

Annual Report **2015**





Generalitat de Catalunya
Departament de Salut



Institut Català
de la Salut

UAB

Universitat Autònoma
de Barcelona

Summary

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Presentation



The mission of the Institut Català de la Salut (ICS) is to provide outstanding care to the population by means of health promotion, prevention and treatment of the most prevalent and the most complex diseases in order to improve the health and quality of life of the people.

Primary health care is the cornerstone of the ICS and of the health care for the community. It offers patient-centered health care that is both interdisciplinary and integral. Moreover, primary care research approaches the main and most prevalent health problems of the population with the purpose to find better solutions for these health care demands.

The research institutes integrated within hospitals and primary care centres of the ICS develop crucial scientific activity. The ICS is committed to offer excellence and state of the art medical care and we consider health research in Catalonia a strategy towards this end. Indeed, the ICS supports and coordinates the Scientific Steering Committee of the Primary Care University Research Institute (IDIAP) Jordi Gol and also actively participates in the IDIAP'S governance organs.

During the past 20 years the IDIAP Jordi Gol has been working toward producing high quality, patient-oriented research in primary care and promoting the academic development of primary health care professionals and generating new knowledge and scientific evidence.

Despite the current financial climate, the data shown in this 2015 Report support biomedical research in Catalonia that produces results transferable to everyday clinical practice. We feel confident to invest in the future of research in primary health care that is efficient and promotes collaborations and networks with the ultimate aim to improve the health of the population.

Dr. Candela Calle

ICS Managing Director

Report IDIAP 2015



Primary health care professionals are very close to the population. They visit patients with different health problems on a daily basis and are very aware of the patients' needs. Indeed, primary health care is patient-centered, coordinated and integral. This accessibility and the possibility of long-term follow up constitute an ideal framework to develop research.

The proximity to the population facilitates the transfer of research results to society, with a positive impact on health and quality of life. Research that finds solutions to everyday clinical problems is essential for improvement and it is thus crucial for us to translate results into clinical practice.

There is no doubt that research in primary care should be effective and increase the efficiency of the health system through prevention and detection in the initial stages of disease.

To this end, we have during the past 20 years strived to promote research in primary care by means of a consolidated organization that provides knowledge, skills and excellence to primary care professionals that want to investigate. We have a total of 33 accredited research groups and 8 research support units in Catalonia to bring the IDIAP services closer to the researchers to assist them in developing their studies.

Despite financial difficulties, the 2015 Report shows that research in primary care sustains a growing trend. We have more new projects now than in the previous years. In 2015 we have conducted a total of 317 national and international projects and maintained the scientific output with the publication of 354 articles with a total IF of 807.816.

We are also increasing our training activities to expand research capabilities in primary care and to create an exchange framework of knowledge and concerns where investigators can show and share with other professionals the experience, knowledge and skills related to research in their areas of interest.

We are aware that there is still a lot to accomplish. However, the 2015 results allow us to have a positive future outlook. We believe we are in the right path and certainly our institution is growing and consolidating as the main primary care research centre in Catalonia and Spain.

Dr. Concepció Violan Fors

Chief Director

Institut universitari d'Investigació en Atenció Primària IDIAP Jordi Gol

1. Strategy: Definition

1.1 Mission

The objective of the IDIAP is to create applicable new knowledge and evidence by promoting and managing research of excellence in Primary Care, primarily in Catalonia, through training in research, innovation, dissemination of results and translation to the health services.

1.2 Vision

We aim to be a leading primary care research organization in Catalonia, Spain and internationally through excellence in research, and to facilitate the participation of professionals in research groups and the dissemination and translation of results into everyday clinical practice.

1.3 Values

Trust

Trust implies confidentiality, the good use of the data to which we have access as investigators.

Equity

Equity is the fair and adequate treatment that takes into account the circumstances and values of every individual without discrimination. This fair and adequate treatment must also prevail in the relationship with workers, providers and other stakeholders.

Responsibility

Responsibility is the capacity to own your own decisions and acts, to assume their consequences and to inform the people involved. Responsibility requires transparency and truthfulness about what we say and do (actions), why we do it (values) and its consequences, to ensure good practice in research, teaching and management.

Excellence

Excellence is the continuing professional development to work to the best of our ability, to lead improvement initiatives and to be aware of the changes around us. Excellence requires a set of knowledge, skills and attitudes adequate for the activities we want to carry out.

Cooperation

Cooperation is the attitude of participation and involvement in teamwork, from our own individuality and with a critical approach. We develop our individual work abilities through complementarity and coordination of labour.

Collaboration

Working alongside and in conditions of equality with other public and private organizations involved in research and provision of health services.

Innovation

Capacity to introduce changes to improve assistance and care taking into account feasibility, risks and benefits.

2. Strategy: Objectives

2.1 Plan of Action 1

To further the suitability of the IDIAP Jordi Gol to respond to the most pressing questions on the health system from a primary care perspective and to translate the research results to society and to the health services.

To further the suitability of the IDIAPJGol to respond to current research questions based on priority research areas, to consolidate the IDIAPJGol's platforms and to strengthen its voice within the Spanish research institutions. We aim to solve questions on health and organisational issues based on the demands of society and to translate the results to improve the health of the population and the quality of the national health system.

Objectives

- To optimize the role of the IDIAPJGol within health research.
- To further the excellence of the SIDIAP platform for the development of research projects based on various databases of the health system.
- To optimize the accreditation of the IDIAPJGol to maximize its objectives, results and sustainability.
- To promote activities to increase the participation of patients in research projects.

2.2 Plan of Action 2

To improve the organization and availability of resources to carry out research.

This Plan of Action includes the actions aimed to improve excellence in the research groups, the training of investigators, the internal organization and the quality of processes of the IDIAPJGol.

Objectives

- To further the excellence of the IDIAPJGol research groups.
- To guarantee the quality of procedures and results of the IDIAPJGol.
- To implement a training programme to improve the skills of the investigators.
- To redefine internal and external communication strategies.
- To review the organization for the management of the IDIAPJGOL to respond to the needs of their clients.

2.3 Plan of Action 3

To promote the collaboration with other national and International organizations.

This Plan of Action aims to strengthen the collaboration of the IDIAPJGol with national and international agents involved in research and innovation: research institutions, health services providers, universities, scientific societies and other organizations that support transfer of knowledge and innovation. We are particularly interested in the IDIAPJGol taking part in European studies to promote the internationalization of our institution and to ensure its sustainability.

Objectives

- To define a collaborative model with the research institutes in our region adapted to the characteristics of each institute.
- To participate in the research network of Catalonia and Spain.
- To increase participation in global and European Union networks and projects.
- To increase the collaboration with the UAB in research, training and translational projects.

2.4 *Plan of Action 4*

To innovate and translate the results of research into society.

The activities proposed in this Plan of Action aim to translate the results of research into the health services and to present novel concepts (technological, biomedical, biotechnological and of health services) to the industry.

Objectives

- To define a collaboration model with the CIH to promote innovation and translation of knowledge.
- To promote a cultural shift towards innovation through training exercises and with the support of experts in technology transfer.
- To increase the translation of research results into clinical practice: to encourage inclusion of results in clinical guidelines and tools that assist decision making to improve effectiveness, efficiency and safety of decisions.
- To establish agreements with the industry (think about entrepreneurship, consultancy, innovation, intellectual property, translation, funding, etc. for each project).

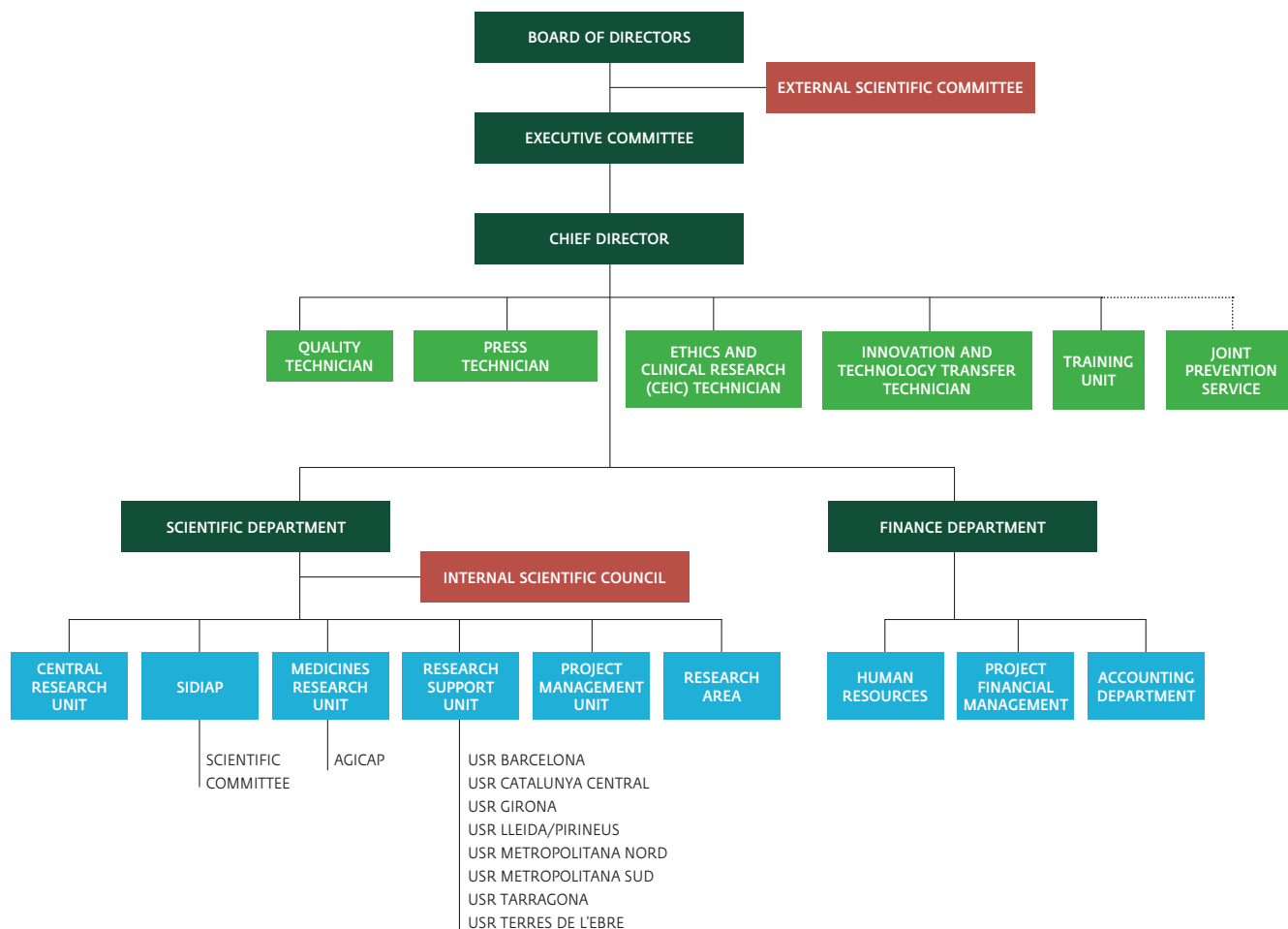
2.5 *Plan of Action 5*

The research priorities of the IDIAPJ Gol are:

- Diabetes research
- Mental health research
- Research in respiratory diseases
- Cardiovascular health research
- Lifestyles research
- Health services research
- Research on musculoskeletal conditions.

3. Organisation and Structure

3.1 Organisation Chart



3.2 Organs Of Governance

Board of Trustees

The Board of Trustees is the highest organ of governance, administration and representation of the IDIAP Jordi Gol.

The Board of Trustees has a minimum of two ordinary sessions per year; it can also be convened at the request of the presidency or of a third of its members.

The functions of the Board of Trustees are:

- To ensure compliance with the aims of the entity.
- To accept its own research projects and projects from external programmes with a contents in agreement with the aims of the entity.
- To approve the general plan of action of the IDIAP Jordi Gol, the programme of activities, costs and sources of funding proposed by the management.
- To approve the yearly budget of the IDIAP Jordi Gol.
- To approve the compulsory yearly reports, inventories, balance and statements of accounts.
- To dictate, if necessary, a Code of Internal Regulations.

Honorary President

Boi Ruiz García

Health Department. Generalitat de Catalunya

Honorary President

Isabel Freixa Janáriz

President

Pere Soley Bach

Catalan Institute of Health (ICS)

Vice-President

Carles Constante Beitia

Health Department. Generalitat de Catalunya

Lluís Tort Bardalet

Universitat Autònoma de Barcelona

Other members

Gabriel Capellà Munar

Health Department. Generalitat de Catalunya

Antoni Juan Pastor

Catalan Institute of Health (ICS)

Rosa Maria Morral Parente

Catalan Institute of Health (ICS)

Ricard Pujol Borrell

Catalan Institute of Health (ICS)

Sara Rodríguez Requejo

Catalan Institute of Health (ICS)

Rafael Ruiz Riera

Catalan Institute of Health (ICS)

Secretary

Montserrat Martínez Morales

Catalan Institute of Health (ICS)

Executive Committee

The Board of Trustees appoints and determines the administrative and representative functions of the Executive Committee.

These functions are:

- To create and approve proposals of research and training within the IDIAP Jordi Gol.
- To allocate resources to research and training programmes.
- To decide and authorise projects that will use investment and the technical and administrative facilities of the organization in accordance with the priorities and interests of the IDIAP.
- To execute and ensure the implementation of the agreements of the Board of Trustees related to the matters of their competence and any other delegated to the Committee.

Vice-President

Antoni Juan Pastor

Catalan Institute of Health (ICS)

President

Lluís Tort Bardolet

Universitat Autònoma de Barcelona

Other members

Gabriel Capellà Munar

Health Department. Generalitat de Catalunya

Ricard Pujol Borrell

Catalan Institute of Health (ICS)

Secretary

Montserrat Martínez Morales

Catalan Institute of Health (ICS)

Management

Chief Director

Concepció Violan Fors
cviolan@idiapjgol.org



Scientific Direction

Bonaventura Bolívar Ribas
bbolibar@idiapjgol.org



Financial Management

José M^a Gállego Peiré
jgallego@idiapjgol.org



Internal Scientific Committee

The Scientific Committee advises the IDIAP Jordi Gol on the running and strategy of the organization. The Scientific Committee also participates in the evaluation of the Calls for Proposals of the IDIAP and the evaluation of projects as a Researchers' Committee in the FIS Calls for Proposals. The president of the Committee is Dr. Bonaventura Bolívar.

The functions of the Internal Scientific Committee are:

- To propose programmes and projects to the Executive Committee and to determine the suitability of research protocols in relation to objectives and to available resources.
- To provide direction and determine priorities in relation to the research projects.
- To establish criteria and ethical, scientific and quality regulations for the optimal allocation of research funding.
- Propose to the Executive Committee the required logistic and infrastructural development for the research of the IDIAP.
- To supervise the progress and results of the research process of the IDIAP.
- To link the research sector of the IDIAP Jordi Gol with its organs of governance.
- To write the report of the scientific activities of the Committee.
- To represent the IDIAP in its relationships with the institutions of the Generalitat and of Spain responsible for scientific policies.

Members of the Internal Scientific Committee:

Carina Aguilar Martín
Josep Basora Gallisà
Bonaventura Bolívar Ribas
Inés Cruz Esteve
Joan Deniel Rosanas
Rosa Morros Pedrós
Miguel Angel Muñoz Pérez
Enriqueta Pujol Ribera
Rafel Ramos Blanes
Pere Josep Simonet Aineto
Pere Torán Monserrat
Concepció Violán Fors

External Scientific Committee

The Scientific Counsel or External Scientific Committee consists of experts with the function to advise the Board of Trustees when required.

The functions of the Independent Scientific Committee are:

- To evaluate the scientific, technical and good practice quality of the IDIAP.
- To link research groups of the IDIAP with national and international investigators.
- To advise the scientific director in matters of research policies and selection of research personnel.
- To write a report on the evolution of the IDIAP based on the evaluation of the strategic plan approved by the Board of Trustees.

The following professionals are members of the External Scientific Committee:

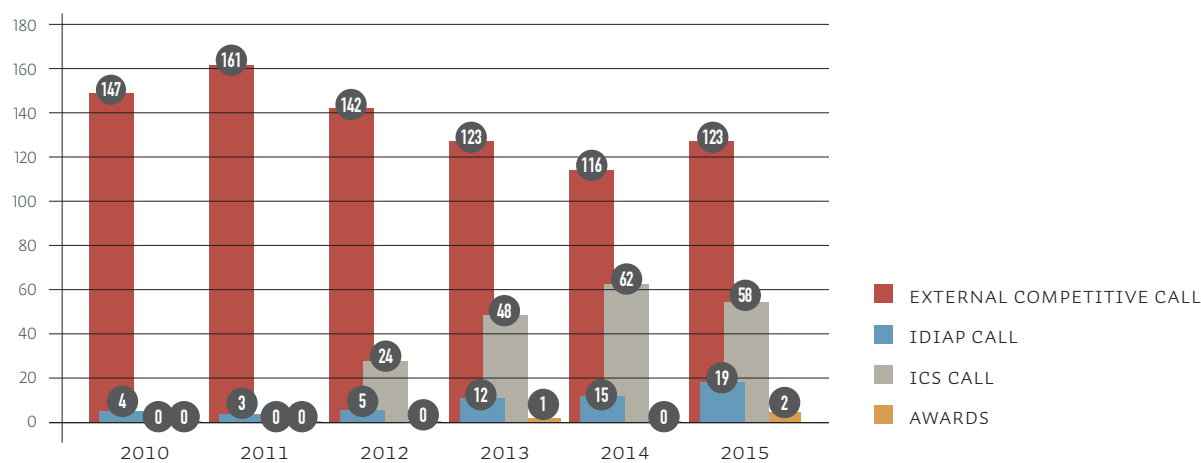
Juan Ángel Bellón Saameño	General Practitioner. El Palo Health Centre, Málaga
Carme Borrell Thio	Director of the Public Health Observatory and Research and Teaching Director. Public Health Agency of Barcelona.
Esteve Fernández Muñoz	MD, researcher. IDIBELL Foundation. Barcelona.
Agustín Gómez de la Cámara	Director. Research Unit and CAIBER. University Hospital 12 de Octubre. Madrid.
Jaume Marrugat de la Iglesia	Director of the Research Programme in Inflammatory and Cardiovascular Processes (RICAD). Institut Municipal d'Investigació Mèdica (IMIM-Hospital del Mar)
José M ^a Valderas Martínez	Professor of Health Services & Policy NIHR Clinician Scientist Patient Centred Care Lead, University of Exeter (UK)

4. Research Results

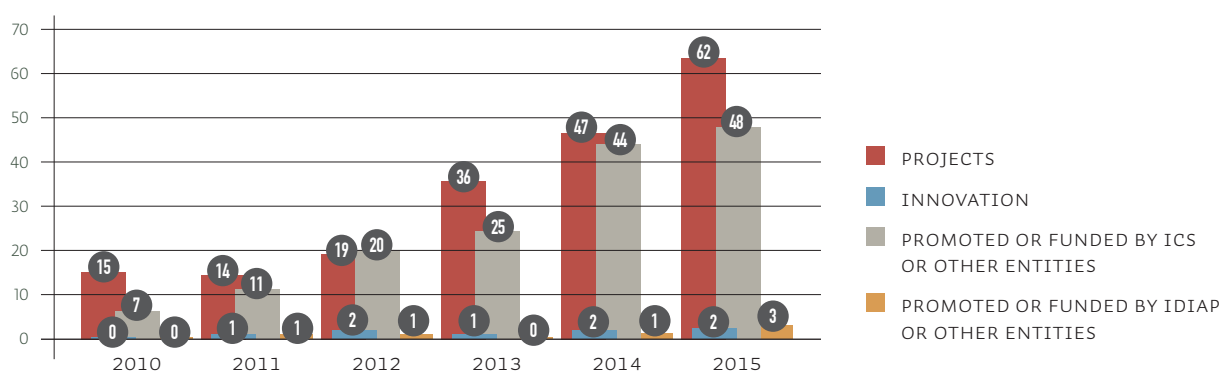
Throughputs

On going Projects

Competitive calls

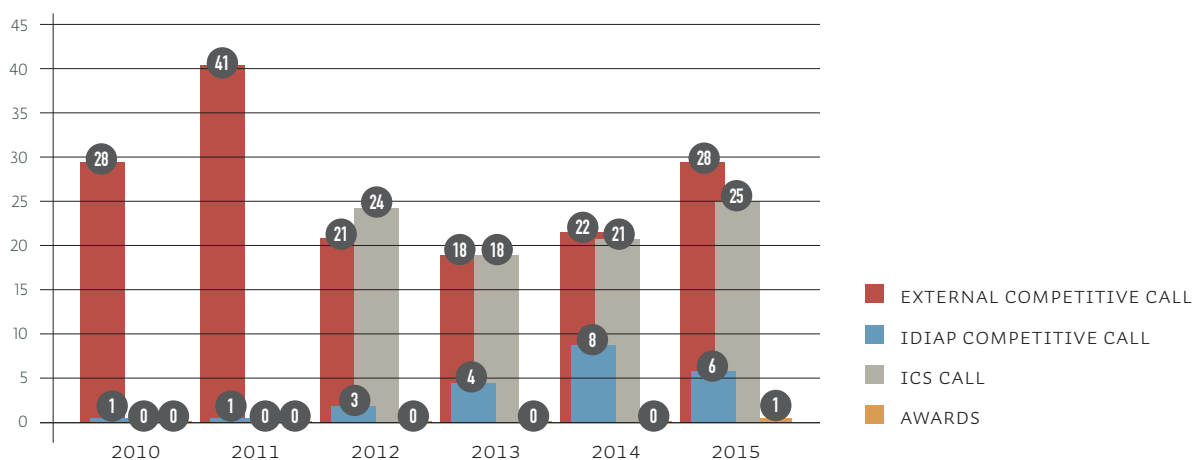


Non competitive calls

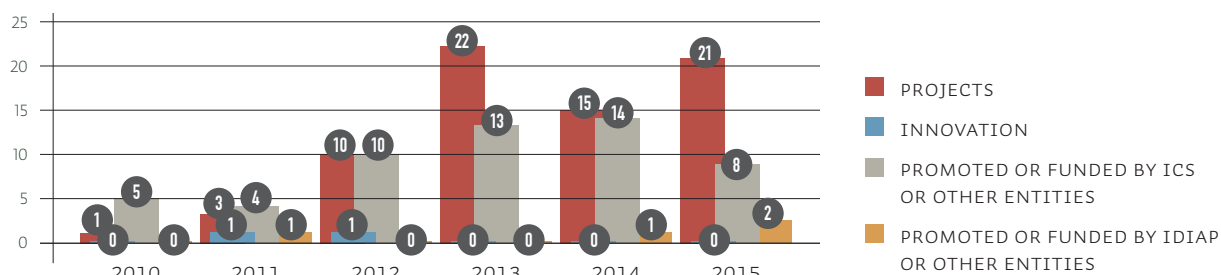


Granted research Projects

Competitive Projects



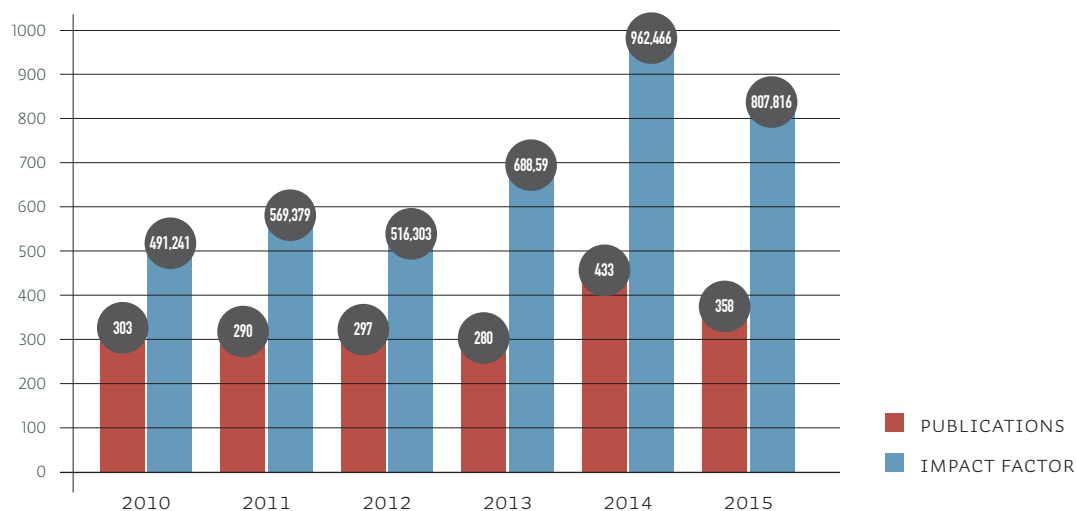
Non competitive Projects



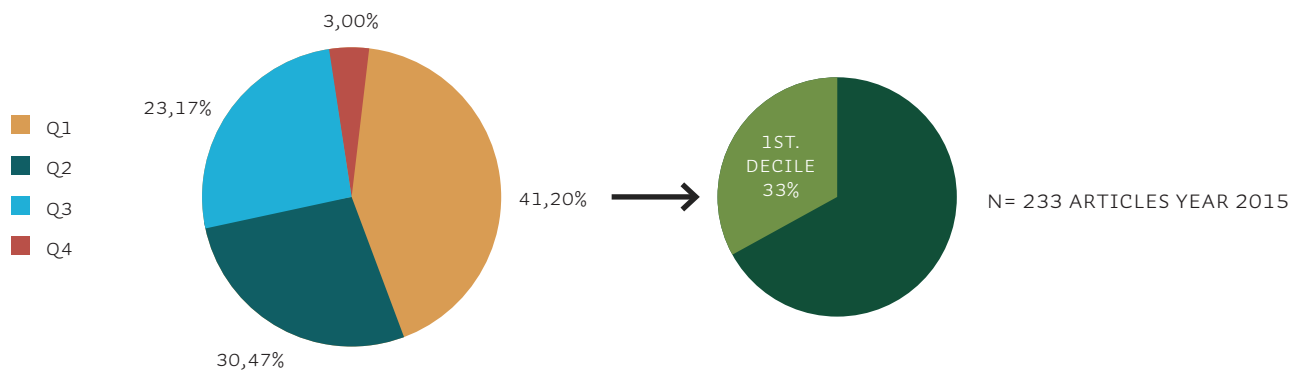
Outputs

Publications

Publications and impact factor evolution in the last six years



Distribution of publications per quartiles and first decile



Top 10 publications in high impact factor journals

JOURNAL	NUMBER OF PUBLICATIONS	IMPACT FACTOR
PLoS ONE	15	48,51
Nature	1	41,456
JAMA	1	35,289
Nat Genet	1	29,352
Prev Med	6	18,516
Aten Primaria	18	17,154
Gastroenterology	1	16,716
J Am Coll Cardiol	1	16,503
BMC Public Health	7	15,848
Circulation	1	14,43

Research groups certified by of IDIAP Jordi Gol or external agency

GROUP	IP GROUP	CERTIFIED BY	USR	START
ARTPER study group	Alzamora Sas, M ^a Teresa	IDIAP Jordi Gol	Metropolitana Nord	2010
Cancer Research Group in Primary Health Care.	Marzo Castillejo, Maria Mercè	AGAUR	Metropolitana Sud	2014
CÀNCER-AP		IDIAP Jordi Gol		2013
Epidemiologic Research Group in Diabetes from Primary Health Care DAP_CAT	Franch Nadal, Josep	IDIAP Jordi Gol	IDIAP Jordi Gol	2011
		AGAUR		2014
Reus-Tarragona Diabetes Research Group	Costa Pinel, Bernardo	AGAUR	Tarragona-Reus	2014
		IDIAP Jordi Gol		2007
Effectiveness of pneumococcal and influenza vaccines.	Vila Corcoles, Angel	AGAUR	Tarragona-Reus	2014
EPIVAC		IDIAP Jordi Gol		2007
Lifestyles	Martin Cantera, Carlos	IDIAP Jordi Gol	Barcelona	2010
Research Group in Prevention, Diagnosis and Handling of both Physical and Cognitive Fragility and functional decline.	Orfila Pernas, Francesc	IDIAP Jordi Gol	Barcelona	2015
FRAGICAP				
Study Group of Musculoskeletal Diseases in Primary Care.	Barra López, Martin Eusebio	IDIAP Jordi Gol	Metropolitana Sud	2013
GEPALAP				
Respiratory System Pathology in Primary Care Study Group.	Martín Luján, Francisco	IDIAP Jordi Gol	Tarragona-Reus	2010
CEPAR-AP				
Primary Care and Mental Health Research Group. GRAPISAM	Peñarrubia María, M ^a Teresa	IDIAP Jordi Gol	Metropolitana Sud	2010
Research Group in Sexual and Reproductive Health. GRASSIR	Falguera Puig, Gemma	AGAUR	Metropolitana Nord	2014
		IDIAP Jordi Gol		2013
Research Group in Nursing Care. GRCS	Campo Osaba, Maria Antonia	IDIAP Jordi Gol	Barcelona	2013
Cardiovascular Research Group. GRECAP	Muñoz Pérez, Miguel Angel	AGAUR	Barcelona	2014
		IDIAP Jordi Gol		2012
Research Group in Chronic Respiratory Disease. GReCMaR	Torán Monserrat, Pere	IDIAP Jordi Gol	Metropolitana Nord	2010
Hepatic Diseases in Primary Care Research Group. GRemHAP	Caballería Rovira, Llorenç	IDIAP Jordi Gol	Metropolitana Nord	2010
Primary Care Research Group in Common Disorders of the Musculoskeletal System. GREMPAL	Prieto Alhambra, Daniel	IDIAP Jordi Gol	IDIAP Jordi Gol	2012
Research Group in Primary Health Services. GRenSSAP	Bolíbar Ribas, Bonaventura	AGAUR	IDIAP Jordi Gol	2014
		RETICS		2003
Research Group in Therapies in Primary Care. GRETAG	Cruz Esteve, Inés	AGAUR	Lleida	2014
		IDIAP Jordi Gol		2013
Research Group in Infectious Diseases in Primary Care. GRIP	Llor Vilà, Carles	IDIAP Jordi Gol	Barcelona	2015
Osteoporosis and Musculoskeletal Diseases in Primary Care Research Group. GROIMAP	Azagra Ledesma, Rafael	AGAUR	Metropolitana Nord	2014
		IDIAP Jordi Gol		2010
Respiratory Diseases - Vallès Oriental Research Group. GRRVO	Roig Remon, Lydia	IDIAP Jordi Gol	Metropolitana Nord	2010
Laboratory Group for the Research in QUALITY INDICATORS	Llovet Lombarte, M ^a Isabel	IDIAP Jordi Gol	Terres de l'Ebre	2013
Girona Vascular Health Research Group. ISV Girona	Ramos Blanes, Rafel	AGAUR	Girona	2014
		IDIAP Jordi Gol		2010
Group for the study of Cardiovascular Diseases in Primary Care. MACAP	Barrio Ruiz, Carmen	IDIAP Jordi Gol	Metropolitana Sud	2010
Group for the study of Cardiovascular Diseases in Primary Care. MACAP RENAL	Salvador Gonzalez, Betlem	AGAUR	Metropolitana Sud	2014
Respiratory Diseases in Primary Care Emergent Research Group. MPOC-BCN	Llauger Rosselló, Maria Antònia	IDIAP Jordi Gol	Barcelona	2010

GROUP	IP GROUP	CERTIFIED BY	USR	START
Community Nutrition and Health. NUSCO	Arija Val, Victoria	IDIAP Jordi Gol	Tarragona-Reus	2010
Oldest' CharacTheristic and Assessments - Baix Llobregat study's group. OCTABAIX	Ferrer Feliu, Assumpta	IDIAP Jordi Gol	Metropolitana Sud	2010
Observatory for the Study of Asbestos-Related Illnesses. OMRA	Abós Herrandiz, Rafael	IDIAP Jordi Gol	Metropolitana Nord	2010
Cardiovascular Prevention in Terres de l'Ebre. PreCarTe	Dalmau Llorca, Maria Rosa	AGAUR	Terres de l'Ebre	2014
		IDIAP Jordi Gol		2012
Mental Health Tarragona	Aragonès Benaiges, Enric	IDIAP Jordi Gol	Tarragona-Reus	2007
Information and Communications Technology in Primary Care. TICS-AP	Flores Mateo, Gemma	AGAUR	Tarragona-Reus	2014
		IDIAP Jordi Gol		2014
Severe Mental Diseases Group. TMS	Fernández San Martin,	AGAUR	Barcelona	2014
	Maria Isabel	IDIAP Jordi Gol		2012

In 2015 there were 33 certified groups

5. Training

5.1 IDIAP has done the following courses

COURSE TITLE	NUMBER OF COURSES	NUMBER OF PARTICIPANTS	HOURS	COMPULSORY ATTENDANCE	ON LINE	PARTIAL ATTENDANCE	USR (RESEARCH SUPPORT UNIT)
Scientific communication and poster presentation	2	20	8	YES			Barcelona
Qualitative Research (Intermediate level)	1	20	12	YES			Barcelona
	1	20	12				
Statistics Level 1	1	20	8	YES			Barcelona
Design of research projects	1	20	30	YES			Barcelona
Questionnaires	1	20	4	YES			Barcelona
Medline (Advanced level)	1	20	4	YES			Barcelona
Elaboration of scientific projects	2	20	8	YES			Barcelona
Critical reading	1	20	8	YES			Barcelona
Bibliographic search for research projects	2	37	18	x			Catalunya Central
Basic Statistics	2	30	24	x			Catalunya Central
Elaboration of research protocols (Beginners' level)	2	34	10	x			Catalunya Central
Introduction to research for training specialists	2	39	48	x			Catalunya Central
Bibliographic search. Management of a virtual library	2	18	10	YES			Girona
How to design a research project. Elaboration of a study protocol	1	20	10	YES			Girona
How to communicate science (oral presentations and scientific articles)	2	20	10	YES			Girona
Register of data for research in primary care	1	21	10	YES			Girona
Statistical analysis with R-commander	2	15	10	YES			Girona
Writing research projects (Advanced level)	1		30			YES	Tarragona-Reus
Introduction to Qualitative Research	1	27	12	YES			Tarragona-Reus
Critical reading	1	19	12	YES			Tarragona-Reus
How to produce a metanalysis	1	15	3	YES			Tarragona-Reus
Course of bibliographic search in the health sciences	1	33	8	YES			Tarragona-Reus
Research Methods I. Elaboration of a research project	1	35	60			YES	Tarragona-Reus
Search of bibliographic information	1	15	12	YES			RSU Metropolitana Nord
Bibliographic search	2	30	45	YES			RSU Metropolitana Nord
Introduction to research	1	20	30	YES			RSU Metropolitana Nord
Research tools for ODN	1	15	20	YES			RSU Metropolitana Nord
Writing research projects (Advanced level)	1	25	30	12	18		Metropolitana Sud
Scientific Methodology (2014-15 Course) (within the training programme of the Teaching Unit)	2	45	18	18			Metropolitana Sud
Cornerstones of Family and Community Medicine: Introduction to research. Clinical Practice Guidelines (within the training programme of the Teaching Unit)	1	45	2	2			Metropolitana Sud
STATISTIC ANALYSIS WITH PSPP IN PRIMARY CARE	1	25	9	9			Metropolitana Sud
V Research Meeting of the Costa de Ponent PCMTU (within the training programme of the Teaching Unit)	1	60	4	4			Metropolitana Sud
Research Methods I. Elaboration of a research project	1	20	60	X	X		Terres de l'Ebre
Writing research projects (Advanced level)	1	4	30	X	X		Terres de l'Ebre

COURSE TITLE	NUMBER OF COURSES	NUMBER OF PARTICIPANTS	HOURS	COMPULSORY ATTENDANCE	ON LINE	PARTIAL ATTENDANCE	USR (RESEARCH SUPPORT UNIT)
Introduction to "R"	1	8	12	YES			UCR (Central Research Unit)
Competitive call for proposals	1	24	4	YES			UCR
Introduction to Qualitative Research	3	61	12	YES		YES	UCR
Writing projects	1	6	30			YES	UCR
Statistics	1	20	50			YES	UCR
Bibliographic search	2	40	16			YES	UCR
Qualitative Research (Advanced level)	1	21	50				UCR
BBDD (Girona)	1	6	10	YES			UCR
Ethics in research	1	40	6		YES		UCR
Elaboration of a research project	1	40	14		YES		UCR
Writing a scientific article	1	40	10		YES		UCR
Databases	2	40	16			YES	UCR
Scientific writing and communication	1	15	18			YES	CRU

6. IDIAP Jordi Gol on the News

6.1 Dissemination in the media

A total of 19 press releases, mainly about various IDIAP projects (January to November 2015). The press releases approach health aspects such as the cost of diabetes, food habits in babies, stroke, multimorbidity, mental health and diabetes, novel technologies, vertigo, use of spirometry to quit smoking, sexual behaviour in young people, etc.

TOTAL IMPACTS: 183

We want to highlight especially:

- Special feature in *Criatures* of the daily *ARA* on food habits in babies; feature in the TVE programme *Saber Vivir* to talk about the SEDESTACTIV study.
- Features in the local media such as *Diari de Girona* and *Diari de Tarragona* on issues concerning their own USR.
- The media know about us and request research experts from the IDIAP when they want to talk about health issues.
- Regular features in the specialized press.
- Features in the main written press: *El Periódico* and *ARA*.



7. Financial Statements

Balance Sheet

A) Fixed assets	268.427,95 €
I. Intangible assets	123.098,79 €
1. Software	- €
2. Usage Rights	123.098,79 €
II. Tangible assets	145.329,16 €
1. Machinery and Facilities	87.300,99 €
2. Furniture and hardware	58.028,17 €
3. Other tangible assets	- €
B) Current assets	7.510.084,15 €
I. Inventory	18.733,11 €
II. Accounts Receivable	2.823.229,37 €
1. Other Debtors	2.823.229,37 €
2. Personnel	- €
3. Tax & Government debt	- €
IV. Short term financial investments	4.198.921,67 €
1. Securities	4.176.283,70 €
VI. Cash and equivalent liquid assets	463.403,51 €
1. Cash	463.403,51 €
TOTAL (A+B)	7.778.512,10 €

Equity and Liabilities

A) Equity	1.854.572,31 €
A-1). Equity	1.696.025,52 €
I. Founders equity	30.050,61 €
1. Founders equity	30.050,61 €
III. Retained Earnings	1.581.644,31 €
1. Retained Earnings	1.483.293,41 €
V. Net Income (loss) for the year	84.330,60 €
A-2). Grants, donations and other deferred revenue	158.546,79 €
1. Capital Grants	158.547,32 €
B) Non current liabilities	5.208.925,20 €
C) Current liabilities	715.014,59 €
II. Short terms debts	53,75 €
IV. Accounts Payable	667.136,26 €
1. Other Creditors	415.520,22 €
2. Personnel (accrued compensation)	43.435,76 €
3. Tax and other Curren liabilities to Government	208.180,28 €
TOTAL (A+B+C)	7.778.512,10 €

Income Statement

1) Operating Revenue	3.599.952,74 €
a) Sales of goods and services	587.425,71 €
b) Other periodical revenue	1.314.842,80 €
c) Grants received	1.685.565,72 €
d) Other Grants and donations	88.525,00 €
e) Grants and donations reimbursed	-76.406,49 €
2) Grants Awarded And Othwer Expenses	-31.188,57 €
a) Grants Awarded	-31.188,57 €
3) Purchases	-49.400,12 €
a) Consumption of goods and inventory write down	-49.400,12 €
b) Subcontracting	- €
4) Personnel Expenses	-1.918.556,40 €
5) Other Operating Expenses	-1.521.190,37 €
a) Services	-1.526.918,67 €
a1) Rentals	-5.794,36 €
a2) Maintenance	-40.578,05 €
a3) Professional Fees	-869.174,11 €
a4) Insurance premiums	-2.871,01 €
a5) Bank fees	-2.029,77 €
a6) Supplies	- €
a7) Other services	-606.471,38 €
b) Tributs	-4.246,30 €
c) Other operating accruals	9.974,60 €
6) Depreciation	-185.485,58 €
8) Long term Grants and Donations accrued	116.578,74 €
9) Other results	14.179,90 €
I. Operating income	24.890,34 €
10) Financial evenue	73.607,51 €
11) Financial expense	-12.570,04 €
12) Exchange rate differences	€ -1.597,21 €
II. Financial income	59.440,26 €
III. Income before taxes	84.330,60 €
IV. Net income	84.330,60 €

8. Research Areas

Research Area: Aging

Research Group: FRAGICAP (Research group for prevention, diagnostic and management of frailty and physical and cognitive functional decline in the elderly)

Aging is a broad research area that encompasses all social and health aspects affecting the elderly, i.e., their overall health, diseases of the different physiological systems, use of health services, quality of life, etc. Aging research overlaps with other research areas, namely, cardiovascular, diabetes, mental health, cancer, lifestyles and health services. However, some aspects such as the study of frailty in the elderly, cognitive deterioration, multimorbidity, polypharmacy, home care and end-of-life care are very specific of this age group. Research in aging takes place within the framework of our aging society and its repercussions on the health and social systems, with emerging or increased incidence of new syndromes, the shift in family and care models and the new services on offer. The group includes GPs, primary care nurses, epidemiologists and health technicians. Two members of the team are PhDs and a third one is currently carrying out a PhD thesis with funding from the IDIAP and supervised by the group coordinator. The aim of the group is to carry out more PhD thesis. FRAGICAP has the support of the Aging Area of the IDIAP, and it currently collaborates with other research groups such as those of care in health, lifestyles, the Rediapp and also University College Cork and the Universidade do Porto.

Lines: Frailty detection and management. Prognostic factors and validation of screening tools. Multifactorial interventions for the prevention of frailty and disability. Home care. Support to caregivers and detection and management of abuse to the elderly. Palliative and end-of-life care. Preventive and health promotion activities in the elderly.

Group Leader

Orfila Pernas, Francesc

Researchers

Carrés Esteve, Lourdes
Cegri Lombardo, Francisco
Pujol Ribera, Enriqueta
Romera Liébana, Laura
Segura Noguera, Josep M^a

The group participates in the following projects

IP: Azagra Ledesma, Rafael. Efectividad de una intervención con el programa de ejercicios OTAGO para la prevención de caídas y fracturas osteoporóticas en personas de 75 a 90 años residentes en la comunidad: Proyecto PRECIOSA. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Berenguera Ossó, Anna. El reto de cambiar y mantener conductas saludables. El Coaching Psicología para capacitar a personas con artrosis de rodilla y mejorar su calidad de vida. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Delgado Martínez, MP. Influencia del tipo de tratamiento antihipertensivo prescrito en la práctica clínica habitual sobre la variabilidad de la presión arterial y el riesgo cardiovascular del hipertenso. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Guisado Clavero, Marina. Avaluació d'una intervenció per millorar la seguretat de la prescripció en persones grans amb multimorbiditat i polimedicació ateses a l'atenció primària. Funding: Fundació d'Atenció Primària (CAMFIC) . Duration: 2015 - 2017

- IP:** Foguet Boreu, Quintí. Identificación de los patrones de multimorbilidad y la polimedicación asociada, a una muestra poblacional de atención primaria. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017
- IP:** Segura Noguera, Josep M^a. Efectividad de una intervención multifactorial para modificar la fragilidad en ancianos comunitarios. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017
- IP:** Berenguer Perez, Miriam. Factors de risc per el desenvolupament d'úlceres d'etiologia venosa. Estudi de casos-control aparellats. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Orfila Pernas, Francesc. Implement & Evaluate Community Assessment of Risk & Treatment Strategies - A new model to prevent or delay frailty, functional decline & risk of adverse outcomes in community dwelling older adults. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Pujol Ribera, Enriqueta. Stakeholder preceptions of research consent models applied during infectious disease (ID) epidemics or pandemics: A European focus group study with members of the public. Funding: Universitat de Cardiff. Duration: 2015 - 2016
- IP:** Cegri Lombardo, Francisco. Percepció de les infermeres d'Atenció Primària sobre els factors que generen variabilitat en el maneig de les ferides cròniques. Estudi qualitatiu. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Baltà Domínguez, Laura. Impacte sobre la qualitat de vida relacionada amb la salut en pacients amb úlcera venosa. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Orfila Pernas, Francesc. Validació d'un instrument de classificació de fragilitat basat en registres informatitzats en l'Atenció Primària. Projecte e-fragicap. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Segura Noguera, Josep M^a. Efectividad de una intervención multifactorial para la modificación de parámetros de fragilidad en población anciana: Estudio FRAGILITY. Funding: Departament de Salut. Duration: 2014 - 2016
- IP:** Martín Cantera, Carlos. Evaluación de la eficacia de una intervención basada en la disminución de las horas de sedestación en pacientes con sobrepeso u obesidad moderada (proyecto SEDESTACTIV). Ensayo clínico aleatorio controlado. Funding: Universidad Europea de Madrid S.L.U. Duration: 2014 - 2016
- IP:** Romera Liébana, Laura. Efectivitat d'una intervenció multifactorial per a la modificació de paràmetres de fragilitat en la població gran. Funding: Fundacio Privada Mutuam Conviure. Duration: 2013 - 2016
- IP:** Plaza Espuña, Isabel. Dificultades en la atención sanitaria al colectivo inmigrante. Percepción de los profesionales de Atención Primaria y fundamentos para el diseño de estrategias de mejora. Funding: IDIAP Jordi Gol. Duration: 2013 - 2016
- IP:** Bolívar Ribas, Bonaventura. Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Berenguer Perez, Miriam. Implementació d'un protocol d'actuació segons les guies de pràctica clínica en pacients amb úlceres d'etiologia venosa en Atenció Primària: trasllat de l'evidència a la pràctica. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Aymerich M. Elaboración de un Modelo de TRASlación de los resultados de investigación hacia la toma de decisiones en Salud (TRAM-S). Funding: Universitat de Girona. Duration: 2012 - 2015

The group participates in the following articles

- Carmona-Terés V, Lumillo-Gutiérrez I, Jodar-Fernández L, Rodríguez-Blanco T, Moix-Queraltó J, Pujol-Ribera E, Mas X, Batlle-Gualda E, Gobbo-Montoya M, Berenguera A. Effectiveness and cost-effectiveness of a health coaching intervention to improve the lifestyle of patients with knee osteoarthritis: cluster randomized clinical trial. BMC musculoskeletal disorders. 2015; 16:38. doi:10.1186/s12891-015-0501-x. pii:10.1186/s12891-015-0501-x. pmc:PMC4344994. PMID:25887078. **FI: 1,717**
- Coma Auli N, Mejía-Lancheros C, Berenguera A, Pujol-Ribera E. Risk perception of sexually transmitted infections and HIV in Nigerian commercial sex workers in Barcelona: a qualitative study. BMJ open. 2015; 5(6):e006928. doi:10.1136/bmjopen-2014-006928. pii:bmjopen-2014-006928. PMID:26078307. **FI: 2,271**
- Foguet-Boreu Q, Violán C, Rodríguez-Blanco T, Roso-Llorach A, Pons-Vigués M, Pujol-Ribera E, Cossio Gil Y, Valderas JM. Multimorbidity Patterns in Elderly Primary Health Care Patients in a South Mediterranean European Region: A Cluster Analysis. PloS one. 2015 ; 10(11):e0141155. doi:10.1371/journal.pone.0141155. pii:PONE-D-15-23009. PMID:26524599. **FI: 3,234**

- Gorostidi M, Banegas JR, de la Sierra A, Vinyoles E, Segura J, Ruilope LM. Ambulatory blood pressure monitoring in daily clinical practice - the Spanish ABPM Registry experience. *European journal of clinical investigation*. 2016 Jan; 46(1):92-8. doi:10.1111/eci.12565. Epub 2015 Dec 23. PMID:26541761. **FI: 2,734**
- Leahy-Warren P, Weathers E, Lupari M, Campbell S, Clarnette R, Orfila F, Fitzgerald C, Paúl C, O'Herlihy E, Cornally N, O'Caoimh R, Day MR, Mulcahy H, Molloy W. The Risk Instrument for Screening in the Community (RISC): Cross Cultural Perspectives. *Int J Res Nurs*. 2015;6:42-50.
- Martínez-Ramos E, Martín-Borràs C, Trujillo JM, Giné-Garriga M, Martín-Cantera C, Solà-Gonfaus M, Castillo-Ramos E, Pujol-Ribera E, Rodríguez D, Puigdomenech E, Beltran AM, Serra-Paya N, Gascón-Catalán A, Puig-Ribera A. Prolonged Sitting Time: Barriers, Facilitators and Views on Change among Primary Healthcare Patients Who Are Overweight or Moderately Obese. *PloS one*. 2015 ; 10(6):e0125739. doi:10.1371/journal.pone.0125739. pii:PONE-D-14-53300. pmc:PMC4461272. PMID:26057237. **FI: 3,234**
- O'Caoimh R, Cornally N, Weathers E, O'Sullivan R, Fitzgerald C, Orfila F, Clarnette R, Paúl C, Molloy DW. Risk prediction in the community: A systematic review of case-finding instruments that predict adverse healthcare outcomes in community-dwelling older adults. *Maturitas*. 2015 Sep; 82(1):3-21. doi:10.1016/j.maturitas.2015.03.009. pii:S0378-5122(15)00595-2. PMID:25866212. **FI: 2,942**
- O'Caoimh R, FitzGerald C, Cronin U, Svendrovski A, Gao Y, Healy E, O'Connell E, O'Keeffe G, O'Herlihy E, Weathers E, Cornally N, Leahy-Warren P, Orfila F, Paúl C, Clarnette R, Molloy DW. Which Part of a Short, Global Risk Assessment, the Risk Instrument for Screening in the Community, Predicts Adverse Healthcare Outcomes? *J Aging Res*. 2015;2015:256414-256414. PMID:26346934.
- Peguero E, Berenguera A, Pujol-Ribera E, Roman B, Prieto CM, Terribas N. The workers opinions have a value in the Code of Ethics: Analysis of the contributions of workers in virtual Forum Catalan Institute of Health. *BMC medical ethics*. 2015; 16:90. doi:10.1186/s12910-015-0081-1. Epub 2015 Dec 23. pmc:PMC4690413. PMID:26699287.
- Santulli G, Borrás C, Bousquet J, Calzà L, Cano A, Illario M, Franceschi C, Liotta G, Maggio M, Molloy WD, Montuori N, O'Caoimh R, Orfila F, Rauter AP, Santoro A, Iaccarino G. Models for preclinical studies in aging-related disorders: One is not for all. *Translational medicine @ UniSa*. 2015 Dec; 13:4-12. Epub 2016 Jan 31. pmc:PMC4811343. PMID:27042427.
- Violán C, Foguet-Boreu Q, Roso-Llorach A, Rodríguez-Blanco T, Pons-Vigués M, Pujol-Ribera E, Valderas JM. Multimorbidity patterns in young adults in Catalonia: an analysis of clusters. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Dec; doi:10.1016/j.aprim.2015.10.006. pii:S0212-6567(15)00336-4. PMID:26706180. **FI: 0,953**

Indicators

Researchers with PhD	2
Total number of projects in which group members have participated	19
Total number of projects in which the PI of the project has belonged to the group	7
Total Funding	289.342,68 €
Scientific publications in indexed journals	7
Total Impact factor	17,09
Nº of articles in Q1 journals	4
Q1 IF	12,144
Nº of articles in Q2 journals	2
Q2 FI	3,988

Research Group: OCTABAIX (Oldest' Characteristic and Assesments-Baix Llobregat study's group)

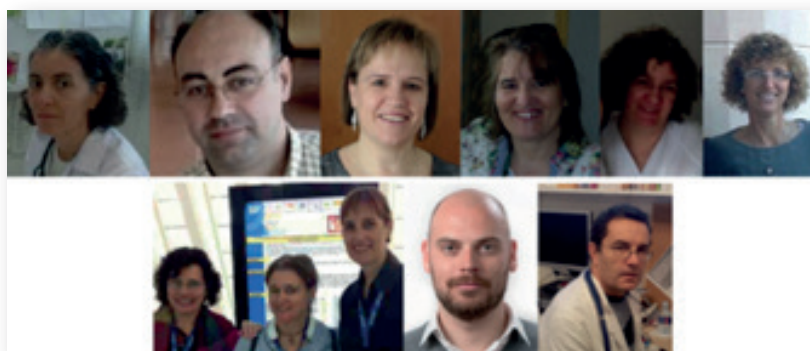
The OCTABAIX study group developed around a group of professionals in nursing and clinical laboratories, epidemiologists, family doctors and geriatricians from different districts of primary Health care (Baix Llobregat Nord, Baix Llobregat Centre and Hospitalet de Llobregat) and from the Bellvitge Hospital, and collaborates with IDIAP Jordi Gol (metropolitan south Research Support unit) and the University of Barcelona (Nursing School).

The group's main objective is research related to ageing, and in particular with the oldest section of the population (over 80) it is developing various lines of research such as hypertension and type 2 diabetes in the over 90s, functional and cognitive deterioration, falls and malnutrition, sarcopenia and nutritional deficits and studies of the quality of life among people over 89.

Lines: Observational studies of chronic pathology in the over 80s. Interventions to improve the quality of life of the over 80s.

Group Leader

Ferrer Feliu, Assumpta



Researchers

Badia Farre, Teresa
Fernandez Solana, Coral
Formiga Pérez, Francesc
Gil Nieves, Aurora
Llopart Catasús, Carme
Megido Badia, M^a Jesús
Padrós Soler, Gloria
Sarró Maluquer, Marta
Tobella Príncipe, Ma. Àngels

The group participates in the following projects

IP: Boix de la Casa, Carme. *Ensayo clínico aleatorizado controlado sobre la efectividad del programa de paciente experto en atención primaria en el control de la diabetes mellitus tipo 2.* Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2013 - 2016

IP: Rodriguez Cristobal, Juan Jose. *Impacto de una intervención en los estilos de vida en los factores de riesgo cardiovascular y la ateromatosis subclínica en pacientes con hiperfibrinogenemia en la atención primaria de salud (Estudio IMENCAR).* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2015

The group participates in the following articles

Badia T, Formiga F, Ferrer A, Sanz H, Hurtos L, Pujol R. Multifactorial assessment and targeted intervention in nutritional status among the older adults: a randomized controlled trial: the Octabaix study. *BMC geriatrics*. 2015; 15:45. doi:10.1186/s12877-015-0033-0. pii:10.1186/s12877-015-0033-0. pmc:PMC4414432. PMID:25887312.

Contreras Mdel M, Formiga F, Ferrer A, Chivite D, Padrós G, Montero A; Grupo Octabaix. Profile and prognosis of patients over 85 years old with anemia living in the community. *Octabaix Study. Revista española de geriatría y gerontología*. 2015 Sep-Oct; 50(5):211-5. doi:10.1016/j.regg.2014.11.004. Epub 2015 Jan 09. Spanish. PMID:25583243.

Cubedo J, Padró T, Peña E, Aledo R, Formiga F, Ferrer A, Padrós G, Badimon L. High Levels of Antifibrinolytic Proteins Are Found in Plasma of Older Octogenarians With Cardiovascular Disease and Cognitive Decline. *Journal of the American College of Cardiology*. 2015 Jun; 65(24):2667-9. doi:10.1016/j.jacc.2015.04.022. pii:S0735-1097(15)01952-X. PMID:26088309. FI: 16,503

Ferrer A, Formiga F, Cunillera O, Megido MJ, Corbella X, Almeda J; Octabaix Study Group. Predicting factors of health-related quality of life in octogenarians: a 3-year follow-up longitudinal study. *Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation*. 2015 Nov; 24(11):2701-11. doi:10.1007/s11136-015-1004-9. Epub 2015 May 24. PMID:26003314. **FI: 2,486**

Ferrer A, Formiga F, Padrós G, Badia T. Diabetes mellitus at 85 years in the community. Octabaix study. *Atención primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 May; 47(5):318-9. doi:10.1016/j.aprim.2014.04.016. Epub 2014 Sep 10. Spanish. PMID:25216942. **FI: 0,953**

Formiga F, Ferrer A, Lombarte I, Fernández C. The NonaSantfeliu study. Baseline assessment and ten years of follow-up. *Revista española de geriatría y gerontología*. 2015 May-Jun; 50(3):143-9. doi:10.1016/j.regg.2014.03.006. Epub 2014 May 20. Spanish. PMID:24854969.

Awards

2nd prize best communication. III Jornadas Nacionales Diabetes de la Sociedad Española de Médicos de Atención Primaria (SEMERGEN). Utilidad de la realización de MAPA en los pacientes con DM2 en Atención Primaria. Còrdova S, De la Iglesia T, Carretero P, Badia T, Balfagon S, Cama EM.

Profesor Serrano Ríos Award. Journal of American Medical Directors Association. Diabetes mellitus as a risk factor for functional and cognitive decline in very old people: the Octabaix study. Formiga F, Ferrer A, Padrós G

Indicators

Researchers with PhD	5
Total number of projects in which group members have participated	2
Total number of projects in which the PI of the project has belonged to the group	
Total Funding	7.700,00 €
Scientific publications in indexed journals	3
Total Impact factor	19,94
Nº of articles in Q1 journals	1
Q1 IF	16,503
Nº of articles in Q2 journals	1
Q2 FI	2,486

Research Area: Cardiovascular

Research Group: ARTPER (Peripheral artery disease)

The study group ARTPER was created at the end of 2005 and made up of researchers from the 28 primary health care teams from North Barcelona, Maresme and also Barcelona City. In this group there are various professionals in the field of cardiovascular disease research from IDIAP Jordi Gol, the CARDIOCAT group from the Instituto de Salud Carlos III (ISCIII)-accredited redIAPP network, work groups from the Catalan Society for Family and Community Medicine and the cardiovascular diseases research group of the Research Support Group of North Metropolitan Barcelona. It has collaborated and will continue to collaborate with the area of neuroscience research of the Germans Trias i Pujol University Hospital in Badalona.

The group's objectives center on the prevention and early diagnosis of arteriosclerotic disease. Initially the group concentrated on the utility of the measurement of the Wrist/Arm Index as a diagnostic and prognostic test of peripheral vascular disease. For the development of preventive strategies high-risk groups must be identified and action must be taken while the disease is asymptomatic. Identification of the disease in its asymptomatic phase in order to act before vascular events occur is the principal objective of research in this field.

Lines: Peripheral Arteriopathy: prevention and early diagnosis

Group Leader

Alzamora Sas, M^a Teresa



Researchers

Baena Díez, Jose Miguel
Forés Raurell, Rosa
Heras Tébar, Antoni
Pera Blanco, Guillem
Reina Rodríguez, M^a Dolores
Sancho Perpiñan, Amparo
Sorribes Capdevila, Marta

The group participates in the following projects

IP: Caballería Rovira, Llorenç. *Valor predictivo de la elastografía hepática transitoria respecto a la enfermedad hepática y cardiovascular.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Berenguera Ossó, Anna. *El reto de cambiar y mantener conductas saludables. El Coaching Psicología para capacitar a personas con artrosis de rodilla y mejorar su calidad de vida.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Alventosa Zaidin, Marina. *Bloqueig de branca i morbimortalitat cardiovascular.* Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2015 - 2017

IP: Mataró Serrat, Maria. *Neuroplasticidad en la edad adulta: Ejercicio físico y entrenamiento cognitivo.* Funding: Ministerio de Economía y Competitividad. Duration: 2014 - 2017

IP: Cos Claramunt, Francesc Xavier. *eControl 2007-2013. Estudio longitudinal del control multifactorial de la diabetes tipo 2 e intensidad del tratamiento en Atención Primaria.* Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

- IP:** Medrano Jiménez, Rafael. *Termometría plantar y pie de riesgo en Atención Primaria. Estudio Termopiedi*. Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2014 - 2016
- IP:** Caballería Rovira, Llorenç. *Esteatosis hepática no alcohólica com a factor de risc de malaltia cardiovascular i renal*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2016
- IP:** Bonet Monné, Sara. *Consumo de analgésicos y AINES y Enfermedad Renal Crónica*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2016
- IP:** Franch Nadal, Josep. *Estudio longitudinal del control multifactorial de la diabetes tipo 2 e intensidad del tratamiento en Atención Primaria*. Funding: AstraZeneca Farmacéutica Spain, S.A. Duration: 2014 - 2016
- IP:** Ausina Ruiz, Vicente. *Nuevas aproximaciones moleculares al estudio epidemiológico, patogénico y diagnóstico de las infecciones respiratorias causadas por Mycoplasma pneumoniae*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Alzamora Sas, M^a Teresa. *Incidencia de arteriopatía periférica y relación con factores de riesgo cardiovascular y morbilidad cardiovascular a los 5 años de seguimiento de la cohorte poblacional ARTPER*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Montesinos Sanz, Susanna. *Efectividad de una intervención breve en mayores de 64 años con consumo de riesgo de alcohol en atención primaria. Ensayo clínico aleatorizado comunitario*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Forés Raurell, Rosa. *Cilostazol en el tratamiento de la arteriopatía periférica: reacciones adversas cardiovasculares y hemorrágicas en condiciones de uso reales*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016
- IP:** Torán Monserrat, Pere. *RETINAL, Sistema de análisis y procesamiento de imagen de Retinografía, como herramienta de apoyo a la detección de infarto cerebral silencioso*. Funding: ULMA Innovacion,S.L. Duration: 2012 - 2016
- IP:** Forés Raurell, Rosa. *Utilidad de la retinografía con cámara amidriática en la detección de isquemia cerebral silente. Estudio RETINO-ICS*. Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2016
- IP:** Mata Cases, José Manuel. *Estudio de morbilidad y mortalidad cardiovascular en pacientes con diabetes tipo 2 en Catalunya*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Franch Nadal, Josep. *Estudio descriptivo del control multifactorial de la diabetes tipo 2 e intensidad del tratamiento en Atención Primaria en mayores de 65 años*. Funding: Novartis Farmacéutica, S.A. Duration: 2013 - 2015
- IP:** Franch Nadal, Josep. *Estudio de morbilidad y mortalidad cardiovascular en pacientes con diabetes tipo 2 en Catalunya*. Funding: Merck Sharp & Dohme de España, S.A. Duration: 2013 - 2015
- IP:** Franch Nadal, Josep. *Estudio sobre el uso de antidiabéticos orales en la Atención Primaria de Catalunya: análisis de las contraindicaciones formales*. Funding: Boehringer Ingelheim España, S.A. Duration: 2013 - 2015
- IP:** Rodríguez Gonzalez, Luis. *Detecció precoç de malalties cròniques del fetge en població adulta aparentment sana*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2013 - 2015

Group articles

- Agüero F, González-Zobl G, Baena-Díez JM, Dégano IR, García-Gil M, Alzamora MT, Marrugat J, Comas-Cufí M, Pera G, Elosua R, Ramos R, Grau M. Prevalence of lower extremity peripheral arterial disease in individuals with chronic immune mediated inflammatory disorders. Atherosclerosis. 2015 Sep; 242(1):1-7. doi:10.1016/j.atherosclerosis.2015.06.054. pii:S0021-9150(15)30015-0. PMID:26160040. **FI: 3,994**
- López-Cancio E, Torán P, Forés R, Mataró M. Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. Hum Brain Mapp. 2015;2(36):577-590. PMID:25324040. **FI: 5,969**
- Medrano R, Pera G, Gil E, Valverde I, García O, Medrano B. Termometría plantar y pie de riesgo en atención primaria. Estudio TERMOPIEDI. Nure Investigación. 2015;12(77):1-9.
- Pera G, Medrano R, Medrano B. Termometría plantar y pie de riesgo en Atención Primaria. Estudio TERMOPIEDI. Nure Investigación. 2015;13:77.
- Ruiz Comellas A, Pera G, Baena Díez JM, Heras A, Alzamora Sas MT, Forés Raurell R, Torán Monserrat P, Mundet Tudurí X. The relationship between physical activity in leisure time and the ankle-brachial index in a general Spanish population: The ARTPER study. Medicina clínica. 2015 Nov; 145(10):419-26. doi:10.1016/j.medcli.2015.01.015. Epub 2015 Mar 29. Spanish. PMID:25825220. **FI: 1,417**

Torán P, Forés R, Mataró M. Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. *Hum Brain Mapp.* 2015;36(2):577-590. PMID:25924040. **FI: 5,969**

Group Awards

Best communication. 66a Reunió de la Societat Catalana de Neuropsicologia. Influencia del ejercicio físico y la genética sobre la cognición en una muestra comunitaria amplia. Pera G, Alzamora MT, Torán P, Forés R, Heras A. Congress Award. III Jornada de Doctorat de la Facultat de Psicologia de la Universitat de Barcelona. Functional, structural and metabolic remodeling related to cognitive recovery in ischemic stroke patients. Torán P, Forés R, Alzamora MT, Pera G, Muñoz L.

Indicators

Researchers with PhD	1
Total number of projects in which group members have participated	20
Total number of projects in which the PI of the project has belonged to the group	3
Total Funding	869.113,31 €
Scientific publications in indexed journals	4
Total Impact factor	17,35
Nº of articles in Q1 journals	3
Q1 IF	15,932
Nº of articles in Q2 journals	1
Q2 IF	1,417

Research Group: GRECAP (Cardiovascular Research Group)

Constituted by general practitioners and a specialist in preventive medicine. All members have research experience and have received training in the Hospital del Mar Medical Research Institute (IMIM) or the Vall d'Hebron Research Institute (VHIR). Also, they are all engaged in clinical practice and three members of the group are lecturers at the Medical Faculty of the Universitat Autònoma de Barcelona (UAB).

The CVRG focuses mainly on the study of heart failure, the secondary prevention of ischemic heart disease, high blood pressure and the psychosocial aspects of cardiovascular disease from a primary care perspective.

Lines: Heart failure, epidemiology, effectiveness of management, diagnostic criteria and secondary prevention, Psychosocial factors associated with cardiovascular risk, Secondary prevention of ischemic heart disease and readmissions due to heart failure, Epidemiology and control of two cardiovascular risk factors: hypertension and diabetes.

Group Leader

Muñoz Pérez, Miguel Ángel



Researchers

Del Val García, José Luis
Domingo Teixidor, M^a Mar
Verdú Rotellar, José María
Vinyoles Bargalló, Ernest

The group participates in the following projects

IP: Verdú Rotellar, José María. Estratificación pronóstica de la insuficiencia cardiaca descompensada en atención primaria: Estudio HEFESTOS. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Muñoz Pérez, Miguel Angel. Epidemiology of Heart Failure in Catalonia: a cohort study. Funding: Novartis Pharma AG. Duration: 2015 - 2017

IP: Fernandez Liz, Eladio. Factors que influeixen en la despesa farmacèutica i assignació de pressupostos de farmàcia als Equips d'Atenció Primària. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2017

IP: Muñoz Pérez, Miguel Angel. Efecto de una intervención intensiva sobre el estilo de vida a base de una dieta mediterránea tradicional con restricción de energía, actividad física y tratamiento conductual sobre la prevención de enfermedad cardiovascular. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Foguet Boreu, Quintí. Identificación de los patrones de multimorbilidad y la polimedicación asociada, a una muestra poblacional de atención primaria. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Guitart Gonzalez, Queral. Malalt Crònic Complex: Diferència en la utilització dels serveis d'urgències (CUAP i Urgències Hospitalàries) abans i després de la implantació de la ruta PCC. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Ramon Rona, Silvia. Efectivitat del tractament amb ones de xoc i exercici específic en el síndrome subacromial comparat amb només exercici. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Soldevila Bacardit, Núria. Efectes de la contaminació atmosfèrica sobre la pressió arterial ambulatoria. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

- IP:** Muñoz Pérez, Miguel Angel. Factores pronósticos de mortalidad a corto plazo en enfermos con Insuficiencia cardíaca avanzada: Estudio HADES. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016
- IP:** Muñoz Pérez, Miguel Angel. HEFESTOS STUDY (HEart Failure European STRatification and OutcomeS). Funding: European General Practise Research Network (EGPRN). Duration: 2015 - 2016
- IP:** Ostiz Zubieta, Fabián. Efectivitat del tractament amb ones de xoc. Assaig clínic aleatoritzat. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Muñoz Pérez, Miguel Angel. Eficacia de la prevención secundaria de la cardiopatía isquémica en atención primaria (Estudio ICAR: Intervención en la Comunidad de Alto Riesgo Coronario). Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016
- IP:** Vinyoles Bargalló, Ernest. Efectividad de la Temporización de la administración de Aspirina en pacientes Hipertensos en tratamiento con bajas dosis de AAS como Prevención Secundaria. TAHPS. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016
- IP:** Torán Monserrat, Pere. RETINAL, Sistema de análisis y procesamiento de imagen de Retinografía, como herramienta de apoyo a la detección de infarto cerebral silencioso. Funding: ULMA Innovacion, s.l.. Duration: 2012 - 2016
- IP:** Benítez Camps, Mènci. Evaluación de la relación entre paracetamol efervescente y presión arterial. Ensayo clínico. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2016
- IP:** Ostiz Zubieta, Fabián. Avaluació de la eficàcia de la neuroestimulació del nervi tibial en el síndrome de l'intestí irritable. Estudi clínic, prospectiu i aleatoritzat. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** García Gil, Maribel. Avaluació d'una intervenció del dolor d'esquena des de l'Atenció Primària: programa d'educació sanitària en l'àmbit escolar. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Balcells Vilarnau, Ligeia. Avaluació d'una intervenció del dolor d'esquena des de l'Atenció Primària: programa d'educació sanitària en l'àmbit escolar. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Franch Nadal, Josep. Estudio de morbilidad y mortalidad cardiovascular en pacientes con diabetes tipo 2 en Catalunya. Funding: Merck Sharp & Dohme de España, S.A. Duration: 2013 - 2015
- IP:** Cordoní Saborit, Sílvia. Proyecto de telemonitorización en pacientes crónicos. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2015
- IP:** Díaz Gete, Laura. Efectividad de una intervención con seguimiento por correo electrónico del abandono sostenido del tabaquismo (Estudio TABATIC). Ensayo clínico aleatorizado controlado multicéntrico. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015
- IP:** Vinyoles Bargalló, Ernest. Efectividad de la Temporización de la administración de Aspirina en pacientes Hipertensos en tratamiento con bajas dosis de AAS como Prevención Secundaria. TAHPS. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

The group participates in the following articles

- Benitez-Camps M, Vinyoles-Bargalló E, Rebagliato-Nadal O, Morros-Pedrós R, Pera-Pujadas H, Dalfó-Baqué A, López-Pavón I, Roca-Sánchez C, Coma-Carbó RM, De La Figuera Von Wichmann M, Mengual-Martínez L, Yuste-Marco C, Teixidó-Colet M, Pepió i Vilaubí JM, Ciurana-Tost R, Pou-Vila R, Vila-Coll MA, Bordas-Julve JM, Aragonès-Forès R, Pelegrina-Rodríguez FJ, Agudo-Ugena J, Blanco-Mata C, de la Iglesia Berrojalbiz J, Burgos-Alonso N, Gómez-Fernández MC. Evaluation of the relationship between effervescent paracetamol and blood pressure: clinical trial. BMC cardiovascular disorders. 2015 ; 15:167. doi:10.1186/s12872-015-0161-7. Epub 2015 Dec 10. pmc:PMC4676099. PMID:26654907. **FI: 2,021**
- Casañas R, Catalán R, Penadés R, Real J, Valero S, Muñoz M, Lalucat-Jo L, Casas M. Evaluation of the Effectiveness of a Psychoeducational Intervention in Treatment-Naïve Patients with Antidepressant Medication in Primary Care: A Randomized Controlled Trial. TheScientificWorldJournal. 2015 ; 2015:718607. doi:10.1155/2015/718607. pmc:PMC4562075. PMID:26380366.
- Comín-Colet J, Enjuanes C, Verdú-Rotellar JM, Linas A, Ruiz-Rodríguez P, González-Robledo G, Farré N, Moliner-Borja P, Ruiz-Bustillo S, Bruguera J. Impact on clinical events and healthcare costs of adding telemedicine to multidisciplinary disease management programmes for heart failure: Results of a randomized controlled trial. Journal of telemedicine and telecare. 2015 Sep; doi:10.1177/1357633X15600583. pii:1357633X15600583. PMID:26350543. **FI: 1,542**

de la Sierra A, Gorostidi M, Banegas JR, Segura J, Vinyoles E, de la Cruz JJ, Ruilope LM. Ambulatory Blood Pressures in Hypertensive Patients Treated With One Antihypertensive Agent: Differences Among Drug Classes and Among Drugs Belonging to the Same Class. *Journal of clinical hypertension (Greenwich, Conn.)*. 2015 Nov; 17(11):857-65. doi:10.1111/jch.12623. PMID:26205479. **FI: 2,851**

Díaz-López A, Babio N, Martínez-González MA, Corella D, Amor AJ, Fitó M, Estruch R, Arós F, Gómez-Gracia E, Fiol M, Lapetra J, Serra-Majem L, Basora J, Basterra-Gortari FJ, Zanon-Moreno V, Muñoz MÁ, Salas-Salvadó J. . Mediterranean Diet, Retinopathy, Nephropathy, and Microvascular Diabetes Complications: A Post Hoc Analysis of a Randomized Trial. *Diabetes care*. 2015 Nov; 38(11):2134-41. doi:10.2337/dcl5-1117. pii:dcl5-1117. PMID:26370380. **FI: 8,420**

Eguaras S, Toledo E, Buil-Cosiales P, Salas-Salvadó J, Corella D, Gutierrez-Bedmar M, Santos-Lozano JM, Arós F, Fiol M, Fitó M, Ros E, Serra-Majem L, Pintó X, Martínez JA, Sorlí JV, Muñoz MA, Basora J, Estruch R, Martínez-González MÁ. Does the Mediterranean diet counteract the adverse effects of abdominal adiposity?. *Nutrition, metabolism, and cardiovascular diseases: NMCD*. 2015 Jun; 25(6):569-74. doi:10.1016/j.numecd.2015.03.001. pii:S0939-4753(15)00057-5. PMID:25921850. **FI: 3,323**

Enjuanes C, Bruguera J, Grau M, Cladellas M, Gonzalez G, Meroño O, Moliner-Borja P, Verdú JM, Farré N, Comín-Colet J. Iron Status in Chronic Heart Failure: Impact on Symptoms, Functional Class and Submaximal Exercise Capacity. *Revista española de cardiología (English ed.)*. 2016 Mar; 69(3):247-55. doi:10.1016/j.rec.2015.08.018. pii:S1885-5857(15)00369-2. PMID:26684058.

Filomena J, Riba-Llena I, Vinyoles E, Tovar JL, Mundet X, Castañé X, Vilar A, López-Rueda A, Jiménez-Baladó J, Car-tanyà A, Montaner J, Delgado P. Short-Term Blood Pressure Variability Relates to the Presence of Subclinical Brain Small Vessel Disease in Primary Hypertension. *Hypertension*. 2015 Sep; 66(3):634-40; discussion 445. doi:10.1161/HYPERTENSIONAHA.115.05440. pii:HYPERTENSIONAHA.115.05440. PMID:26101344. **FI: 6,480**

Gorostidi M, Banegas JR, de la Sierra A, Vinyoles E, Segura J, Ruilope LM. Ambulatory blood pressure monitoring in daily clinical practice - the Spanish ABPM Registry experience. *European journal of clinical investigation*. 2016 Jan; 46(1):92-8. doi:10.1111/eci.12565. Epub 2015 Dec 23. PMID:26541761. FI: 2,734.

Gorostidi M, Sarafidis P, Sierra Ade L, Banegas JR, De La Cruz JJ, Vinyoles E, Segura J, Ruilope LM. 3D.02: Blood pressure variability increases with advancing chronic kidney disease stage. a cross-sectional analysis of 14,382 hypertensive patients from Spain. *Journal of hypertension*. 2015 Jun; 33 Suppl 1:e40. doi:10.1097/01.hjh.0000467455.93515.1e. pii:00004872-201506001-00105. PMID:26102814. **FI: 4,720**

Juanola-Falgarona M, Salas-Salvadó J, Buil-Cosiales P, Corella D, Estruch R, Ros E, Fitó M, Recondo J, Gómez-Gracia E, Fiol M, Lapetra J, Lamuela-Raventós RM, Serra-Majem L, Pintó X, Muñoz MA, Ruiz-Gutiérrez V, Alfredo Martínez J, Castro-Quezada I, Bulló M. Dietary Glycemic Index and Glycemic Load Are Positively Associated with Risk of Developing Metabolic Syndrome in Middle-Aged and Elderly Adults. *Journal of the American Geriatrics Society*. 2015 Oct; 63(10):1991-2000. doi:10.1111/jgs.13668. PMID:26480969. **FI: 4,572**

Le Reste JY, Nabbe P, Lingner H, Kasuba Lazic D, Assenova R, Munoz M, Sowinska A, Lygidakis C, Doerr C, Czachowski S, Argyriadou S, Valderas J, Le Floch B, Deriennic J, Jan T, Melot E, Barraine P, Odorico M, Lietard C, Van Royen P, Van Marwijk H. What research agenda could be generated from the European General Practice Research Network concept of Multimorbidity in Family Practice?. *BMC family practice*. 2015 ; 16(1):125. doi:10.1186/s12875-015-0337-3. pii:10.1186/s12875-015-0337-3. pmc:PMC4574005. PMID:26381383. **FI: 1,669**

Le Reste JY, Nabbe P, Rivet C, Lygidakis C, Doerr C, Czachowski S, Lingner H, Argyriadou S, Lazic D, Assenova R, Hasaganic M, Munoz MA, Thulesius H, Le Floch B, Deriennic J, Sowinska A, Van Marwijk H, Lietard C, Van Royen P. The European general practice research network presents the translations of its comprehensive definition of multimorbidity in family medicine in ten European languages. *PloS one*. 2015; 10(1):e0115796. doi:10.1371/journal.pone.0115796. pii:PONE-D-14-27841. pmc:PMC4301631. PMID:25607642. **FI: 3,234**

Martínez-González MÁ, Toledo E, Arós F, Fiol M, Corella D, Salas-Salvadó J, Ros E, Covas MI, Fernández-Crehuet J, Lapetra J, Muñoz MA, Fitó M, Serra-Majem L, Pintó X, Lamuela-Raventós RM, Sorlí JV, Babio N, Buil-Cosiales P, Ruiz-Gutierrez V, Estruch R, Alonso A. Response to Letter Regarding Article, "Extravirgin Olive Oil Consumption Reduces Risk of Atrial Fibrillation: The PREDIMED (Prevención con Dieta Mediterránea) Trial". *Circulation*. 2015 Sep; 132(10):e140-2. doi:10.1161/CIRCULATIONAHA.114.013272. pii:CIRCULATIONAHA.114.013272. PMID:26354789. **FI: 14,430**

Martínez-González MA, Zazpe I, Razquin C, Sánchez-Tainta A, Corella D, Salas-Salvadó J, Toledo E, Ros E, Muñoz MÁ, Recondo J, Gómez-Gracia E, Fiol M, Lapetra J, Buil-Cosiales P, Serra-Majem L, Pinto X, Schröder H, Tur JA, Sorli JV, Lamuela-Raventós RM, Estruch R; PREDIMED GROUP. Empirically-derived food patterns and the risk of total mortality and cardiovascular events in the PREDIMED study. *Clinical nutrition* (Edinburgh, Scotland). 2015 Oct; 34(5):859-67. doi:10.1016/j.clnu.2014.09.006. Epub 2014 Sep 16. PMID:25304294. **FI: 4,476**

Muñoz MA, Real J, Del Val JL, Vinyoles E, Mundet X, Domingo M, Enjuanes C, Verdú-Rotellar JM. Impact of the sustained control of cardiovascular risk factors on first episode heart failure: The relevant role of primary care. *The European journal of general practice*. 2015; 21(4):224-30. doi:10.3109/13814788.2015.1049154. Epub 2015 Jul 24. PMID:26205157. **FI: 1,217**

Tresserra-Rimbau A, Medina-Remón A, Lamuela-Raventós RM, Bulló M, Salas-Salvadó J, Corella D, Fitó M, Gea A, Gómez-Gracia E, Lapetra J, Arós F, Fiol M, Ros E, Serra-Majem L, Pintó X, Muñoz MA, Estruch R, . Moderate red wine consumption is associated with a lower prevalence of the metabolic syndrome in the PREDIMED population. *The British journal of nutrition*. 2015 Apr; 113 Suppl 2:S121-30. doi:10.1017/S0007114514003262. pii:S0007114514003262. PMID:26148915. **FI: 3,453**

Vinyoles E, Soldevila N, Torras J, Olona N, de la Figuera M. Prognostic value of non-specific ST-T changes and left ventricular hypertrophy electrocardiographic criteria in hypertensive patients: 16-year follow-up results from the MINACOR cohort. *BMC cardiovascular disorders*. 2015; 15:24. doi:10.1186/s12872-015-0012-6. pii:10.1186/s12872-015-0012-6. pmc:PMC4445267. PMID:25887937. **FI: 2,021**

Indicators

Researchers with PhD	9
Total number of projects in which group members have participated	22
Total number of projects in which the PI of the project has belonged to the group	8
Total Funding	631.750,35 €
Scientific publications in indexed journals	14
Total Impact factor	67,16
Nº of articles in Q1 journals	9
Q1 IF	52,519
Nº of articles in Q2 journals	3
Q2 FI	7,843

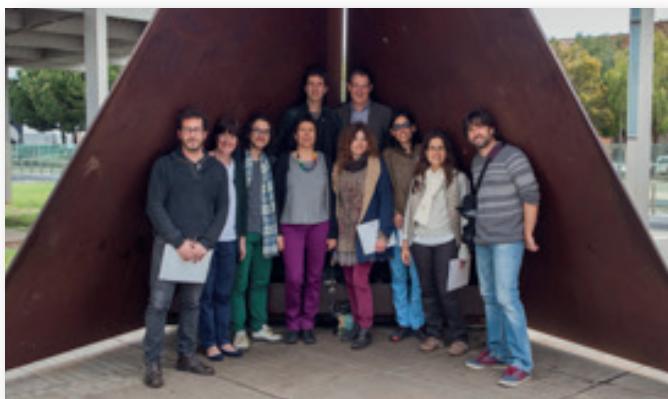
Research Group: ISV-Girona (Girona Vascular Health Research Group)

The members of the group work in different areas of the primary care health system, including management, teaching, patient care and research. The group's principal researcher is the co-ordinator of the vascular prevention group of the Health Department's Vascular Diseases Plan. The group's members participate in the ISCIII-accredited redIAPP network through the CARDIOCAT group. In collaboration with researchers from the Mar Institute for Medical Research (IMIM) and the cardiologist service of the Josep Trueta Hospital, it forms part of the REGICOR group (Girona Heart Register). Its main objective is research related to cardiovascular diseases and their risk factors.

Lines: Epidemiological study of cardiovascular disease and its risk factors. Development of a system of cardiovascular risk functions. Prevention and treatment of cardiovascular disease. Prevalence and incidence of silent myocardial infarction. Effectiveness of a feedback intervention on primary health care professionals to improve the degree of control of cardiovascular risk. Evaluation of the reliability of diagnostics and the accuracy of variables registered in electronic medical records.

Group Leader

Ramos Blanes, Rafel



Researchers

Cerezo Goyeneche, Carlos
Garcia Gil, M^a del Mar
Martí Lluch, Ruth
Ponjoan Thans, Anna
Quesada Sabaté, Miquel
Solanas Saura, Pascual

Group projects

IP: Morros Pedrós, Rosa. *Impact of adherence to the polypill components on mortality and cardiovascular morbidity: a population-based, retrospective database study.* Funding: Ferrer Internacional, S.A. Duration: 2015 - 2018

IP: Ponjoan Thans, Anna. *Association between sudden changes in ambient temperature and cardiovascular hospitalisations or mortality: a population study from Catalonia (SURIA Study).* Funding: IDIAP Jordi Gol. Duration: 2015 - 2018

IP: Ramos Blanes, Rafel. *Estimating Rates and Predictors of CVD Events in Patients with a History of CVD and in Other High Risk Populations: retrospective cohort study using Catalan SIDIAP data.* Funding: Amgen, S.A. Duration: 2015 - 2017

IP: Duarte Salles, Talita. *Validació dels diagnòstics de càncer a SIDIAP.* Funding: IDIAP Jordi Gol. Duration: 2015 - 2017

IP: Ramos Blanes, Rafel. *Estudio epidemiológico de la Hipercolesterolemia Familiar. Estudio COLGE.* Funding: IDIAP Jordi Gol. Duration: 2015 - 2017

IP: Nieuwenhuijsen, Mark. *Green Space and Mortality.* Funding: Centre de Recerca en Epidemiologia Ambiental (CREAL). Duration: 2015 - 2017

IP: Ramos Blanes, Rafel. *Characterization of the individuals with high cardiovascular risk in Catalonia regarding their cholesterol level and lipid-lowering treatment.* Funding: Lars Services Leading Advanced Research Support S.L. Duration: 2015 - 2017

- IP:** Martí Lluç, Ruth. *Avances en el manejo del riesgo cardiovascular intermedio, fase de seguimiento. Estudio MARK II (Improving interMediate Risk management)*. Funding: Instituto de Salud Carlos III. Duration: 2014 - 2017
- IP:** Ramos Blanes, Rafel. *Coste-efectividad y seguridad de la Aspirina en la prevención de enfermedad vascular, cáncer y mortalidad en España. Estudio JOANA (Joint of data on Aspirin and heAlth outcomes)*. Funding: Instituto de Salud Carlos III. Duration: 2014 - 2017
- IP:** Gayoso Diz, Pilar. *Función renal (FR) y marcadores de inflamación en relación con mortalidad, eventos cardiovascular y deterioro de FR. Estudio de cohortes en población general adulta: EPIRCE II*. Funding: Instituto de Salud Carlos III. Duration: 2014 - 2017
- IP:** Ramos Blanes, Rafel. *Advanced Approach to Arterial Stiffness (Triple A study)*. Funding: International Society of Vascular Health (ISVH). Co-sponsors: Fukuda Denshi co, Ltd. Japan; and e-CoreLab. France. Duration: 2014 - 2017
- IP:** García García, Angel. *Análisis Avanzado de rigidez Arterial. Estudio Triple A Salamanca*. Funding: Junta de Castilla y León, JCyL. Duration: 2014 - 2017
- IP:** Bolívar Ribas, Bonaventura. *European Medical Information Framework*. Funding: Laboratorios Servier, S.L. Duration: 2015 - 2016
- IP:** Bolívar Ribas, Bonaventura. *European Medical Information Framework*. Funding: Amgen, S.A. Duration: 2015 - 2016
- IP:** Ponjoan Thans, Anna. *El nivel y la variación del riesgo cardiovascular en la prevención primaria de la demencia*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2016
- IP:** Ramos Blanes, Rafel. *Health Care utilization, costs and treatment patterns associated with cardiovascular events in patients with elevated cardiovascular risk or prior CV events in SIDIAP Database*. Funding: Amgen, S.A. Duration: 2014 - 2016
- IP:** García Gil, M^a del Mar. *Efectividad del Inicio del Tratamiento Antihipertensivo en la Prevención Primaria de Eventos Cardiovasculares. Proyecto EITEC*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Bolívar Ribas, Bonaventura. *Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Alves Cabratosa, Lia. *Factors de risc associats al desenvolupament de fibril·lació auricular i estudi de l'associació del tractament amb estatines, IECAs, ARA-II i antagonistes de l'aldosterona amb la incidència d'aquesta malaltia*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** García Gil, M^a del Mar. *El Rol de las Estatinas en Prevención Primaria de Eventos Cardiovasculares en población con Enfermedad Renal Crónica (ERC). Proyecto ECERC*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2015
- IP:** Ramos Blanes, Rafel. *Patrones del uso de Estatinas en el Tratamiento del Riesgo cardiovascular elevado y Efectividad Asociada*. Funding: AstraZeneca Farmacéutica Spain, S.A. Duration: 2012 - 2015

Group articles

- Agüero F, González-Zobl G, Baena-Díez JM, Dégano IR, García-Gil M, Alzamora MT, Marrugat J, Comas-Cufí M, Pera G, Elosua R, Ramos R, Grau M. Prevalence of lower extremity peripheral arterial disease in individuals with chronic immune mediated inflammatory disorders. Atherosclerosis. 2015 Sep; 242(1):1-7. doi:10.1016/j.atherosclerosis.2015.06.054. pii:S0021-9150(15)30015-0. PMID:26160040. **FI: 3,994**
- Agüero F, Marrugat J, Elosua R, Sala J, Masiá R, Ramos R, Grau M; REGICOR Investigators. New myocardial infarction definition affects incidence, mortality, hospitalization rates and prognosis. European journal of preventive cardiology. 2015 Oct; 22(10):1272-80. doi:10.1177/2047487314546988. Epub 2014 Aug 19. PMID:25139771. **FI: 3,319**
- Álvarez-Bueno C, Cervero-Redondo I, Martínez-Andrés M, Arias-Palencia N, Ramos-Blanes R, Salcedo-Aguilar F. Effectiveness of multifactorial interventions in primary health care settings for primary prevention of cardiovascular disease: A systematic review of systematic reviews. Preventive medicine. 2015 Jul; 76 Suppl:S68-75. doi:10.1016/j.ypmed.2014.11.028. Epub 2014 Dec 12. PMID:25511466. **FI: 3,086**
- Alves-Cabratosa L, García-Gil M, Comas-Cufí M, Ponjoan A, Martí R, Parramon D, Blanch J, Ramos R. Incident atrial fibrillation hazard in hypertensive population: a risk function from and for clinical practice. Hypertension. 2015 Jun; 65(6):1180-6. doi:10.1161/HYPERTENSIONAHA.115.05198. pii:HYPERTENSIONAHA.115.05198. PMID:25847950. **FI: 6,480**
- Danaei G, Fahimi S, Lu Y, Zhou B, Hajifathalian K, Di Cesare M, Lo WC, Reis-Santos B, Cowan MJ, Shaw JE, Bentham J, Ramos R, Elosua R, Rigo F, et al. Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331,288 participants. [Article Original]. Lancet Diabetes Endocrinol. 2015;3(8):624-637. **FI: 9,185**

Dégano IR, Salomaa V, Veronesi G, Ferrières J, Kirchberger I, Laks T, Havulinna AS, Ruidavets JB, Ferrario MM, Meisinger C, Elosua R, Marrugat J; Acute Myocardial Infarction Trends in Europe (AMITIE) Study Investigators. Twenty-five-year trends in myocardial infarction attack and mortality rates, and case-fatality, in six European populations. *Heart* (British Cardiac Society). 2015 Sep; 101(17):1413-21. doi:10.1136/heartjnl-2014-307310. Epub 2015 Apr 08. PMID:25855798. **FI: 5,595**

Gomez-Sanchez L, García-Ortiz L, Patino-Alonso MC, Recio-Rodríguez JI, Frontera G, Ramos R, Martí R, Agudo-Conde C, Rodríguez-Sánchez E, Maderuelo-Fernández JA, Gomez-Marcos MA; MARK Group. The Association Between the Cardio-ankle Vascular Index and Other Parameters of Vascular Structure and Function in Caucasian Adults: MARK Study. *Journal of atherosclerosis and thrombosis*. 2015 ; 22(9):901-11. doi:10.5551/jat.28035. Epub 2015 May 20. PMID:25994828. **FI: 2,733**

Gomez-Sanchez L, García-Ortiz L, Recio-Rodríguez JI, Patino-Alonso MC, Agudo-Conde C, Rigo F, Ramos R, Martí R, Gomez-Marcos MA. Leukocyte subtype counts and its association with vascular structure and function in adults with intermediate cardiovascular risk. MARK study. *PloS one*. 2015; 10(4):e0119963. doi:10.1371/journal.pone.0119963. pii:PONE-D-14-34340. pmc:PMC4401724. PMID:25885665. **FI: 3,234**

Locke AE, Kahali B, Berndt SI, Justice AE, Pers TH, Day FR, et al. Genetic studies of body mass index yield new insights for obesity biology. *Nature*. 2015 Feb;12;518(7538):197-206. PMID: 25673413. **FI: 41,456**

Reyes C, García-Gil M, Elorza JM, Mendez-Boo L, Hermosilla E, Javaid MK, Cooper C, Diez-Perez A, Arden NK, Bolibar B, Ramos R, Prieto-Alhambra D. Socio-economic status and the risk of developing hand, hip or knee osteoarthritis: a region-wide ecological study. *Osteoarthritis and cartilage / OARS, Osteoarthritis Research Society*. 2015 Aug; 23(8):1323-9. doi:10.1016/j.joca.2015.03.020. Epub 2015 Mar 26. PMID:25819582. **FI: 4,165**

Serena J, Segura T, Roquer J, García-Gil M, Castillo J. The ARTICO study: identification of patients at high risk of vascular recurrence after a first non-cardioembolic stroke. *BMC neurology*. 2015; 15:28. doi:10.1186/s12883-015-0278-4. pii:10.1186/s12883-015-0278-4. pmc:PMC4369369. PMID:25884666. **FI: 2,040**

Velescu A, Clara A, Peñafiel J, Ramos R, Martí R, Grau M, Dégano IR, Marrugat J, Elosua R. Adding low ankle brachial index to classical risk factors improves the prediction of major cardiovascular events. The REGICOR study. *Atherosclerosis*. 2015 May; 241(2):357-363. doi:10.1016/j.atherosclerosis.2015.05.017. pii:S0021-9150(15)01318-0. PMID:26071658. **FI: 3,994**

Wood AR, Esko T, Yang J, Vedantam S, Pers TH, Gustafssons S, Ramos R et al. Defining the role of common variation in the genomic and biological architecture of adult human height. *Nat Genet*. 2015;46(11):1173-1186. PMID:25282103. **FI: 29,352**

Zabaleta-Del-Olmo E, Bolibar B, García-Ortiz L, García-Campayo J, Llobera J, Bellón JA, Ramos R. Building interventions in primary health care for long-term effectiveness in health promotion and disease prevention. A focus on complex and multi-risk interventions. *Preventive medicine*. 2015 Jul; 76 Suppl:S1-4. doi:10.1016/j.ypmed.2015.03.011. pii:S0091-7435(15)00082-1. PMID:25778858. **FI: 3,086**

Zabalza M, Subirana I, Lluís-Ganella C, Sayols-Baixeras S, de Groot E, Arnold R, Cenarro A, Ramos R, Marrugat J, Elosua R. Association Between Coronary Artery Disease Genetic Variants and Subclinical Atherosclerosis: An Association Study and Meta-analysis. *Revista española de cardiología (English ed.)* 2015 Oct; 68(10):869-77. doi:10.1016/j.rec.2014.10.023. Epub 2015 Mar 21. PMID:25804320.

Indicators

Researchers with PhD	8
Total number of projects in which group members have participated	21
Total number of projects in which the PI of the project has belonged to the group	12
Total Funding	808,557,93 €
Scientific publications in indexed journals	13
Total Impact factor	121,72
Nº of articles in Q1 journals	11
Q1 IF	113,627
Nº of articles in Q2 journals	2
Q2 FI	6,052

Research Group: MACAP (Group for the Study of Cardiovascular Diseases in Primary Care)

The study group developed from a group of professionals (family doctors, nurses, epidemiologists and cardiologists) from different primary health care centres in the south metropolitan (Barcelona) area, the Hospitals of Sant Boi and Bellvitge and researchers from the Metropolitan South Research Support Unit.

Their main objective is scientific research in the area of cardiac insufficiency, and in particular the study of diastolic dysfunction in patients with hypertension.

Lines: Heart failure, Knowledge, attitudes and skills of patients and professionals towards the management of heart failure. Evaluation of health education interventions, Chronic kidney disease as a risk factor for cardiovascular disease, Cerebrovascular disease: intensive intervention in patients who have suffered a cerebrovascular accident to improve control of risk factors and the use of antiplatelet therapy.

Group Leader

Barrio Ruiz, Carmen



Researchers

Parellada Esquiús, Neus
Rodríguez Latre, Luisa M
Salvadó Hernández, Cristina
Salvador González, Betlem
Tamayo Ojeda, Carmen

The group participates in the following projects

IP: Codorniu Junqué, Carme. *Calidad de vida de los pacientes en tratamiento y control de anticoagulantes orales (ACO) en Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2017

IP: Gayoso Diz, Pilar. *Función renal (FR) y marcadores de inflamación en relación con mortalidad, eventos cardiovasculares y deterioro de FR. Estudio de cohortes en población general adulta: EPIRCE II*. Funding: Instituto de Salud Carlos III. Duration: 2014 - 2017

IP: Salvador González, Betlem. *Riesgo cardiovascular asociado a la disminución del filtrado glomerular en mayores de 60 años en Atención Primaria*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

IP: Bonet Monné, Sara. *Consumo de analgésicos y AINEs y Enfermedad Renal Crónica*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2016

IP: Tamayo Ojeda, Carmen. *Adherència a les recomanacions de les guies de pràctica clínica en la prevenció secundària de la malaltia cerebrovascular: factors relacionats amb els pacients i amb els professionals*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016

IP: Isidro Albaladejo, Mónica. *Evaluación de la eficacia de la aplicación de la moxibustión en presentaciones no cefálicas en gestantes atendidas en atención primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016

IP: Salvadó Hernandez, Cristina. *Adaptación de la familia ante el diagnóstico de diabetes mellitus tipo 1 de uno de sus miembros en edad infantil*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2016

IP: Garcia Cerdan, M^a Rosa. *Actituds, coneixements i pràctiques en l'autocura en pacients amb insuficiència cardíaca atesos a l'atenció primària*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2015

The group participates in the following articles

Viniegra Domínguez MA, Parellada Esquius N, Miranda de Moraes Ribeiro R, Parellada Pérez LM, Planas Olives C, Momblan Trejo C. An integral approach to insomnia in primary care: Non-pharmacological and phytotherapy measures compared to standard treatment. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Jun-Jul; 47(6):351-8. doi:10.1016/j.aprim.2014.07.009. Epub 2014 Oct 28. Spanish. PMID:25443769. **FI: 0,953**

Indicators

Researchers with PhD	1
Total number of projects in which group members have participated	8
Total number of projects in which the PI of the project has belonged to the group	3
Total Funding	56.851,08 €
Scientific publications in indexed journals	1
Total Impact factor	0,95
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	0
Q2 FI	

Research Group: MACAP RENAL (Group for the study of Cardiovascular Diseases in Primary Care)

The main focus of this group is firstly to investigate mild-moderate Chronic Kidney Disease (CKD) as a cardiovascular risk factor in our setting, a Mediterranean region with a low incidence of cardiovascular disease; in addition, we study mild-moderate CKD (prevalence, incidence and evolution) in primary care.

The principal objective of the group is to evaluate cardiovascular risk (incidence of cardiovascular events) associated with a decrease of the estimated glomerular filtration rate (eGFR) in primary care patients over 60 years of age. In addition, the group has started a new line of research to evaluate the association between the incidence of cardiovascular events and blood pressure control in hypertensive patients and eGFR, as well as the evolution of mild-moderate CKD in relation to blood pressure control.

Lines: Mild-moderate Chronic Kidney Disease (CKD) as a cardiovascular risk factor in a Mediterranean setting with a low incidence of cardiovascular disease; To study the prevalence, incidence and evolution of the initial phases of CKD in primary care patients.

Group Leader

Salvador Gonzalez, Betlem



Researchers

Alonso Bes, Eva
Alvarez Funes, Virtudes
Ceraín Herrero, M^a Jesús
Cunillera Puértolas, Oriol
Freixes Villaró, Esther
Gil Terrón, Neus
Güell Miro, Roser
Mestre Ferrer, Jordi
Pascual Benito, M^a Luisa
Rodríguez Latre, Luisa M
Rodríguez Pascual, Mercedes
Ruipérez Guijarro, Laura
Soler Vila, Maria
Tovillas Morán, Francisco Javier

The group participates in the following projects

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018

IP: Berenguera Ossó, Anna. *El reto de cambiar y mantener conductas saludables. El Coaching Psicología para capacitar a personas con artrosis de rodilla y mejorar su calidad de vida*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Llovet Lombarte, M^a Isabel. *Consens de Resultats Crítics del Laboratori (CRICS)*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2018

IP: Codorniu Junqué, Carme. *Calidad de vida de los pacientes en tratamiento y control de anticoagulantes orales (ACO) en Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2017

IP: Gayoso Diz, Pilar. *Función renal (FR) y marcadores de inflamación en relación con mortalidad, eventos cardiovasculares y deterioro de FR. Estudio de cohortes en población general adulta: EPIRCE II*. Funding: Instituto de Salud Carlos III. Duration: 2014 - 2017

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017

IP: Salvador Gonzalez, Betlem. *Riesgo cardiovascular asociado a la disminución del filtrado glomerular en mayores de 60 años en Atención Primaria*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

IP: Bonet Monné, Sara. *Consumo de analgésicos y AINES y Enfermedad Renal Crónica*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2016

IP: Tamayo Ojeda, Carmen. *Adherència a les recomanacions de les guies de pràctica clínica en la prevenció secundària de la malaltia cerebrovascular: factors relacionats amb els pacients i amb els professionals*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016

IP: Díaz Gete, Laura. *Efectividad de una intervención con seguimiento por correo electrónico del abandono sostenido del tabaquismo (Estudio TABATIC). Ensayo clínico aleatorizado controlado multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

IP: Garcia Cerdan, M^a Rosa. *Actituds, coneixements i pràctiques en l'autocura en pacients amb insuficiència cardíaca atesos a l'atenció primària*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2015

IP: Rodriguez Cristobal, Juan Jose. *Impacto de una intervención en los estilos de vida en los factores de riesgo cardiovascular y la ateromatosis subclínica en pacientes con hiperfibrinogenemia en la atención primaria de salud (Estudio IMENCAR)*. Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2015

The group participates in the following articles

Benítez Camps M, Cerain Herrero MJ, de Miguel Llorente N, Martorell Sole E, Flores Mateo G, Pedro Pijoan AM, Murillo-Huapaya C. Tamsulosin efficacy and safety for conservative management of renal colic: systematic review and meta-analysis of randomized controlled trials]. *Medicina clínica*. 2015 Sep; 145(6):239-47. doi:10.1016/j.med-cli.2015.01.029. Epub 2015 May 14. Spanish. PMID:25982524. **FI: 1,417**

Cunillera O, Almeda J, Mascort J, Basora J, Marzo MM, and the Catalan kiwifruit Study Group. Improvement of functional constipation with kiwifruit intake in a Mediterranean patient population: An open, non-randomized pilot study. *Rev Esp Nutr Hum Diet*. 2015;19(2):58-67. DOI: 10.14306/renhyd.0.0.131

Ferrer A, Formiga F, Cunillera O, Megido MJ, Corbella X, Almeda J; Octabaix Study Group. Predicting factors of health-related quality of life in octogenarians: a 3-year follow-up longitudinal study. *Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation*. 2015 Nov; 24(11):2701-11. doi:10.1007/s11136-015-1004-9. Epub 2015 May 24. PMID:26003314. **FI: 2,486**

Gella J, Alsina MJ, Biosca C, Serrat N, Montesinos M, Ruiz J, Ibarz M, Simon M, Alvarez V, Torres J, Llovet MI, Blanco A, Sánchez M. Evaluación multicéntrica de materiales para el control de calidad de los índices séricos. *Revista del laboratorio clínico*. 2015;8:61-66.

Marzo-Castillejo M, Almeda J, Mascort JJ, Cunillera O, Saladich R, Nieto R, Piñeiro P, Llagostera M, Cantero F, Segarra M, Puente D. Appropriateness of colonoscopy requests according to EPAGE-II in the Spanish region of Catalonia. *BMC family practice*. 2015; 16(1):154. doi:10.1186/s12875-015-0369-8. pii:10.1186/s12875-015-0369-8. pmc:PMC4620598. PMID:26498043. **FI: 1,669**

Perich C, Minchinela J, Ricós C, Fernández-Calle P, Alvarez V, Doménech MV, Simón M, Biosca C, Boned B, García-Lario JV, Cava F, Fernández-Fernández P, Fraser CG. Biological variation database: structure and criteria used for generation and update. *Clinical chemistry and laboratory medicine : CCLM / FESCC*. 2015 Feb; 53(2):299-305. doi:10.1515/cclm-2014-0739. pii:/j/cclm.ahead-of-print/cclm-2014-0739/cclm-2014-0739.xml. PMID:25415636. **FI: 2,707**

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XVIII Programa de Garantía Externa de la Calidad de Bioquímica (Hemoglobina A1c) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/90.%20Hemoglobina.pdf>. 2015;1:197-199.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernandez Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XX Programa de Garantía Externa de la Calidad de Bioquímica (gases en sangre-POCT) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/80.Gases%20en%20sangre.pdf>. 2015;1:183-195.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. VII Programa de Garantía Externa de la Calidad de Bioquímica (drogas de abuso en orina) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/120.%20Drogas%20de%20abuso.pdf>. 2015;1:236-245.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. IX Programa de Garantía Externa de la Calidad de Bioquímica (componentes monoclonales) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/130.%20C.%20Monoclonales.pdf>. 2015;1:248-262.

Ramon F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XIV Programa de Garantía Externa de la Calidad de Bioquímica (marcadores cardíacos) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/110.%20M.%20Cardiacos.pdf> 2015;1:223-233.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XXIII Programa de Garantía Externa de la Calidad de Bioquímica (hormonas) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/60.%20Hormonas.pdf>. 2015;1:100-142.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XXIV Programa de Garantía Externa de la Calidad de Bioquímica (orina) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/50.%20Orina.pdf>. 2015;1:73-98.

Ramon F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XXI Programa de Garantía Externa de la Calidad de Bioquímica (proteínas) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/70.%20Prote%C3%ADnas.pdf>. 2015;1:144-180.

Ramon F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XIV Programa de Garantía Externa de la Calidad de Bioquímica (marcadores tumorales) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/100.%20M.Tumorales.pdf>. 2015;1:202-220.

Ricós C, Álvarez V, Perich C, Fernández-Calle P, Minchinela J, Cava F, Biosca C, Boned B, Doménech M, García-Lario JV, Simón M, Fernández PF, Diaz-Garzón J, González-Lao E. Rationale for using data on biological variation. *Clinical chemistry and laboratory medicine : CCLM / FESCC*. 2015 May; 53(6):863-70. doi:10.1515/cclm-2014-1142. pii:/j/cclm.2015.53.issue-6/cclm-2014-1142/cclm-2014-1142.xml. PMID:25928757. **FI: 2,707**

Indicators

Researchers with PhD	2
Total number of projects in which group members have participated	13
Total number of projects in which the PI of the project has belonged to the group	1
Total Funding	662.654,19 €
Scientific publications in indexed journals	5
Total Impact factor	10,99
Nº of articles in Q1 journals	2
Q1 IF	5,414
Nº of articles in Q2 journals	3
Q2 FI	5,572

Research Group: PRECARTE (Cardiovascular Prevention in Terres de l'Ebre)

This is a multidisciplinary research team constituted by primary care professionals of the Terres de l'Ebre health region, professionals from the hospital Verge de la Cinta of Tortosa, members of the Catalan Institute of Pharmacology Foundation and of the Research Support Unit Terres de l'Ebre.

The main objectives of the CarPreTe are the primary and secondary prevention of cardiovascular diseases through the detection, treatment and control of modifiable cardiovascular risk factors: smoking, dyslipidemia (particularly hypercholesterolemia), high blood pressure, diabetes, overweight and obesity.

Lines: *Primary prevention of stroke and impact of early detection of atrial fibrillation (AF) in stroke prevention, Type 2 diabetes and the role of the Mediterranean diet in preventing the decline of renal function, LDL-C control in ischemic heart disease through the implementation of a clinical guideline.*

Group Leader

Dalmau Llorca, Maria Rosa



Researchers

Aguilar Martín, Carina
Bofill Montoro, Domingo
Boira Costa, Miriam
Calduch Noll, Cristina
Clua Espuny, Josep Lluís
Diogène Fadini, Eduardo
Forcadell Drago, Emma
Garces Redondo, Moises
Gentile Lorente, Delicia Ines
López Pablo, Carlos
Lucas Noll, Jorgina
Panisello Tafalla, Anna
Pepió Vilaubí, Josep M.
Ripollés Vicente, Maria Rosa
Rocha Ramírez, Lizeth Mayid
Rodríguez Cumplido, Dolores
Rue Monne, Montserrat

The group participates in the following projects

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018

IP: Llovet Lombarte, M^a Isabel. *Consens de Resultats Crítics del Laboratori (CRICS)*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2018

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017

IP: Foguet Boreu, Quintí. *Identificación de los patrones de multimorbilidad y la polimedicación asociada, a una muestra poblacional de atención primaria*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Morros Pedrós, Rosa. *Estudio en diferentes fases de la efectividad, seguridad y costes de la prevención tromboembólica en pacientes con fibrilación no valvular. Estudio ESC-FA*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2017

IP: Violán Fors, Concepció. *Dronedarone utilization study in Catalonia, Spain, using SIDIAP database*. Funding: Sanofi Aventis, S.A. Duration: 2013 - 2016

IP: Benítez Camps, Mènci. *Evaluación de la relación entre paracetamol efervescente y presión arterial. Ensayo clínico*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2016

IP: Satue Vallve, Beatriz. *La despesa en farmàcia a l'Atenció Primària: existeix relació amb els resultats de qualitat valorats a l'Institut Català de la Salut?* Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following articles

Agustí Escasany A, Rodríguez D. Biosimilars: current reality, promising future? *Med Clin (Barc)*. 2015;1(145):18-20. doi:10.1016/j.medcli.2015.03.006. PMID:25978924. **FI: 1,417**

Benitez-Camps M, Vinyoles-Bargalló E, Rebagliato-Nadal O, Morros-Pedros R, Pera-Pujadas H, Dalfó-Baqué A, López-Pavón I, Roca-Sánchez C, Coma-Carbó RM, De La Figuera Von Wichmann M, Mengual-Martínez L, Yuste-Marco C, Teixidó-Colet M, Pepió i Vilaubí JM, Ciurana-Tost R, Pou-Vila R, Vila-Coll MA, Bordas-Julve JM, Aragonès-Forès R, Pelegrina-Rodríguez FJ, Agudo-Ugena J, Blanco-Mata C, de la Iglesia Berrojalbiz J, Burgos-Alonso N, Gómez-Fernández MC. Evaluation of the relationship between effervescent paracetamol and blood pressure: clinical trial. *BMC cardiovascular disorders*. 2015 ; 15:167. doi:10.1186/s12872-015-0161-7. Epub 2015 Dec 10. pmc:PMC4676099. PMID:26654907. **FI: 2,021**

Callau C, Lejeune M, Korzynska A, García M, Bueno G, Bosch R, Jaén J, Orero G, Salvadó T, López C. Evaluation of cytokeratin-19 in breast cancer tissue samples: a comparison of automatic and manual evaluations of scanned tissue microarray cylinders. *Biomedical engineering online*. 2015 Aug; 14 Suppl 2:S2. doi:10.1186/1475-925X-14-S2-S2. pii:1475-925X-14-S2-S2. pmc:PMC4547150. PMID:26329009. **FI: 1,427**

Capdevila J, Sevilla I, Alonso V, Antón Aparicio L, Jiménez Fonseca P, Grande E, Reina JJ, Manzano JL, Alonso Lájara JD, Barriuso J, Castellano D, Medina J, López C, Segura Á, Carrera S, Crespo G, Fuster J, Munarriz J, García Alfonso P. Evaluation of the efficacy and safety of lanreotide in combination with targeted therapies in patients with neuroendocrine tumours in clinical practice: a retrospective cross-sectional analysis. *BMC cancer*. 2015 ; 15:495. doi:10.1186/s12885-015-1512-6. pii:10.1186/s12885-015-1512-6. pmc:PMC4490650. PMID:26138480. **FI: 3,362**

Clua-Espuny JL, Ripolles-Vicente R, Forcadell-Arenas T, Gil-Guillen VF, Queralt-Tomas ML, González-Henares MA, Panisello-Tafalla A, López-Pablo C, Lucas-Noll J. Sex Differences in Long-Term Survival after a First Stroke with Intravenous Thrombolysis: Ebrictus Study. *Cerebrovascular diseases extra*. 2015 Sep-Dec; 5(3):95-102. doi:10.1159/000440734. pii:cee-0005-0095. pmc:PMC4662271. PMID:26648964.

Clua-Espuny JL, Ripolles-Vicente R, Lopez-Pablo C, Panisello-Tafalla A, Lucas-Noll J, Caldach-Noll C, González-Henares MA, Queralt-Tomas ML. Differences in the survival after an episode of stroke treated with thrombolytic therapy. Study Ebrictus. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Feb; 47(2):108-16. doi:10.1016/j.aprim.2014.04.008. Epub 2014 Jun 19. Spanish. PMID:24953174. **FI: 0,953**

Panisello-Tafalla A, Clua-Espuny JL, Gil-Guillen VF, González-Henares A, Queralt-Tomas ML, López-Pablo C, Lucas-Noll J, Lechuga-Duran I, Ripolles-Vicente R, Carot-Domenech J, López MG. Results from the Registry of Atrial Fibrillation (AFABE): Gap between Undiagnosed and Registered Atrial Fibrillation in Adults—Ineffectiveness of Oral Anticoagulation Treatment with VKA. *BioMed research international*. 2015 ; 2015:134756. doi:10.1155/2015/134756. pmc:PMC4502299. PMID:26229954. **FI: 1,579**

Prizes

Congress Award XXXI Jornades Mèdiques i de la Salut de les Terres de l'Ebre. Pacient amb ictus tractat amb fibrinòlisi: Anàlisi de la mortalitat als 3 mesos, a l'any i als 5 anys. Garces M.

Indicators

Researchers with PhD	9
Total number of projects in which group members have participated	9
Total number of projects in which the PI of the project has belonged to the group	
Total Funding	785.177,00 €
Scientific publications in indexed journals	5
Total Impact factor	10,76
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	2
Q2 FI	4,779

Research Area: Endocrine

Research Group: DAP_CAT (Epidemiologic Research Group in Diabetes from Primary Health Care DAP_CAT)

The group is made up of family doctors from the Catalan Health Institute (ICS) with wide experience in the world of diabetes. All of them collaborate with other research groups or scientific societies such as the Spanish Diabetes Society, CAMFiC-SEMFyC, SEMERGEN, or CIBER-DM, and notably in coordination with the group GEDAPS Catalunya and the RedGEDAPS Espanya. It has also collaborated in drawing up the National Health System's diabetes strategy and the Diabetes mellitus type 2 Clinical Practice Guide for the Instituto de Salud Carlos III and the Ministry of Health. The Catalan Advisory Council on Diabetes systematically uses the group's data to prepare its recommendations.

The group's main objective is the study of Diabetes mellitus type 2 in primary health care through epidemiological studies based on the exhaustive analysis of the data obtained from e-CAP (electronic clinical records), which will provide demographic and epidemiological information as well as better knowledge of metabolic control, the coexistence of other risk factors, the presence of complications, treatment compliance and therapeutic inertia.

Lines: Metabolic control of type 2 diabetes Chronic complications of type 2 diabetes Diseases associated with type 2 diabetes Mortality in diabetes patients.

Group Leader

Franch Nadal, Josep



Researchers

Baena Díez, Jose Miguel
Barrot de la Puente, Joan Francesc
Coll de Tuero, Gabriel
Cos Claramunt, Francesc Xavier
Mata Cases, José Manuel
Mauricio Puente, Dídac
Molló Iniesta, M. Angels
Mundet Tudurí, Xavier
Ortega Martínez de Victoria, Emilio
Rodríguez Poncelas, Antonio

The group participates in the following projects

IP: Costa Pinel, Bernardo. *Diabetes Prevention - Translating a feasible and cost-effective lifestyle intervention into primary care to reduce the social burden of type 2 diabetes.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Costa Pinel, Bernardo. *Diabetes Prevention - Translating a feasible and cost-effective lifestyle intervention into primary care to reduce the social burden of type 2 diabetes.* Funding: Boehringer Ingelheim España, S.A. Duration: 2015 - 2018

IP: Barrio Torrell, Francisco. *Rendimiento de la nueva escala nacional de riesgo CATDRISC para cribar y predecir a 10 años la diabetes tipo 2 en la cohorte DE-PLAN-CAT.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Delgado Martínez, MP. *Influencia del tipo de tratamiento antihipertensivo prescrito en la práctica clínica habitual sobre la variabilidad de la presión arterial y el riesgo cardiovascular del hipertenso.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

- IP:** Mata Cases, José Manuel. *Inercia terapéutica en los pacientes con Diabetes tipo 2 tratados con dos o más antidiabéticos no insulínicos seguidos durante 7 años en un registro poblacional*. Funding: Sanofi Aventis, S.A. Duration: 2015 - 2018
- IP:** Molló Iniesta, M. Angels. *Estudio INTEGRA: estrategia de INTERvención intEgral en pacientes con mal control Glucémico de la diabetes mellitus tipo 2 en el Ámbito de Atención PRimaria*. Funding: Sanofi Aventis, S.A. Duration: 2014 - 2018
- IP:** Prieto Alhambra, Daniel. *Asociación entre el uso de fármacos anti-osteoporosis y medicamentos anti-diabéticos y riesgo de fractura sintomática en pacientes con Diabetes Mellitus tipo 2*. Funding: FEIOMM. Duration: 2015 - 2017
- IP:** Cos Claramunt, Francesc Xavier. *eControl 2007-2013. Estudio longitudinal del control multifactorial de la diabetes tipo 2 e intensidad del tratamiento en Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Morató Griera, Jaume. *Estudi MISERIA (EconoMia i díficultats Socials En el contRol de la diabetis dels Adults)*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Muñoz Pérez, Miguel Angel. *Factores pronósticos de mortalidad a corto plazo en enfermos con Insuficiencia cardíaca avanzada: Estudio HADES*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016
- IP:** Berenguera Ossó, Anna. *Las Actitudes, Diferencias Y control de la DIABetes. Diferencias entre géneros*. Funding: Novartis Farmacéutica, S.A. Duration: 2015 - 2016
- IP:** Mundet Tudurí, Xavier. *Estudi de les diferències en la morbiditat i mortalitat cardiovascular entre els pacients amb diabetis mellitus tipus 2 mediterranis (Catalunya) i anglosaxons (Anglaterra)*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016
- IP:** Bonet Monné, Sara. *Consumo de analgésicos y AINEs y Enfermedad Renal Crónica*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2016
- IP:** Franch Nadal, Josep. *Estudio longitudinal del control multifactorial de la diabetes tipo 2 e intensidad del tratamiento en Atención Primaria*. Funding: AstraZeneca Farmacéutica Spain, S.A.. Duration: 2014 - 2016
- IP:** Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2016
- IP:** Boix de la Casa, Carme. *Ensayo clínico aleatorizado controlado sobre la efectividad del programa de paciente experto en atención primaria en el control de la diabetes mellitus tipo 2*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2013 - 2016
- IP:** Muñoz Pérez, Miguel Angel. *Eficacia de la prevención secundaria de la cardiopatía isquémica en atención primaria (Estudio ICAR: Intervención en la Comunidad de Alto Riesgo Coronario)*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016
- IP:** Alzamora Sas, M^a Teresa. *Incidencia de arteriopatía periférica y relación con factores de riesgo cardiovascular y morbimortalidad cardiovascular a los 5 años de seguimiento de la cohorte poblacional ARTPER*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Benítez Camps, Mènci. *Evaluación de la relación entre paracetamol efervescente y presión arterial. Ensayo clínico*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2016
- IP:** Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: European Commission. Duration: 2011 - 2016
- IP:** Mundet Tudurí, Xavier. *Estudi ISSYS: malaltia vascular cerebral silent en la població hipertensa a Catalunya*. Funding: Fundació Doctor Robert. Duration: 2014 - 2015
- IP:** Mundet Tudurí, Xavier. *Prevalença de la retinopatia diabètica. Factors clínics i metabòlics associats*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Mata Cases, José Manuel. *Estudio de morbilidad y mortalidad cardiovascular en pacientes con diabetes tipo 2 en Catalunya*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Franch Nadal, Josep. *Estudio descriptivo del control multifactorial de la diabetes tipo 2 e intensidad del tratamiento en Atención Primaria en mayores de 65 años*. Funding: Novartis Farmacéutica, S.A. Duration: 2013 - 2015
- IP:** Mundet Tudurí, Xavier. *Prevalença de la retinopatia diabètica. Factors clínics i metabòlics associats*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2015
- IP:** Franch Nadal, Josep. *Estudio de morbilidad y mortalidad cardiovascular en pacientes con diabetes tipo 2 en Catalunya*. Funding: Merck Sharp & Dohme de España, S.A. Duration: 2013 - 2015

IP: Franch Nadal, Josep. *Estudio sobre el uso de antidiabéticos orales en la Atención Primaria de Catalunya: análisis de las contraindicaciones formales*. Funding: Boehringer Ingelheim España, S.A. Duration: 2013 - 2015

IP: García Gil, M^a del Mar. *El Rol de las Estatinas en Prevención Primaria de Eventos Cardiovasculares en población con Enfermedad Renal Crónica (ERC). Proyecto ECERC*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2015

IP: Coll de Tuero, Gabriel. *Valoración de la automedida de la presión arterial en el diagnóstico de la HTA clínica aislada. Seguimiento de la cohorte VAMPAHICA*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

IP: Marsal Mora, Josep Ramon. *Presencia de diabetes mellitus tipo 2 desconocida, prediabetes e indicadores de arteriosclerosis subclínica en relación al patrón de ingesta alimentaria en población general*. Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2015

The group participates in the following articles

Agüero F, González-Zobl G, Baena-Díez JM, Dégano IR, García-Gil M, Alzamora MT, Marrugat J, Comas-Cufí M, Pera G, Elosua R, Ramos R, Grau M. Prevalence of lower extremity peripheral arterial disease in individuals with chronic immune mediated inflammatory disorders. *Atherosclerosis*. 2015 Sep; 242(1):1-7. doi:10.1016/j.atherosclerosis.2015.06.054. pii:S0021-9150(15)30015-0. PMID:26160040. **FI: 3,994**

Alonso N, Traveset A, Rubinat E, Ortega E, Alcubierre N, Sanahuja J, Hernández M, Betriu A, Jurjo C, Fernández E, Mauricio D. Type 2 diabetes-associated carotid plaque burden is increased in patients with retinopathy compared to those without retinopathy. *Cardiovascular diabetology*. 2015 ; 14:33. doi:10.1186/s12933-015-0196-1. pii:s12933-015-0196-1. pmc:PMC4389661. PMID:25856787. **FI: 4,015**

Barrot-de la Puente J, Mata-Cases M, Franch-Nadal J, Mundet-Tudurí X, Casellas A, Fernandez-Real JM, Mauricio D. Older type 2 diabetic patients are more likely to achieve glycaemic and cardiovascular risk factors targets than younger patients: analysis of a primary care database. *Int J Clin Pract*. 2015 Dec;69(12):1486-95. doi: 10.1111/ijcp.12741. Epub 2015 Sep 30. PubMed PMID:26422335. **FI: 2,566**

Bodicoat DH, Mundet X, Davies MJ, Khunti K, Roura P, Franch J, Mata-Cases M, Cos X, Franciso Cano J; GEDAPS Study Group. The impact of a programme to improve quality of care for people with type 2 diabetes on hard to reach groups: The GEDAPS study. *Primary care diabetes*. 2015 Jun; 9(3):211-8. doi:10.1016/j.pcd.2014.08.001. Epub 2014 Sep 01. PMID:25189137. **FI: 1,325**

Cos FX, Barengo NC, Costa B, Mundet-Tudurí X, Lindström J, Tuomilehto JO. Screening for people with abnormal glucose metabolism in the European DE-PLAN project. *Diabetes research and clinical practice*. 2015 Jul; 109(1):149-56. doi:10.1016/j.diabetes.2015.04.016. pii:S0168-8227(15)00198-9. PMID:25931281. **FI: 2,538**

Díaz-Redondo A, Giráldez-García C, Carrillo L, Serrano R, García-Soidán FJ, Artola S, Franch J, Díez J, Ezkurra P, Millaruelo JM, Seguí M, Sangrós J, Martínez-Candela J, Muñoz P, Goday A, Regidor E. Modifiable risk factors associated with prediabetes in men and women: a cross-sectional analysis of the cohort study in primary health care on the evolution of patients with prediabetes (PREDAPS-Study). *BMC family practice*. 2015 ; 16:5. doi:10.1186/s12875-014-0216-3. pii:s12875-014-0216-3. pmc:PMC4316391. PMID:25609029. **FI: 1,669**

Filomena J, Riba-Llena I, Vinyoles E, Tovar JL, Mundet X, Castañé X, Vilar A, López-Rueda A, Jiménez-Baladó J, Cartanyà A, Montaner J, Delgado P, . Short-Term Blood Pressure Variability Relates to the Presence of Subclinical Brain Small Vessel Disease in Primary Hypertension. *Hypertension*. 2015 Sep; 66(3):634-40; discussion 445. doi:10.1161/HYPERTENSIONAHA.115.05440. pii:HYPERTENSIONAHA.115.05440. PMID:26101344. **FI: 6,480**

Franch-Nadal J, Labrador Barba E, Gómez-García MC, Buil-Cosiales P, Millaruelo JM, Peña ML. Patient-reported outcomes in type 2 diabetes mellitus: patients' and primary care physicians' perspectives in the Spanish health care system. *Patient preference and adherence*. 2015 ; 9:1413-22. doi:10.2147/PPA.S87005. pii:ppa-9-1413. pmc:PMC4603711. PMID:26504375. **FI: 1,676**

Giráldez-García C, Sangrós FJ, Díaz-Redondo A, Franch-Nadal J, Serrano R, Díez J, Buil-Cosiales P, García-Soidán FJ, Artola S, Ezkurra P, Carrillo L, Millaruelo JM, Seguí M, Martínez-Candela J, Muñoz P, Goday A, Regidor E, . Cardiometabolic Risk Profiles in Patients With Impaired Fasting Glucose and/or Hemoglobin A1c 5.7% to 6.4%: Evidence for a Gradient According to Diagnostic Criteria: The PREDAPS Study. *Medicine*. 2015 Nov; 94(44):e1935. doi:10.1097/MD.0000000000001935. pii:00005792-201511030-00039. PMID:26554799. **FI: 5,723**

Hernandez M, Mollo A, Marsal JR, Esquerda A, Capel I, Puig-Domingo M, Pozzilli P, de Leiva A, Mauricio D, . Insulin secretion in patients with latent autoimmune diabetes (LADA): half way between type 1 and type 2 diabetes:

action LADA 9. BMC endocrine disorders. 2015 ; 15:1. doi:10.1186/1472-6823-15-1. pii:1472-6823-15-1. pmc:PMC4297398. PMID:25572256. **FI: 1,710**

Mata-Cases M, Artola S, Escalada J, Ezkurra-Loyola P, Ferrer-García JC, Fornos JA, Gírbés J, Rica I; en nombre del Grupo de Trabajo de Consensos y Guías Clínicas de la Sociedad Española de Diabetes. Consensus on the detection and management of prediabetes. Consensus and Clinical Guidelines Working Group of the Spanish Diabetes Society. Revista clínica española. 2015 Mar; 215(2):117-29. doi:10.1016/j.rce.2014.10.012. Epub 2014 Dec 29. PMID:25553948. **FI: 1,063**

Mata-Cases M, Casajuana M, Franch-Nadal J, Casellas A, Castell C, Vinagre I, Mauricio D, Bolívar B. Direct medical costs attributable to type 2 diabetes mellitus: a population-based study in Catalonia, Spain. The European journal of health economics : HEPAC : health economics in prevention and care. 2015 Nov; doi:10.1007/s10198-015-0742-5. Epub 2015 Nov 5. PMID:26542160.

Muñoz MA, Real J, Del Val JL, Vinyoles E, Mundet X, Domingo M, Enjuanes C, Verdú-Rotellar JM. Impact of the sustained control of cardiovascular risk factors on first episode heart failure: The relevant role of primary care. The European journal of general practice. 2015 ; 21(4):224-30. doi:10.3109/13814788.2015.1049154. Epub 2015 Jul 24. PMID:26205157. **FI: 1,217**

Rodríguez-Arias JJ, Coll-de-Tuero G. Could Uric Acid Be Considered a Cardiovascular Risk Factor? Journal of clinical hypertension (Greenwich, Conn.). 2015 Aug; doi:10.1111/jch.12636. PMID:26385419. **FI: 2,851**

Rodríguez-Poncelas A, Coll-de-Tuero G, Saez M, Garrido-Martín JM, Millaruelo-Trillo JM, Barrot de-la-Puente J, Franch-Nadal J, . Comparison of different vascular risk engines in the identification of type 2 diabetes patients with high cardiovascular risk. BMC cardiovascular disorders. 2015; 15(1):121. doi:10.1186/s12872-015-0120-3. pii:10.1186/s12872-015-0120-3. pmc:PMC4605091. PMID:26464076. **FI: 2,021**

Rodríguez-Poncelas A, Miravet-Jiménez S, Casellas A, Barrot-De La Puente JF, Franch-Nadal J, López-Simarro F, Mata-Cases M, Mundet-Tudurí X. Prevalence of diabetic retinopathy in individuals with type 2 diabetes who had recorded diabetic retinopathy from retinal photographs in Catalonia (Spain). The British journal of ophthalmology. 2015 Dec; 99(12):1628-33. doi:10.1136/bjophthalmol-2015-306683. Epub 2015 Jun 18. pmc:PMC4680151. PMID:26089211. **FI: 2,976**

Sanz-Granda Á, Artola-Menéndez S, Franch-Nadal J, Gonzalez-Gutiérrez JA, Hidalgo-Vega Á, Mata-Cases M, Merino-Torres JF, Vicente-Sánchez C. Cost Saving Associated With Glucose Meter Accuracy In Spain. Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research. 2015 Nov; 18(7):A351. doi:10.1016/j.jval.2015.09.641. pii:S1098-3015(15)02717-5. PMID:26531986. **FI: 3,279**

Sicras-Mainar A, Navarro-Artieda R, Ruiz-Torrejón A, Sáez-Zafra M, Coll-de Tuero G. Impact of Loss of Work Productivity in Patients with Overactive Bladder Treated with Antimuscarinics in Spain: Study in Routine Clinical Practice Conditions. Clinical drug investigation. 2015 Oct; doi:10.1007/s40261-015-0342-2. pii:10.1007/s40261-015-0342-2. PMID:26464261. **FI: 1,557**

Indicators

Researchers with PhD	5
Total number of projects in which group members have participated	30
Total number of projects in which the PI of the project has belonged to the group	13
Total Funding	1.114.293,09 €
Scientific publications in indexed journals	16
Total Impact factor	46,66
Nº of articles in Q1 journals	7
Q1 IF	29,033
Nº of articles in Q2 journals	4
Q2 FI	7,521

Research Group: Diabetes (Reus-Tarragona)

The group is made up of professionals and researchers dedicated to the study of diabetes-related topics. The line of diabetes research of Reus-Tarragona was originated by the primary health care services of Reus-Altebrat and later supported and promoted by the primary health care services of the larger Tarragona-Reus area. It collaborates with European diabetes study networks and the group's principal researcher is the coordinator of endocrine research in IDIAP Jordi Gol. The group forms part of the ISCIII-accredited redIAPP network. The group's objective is to promote research into the prevention, diagnosis, treatment, identification, therapeutic intervention and prognosis of diabetes in primary health care. As primary health care is the entrance to the health system, it must be the basis of diagnosis and care of the diabetic patient, and by extension, of the pre-diabetic, given its prevalence among the population.

Lines: Prevention of diabetes and study of pre-diabetes. Therapeutic education applied to diabetes Clinical study of metabolic syndrome and its associations and complications. Clinical study of risk factors and complications associated with type 2 diabetes. Economic analysis of cost-effectiveness in the prevention of type 2 diabetes. Early prevention of complications of type 2 diabetes. Predictive value of the continuous monitoring of glucose for the incidence of type 2 diabetes. Indicators and predictors of the incidence of diabetes in individuals eating a Mediterranean diet.

Group Leader

Costa Pinel, Bernardo



Researchers

Barrio Torrell, Francisco
Basora Gallisà, Josep
Cabrè Vila, Juan José
Fuentes Bellido, Cruz Maria
Sagarra Àlamo, Ramon
Vizcaino Marín, Jesús

The group participates in the following projects

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018

IP: Costa Pinel, Bernardo. *Diabetes Prevention - Translating a feasible and cost-effective lifestyle intervention into primary care to reduce the social burden of type 2 diabetes*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Barrio Torrell, Francisco. *Rendimiento de la nueva escala nacional de riesgo CATDRISC para cribar y predecir a 10 años la diabetes tipo 2 en la cohorte DE-PLAN-CAT*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Cabrè Vila, Juan José. *Factibilidad y efectividad de la medición de la conductancia electroquímica dérmica para el cribado de neuropatía diabética en Atención Primaria*. Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2015 - 2017

IP: Morros Pedrós, Rosa. *Uso de heparinas y nuevos anticoagulantes en atención primaria en Cataluña. Estudio Piloto*. Funding: Bioiberica, S.A. Duration: 2015 - 2017

IP: Sorlí Aguilar, Mar. *ESTUDIO DIET: Ensayo clínico multicéntrico y aleatorizado para valorar la relación entre la función pulmonar y la adherencia a una dieta de tipo mediterránea*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Rey Reñones, Cristina. *Eficacia de una aplicación para dispositivos móviles en la deshabituación de tabaco en jóvenes (Smart_Smoke): Ensayo clínico aleatorizado por conglomerados*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Martín Luján, Francisco. *Ensayo clínico aleatorizado y multicéntrico para evaluar la eficacia de una intervención motivacional contra el tabaquismo basada en la información obtenida en una espirometría realizada en Atención Primaria*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: European Commission. Duration: 2011 - 2016

IP: Aragonès Benaiges, Enric. *Avaluació del risc cardiovascular associat als diferents fenotips clínics de la síndrome metabòlica i dels risc adicional associat a la presència de depressió/ansietat*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following articles

Cabré JJ. El último año de... estudios españoles. AMF-Actualización en Medicina de Familia. 2015;11(11):650-660.

Cos FX, Barengo NC, Costa B, Mundet-Tudurí X, Lindström J, Tuomilehto JO. Screening for people with abnormal glucose metabolism in the European DE-PLAN project. Diabetes research and clinical practice. 2015 Jul; 109(1):149-56. doi:10.1016/j.diabres.2015.04.016. pii:S0168-8227(15)00198-9. PMID:25931281. **FI: 2,538**

Cunillera O, Almeda J, Mascort J, Basora J, Marzo MM, and the Catalan kiwifruit Study Group. Improvement of functional constipation with kiwifruit intake in a Mediterranean patient population: An open, non-randomized pilot study. Rev Esp Nutr Hum Diet. 2015;19(2):58-67. DOI: 10.14306/renhyd.0.0.131.

Díaz-López A, Babio N, Martínez-González MA, Corella D, Amor AJ, Fitó M, Estruch R, Arós F, Gómez-Gracia E, Fiol M, Lapetra J, Serra-Majem L, Basora J, Basterra-Gortari FJ, Zanon-Moreno V, Muñoz MÁ, Salas-Salvadó J, . Mediterranean Diet, Retinopathy, Nephropathy, and Microvascular Diabetes Complications: A Post Hoc Analysis of a Randomized Trial. Diabetes care. 2015 Nov; 38(11):2134-41. doi:10.2337/dc15-1117. pii:dc15-1117. PMID:26370380. **FI: 8,420**

Eguaras S, Toledo E, Buil-Cosiales P, Salas-Salvadó J, Corella D, Gutierrez-Bedmar M, Santos-Lozano JM, Arós F, Fiol M, Fitó M, Ros E, Serra-Majem L, Pintó X, Martínez JA, Sorlí JV, Muñoz MA, Basora J, Estruch R, Martínez-González MÁ. Does the Mediterranean diet counteract the adverse effects of abdominal adiposity? Nutrition, metabolism, and cardiovascular diseases : NMCD. 2015 Jun; 25(6):569-74. doi:10.1016/j.numecd.2015.03.001. pii:S0939-4753(15)00057-5. PMID:25921850. **FI: 3,323**

Martin-Lujan F, Santigosa-Ayala A, Piñol-Moreso JL, Sorlí-Aguilar M, Flores-Mateo G, Bladé-Creixenti J, Basora-Gallissà J, Sola-Alberich R. Multicentric randomized clinical trial to evaluate the long-term effectiveness of a motivational intervention against smoking, based on the information obtained from spirometry in primary care: the RESET study protocol. BMC family practice. 2016; 17(1):15. doi:10.1186/s12875-016-0415-1. pii:10.1186/s12875-016-0415-1. pmc:PMC4743363. PMID:26846522. **FI: 1,669**

Menéndez E, Escalada J, Mata M, grupo de estudio INNCl. Informe del estudio Delphi para determinar el grado de acuerdo en la identificación de necesidades no cubiertas en la gestión del paciente tratado con insulina Proyecto INNCl. Ciencia y Evidencia. 2015;5:1.

Romero-Aroca P, Sagarra-Alamo R, Pareja-Rios A, López M. Importance of telemedicine in diabetes care: Relationships between family physicians and ophthalmologists. World journal of diabetes. 2015 Jul; 6(8):1005-8. doi:10.4239/wjd.v6.i8.1005. pmc:PMC4515440. PMID:26240697.

Sorlí-Aguilar M, Martín-Luján F, Santigosa-Ayala A, Piñol-Moreso JL, Flores-Mateo G, Basora-Gallissà J, Arijá-Val V, Solà-Alberich R. Effects of mediterranean diet on lung function in smokers: a randomised, parallel and controlled protocol. BMC public health. 2015; 5:74. doi:10.1186/s12889-015-1450-x. pii:s12889-015-1450-x. pmc:PMC4328054. PMID:25636808. **FI: 2,264**

Toledo E, Salas-Salvadó J, Donat-Vargas C, Buil-Cosiales P, Estruch R, Ros E, Corella D, Fitó M, Hu FB, Arós F, Gómez-Gracia E, Romaguera D, Ortega-Calvo M, Serra-Majem L, Pintó X, Schröder H, Basora J, Sorlí JV, Bulló M, Serra-Mir M, Martínez-González MA. Mediterranean Diet and Invasive Breast Cancer Risk Among Women at High Cardiovascular Risk in the PREDIMED Trial: A Randomized Clinical Trial. JAMA internal medicine. 2015 Nov; 175(11):1752-60. doi:10.1001/jamainternmed.2015.4838. pii:2434738. PMID:26365989. **FI: 13,116**

Awards

Ajut a la Recerca. CAMFIC 2015. Associació entre la funció pulmonar i l'adherència a la dieta mediterrània: assaig clínic aleatoritzat, paral·lel, controlat en atenció primària. Estudi RESET-DIET. Martín F, Sorlí M, Basora J, Piñol JL, Flores G, Santigosa A, Solà R, Cabré JJ.

Best Poster. Aproxima 2015. Innovación en el Manejo Integral del Paciente Crónico. CATDRISC, un nuevo cuestionario que aumenta el rendimiento del más reconocido (FINDRISC) como herramienta de cribado de la diabetes en atención primaria catalana. Barrio F, Cabré JJ.

Indicators

Researchers with PhD	8
Total number of projects in which group members have participated	14
Total number of projects in which the PI of the project has belonged to the group	7
Total Funding	843.456,55 €
Scientific publications in indexed journals	6
Total Impact factor	31,33
Nº of articles in Q1 journals	2
Q1 IF	21,536
Nº of articles in Q2 journals	3
Q2 IF	7,256

Research Area: Health Services Research

Research Group: GRCS (Research Group in Nursing Care)

Health care is the cornerstone of nursing. The GRCS Group focuses on nursing care and treatments.

Nurses from the Hospital Vall d'Hebron and from the Nursing Department of the Universitat Autònoma of Barcelona collaborate with this Group, which is mainly constituted by primary care nurses, together with two family doctors and a health technician to achieve a comprehensive approach to the patient and excellence in methodological quality.

The research aims to define the services provided by nurses, both to the individual patient and to patient groups, and to find strategies to translate research results into clinical practice. The group wants to advance the discipline of nursing. With this purpose, they aim to become the meeting point for all the investigators and PhD students in Barcelona with an interest in the same research areas.

Lines: Nursing care and treatment for patient groups; Nursing management of chronic diseases; Professional development.

Group Leader

Campo Osaba, Maria Antonia



Researchers

Lapena Estella, Carolina
Badia Royes, Rosa Maria
Borràs Gallart, Enriqueta
Campo Osaba, Maria Antonia
Fernandez Vandellos, Patricia
Galbany Estragués, Paola
Garaikoetxea Iturriria, Ana
Garcia Garcia, Eva
Jodar Solà, Glòria
Juanola Pages, Maria Dolores
Laguna Fernandez, Vicencia
Llinas Vidal, Montserrat
Lozano Randón, Olga
Martín Royo, Jaume
Orfila Pernas, Francesc
Rosell Reig, Nuria
Sevillano Lalinde, M^a del Mar
Vigo Oller, Olga

Group Projects

IP: Azagra Ledesma, Rafael. *Efectividad de una intervención con el programa de ejercicios OTAGO para la prevención de caídas y fracturas osteoporóticas en personas de 75 a 90 años residentes en la comunidad: Proyecto PRECIOSA*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Delgado Martínez, MP. *Influencia del tipo de tratamiento antihipertensivo prescrito en la práctica clínica habitual sobre la variabilidad de la presión arterial y el riesgo cardiovascular del hipertenso*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Segura Noguera, Josep M^a. *Efectividad de una intervención multifactorial para modificar la fragilidad en ancianos comunitarios*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Berenguer Perez, Miriam. *Factors de risc per el desenvolupament d'úlceres d'etiologia venosa. Estudi de casos-control aparellats*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

- IP:** Orfila Pernas, Francesc. *Implement & Evaluate Community Assessment of Risk & Treatment Strategies - A new model to prevent or delay frailty, functional decline & risk of adverse outcomes in community dwelling older adults*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Orfila Pernas, Francesc. *Validació d'un instrument de classificació de fragilitat basat en registres informatitzats en l'Atenció Primària. Projecte e-fragicap*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Segura Noguera, Josep M^a. *Efectividad de una intervención multifactorial para la modificación de parámetros de fragilidad en población anciana: Estudio FRAGILITY*. Funding: Departament de Salut. Duration: 2014 - 2016
- IP:** Romera Liébana, Laura. *Efectivitat d'una intervenció multifactorial per a la modificació de paràmetres de fragilitat en la població gran*. Funding: Fundacio Privada Mutuam Conviure. Duration: 2013 - 2016
- IP:** Laguna Fernandez, Vicencia. *Ensayo clínico para evaluar la efectividad de un protocolo de cuidados integrales de la Diabetes Mellitus 2 y sus comorbilidades asociadas*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Berenguer Perez, Miriam. *Implementació d'un protocol d'actuació segons les guies de pràctica clínica en pacients amb úlceres d'etiologia venosa en Atenció Primària: trasllat de l'evidència a la pràctica*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015

The group participates in the following projects

- IP:** Fernández San Martin, Maria Isabel. *Efectividad de un programa de actividad física y dieta coordinado entre atención primaria y salud mental, para modificar factores de riesgo cardiovascular en pacientes esquizofrénicos o con trastorno bipolar*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Violán Fors, Concepció. *Tabaquismo y Atención Primaria: relación entre el nivel macro (política sanitaria) y micro (atención primaria). Consecuencias de la Ley 42/2010 en los centros de salud*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

Group Articles

- Leahy-Warren P, Weathers E, Lupari M, Campbell S, Clarnette R, Orfila F, Fitzgerald C, Paúl C, O'Herlihy E, Cornally N, O'Caoimh R, Day MR, Mulcahy H, Molloy W. The Risk Instrument for Screening in the Community (RISC): Cross Cultural Perspectives. *Int J Res Nurs*. 2015;6:42-50.
- Masa-Font R, Fernández-San-Martín MI, Martín López LM, Alba Muñoz AM, Oller Canet S, Martín Royo J, San Emeterio Echevarría L, Olona Tabueña N, Ibarra Jato M, Barroso García A, González Tejón S, Tajada Vitales C, Díaz Mújica B, Viñas Cabrera L, Sanchís Catalán R, Salvador Barbarroja T. The effectiveness of a program of physical activity and diet to modify cardiovascular risk factors in patients with severe mental illness after 3-month follow-up: CAPICOR randomized clinical trial. *European psychiatry : the journal of the Association of European Psychiatrists*. 2015 Nov; 30(8):1028-36. doi:10.1016/j.eurpsy.2015.09.006. Epub 2015 Oct 30. PMID:26521223. **FI: 3,439**
- O'Caoimh R, Cornally N, Weathers E, O'Sullivan R, Fitzgerald C, Orfila F, Clarnette R, Paúl C, Molloy DW. Risk prediction in the community: A systematic review of case-finding instruments that predict adverse healthcare outcomes in community-dwelling older adults. *Maturitas*. 2015 Sep; 82(1):3-21. doi:10.1016/j.maturitas.2015.03.009. pii:S0378-5122(15)00595-2. PMID:25866212. **FI: 2,942**
- O'Caoimh R, Fitzgerald C, Cronin U, Svendrovski A, Gao Y, Healy E, O'Connell E, O'Keeffe G, O'Herlihy E, Weathers E, Cornally N, Leahy-Warren P, Orfila F, Paúl C, Clarnette R, Molloy DW. Which Part of a Short, Global Risk Assessment, the Risk Instrument for Screening in the Community, Predicts Adverse Healthcare Outcomes? *J Aging Res*. 2015;2015:256414-256414. PMID:26346934.
- Santulli G, Borrás C, Bousquet J, Calzà L, Cano A, Illario M, Franceschi C, Liotta G, Maggio M, Molloy WD, Montuori N, O'Caoimh R, Orfila F, Rauter AP, Santoro A, Iaccarino G. Models for preclinical studies in aging-related disorders: One is not for all. *Translational medicine @ UniSa*. 2015 Dec; 13:4-12. Epub 2016 Jan 31. pmc:PMC4811343. PMID:27042427.

Thesis

- Jodar G. *Análisis mixto de los estilos de liderazgo en Atención Primaria de Salud*. Barcelona: Escola Universitaria d'Infèmeria (H. Vall d'Hebron), Universitat de Barcelona. 21/12/2015.

Indicators

Researchers with PhD	3
Total number of projects in which group members have participated	12
Total number of projects in which the PI of the project has belonged to the group	3
Total Funding	267.671,67 €
Scientific publications in indexed journals	2
Total Impact factor	6,38
Nº of articles in Q1 journals	1
Q1 IF	2,942
Nº of articles in Q2 journals	1
Q2 FI	3,439

Research Group: GRenSSAP Catalunya (Research in Primary Health Services in Catalonia)

This group for research into primary health care services in Catalonia is made up of a team of researchers from IDIAP Jordi Gol who have been working on various lines of health service research for several years, and participate in important processes of evaluation and innovation in primary health care in Catalonia (evaluation of the objectives of the Catalan Health Service, the impact of electronic guidelines, the role of nurses in the care of acute problems, evaluation of a new model for emergency services, validation of Adjusted Clinical Groups®, etc.) Many of its members participated in the redIAPP network between 2003 and 2006 or in the IRYSS network (Investigation of Results and Health Services: G03/2020). In 2006 it again joined the redIAPP network. In 2009 it was accredited as an emergent group by the Department of Innovation, Universities and Business of the Catalan Generalitat.

The general aim of the group is research into and systematic evaluation of general and specific aspects of the development and function of health services and their relationship with factors affecting health.

Lines: Patient classification systems Variability and effectiveness of preventive activities in primary health care. Analysis of multimorbidity Evaluation of organisational innovation.

Group Leader

Bolíbar Ribas, Bonaventura



Researchers

Violán Fors, Concepció
Berenguera Ossó, Anna
Bolíbar Ribas, Bonaventura
Casajuana Closas, Marc
Catalan Ramos, Arantxa
Foguet Boreu, Quintí
Giner Soriano, Maria
Hermosilla Pérez, Eduardo
Martin Cantera, Carlos
Monteagudo Zaragoza, Mònica
Morros Pedrós, Rosa
Pons Vigués, Mariona
Puente Baliarda, Diana
Pujol Ribera, Enriqueta
Rodríguez Blanco, M Teresa
Sicras Mainar, Antoni
Valderas Martínez, Jose Maria
Zabaleta del Olmo, Edurne

Group projects

IP: Bolívar Ribas, Bonaventura. *Accelerated Development of VAccine beNefit-risk Collaboration in Europe*. Funding: European Commission. Duration: 2015 - 2018

IP: Giner Soriano, Maria. *Cilostazol drug utilisation study 2*. Funding: Research Triangle Institute. Duration: 2015 - 2017

IP: Giner Soriano, Maria. *Systematic Observational Method for Narcolepsy and Influenza Immunization Assessment*. Funding: Centers for Diseases Control. Duration: 2015 - 2016

IP: Martin Cantera, Carlos. *Característiques diferencials dels diabètics fumadors respecte els no fumadors a Atenció Primària*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Pujol Ribera, Enriqueta. *Stakeholder preceptions of research consent models applied during infectious disease (ID) epidemics or pandemics: A European focus group study with members of the public*. Funding: Universitat de Cardiff. Duration: 2015 - 2016

IP: Giner Soriano, Maria. *Cilostazol drug utilization study*. Funding: Research Triangle Institute. Duration: 2014 - 2016

IP: Martín Cantera, Carlos. *Evaluación de la eficacia de una intervención basada en la disminución de las horas de sedestación en pacientes con sobrepeso u obesidad moderada (proyecto SEDESTACTIV). Ensayo clínico aleatorio controlado*. Funding: Universidad Europea de Madrid S.L.U. Duration: 2014 - 2016

IP: Giner Soriano, Maria. *Systematic Observational Method for Narcolepsy and Influenza Immunization Assessment*. Funding: Centers for Diseases Control. Duration: 2014 - 2016

IP: Martín Cantera, Carlos. *Efectividad del uso de una herramienta móvil añadida a una intervención estándar en la mejora de estilos de vida saludables. Ensayo clínico aleatorizado. Estudio EVIDENT II*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016

IP: Benítez Camps, Mènci. *Evaluación de la relación entre paracetamol efervescente y presión arterial. Ensayo clínico*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2016

IP: Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

IP: Martín Cantera, Carlos. *Efectividad del uso de una herramienta móvil añadida a una intervención estándar en la mejora de estilos de vida saludables. Ensayo clínico aleatorizado. Estudio EVIDENT II*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2014 - 2015

IP: Violán Fors, Concepció. *Innovating care for people with multiple chronic conditions in Europe*. Funding: European Commission. Duration: 2014 - 2015

IP: Giner Soriano, Maria. *Cilostazol drug utilization study*. Funding: Research Triangle Institute. Duration: 2013 - 2015

The group participates in the following projects

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, s.l.. Duration: 2015 - 2018

IP: Berenguera Ossó, Anna. *El reto de cambiar y mantener conductas saludables. El Coaching Psicología para capacitar a personas con artrosis de rodilla y mejorar su calidad de vida*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Morros Pedrós, Rosa. *Post-Authorisation Safety Study of Agomelatine and the Risk of Hospitalisation for Acute Liver Injury*. Funding: Research Triangle Institute. Duration: 2015 - 2018

IP: Morros Pedrós, Rosa. *Impact of adherence to the polypill components on mortality and cardiovascular morbidity: a population-based, retrospective database study*. Funding: Ferrer Internacional, S.A. Duration: 2015 - 2018

IP: Molló Iniesta, M.Àngels. *Estudio INTEGRA: estrategia de INTERvención intEgral en pacientes con mal control Glucémico de la diabetes mellitus tipo 2 en el Ámbito de Atención PRIMARIA*. Funding: Sanofi Aventis, S.A.. Duration: 2014 - 2018

IP: Morros Pedrós, Rosa. *Uso de heparinas y nuevos anticoagulantes en atención primaria en Cataluña. Estudio Piloto*. Funding: Bioiberica, S.A. Duration: 2015 - 2017

IP: Guisado Clavero, Marina. *Avaluació d'una intervenció per millorar la seguretat de la prescripció en persones grans amb multimorbiditat i polimedicació ateses a l'atenció primària*. Funding: Fundació d'Atenció Primària (CAMFIC). Duration: 2015 - 2017

IP: Quijada Manuitt, María de los Ángeles. *Estudio de la utilización de apixaban en pacientes con fibrilación auricular no valvular*. Funding: Pfizer, S.L.U. Duration: 2015 - 2017

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, s.l.. Duration: 2014 - 2017

IP: Mataró Serrat, Maria. *Neuroplasticidad en la edad adulta: Ejercicio físico y entrenamiento cognitivo*. Funding: Ministerio de Economía y Competitividad. Duration: 2014 - 2017

IP: Foguet Boreu, Quintí. *Identificación de los patrones de multimorbilidad y la polimedicación asociada, a una muestra poblacional de atención primaria*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

- IP:** Morros Pedrós, Rosa. *Estudio en diferentes fases de la efectividad, seguridad y costes de la prevención tromboembólica en pacientes con fibrilación no valvular. Estudio ESC-FA*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2017
- IP:** Boada Valmaseda, Albert. *Prevalencia de portadores nasales de Staphylococcus aureus y Streptococcus pneumoniae en atención primaria y factores asociados a la colonización, así como al consumo individual de antibióticos*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Berenguera Ossó, Anna. *Las Actitudes, Diferencias Y control de la DIABetes. Diferencias entre géneros*. Funding: Novartis Farmacéutica, S.A.. Duration: 2015 - 2016
- IP:** Bolívar Ribas, Bonaventura. *European Medical Information Framework*. Funding: Laboratorios Servier, S.L. Duration: 2015 - 2016
- IP:** Bolívar Ribas, Bonaventura. *European Medical Information Framework*. Funding: Amgen, S.A. Duration: 2015 - 2016
- IP:** Monteagudo Zaragoza, Mònica. *Real life evidence of Eklira®/Bretaris® Genuair® in Catalonia*. Funding: IMS Health, S.A. Duration: 2014 - 2016
- IP:** Morros Pedrós, Rosa. *Aplicación tópica de hidróxido potásico en el tratamiento del molusco contagioso*. Funding: Laboratorio Reig Jofré, S.A. Duration: 2014 - 2016
- IP:** Monteagudo Zaragoza, Mònica. *Trends in prevalence and burden of non-cystic fibrosis bronchiectasis in Catalonia*. Funding: Bayer Pharma AG. Duration: 2014 - 2016
- IP:** Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2016
- IP:** García Gil, M^a del Mar. *Efectividad del Inicio del Tratamiento Antihipertensivo en la Prevención Primaria de Eventos Cardiovasculares. Proyecto EITEC*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Campins Martí, Magdalena. *Cobertura de vacunación antigripal y morbilidad asociada a gripe en gestantes*. Funding: Hosp. Vall Hebron. Fund. Institut de Recerca. Duration: 2013 - 2016
- IP:** Bolívar Ribas, Bonaventura. *Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Morros Pedrós, Rosa. *Riesgo cardiovascular en pacientes con osteoartritis: estudio de casos y controles*. Funding: Bioiberica, S.A. Duration: 2013 - 2016
- IP:** Violán Fors, Concepció. *Dronedarone utilization study in Catalonia, Spain, using SIDIAP database*. Funding: Sanofi Aventis, S.A. Duration: 2013 - 2016
- IP:** Miravittles Fernández, Marc. *Evolución de los patrones de tratamiento inicial en los pacientes con EPOC de nuevo diagnóstico de 2007-2012*. Funding: Novartis Farmacéutica, S.A. Duration: 2013 - 2016
- IP:** Capellà Hereu, Dolors. *Los fármacos como factores de riesgo de muerte súbita cardíaca no explicada. Estudio de casos y controles*. Funding: Universitat de Girona. Duration: 2013 - 2016
- IP:** Violán Fors, Concepció. *Tabaquismo y Atención Primaria: relación entre el nivel macro (política sanitaria) y micro (atención primaria). Consecuencias de la Ley 42/2010 en los centros de salud*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Vinyoles Bargalló, Ernest. *Efectividad de la Temporización de la administración de Aspirina en pacientes Hipertensos en tratamiento con bajas dosis de AAS como Prevención Secundaria - TAHPS*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016
- IP:** Bolívar Ribas, Bonaventura. *Efectividad de una intervención para mejorar la adecuación de la indicación de hipolipemiantes en prevención primaria: ensayo clínico aleatorizado*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016
- IP:** Forés Raurell, Rosa. *Cilostazol en el tratamiento de la arteriopatía periférica: reacciones adversas cardiovasculares y hemorrágicas en condiciones de uso reales*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016
- IP:** Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: European Commission. Duration: 2011 - 2016
- IP:** Rodríguez Álvarez, María del Mar. *Impacto del síndrome de apnea del sueño en la morbilidad cardiovascular: estudio de cohortes de base poblacional*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015
- IP:** Gonzalez Tejon, Susana. *Fracturas de cadera en pacientes tratados con fármacos antipsicóticos. Estudio de cohortes retrospectivo en Cataluña*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

- IP:** Perapoch Lopez, Josep. *Relación entre los antecedentes de prematuridad y el consumo de fármacos para el tratamiento del TDAH en la infancia. Estudio observacional retrospectivo.* Funding: Hosp. Vall Hebron. Fund. Institut de Recerca . Duration: 2013 - 2015
- IP:** Miravittles Fernández, Marc. *Déficit de alfa-1antitripsina. Identificación de carencias en el diagnóstico y seguimiento en Cataluña.* Funding: Grifols Inc. Duration: 2013 - 2015
- IP:** Cordoní Saborit, Sílvia. *Proyecto de telemonitorización en pacientes crónicos.* Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2015
- IP:** Díaz Gete, Laura. *Efectividad de una intervención con seguimiento por correo electrónico del abandono sostenido del tabaquismo (Estudio TABATIC). Ensayo clínico aleatorizado controlado multicéntrico.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015
- IP:** Vinyoles Bargalló, Ernest. *Efectividad de la Temporización de la administración de Aspirina en pacientes Hipertensos en tratamiento con bajas dosis de AAS como Prevención Secundaria - TAHPS.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015
- IP:** García Gil, M^a del Mar. *El Rol de las Estatinas en Prevención Primaria de Eventos Cardiovasculares en población con Enfermedad Renal Crónica (ERC). Proyecto ECERC.* Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2015
- IP:** García Aymerich, J. *Efectividad de una intervención de entrenamiento urbano en pacientes con enfermedad pulmonar obstructiva crónica (EPOC): ensayo clínico aleatorizado.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015
- IP:** Ramos Blanes, Rafel. *Patrones del uso de Estatinas en el Tratamiento del Riesgo cardiovascular elevado y Efectividad Asociada.* Funding: AstraZeneca Farmacéutica Spain, S.A. Duration: 2012 - 2015
- IP:** Aymerich, M. *Elaboración de un Modelo de TRAslación de los resultados de investigación hacia la toma de decisiones en Salud (TRAM-S).* Funding: Universitat de Girona. Duration: 2012 - 2015

The group participates in the following articles

- Barrecheguren M, Monteagudo M, Llor C, Borrell E, Esquinas C, Ferrer J, Miravittles M. Diagnosis of alpha 1 antitrypsin deficiency in primary care. *Eur Respir J.* 2015;46:(suppl 59) DOI: 10.1183/13993003.congress-2015.PA3866 **FI: 7,636**
- Bellón JÁ, Moreno-Peral P, Motrico E, Rodríguez-Morejón A, Fernández A, Serrano-Blanco A, Zabaleta-del-Olmo E, Conejo-Cerón S. Effectiveness of psychological and/or educational interventions to prevent the onset of episodes of depression: A systematic review of systematic reviews and meta-analyses. *Preventive medicine.* 2015 Jul; 76 Suppl:S22-32. doi:10.1016/j.ypmed.2014.11.003. Epub 2014 Nov 20. PMID:25445331. **FI: 3,086**
- Boada A, Almeda J, Grenzner E, Pons-Vigués M, Morros R, Juvé R, Simonet PJ, den Heijer CD, Bolívar B. [Prevalence of nasal carriage of *Staphylococcus aureus* and *Streptococcus pneumoniae* in Primary Care and factors associated with colonization]. *Enfermedades infecciosas y microbiología clínica.* 2015 Aug-Sep; 33(7):451-7. doi:10.1016/j.eimc.2014.10.014. Epub 2015 Jan 21. Spanish. PMID:25617018. **FI: 2,172**
- Bully P, Sánchez Á, Zabaleta-Del-Olmo E, Pombo H, Grandes G. Evidence from interventions based on theoretical models for lifestyle modification (physical activity, diet, alcohol and tobacco use) in primary care settings: A systematic review. *Preventive medicine.* 2015 Jul; 76S:S76-S93. doi:10.1016/j.ypmed.2014.12.020. pii:S0091-7435(14)00502-7. PMID:25572619. **FI: 3,086**
- Carmona-Terés V, Lumillo-Gutiérrez I, Jodar-Fernández L, Rodríguez-Blanco T, Moix-Queraltó J, Pujol-Ribera E, Mas X, Batlle-Gualda E, Gobbo-Montoya M, Berenguera A. Effectiveness and cost-effectiveness of a health coaching intervention to improve the lifestyle of patients with knee osteoarthritis: cluster randomized clinical trial. *BMC musculoskeletal disorders.* 2015 ; 16:38. doi:10.1186/s12891-015-0501-x. pii:10.1186/s12891-015-0501-x. pmc:PMC4344994. PMID:25887078. **FI: 1,717**
- Casañas R, Catalán R, Penadés R, Real J, Valero S, Muñoz M, Lalucat-Jo L, Casas M. Evaluation of the Effectiveness of a Psychoeducational Intervention in Treatment-Naïve Patients with Antidepressant Medication in Primary Care: A Randomized Controlled Trial. *TheScientificWorldJournal.* 2015; 2015:718607. doi:10.1155/2015/718607. pmc:PMC4562075. PMID:26380366.
- Castillo-Sánchez M, Fàbregas-Escurriola M, Bergè-Baquero D, Foguet-Boreu Q, Fernández-San Martín MI, Goday-Arno A. Schizophrenia, antipsychotic drugs and cardiovascular risk: Descriptive study in primary care. *European psychiatry : the journal of the Association of European Psychiatrists.* 2015 Jun; 30(4):535-41. doi:10.1016/j.eurpsy.2014.12.010. pii:S0924-9338(14)00664-6. PMID:25614437. **FI: 3,439**

- Coma Auli N, Mejía-Lancheros C, Berenguera A, Pujol-Ribera E. Risk perception of sexually transmitted infections and HIV in Nigerian commercial sex workers in Barcelona: a qualitative study. *BMJ open*. 2015 ; 5(6):e006928. doi:10.1136/bmjopen-2014-006928. pii:bmjopen-2014-006928. PMID:26078307. **FI: 2,271**
- Demarzo MM, Montero-Marin J, Cuijpers P, Zabaleta-del-Olmo E, Mahtani KR, Vellinga A, Vicens C, López-del-Hoyo Y, García-Campayo J. The Efficacy of Mindfulness-Based Interventions in Primary Care: A Meta-Analytic Review. *Annals of family medicine*. 2015 Nov; 13(6):573-82. doi:10.1370/afm.1863. pmc:PMC4639383. PMID:26553897. **FI: 5,434**
- Fernandez A, Moreno-Peral P, Zabaleta-del-Olmo E, Bellon JA, Aranda-Regules JM, Luciano JV, Serrano-Blanco A, Rubio-Valera M. Is there a case for mental health promotion in the primary care setting? A systematic review. *Preventive medicine*. 2015 Jul; 76 Suppl:S5-11. doi:10.1016/j.ypmed.2014.11.019. Epub 2014 Dec 02. PMID:25475684. **FI: 3,086**
- Foguet-Boreu Q, Violán C, Rodríguez-Blanco T, Roso-Llorach A, Pons-Vigués M, Pujol-Ribera E, Cossio Gil Y, Valderas JM. Multimorbidity Patterns in Elderly Primary Health Care Patients in a South Mediterranean European Region: A Cluster Analysis. *PloS one*. 2015 ; 10(11):e0141155. doi:10.1371/journal.pone.0141155. pii:PONE-D-15-23009. PMID:26524599. **FI: 3,234**
- Islam MM, McRae IS, Yen L, Jowsey T, Valderas JM. Time spent on health-related activities by senior Australians with chronic diseases: what is the role of multimorbidity and comorbidity?. *Australian and New Zealand journal of public health*. 2015 Jun; 39(3):277-83. doi:10.1111/1753-6405.12355. PMID:25903449. **FI: 1,98**
- Jurado-Campos J, Zabaleta-Del-Olmo E, Anglada-Dilme MT, Sanchez-Vilanova L, Rabassa-Ester M, Barberi-Costa N, Pages-Pascual M, Canet-Ponsa M. Impact of a quality improvement intervention on nurses' management of same-day primary care flow. *Journal of nursing management*. 2015 Oct; 23(7):920-30. doi:10.1111/jonm.12236. Epub 2014 May 29. PMID:24890263. **FI: 1,5**
- Le Reste JY, Nabbe P, Lingner H, Kasuba Lazic D, Assenova R, Munoz M, Sowinska A, Lygidakis C, Doerr C, Czachowski S, Argyriadou S, Valderas J, Le Floch B, Deriennic J, Jan T, Melot E, Barraine P, Odorico M, Lietard C, Van Royen P, Van Marwijk H. What research agenda could be generated from the European General Practice Research Network concept of Multimorbidity in Family Practice?. *BMC family practice*. 2015 ; 16(1):125. doi:10.1186/s12875-015-0337-3. pii:10.1186/s12875-015-0337-3. pmc:PMC4574005. PMID:26381383. **FI: 1,669**
- March S, Torres E, Ramos M, Ripoll J, García A, Bulilete O, Medina D, Vidal C, Cabeza E, Llull M, Zabaleta-Del-Olmo E, Aranda JM, Sastre S, Llobera J. Adult community health-promoting interventions in primary health care: A systematic review. *Preventive medicine*. 2015 Jul; 76S:S94-S104. doi:10.1016/j.ypmed.2015.01.016. pii:S0091-7435(15)00018-3. PMID:25625691. **FI: 3,086**
- Martínez-Ramos E, Martín-Borràs C, Trujillo JM, Giné-Garriga M, Martín-Cantera C, Solà-Gonfaus M, Castillo-Ramos E, Pujol-Ribera E, Rodríguez D, Puigdomenech E, Beltran AM, Serra-Paya N, Gascón-Catalán A, Puig-Ribera A. Prolonged Sitting Time: Barriers, Facilitators and Views on Change among Primary Healthcare Patients Who Are Overweight or Moderately Obese. *PloS one*. 2015 ; 10(6):e0125739. doi:10.1371/journal.pone.0125739. pii:PONE-D-14-53300. pmc:PMC4461272. PMID:26057237. **FI: 3,234**
- Mata-Cases M, Casajuana M, Franch-Nadal J, Casellas A, Castell C, Vinagre I, Mauricio D, Bolívar B. Direct medical costs attributable to type 2 diabetes mellitus: a population-based study in Catalonia, Spain. *The European journal of health economics : HEPAC : health economics in prevention and care*. 2015 Nov; doi:10.1007/s10198-015-0742-5. Epub 2015 Nov 5. PMID:26542160.
- Monge S, Ronda E, Pons-Vigués M, Vives Cases C, Malmusi D, Gil-González D. Methodological limitations and recommendations in publications on migrant population health in Spain. *Gaceta sanitaria / S.E.S.P.A.S.* 2015 Nov-Dec; 29(6):461-3. doi:10.1016/j.gaceta.2015.07.012. pii:S0213-9111(15)00161-2. PMID:26387460. **FI: 1,186**
- Moreno-Peral P, Conejo-Cerón S, Fernández A, Berenguera A, Martínez-Andrés M, Pons-Vigués M, Motrico E, Rodríguez-Martín B, Bellón JA, Rubio-Valera M. Primary care patients' perspectives of barriers and enablers of primary prevention and health promotion-a meta-ethnographic synthesis. *PloS one*. 2015 ; 10(5):e0125004. doi:10.1371/journal.pone.0125004. pii:PONE-D-14-42220. pmc:PMC4418671. PMID:25938509. **FI: 3,234**
- Morrison J, Pons-Vigués M, Díez E, Pasarin MI, Salas-Nicás S, Borrell C. Perceptions and beliefs of public policy-makers in a Southern European city. *International journal for equity in health*. 2015 ; 14(1):18. doi:10.1186/s12939-015-0143-5. pii:10.1186/s12939-015-0143-5. pmc:PMC4343064. PMID:25890326.
- Puigdomènech E, Trujillo-Gómez JM, Martín-Cantera C, Díaz-Gete L, Manzano-Montero M, Sánchez-Fondevila J, Gonzalez-Fernandez Y, García-Rueda B, Briones-Carrió EM, Clemente-Jiménez ML, Castaño C, Birulés-Muntané J. Information and communication technologies for approaching smokers: a descriptive study in primary healthcare. *BMC public health*. 2015; 15:2. doi:10.1186/1471-2458-15-2. pii:10.1186/1471-2458-15-2. pmc:PMC4429913. PMID:25971903. **FI: 2,264**

Puig-Ribera A, Martín-Cantera C, Puigdomenech E, Real J, Romaguera M, Magdalena-Belio JF, Recio-Rodríguez JI, Rodríguez-Martin B, Arietealeanizbeaskoa MS, Repiso-Gento I, García-Ortiz L. Screening Physical Activity in Family Practice: Validity of the Spanish Version of a Brief Physical Activity Questionnaire. *PloS one*. 2015 ; 10(9):e0136870. doi:10.1371/journal.pone.0136870. pii:PONE-D-15-04103. PMID:26379036. **FI: 3,234**

Reyes C, García-Gil M, Elorza JM, Mendez-Boo L, Hermosilla E, Javaid MK, Cooper C, Díez-Pérez A, Arden NK, Bolibar B, Ramos R, Prieto-Alhambra D. Socio-economic status and the risk of developing hand, hip or knee osteoarthritis: a region-wide ecological study. *Osteoarthritis and cartilage / OARS, Osteoarthritis Research Society*. 2015 Aug; 23(8):1323-9. doi:10.1016/j.joca.2015.03.020. Epub 2015 Mar 26. PMID:25819582. **FI: 4,165**

Rosell-Murphy M, Rodríguez-Blanco T, Morán J, Pons-Vigués M, Elorza-Ricart JM, Rodríguez J, Pareja C, Nuin MÁ, Bolibar B. Variability in screening prevention activities in primary care in Spain: a multilevel analysis. *BMC public health*. 2015 ; 15:473. doi:10.1186/s12889-015-1767-5. pii:10.1186/s12889-015-1767-5. pmc:PMC4440275. PMID:25947302. **FI: 2,264**

Sicras-Mainar A, Navarro-Artieda R. Economic impact of combining metformin with dipeptidyl peptidase-4 inhibitors in diabetic patients with renal impairment in spanish patients. *Diabetes & metabolism journal*. 2015 Feb; 39(1):74-81. doi:10.4093/dmj.2015.39.1.74. pmc:PMC4342540. PMID:25729716. **FI: 3,267**

Sicras-Mainar A, Navarro-Artieda R. Response: economic impact of combining metformin with dipeptidyl peptidase-4 inhibitors in diabetic patients with renal impairment in spanish patients (diabetes metab j 2015;39:74-81). *Diabetes & metabolism journal*. 2015 Apr; 39(2):173-4. doi:10.4093/dmj.2015.39.2.173. pmc:PMC4411550. PMID:25922813. **FI: 3,267**

Sicras-Mainar A, Rejas-Gutiérrez J, Navarro-Artieda R. Comparative effectiveness and costs of generic and brand-name gabapentin and venlafaxine in patients with neuropathic pain or generalized anxiety disorder in Spain. *ClinicoEconomics and outcomes research : CEOR*. 2015 ; 7:299-312. doi:10.2147/CEOR.S85756. pii:ceor-7-299. pmc:PMC4461091. PMID:26082655.

Torres-Ricarte M, Crusat-Abelló E, Peñuelas-Rodríguez S, Zabaleta-del-Olmo E. Nurse-led in Primary Health Care setting: a well-timed and promising organizational innovation. *Enfermería clínica*. 2015 Mar-Apr; 25(2):87-91. doi:10.1016/j.enfcli.2014.12.010. pii:S1130-8621(15)00002-9. PMID:25736844.

Trujillo Gómez JM, Díaz-Gete L, Martín-Cantera C, Fábregas Escurriola M, Lozano Moreno M, Burón Leandro R, Gomez Quintero AM, Ballve JL, Clemente Jiménez ML, Puigdomènech Puig E, Casas More R, García Rueda B, Casajuana M, Méndez-Aguirre M, García Bonias D, Fernández Maestre S, Sánchez Fondevila J. Intervention for Smokers through New Communication Technologies: What Perceptions Do Patients and Healthcare Professionals Have? A Qualitative Study. *PloS one*. 2015 ; 10(9):e0137415. doi:10.1371/journal.pone.0137415. pii:PONE-D-15-05535. pmc:PMC4560416. PMID:26340346. **FI: 3,234**

Valdivieso López E, Rey-Reñones C, Rodríguez-Blanco T, Ferre Grau C, Arijá V, Barrera Uriarte ML, Granado-Font E, Flores-Mateo G. Efficacy of a smoking prevention programme in Catalan secondary schools: a cluster-randomized controlled trial in Spain. *Addiction (Abingdon, England)*. 2015 May; 110(5):852-60. doi:10.1111/add.12833. PMID:25515936. **FI: 4,738**

Zabaleta-Del-Olmo E, Bolibar B, García-Ortíz L, García-Campayo J, Llobera J, Bellón JÁ, Ramos R. Building interventions in primary health care for long-term effectiveness in health promotion and disease prevention. A focus on complex and multi-risk interventions. *Preventive medicine*. 2015 Jul; 76 Suppl:S1-4. doi:10.1016/j.ypmed.2015.03.011. pii:S0091-7435(15)00082-1. PMID:25778858. **FI: 3,086**

The group participates in the following articles

Barrecheguren M, Monteagudo M, Ferrer J, Borrell E, Llor C, Esquinas C, Miravittles M. Treatment patterns in COPD patients newly diagnosed in primary care. A population-based study. *Respiratory medicine*. 2016 Feb; 111:47-53. doi:10.1016/j.rmed.2015.12.004. Epub 2015 Dec 23. PMID:26758585. **FI: 3,086**

Benitez-Camps M, Vinyoles-Bargalló E, Rebagliato-Nadal O, Morros-Pedros R, Pera-Pujadas H, Dalfó-Baqué A, López-Pavón I, Roca-Sánchez C, Coma-Carbó RM, De La Figuera Von Wichmann M, Mengual-Martínez L, Yuste-Marco C, Teixidó-Colet M, Pepió i Vilaubí JM, Ciurana-Tost R, Pou-Vila R, Vila-Coll MA, Bordas-Julve JM, Aragonès-Forès R, Pelegrina-Rodríguez FJ, Agudo-Ugena J, Blanco-Mata C, de la Iglesia Berrojalbiz J, Burgos-Alonso N, Gómez-Fernández MC. Evaluation of the relationship between effervescent paracetamol and blood pressure: clinical trial. *BMC cardiovascular disorders*. 2015 ; 15:167. doi:10.1186/s12872-015-0161-7. Epub 2015 Dec 10. pmc:PMC4676099. PMID:26654907. **FI: 2,021**

Darba J, Ramírez G, Sicras-Mainar A, Francolí-Martínez P, Torvinen S, Sánchez-de la Rosa R. The Importance of Inhaler Devices: An Incorrect Inhaler Technique Leads to Suboptimal Medication Compliance In Patients With

Copd. Value in health: the journal of the International Society for Pharmacoeconomics and Outcomes Research. 2015 Nov; 18(7):A362. doi:10.1016/j.jval.2015.09.703. pii:S1098-3015(15)02779-5. PMID:26532048. **FI: 3,279**

Darba J, Ramírez G, Sicras-Mainar A, García-Bujalance L, Torvinen S, Sánchez-de la Rosa R. Identification of Factors Involved In Medication Compliance: Incorrect Inhaler Technique of Asthma Treatment Leads to Poor Compliance. Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research. 2015 Nov; 18(7):A362-3. doi:10.1016/j.jval.2015.09.706. pii:S1098-3015(15)02782-5. PMID:26532049. **FI: 3,279**

Magin P, Dunbabin J, Goode S, Valderas JM, Levi C, D'Souza M, Marshall M, Barker D, Lasserson D. Patients' responses to transient ischaemic attack symptoms: a cross-sectional questionnaire study in Australian general practices. The British journal of general practice : the journal of the Royal College of General Practitioners. 2015 Jan; 65(630):e24-31. doi:10.3399/bjgp15X683125. pii:65/630/e24. pmc:PMC4276004. PMID:25548313. **FI: 2,294**

Martín Cantera C, Puigdomènech E, Ballvé JL, Arias OL, Clemente L, Casas R, Roig L, Pérez-Tortosa S, Díaz-Gete L, Granollers S. Effectiveness of multicomponent interventions in primary healthcare settings to promote continuous smoking cessation in adults: a systematic review. BMJ open. 2015; 5(10):e008807. doi:10.1136/bmjopen-2015-008807. pii:bmjopen-2015-008807. pmc:PMC4606220. PMID:26428333. **FI: 2,271**

Marzo-Castillejo M, Almeda J, Mascort JJ, Cunillera O, Saladich R, Nieto R, Piñeiro P, Llagostera M, Cantero F, Segarra M, Puente D. Appropriateness of colonoscopy requests according to EPAGE-II in the Spanish region of Catalonia. BMC family practice. 2015 ; 16(1):154. doi:10.1186/s12875-015-0369-8. pii:10.1186/s12875-015-0369-8. pmc:PMC4620598. PMID:26498043. **FI: 1,669**

Peguero E, Berenguera A, Pujol-Ribera E, Roman B, Prieto CM, Terribas N. The workers opinions have a value in the Code of Ethics: Analysis of the contributions of workers in virtual Forum Catalan Institute of Health. BMC medical ethics. 2015 ; 16:90. doi:10.1186/s12910-015-0081-1. Epub 2015 Dec 23. pmc:PMC4690413. PMID:26699287.

Ricci-Cabello I, Violán C, Foguet-Boreu Q, Mounce LT, Valderas JM. Impact of multi-morbidity on quality of healthcare and its implications for health policy, research and clinical practice. A scoping review. The European journal of general practice. 2015 Sep; 21(3):192-202. pii:10.3109/13814788.2015.1046046. PMID:26232238. **FI: 1,217**

Sicras-Mainar A, Navarro-Artieda R, Ruiz-Torrejón A, Sáez-Zafra M, Coll-de Tuero G. Impact of Loss of Work Productivity in Patients with Overactive Bladder Treated with Antimuscarinics in Spain: Study in Routine Clinical Practice Conditions. Clinical drug investigation. 2015 Oct; doi:10.1007/s40261-015-0342-2. pii:10.1007/s40261-015-0342-2. PMID:26464261. **FI: 1,557**

Sicras-Mainar A, Navarro-Artieda R. Use of antidepressants in the treatment of major depressive disorder in primary care during a period of economic crisis. Neuropsychiatric disease and treatment. 2016 ; 12:29-40. doi:10.2147/NDT.S91227. Epub 2015 Dec 30. pmc:PMC4699544. PMID:26766910.

van Bijnen EM, Paget J, de Lange-de Klerk ES, den Heijer CD, Versporten A, Stobberingh EE, Goossens H, Schellevis FG; collaboration with the APRES Study Team. Antibiotic Exposure and Other Risk Factors for Antimicrobial Resistance in Nasal Commensal Staphylococcus aureus: An Ecological Study in 8 European Countries. PLoS One. 2015 Aug 11;10(8):e0135094. doi: 10.1371/journal.pone.0135094. eCollection 2015. PubMed PMID: 26262679; PubMed Central PMCID: PMC4532423 **FI: 3,234**

Vila-Corcoles A, Ansa X, Ochoa-Gondar O, Satue E, de Diego C, Rodriguez-Blanco T; EPIVAC Research Team. Pneumococcal pneumonia in adults 60 years or older: Incidence, mortality and prevention. Medicina clínica. 2016 Mar; 146(5):199-202. doi:10.1016/j.medcli.2015.09.015. Epub 2015 Dec 03. PMID:26654560. **FI: 1,417**

Indicators

Researchers with PhD	12
Total number of projects in which group members have participated	58
Total number of projects in which the PI of the project has belonged to the group	29
Total Funding	2.910.623,04 €
Scientific publications in indexed journals	36
Total Impact factor	105,89
Nº of articles in Q1 journals	19
Q1 IF	67,159
Nº of articles in Q2 journals	13
Q2 IF	30,581

Research Group: GRETAP (Research Group in Therapies in Primary Care)

Multidisciplinary group constituted by primary care professionals, pharmacists, statisticians and members of the Catalan Institute of Physical Education. The GRETAP Group has studied pharmacological and non-pharmacological therapies in the general population since 2007. Professionals from the University of Lleida, the Institute of Biomedical Research of Lleida and the Epidemiology Unit of the Catalan Health Department also collaborate with the GRETAP Group. The main areas of research are prevalence, efficiency, cost and adherence to pharmacological and non-pharmacological therapies.

Línes: Applicability of the study of exposure to drugs in a population; Treatment adherence; Changes of diseases over time; Health Inequality; Efficiency and cost-effectiveness of new therapies; Drug monitoring; Efficiency and cost-effectiveness of various non-pharmacological therapeutic interventions.

Group Leader

Cruz Esteve, Inés



Researchers

Galindo Ortego, Gisela
Galvan Santiago, Leonardo
Real Gatus, Jordi
Ribes Murillo, Esther Noemi
Serna Arnaiz, Maria Catalina
Serra Paya, Noemi
Soler González, Jorge
Teixidó Armengol, Conxita
Yuguero Torres, Oriol

The group participates in the following projects

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, s.l. Duration: 2015 - 2018

IP: Verdú Rotellar, José María. *Estratificación pronóstica de la insuficiencia cardiaca descompensada en atención primaria: Estudio HEFESTOS*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Yuguero Torres, Oriol. *Estudio de la empatía de los médicos y enfermeras de Atención Primaria de la Región Sanitaria de Lleida y su relación con las variables clínicas*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2018

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, s.l. Duration: 2014 - 2017

IP: Real Gatus, Jordi. *Estrategias de emparejamiento de muestras (matching) para eliminar la confusión en los estudios observacionales: Aplicación en farmacoepidemiología con grandes bases de datos de registros clínicos*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Foguet Boreu, Quintí. *Identificación de los patrones de multimorbilidad y la polimedicación asociada, a una muestra poblacional de atención primaria*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Teixidó Armengol, Conxita. *Evaluación de un programa de intervención familiar en población infantil con sobrepeso u obesidad en relación a la mejora de resultados antropométricos a largo plazo: Ensayo clínico aleatorio controlado*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Boada Valmaseda, Albert. *Prevalencia de portadores nasales de Staphylococcus aureus y Streptococcus pneumoniae en atención primaria y factores asociados a la colonización, así como al consumo individual de antibióticos*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

- IP:** Muñoz Pérez, Miguel Angel. *Factores pronósticos de mortalidad a corto plazo en enfermos con Insuficiencia cardíaca avanzada: Estudio HADES*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016
- IP:** Muñoz Pérez, Miguel Angel. *Eficacia de la prevención secundaria de la cardiopatía isquémica en atención primaria (Estudio ICAR: Intervención en la Comunidad de Alto Riesgo Coronario)*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016
- IP:** Lloret Capdevila, Alba. *Belluga't de cap a peus; promoció de l'activitat física saludable en pacients sedentaris i amb risc metabòlic*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016
- IP:** Martínez Ramos, Elena. *Evaluación de la efectividad de una intervención basada en la disminución de las horas de sedestación en pacientes con sobrepeso u obesidad moderada (proyecto SEDESTACTIV). Ensayo clínico aleatorio controlado*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Forés Raurell, Rosa. *Cilostazol en el tratamiento de la arteriopatía periférica: reacciones adversas cardiovasculares y hemorrágicas en condiciones de uso reales*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016
- IP:** Cruz Esteve, Inés. *Prescripció potencialment inadequada en ancians: utilitat dels criteris START/STOPP per a la seva detecció a nivell poblacional*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015
- IP:** Serna Arnaiz, Maria Catalina. *Seguimiento de pacientes en tratamiento crónico con antidepresivos durante los años 2003-2011: Análisis de los factores asociados al cumplimiento*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015

The group participates in the following articles

- Casañas R, Catalán R, Penadés R, Real J, Valero S, Muñoz M, Lalucat-Jo L, Casas M. Evaluation of the Effectiveness of a Psychoeducational Intervention in Treatment-Naïve Patients with Antidepressant Medication in Primary Care: A Randomized Controlled Trial. *TheScientificWorldJournal*. 2015 ; 2015:718607. doi:10.1155/2015/718607. pmc:PMC4562075. PMID:26380366.
- Martínez-Ramos E, Martín-Borràs C, Trujillo JM, Giné-Garriga M, Martín-Cantera C, Solà-Gonfaus M, Castillo-Ramos E, Pujol-Ribera E, Rodríguez D, Puigdomenech E, Beltran AM, Serra-Paya N, Gascón-Catalán A, Puig-Ribera A. Prolonged Sitting Time: Barriers, Facilitators and Views on Change among Primary Healthcare Patients Who Are Overweight or Moderately Obese. *PloS one*. 2015; 10(6):e0125739. doi:10.1371/journal.pone.0125739. pii:PONE-D-14-53300. pmc:PMC4461272. PMID:26057237. **FI: 3,234**
- Montserrat-Capdevila J, Godoy P, Marsal JR, Barbé F, Galván L. Risk of exacerbation in chronic obstructive pulmonary disease: a primary care retrospective cohort study. *BMC family practice*. 2015 ; 16(1):173. doi:10.1186/s12875-015-0387-6. Epub 2015 Dec 08. pmc:PMC4672528. PMID:26642879. **FI: 1,669**
- Muñoz MA, Real J, Del Val JL, Vinyoles E, Mundet X, Domingo M, Enjuanes C, Verdú-Rotellar JM. Impact of the sustained control of cardiovascular risk factors on first episode heart failure: The relevant role of primary care. *The European journal of general practice*. 2015 ; 21(4):224-30. doi:10.3109/13814788.2015.1049154. Epub 2015 Jul 24. PMID:26205157. **FI: 1,217**
- Puig-Ribera A, Martín-Cantera C, Puigdomenech E, Real J, Romaguera M, Magdalena-Belio JF, Recio-Rodríguez JJ, Rodríguez-Martin B, Arietaleanizbeaskoa MS, Repiso-Gento I, García-Ortiz L. Screening Physical Activity in Family Practice: Validity of the Spanish Version of a Brief Physical Activity Questionnaire. *PloS one*. 2015; 10(9):e0136870. doi:10.1371/journal.pone.0136870. pii:PONE-D-15-04103. PMID:26379036. **FI: 3,234**
- Real J, Cleries R, Forné C, Roso-Llorach A, Martínez-Sánchez JM. Use of multiple regression models in observational studies (1970-2013) and requirements of the STROBE guidelines in Spanish scientific journals. *Semergen / Sociedad Espanola de Medicina Rural y Generalista*. 2015 Nov; doi:10.1016/j.semerg.2015.06.020. Epub 2015 Nov 5. PMID:26548318.
- Real J, Galindo G, Galván L, Lafarga MA, Rodrigo MD, Ortega M. Use of oral bisphosphonates in primary prevention of fractures in postmenopausal women: a population-based cohort study. *PloS one*. 2015 ; 10(4):e0118178. doi:10.1371/journal.pone.0118178. pii:PONE-D-14-31455. pmc:PMC4393307. PMID:25861000. **FI: 3,234**
- Serna MC, Real J, Cruz I, Galván L, Martín E. Monitoring patients on chronic treatment with antidepressants between 2003 and 2011: analysis of factors associated with compliance. *BMC public health*. 2015; 15:1184. doi:10.1186/s12889-015-2493-8. Epub 2015 Nov 26. pmc:PMC4661976. PMID:26611468. **FI: 2,264**

Serra-Paya N, Ensenyat A, Castro-Viñuales I, Real J, Sinfreu-Bergués X, Zapata A, Mur JM, Galindo-Ortego G, Solé-Mir E, Teixido C. Effectiveness of a Multi-Component Intervention for Overweight and Obese Children (Nereu Program): A Randomized Controlled Trial. *PloS one*. 2015; 10(12):e0144502. doi:10.1371/journal.pone.0144502. Epub 2015 Dec 14. pmc:PMC4684233. PMID:26658988. **FI: 3,234**

Soler-González J, Fernández de Sanmamed MJ, Gervas J. Equality in clinical practice. Proposals for patients, professionals and managers and policies to limit discrimination. *Revista de calidad asistencial: órgano de la Sociedad Española de Calidad Asistencial*. 2015 May-Jun; 30(3):108-16. doi:10.1016/j.cali.2015.02.004. pii:S1134-282X(15)00042-1. PMID:25864016.

Valenzuela-Pascual F, Molina F, Corbi F, Blanco-Blanco J, Gil RM, Soler-Gonzalez J. The influence of a biopsychosocial educational internet-based intervention on pain, dysfunction, quality of life, and pain cognition in chronic low back pain patients in primary care: a mixed methods approach. *BMC medical informatics and decision making*. 2015 ; 15:97. doi:10.1186/s12911-015-0220-0. Epub 2015 Nov 23. pmc:PMC4657202. PMID:26597937. **FI: 1,830**

Yuguero Torres O, Esquerda Aresté M, Marsal Mora JR, Soler-González J. Association between Sick Leave Prescribing Practices and Physician Burnout and Empathy. *PloS one*. 2015; 10(7):e0133379. doi:10.1371/journal.pone.0133379. pii:PONE-D-15-21878. pmc:PMC4510532. PMID:26196687. **FI: 3,234**

Indicators

Researchers with PhD	9
Total number of projects in which group members have participated	16
Total number of projects in which the PI of the project has belonged to the group	5
Total Funding	654.750,89 €
Scientific publications in indexed journals	9
Total Impact factor	23,15
Nº of articles in Q1 journals	5
Q1 IF	16,17
Nº of articles in Q2 journals	3
Q2 FI	5,763

Research Group: Laboratory Group for the Research in QUALITY INDICATORS

This group consists in physicians, pharmacists and chemists of the Catalan Health Institute that specialise in clinical chemistry and laboratory medicine. In addition, seven members of this group belong to the Laboratory Tests Quality Commission of the Spanish Society of Clinical Biochemistry and Molecular Pathology (SEQC) and have over 15 years of experience on quality of laboratory tests. Another four members belong to the Preanalytical Phase Quality Commission of the Spanish Society of Clinical Biochemistry and Molecular Pathology, which aims to determine the preanalytical phase errors. Quality indicators are essential to monitor quality management systems. They must be designed to detect errors as early as possible to guarantee the reliability of laboratory processes. Monitoring the results of quality indicators prevents errors that can affect the management of the patient.

Lines: Quality indicators in the clinical laboratory; Adequacy of requests for laboratory tests from primary care; Agreement on critical values; Warning values in the e-CAP.

Group Leader

Llovet Lombarte, M^a Isabel



Researchers

Alsina Kirchner, Maria Jesus
Alvarez Funes, Virtudes
Biosca Adzet, Carmen
Blanco Font, Aurora
Busquets Soria, Glòria
Domenech Clar, M^a Vicenta
Ibarz Escuer, Mercè
Llopis Diaz, M^a Antonia
Minchinela Girona, Joana
Montesinos Costa, Mercè
Perich Alsina, Carme
Ruiz Morer, M^a Rosa
Serrat Orús, Núria
Simon Palmada, Margarida

Research Projects

IP: Llovet Lombarte, M^a Isabel. *Consens de Resultats Crítics del Laboratori (CRICS)*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2018

The group participates in the following projects

IP: Salvador Gonzalez, Betlem. *Riesgo cardiovascular asociado a la disminución del filtrado glomerular en mayores de 60 años en Atención Primaria*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

The group participates in the following articles

Gella J, Alsina MJ, Biosca C, Serrat N, Montesinos M, Ruiz J, Ibarz M, Simon M, Alvarez V, Torres J, Llovet MI, Blanco A, Sánchez M. Evaluación multicéntrica de materiales para el control de calidad de los índices séricos. [Article Original]. *Revista del laboratorio clínico*. 2015;8:61-66.

Perich C, Minchinela J, Ricós C, Fernández-Calle P, Alvarez V, Doménech MV, Simón M, Biosca C, Boned B, García-Lario JV, Cava F, Fernández-Fernández P, Fraser CG. Biological variation database: structure and criteria used for generation and update. *Clinical chemistry and laboratory medicine* : CCLM / FESCC. 2015 Feb; 53(2):299-305. doi:10.1515/cclm-2014-0739. pii:/j/cclm.ahead-of-print/cclm-2014-0739/cclm-2014-0739.xml. PMID:25415636. **FI: 2,707**

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XVIII Programa de Garantía Externa de la Calidad de Bioquímica (Hemoglobina A1c) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/90.%20Hemoglobina.pdf>. 2015;1:197-199.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernandez Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XX Programa de Garantía Externa de la Calidad de Bioquímica (gases en sangre-POCT) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/80.Gases%20en%20sangre.pdf>. 2015;1:183-195.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. VII Programa de Garantía Externa de la Calidad de Bioquímica (drogas de abuso en orina) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/120.%20Drogas%20de%20abuso.pdf>. 2015;1:236-245.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. IX Programa de Garantía Externa de la Calidad de Bioquímica (componentes monoclonales) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/130.%20C.%20Monoclonales.pdf>. 2015;1:248-262.

Ramon F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XIV Programa de Garantía Externa de la Calidad de Bioquímica (marcadores cardíacos) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/110.%20M.%20Cardiacos.pdf> 2015;1:223-233.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XXIII Programa de Garantía Externa de la Calidad de Bioquímica (hormonas) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/60.%20Hormonas.pdf>. 2015;1:100-142.

Ramón F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XXIV Programa de Garantía Externa de la Calidad de Bioquímica (orina) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/50.%20Orina.pdf>. 2015;1:73-98.

Ramon F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XXI Programa de Garantía Externa de la Calidad de Bioquímica (proteínas) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/70.%20Prote%C3%ADnas.pdf>. 2015;1:144-180.

Ramon F, Alsina MJ, Alvarez V, Boned B, Biosca C, Bullich S, Cortés M, Díaz J, Domenech MV, Fernández Calle P, Fernández Fernández P, García JV, González E, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XIV Programa de Garantía Externa de la Calidad de Bioquímica (marcadores tumorales) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2014). <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/70%20Programas%202014/100.%20M.Tumorales.pdf>. 2015;1:202-220.

Ricós C, Álvarez V, Perich C, Fernández-Calle P, Minchinela J, Cava F, Biosca C, Boned B, Doménech M, García-Lario JV, Simón M, Fernández PF, Díaz-Garzón J, González-Lao E. Rationale for using data on biological variation. *Clinical chemistry and laboratory medicine: CCLM / FESCC*. 2015 May; 53(6):863-70. doi:10.1515/cclm-2014-1142. pii:/j/cclm.2015.53.issue-6/cclm-2014-1142/cclm-2014-1142.xml. PMID:25928757. **FI: 2,707**

Indicators

Researchers with PhD	3
Total number of projects in which group members have participated	2
Total number of projects in which the PI of the project has belonged to the group	1
Total Funding	23.916,08 €
Scientific publications in indexed journals	2
Total Impact factor	5,41
Nº of articles in Q1 journals	2
Q1 IF	5,414
Nº of articles in Q2 journals	0
Q2 FI	

Research Group: TICS-AP (Information and Communications Technology in Primary Care Group. TICS-AP)

The group TICS-AP is a multidisciplinary group which includes nurses, IT engineers and doctors, all professionals of different areas of primary care that encompass management, research and clinical care. The group is based at the RSU-Tarragona and one of the team members is an IDIAP Jordi Gol research technician. In addition, they work closely with the Health Agency of Catalonia and with the University Rovira i Virgili. The general objective of the group is to design and develop interventions that integrate Web 2.0 tools and IT and to evaluate the efficacy of these interventions to improve the health of patients that attend primary care services.

Lines: Application of Web 2.0 tools in primary care; Telemetry in primary care; Use of Electronic Medical Records in epidemiological research.

Group Leader

Flores Mateo, Gemma



Researchers

Barrera Uriarte, M^a Luisa
Granado Font, Ester
Molina Gómez, Juan Domingo
Montaña Carreras, Francisco Javier
Rey Reñones, Cristina

Group Projects

IP: Cabré Vila, Juan José. *Factibilidad y efectividad de la medición de la conductancia electroquímica dérmica para el cribado de neuropatía diabética en Atención Primaria.* Funding: Fundació d' Atenció Primària (CAMFiC). Duration: 2015 - 2017

IP: Sorlí Aguilar, Mar. *ESTUDIO DIET: Ensayo clínico multicéntrico y aleatorizado para valorar la relación entre la función pulmonar y la adherencia a una dieta de tipo mediterránea.* Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Flores Mateo, Gemma. *Efectividad de las estrategias para mejorar la adherencia terapéutica en pacientes crónicos: revisión de revisiones sistemáticas y meta-análisis.* Funding: FARMAINDUSTRIA. Duration: 2015 - 2016

IP: Satué Gracia, Eva María. *Eficacia de una aplicación para dispositivos móviles para mejorar la adherencia a dieta y ejercicio en adultos con sobrepeso y obesidad. Ensayo clínico aleatorizado.* Funding: IDIAP Jordi Gol. Duration: 2014 - 2016

The group participates in the following projects

IP: Rey Reñones, Cristina. *Eficacia de una aplicación para dispositivos móviles en la deshabituación de tabaco en jóvenes (Smart_Smoke): Ensayo clínico aleatorizado por conglomerados.* Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Díaz Gete, Laura. *Efectividad de una intervención con seguimiento por correo electrónico del abandono sostenido del tabaquismo (Estudio TABATIC). Ensayo clínico aleatorizado controlado multicéntrico.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

Group articles

Benítez Camps M, Cerain Herrero MJ, de Miguel Llorente N, Martorell Sole E, Flores Mateo G, Pedro Pijoan AM, Murillo-Huapaya C. Tamsulosin efficacy and safety for conservative management of renal colic: systematic review and meta-analysis of randomized controlled trials. *Medicina clínica*. 2015 Sep; 145(6):239-47. doi:10.1016/j.med-cli.2015.01.029. Epub 2015 May 14. Spanish. PMID:25982524. **FI: 1,417**

Flores Mateo G, Granado-Font E, Ferré-Grau C, Montaña-Carreras X. Mobile Phone Apps to Promote Weight Loss and Increase Physical Activity: A Systematic Review and Meta-Analysis. *Journal of medical Internet research*. 2015 ; 17(11):e253. doi:10.2196/jmir.4836. pii:v17i11e253. PMID:26554314. **FI: 3,428**

Granado-Font E, Flores-Mateo G, Sorlí-Aguilar M, Montaña-Carreras X, Ferre-Grau C, Barrera-Uriarte ML, Oriol-Colominas E, Rey-Reñones C, Caules I, Satué-Gracia EM. Effectiveness of a Smartphone application and wearable device for weight loss in overweight or obese primary care patients: protocol for a randomised controlled trial. *BMC public health*. 2015; 15:531. doi:10.1186/s12889-015-1845-8. pii:10.1186/s12889-015-1845-8. pmc:PMC445326. PMID:26041131. **FI: 2,264**

Martin-Lujan F, Santigosa-Ayala A, Piñol-Moreso JL, Sorlí-Aguilar M, Flores-Mateo G, Bladé-Creixenti J, Basora-Gallisà J, Sola-Alberich R. Multicentric randomized clinical trial to evaluate the long-term effectiveness of a motivational intervention against smoking, based on the information obtained from spirometry in primary care: the RESET study protocol. *BMC family practice*. 2016; 17(1):15. doi:10.1186/s12875-016-0415-1. pii:10.1186/s12875-016-0415-1. pmc:PMC4743363. PMID:26846522. **FI: 1,669**

Rey C, Valdivieso E, Barrera ML, Granado E, Arija V. Percepción de los adolescentes de la publicidad encubierta del tabaco. *Metas de enfermería*. 2015;18(3):24-32.

Rodríguez-Monforte M, Flores-Mateo G, Sánchez E. Dietary patterns and CVD: a systematic review and meta-analysis of observational studies. *The British journal of nutrition*. 2015 Nov; 114(9):1341-59. doi:10.1017/S0007114515003177. pii:S0007114515003177. PMID:26344504. **FI: 3,453**

Sorlí-Aguilar M, Martín-Luján F, Santigosa-Ayala A, Piñol-Moreso JL, Flores-Mateo G, Basora-Gallisà J, Arija-Val V, Solà-Alberich R. Effects of mediterranean diet on lung function in smokers: a randomised, parallel and controlled protocol. *BMC public health*. 2015 ; 15:74. doi:10.1186/s12889-015-1450-x. pii:s12889-015-1450-x. pmc:PMC4328054. PMID:25636808. **FI: 2,264**

Valdivieso López E, Rey-Reñones C, Rodríguez-Blanco T, Ferre Grau C, Arija V, Barrera Uriarte ML, Granado-Font E, Flores-Mateo G. Efficacy of a smoking prevention programme in Catalan secondary schools: a cluster-randomized controlled trial in Spain. *Addiction (Abingdon, England)*. 2015 May; 110(5):852-60. doi:10.1111/add.12833. PMID:25515936. **FI: 4,738**

Zaballos P, Serrano P, Flores G, Bañuls J, Thomas L, Llambrich A, Castro E, Lallas A, Argenziano G, Zalaudek I, Del Pozo LJ, Landi C, Malvey J. Dermoscopy of tumours arising in naevus sebaceous: a morphological study of 58 cases. *Journal of the European Academy of Dermatology and Venereology: JEADV*. 2015 Nov; 29(11):2231-7. doi:10.1111/jdv.13226. PMID:26300536. **FI: 2,826**

Indicators

Researchers with PhD	7
Total number of projects in which group members have participated	6
Total number of projects in which the PI of the project has belonged to the group	2
Total Funding	274.052,11 €
Scientific publications in indexed journals	8
Total Impact factor	22,06
Nº of articles in Q1 journals	4
Q1 IF	14,445
Nº of articles in Q2 journals	4
Q2 FI	7,614

Research Area: Infectious Diseases

Research Group: EPIVAC (Effectiveness of pneumococcal and influenza vaccines)

The EPIVAC group was formed within the primary health care services of Tarragona-Valls and comprises a multi-disciplinary group of researchers and primary health care professionals. It is a well consolidated group accredited by IDIAP Jordi Gol and by AGAUR (agency for the management of university and research grants of the Catalan Generalitat).

Basically the group carries out population-based clinical and epidemiological research into infectious respiratory diseases which are preventable by vaccination.

Lines: epidemiology of Community-Acquired Pneumonia (CAP) in the general population. Epidemiology of pneumococcal diseases in the general population, but especially among infants and old people. Evaluation of the effectiveness of the 23-valent pneumococcal polysaccharide vaccine in people over 50 and the heptavalent conjugate vaccine in infants. Evaluation of the effectiveness of the anti-flu vaccine in the general population and in specific high-risk subgroups.

Group Leader

Vila Corcoles, Angel



Researchers

Ansa Echeverria, Xabier
Blade Creixenti, Jordi
de Diego Cabanes, Cinta
Hospital Guardiola, Immaculada
Ochoa Gondar, Olga
Satué Gracia, Eva María

The group participates in the following projects

IP: Llor Vilà, Carles. *Eficacia de dosis altas de penicilina v oral frente a amoxicilina a dosis altas en el tratamiento de la neumonía no grave atendida en la comunidad en adultos.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

IP: Gens Barberà, Montserrat. *Estratègia per millorar la seguretat dels pacients en l'atenció primària d'un territori.* Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2015 - 2016

IP: Satué Gracia, Eva María. *Eficacia de una aplicación para dispositivos móviles para mejorar la adherencia a dieta y ejercicio en adultos con sobrepeso y obesidad. Ensayo clínico aleatorizado.* Funding: IDIAP Jordi Gol. Duration: 2014 - 2016

IP: Martín Luján, Francisco. *Ensayo clínico aleatorizado y multicéntrico para evaluar la eficacia de una intervención motivacional contra el tabaquismo basada en la información obtenida en una espirometría realizada en Atención Primaria.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Aragonès Benaiges, Enric. *Avaluació del risc cardiovascular associat als diferents fenotips clínics de la síndrome metabòlica i dels risc addicional associat a la presència de depressió/ansietat.* Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following articles

Granado-Font E, Flores-Mateo G, Sorlí-Aguilar M, Montaña-Carreras X, Ferre-Grau C, Barrera-Uriarte ML, Oriol-Colominas E, Rey-Reñones C, Caules I, Satué-Gracia EM. Effectiveness of a Smartphone application and wearable device for weight loss in overweight or obese primary care patients: protocol for a randomised controlled trial. BMC public health. 2015; 15:531. doi:10.1186/s12889-015-1845-8. pii:10.1186/s12889-015-1845-8. pmc:PMC4455326. PMID:26041131. **FI: 2,264**

Martin-Lujan F, Santigosa-Ayala A, Piñol-Moreno JL, Sorlí-Aguilar M, Flores-Mateo G, Bladé-Creixenti J, Basora-Gallisa J, Sola-Alberich R, . Multicentric randomized clinical trial to evaluate the long-term effectiveness of a motivational intervention against smoking, based on the information obtained from spirometry in primary care: the RESET study protocol. BMC family practice. 2016; 17(1):15. doi:10.1186/s12875-016-0415-1. pii:10.1186/s12875-016-0415-1. pmc:PMC4743363. PMID:26846522. **FI: 1,669**

Ochoa-Gondar O, Figuerola-Massana E, Vila-Corcoles A, Aguirre CA, de Diego C, Satue E, Gomez F, Raga X. Epidemiology of Streptococcus pneumoniae causing acute otitis media among children in Southern Catalonia throughout 2007-2013: Incidence, serotype distribution and vaccine's effectiveness. International journal of pediatric otorhinolaryngology. 2015 Sep; doi:10.1016/j.ijporl.2015.09.022. pii:S0165-5876(15)00469-3. PMID:26453272. **FI: 1,186**

Ochoa-Gondar O, Gómez-Bertomeu F, Vila-Córcoles A, Raga X, Aguirre C, Utrera J, de Diego C, Guzmán JA, Figuerola E. Prevalence of serotypes causing invasive pneumococcal disease in the region of Tarragona, Spain, 2006-2009: vaccine-serotype coverage for the distinct antipneumococcal vaccine formulations. Revista española de quimioterapia: publicación oficial de la Sociedad Española de Quimioterapia. 2015 Feb; 28(1):29-35. pii:ochoa. PMID:25690142. **FI: 0,797**

Satue E, Vila-Corcoles A, Ochoa-Gondar O, de Diego C, Forcadell MJ, Rodriguez-Blanco T, Barnes L, Jarrod M. Incidence and risk conditions of ischemic stroke in older adults. Acta neurologica Scandinavica. 2015 Nov; doi:10.1111/ane.12535. PMID:26592375. **FI: 2,395**

Vila-Corcoles A, Aguirre-Chavarria C, Ochoa-Gondar O, de Diego C, Rodriguez-Blanco T, Gomez F, Raga X, Barnes L, Magarolas R, Esteban L. Influence of chronic illnesses and underlying risk conditions on the incidence of pneumococcal pneumonia in older adults. Infection. 2015 Dec; 43(6):699-706. doi:10.1007/s15010-015-0801-y. Epub 2015 Jun 03. PMID:26037386. **FI: 2,618**

Vila-Corcoles A, Ansa X, Ochoa-Gondar O, Satue E, de Diego C, Rodriguez-Blanco T; EPIVAC Research Team. Pneumococcal pneumonia in adults 60 years or older: Incidence, mortality and prevention. Medicina clínica. 2016 Mar; 146(5):199-202. doi:10.1016/j.medcli.2015.09.015. Epub 2015 Dec 03. PMID:26654560. **FI: 1,417**

Vila-Córcoles A, Forcadell MJ, de Diego C, Ochoa-Gondar O, Satué E, Rull B, Barnes L, Jarrod M. [Incidence and mortality of ischaemic stroke among people 60 years or older in the region of Tarragona, Spain]. Revista española de salud pública. 2015 Dec; 89(6):597-605. doi:10.4321/S1135-57272015000600007. pii:S1135-57272015000600007. PMID:26786307.

Vila-Córcoles Á, Salsench-Serrano E, Ochoa-Gondar O, Aguirre-Chavarría C, Utrera-Aponte J, Guzmán-Ávalos J. Incidence and lethality of invasive pneumococcal disease in Tarragona, Spain, 2006-2009. Enfermedades infecciosas y microbiología clínica. 2015 Mar; 33(3):186-9. doi:10.1016/j.eimc.2014.09.018. pii:S0213-005X(14)00342-5. PMID:25613558. **FI: 2,172**

Indicators

Researchers with PhD	12
Total number of projects in which group members have participated	5
Total number of projects in which the PI of the project has belonged to the group	2
Total Funding	166.700,66 €
Scientific publications in indexed journals	8
Total Impact factor	14,52
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	5
Q2 FI	10,363

Research Group: GRIP (Infections in Primary Care Research Group)

The main objective of the group is to define the antimicrobial stewardship in primary care in order to rationalise antibiotic use and to target the subgroups of patients that really need to receive antibiotic treatment. Another objective is to identify the most prevalent causes of infection in the community, distinguish between bacterial and viral origin and the level of resistance to antimicrobials. In addition, the group aims to provide the GP with point-of-care diagnostic tools for infections in the community. This group includes GPs that investigate various aspects of infectious diseases in primary care, together with other professionals such as specialists in respiratory diseases, nurses and statisticians. The group aims to collaborate with microbiology specialists in the near future. GRIP collaborates with the following entities: hospitals (Hospital Vall d'Hebron of Barcelona and Hospital Joan XXIII of Tarragona), universities (Universitat de Barcelona, Universitat Autònoma de Barcelona, Universitat Rovira i Virgili, Cardiff University and University of Copenhagen) and scientific societies (Camfic, SemFYC and WONCA).

Lines: rational use of antibiotics in respiratory infections: long-term effectiveness of a multipronged strategy in the use of antibiotics for respiratory infections. Lower respiratory tract infections: identify the subgroups of patients that can benefit from antibiotic treatment and verify the effectiveness of prophylaxis in COPD. Otitis media and external: effectiveness of topical antiseptic treatment versus oral antibiotics to treat acute otorrhoea. Acute tonsillitis: aetiology of acute tonsillitis in adults based on microbiological analysis, effectiveness of antibiotic treatment, investigate the best diagnostic strategy to achieve a better antibiotic stewardship. Urinary infection: role of point-of-care diagnostic methods in the rational use of antibiotics in urinary infections.

Group Leader

Llor Vilà, Carles



Researchers

Bayona Faro, Carolina
Boada Valmaseda, Albert
Cots Yago, Josep M.
Esquinas López, Cristina
Hernández Anadón, Silvia
López Plana, Ana
Miravittles Fernández, Marc
Moragas Moreno, Ana

The group participates in the following projects

IP: Llor Vilà, Carles. *KRISTINA: A Knowledge-Based Information Agent with Social Competence and Human Interaction Capabilities*. Funding: SEMFYC. Duration: 2015 - 2018

IP: Llor Vilà, Carles. *General Practitioner (GP) use of a C-Reactive Protein (CRP) Point of Care Test to help target antibiotic prescribing to patients with Acute Exacerbations of Chronic Obstructive Pulmonary Disease (AECOPD) who are most likely to benefit*. Funding: Universitat de Cardiff. Durada: 2014 - 2017

IP: Llor Vilà, Carles. *Eficacia de dosis altas de penicilina v oral frente a amoxicilina a dosis altas en el tratamiento de la neumonía no grave atendida en la comunidad en adultos*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

IP: Boada Valmaseda, Albert. *Prevalencia de portadores nasales de Staphylococcus aureus y Streptococcus pneumoniae en atención primaria y factores asociados a la colonización, así como al consumo individual de antibióticos*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Monteagudo Zaragoza, Mònica. *Real life evidence of Eklira®/Bretaris® Genuair® in Catalonia*. Funding: IMS Health, S.A. Duration: 2014 - 2016

IP: Monteagudo Zaragoza, Mònica. *Trends in prevalence and burden of non-cystic fibrosis bronchiectasis in Catalonia*. Funding: Bayer Pharma AG. Duration: 2014 - 2016

IP: Bolívar Ribas, Bonaventura. *Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016

IP: Miravittles Fernández, Marc. *Evolución de los patrones de tratamiento inicial en los pacientes con EPOC de nuevo diagnóstico de 2007-2012*. Funding: Novartis Farmacéutica, S.A. Duration: 2013 - 2016

IP: Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

IP: Miravittles Fernández, Marc. *Déficit de alfa-1antitripsina. Identificación de carencias en el diagnóstico y seguimiento en Cataluña*. Funding: Grifols Inc. Duration: 2013 - 2015

The group participates in the following articles

Barrecheguren M, Monteagudo M, Ferrer J, Borrell E, Llor C, Esquinas C, Miravittles M. Treatment patterns in COPD patients newly diagnosed in primary care. A population-based study. *Respiratory medicine*. 2016 Feb; 111:47-53. doi:10.1016/j.rmed.2015.12.004. Epub 2015 Dec 23. PMID:26758585. **FI: 3,086**

Barrecheguren M, Monteagudo M, Llor C, Borrell E, Esquinas C, Ferrer J, Miravittles M. Diagnosis of alpha 1 antitrypsin deficiency in primary care. *Eur Respir J*. 2015;46:(suppl 59) DOI: 10.1183/13993003.congress-2015.PA3866 **FI: 7,636**

Boada A, Almeda J, Grenzner E, Pons-Vigués M, Morros R, Juvé R, Simonet PJ, den Heijer CD, Bolívar B. [Prevalence of nasal carriage of *Staphylococcus aureus* and *Streptococcus pneumoniae* in Primary Care and factors associated with colonization]. *Enfermedades infecciosas y microbiología clínica*. 2015 Aug-Sep; 33(7):451-7. doi:10.1016/j.eimc.2014.10.014. Epub 2015 Jan 21. Spanish. PMID:25617018. **FI: 2,172**

Castano-Vinyals G, Aragonés N, Pérez-Gómez B, Martín V, Llorca J, Moreno V, Altzibar JM, Ardanaz E, de Sanjosé S, Jiménez-Moleón JJ, Tardón A, Alguacil J, Peiró R, Marcos-Gragera R, Navarro C, Pollán M, Kogevinas M; MCC-Spain Study Group. Population-based multicase-control study in common tumors in Spain (MCC-Spain): rationale and study design. *Gac Sanit*. 2015;29(4):308-15. PubMed PMID: 25613680. **FI: 1,186**

Cots JM, Alós JI, Bárcena M, Boleda X, Cañada JL, Gómez N, Mendoza A, Vilaseca I, Llor C. [Recommendations for management of acute pharyngitis in adults]. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Oct; 47(8):532-43. doi:10.1016/j.aprim.2015.02.002. Epub 2015 May 27. Spanish. PMID:26025360. **FI: 0,953**

Cots JM, Alós JI, Bárcena M, Boleda X, Cañada JL, Gómez N, Mendoza A, Vilaseca I, Llor C. [Recommendations for management of acute pharyngitis in adults]. *Enfermedades infecciosas y microbiología clínica*. 2015 Apr; doi:10.1016/j.eimc.2015.02.010. Epub 2015 Apr 10. PMID:25869058. **FI: 2,172**

Cots JM, Alós JI, Bárcena M, Boleda X, Cañada JL, Gómez N, Mendoza A, Vilaseca I, Llor C. [Recommendations for management of acute pharyngitis in adults]. *Semergen / Sociedad Española de Medicina Rural y Generalista*. 2015 Oct; 41(7):370-81. doi:10.1016/j.semerg.2014.12.013. Epub 2015 May 23. Spanish. PMID:26004567.

Cots JM, Alós JI, Bárcena M, Boleda X, Cañada JL, Gómez N, Mendoza A, Vilaseca I, Llor C. Recommendations for management of acute pharyngitis in adults. *Acta otorrinolaringológica española*. 2015 May-Jun; 66(3):159-170. doi:10.1016/j.otorri.2015.01.001. pii:S0001-6519(15)00008-4. PMID:25772389.

D'Urzo T, Donohue JF, Price D, Miravittles M, Kerwin E. Dual bronchodilator therapy with acclidinium bromide/formoterol fumarate for chronic obstructive pulmonary disease. *Expert review of respiratory medicine*. 2015 Oct; 9(5):519-32. doi:10.1586/17476348.2015.1081065. PMID:26366803.

Guinovart MC, Figueras A, Llop JC, Llor C. Obtaining antibiotics without prescription in Spain in 2014: even easier now than 6 years ago. *The Journal of antimicrobial chemotherapy*. 2015 Apr; 70(4):1270-1. doi:10.1093/jac/dku526. pii:dku526. PMID:25558070. **FI: 5,313**

Llor C, Cots JM, Vilaseca I. Four out of ten Spanish GPs declare to prescribe high-doses of beta-lactams in suspected streptococcal pharyngitis. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Nov; 47(9):609-10. doi:10.1016/j.aprim.2015.01.003. Epub 2015 Mar 05. PMID:25746035. **FI: 0,953**

Llor C, Cots JM. Certainties and doubts about the management of acute pharyngitis. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Apr; 47(4):193-4. doi:10.1016/j.aprim.2015.01.008. pii:S0212-6567(15)00048-7. PMID:25835134. **FI: 0,953**

Miravittles M, Llor C. Are C-reactive protein levels associated with bacteria in COPD exacerbations? The European respiratory journal. 2015 May; 45(5):1514-5. doi:10.1183/09031936.00005415. pii:45/5/1514. PMID:25931495. **FI: 7,636**

Indicators

Researchers with PhD	6
Total number of projects in which group members have participated	10
Total number of projects in which the PI of the project has belonged to the group	6
Total Funding	388.726,11 €
Scientific publications in indexed journals	10
Total Impact factor	32,06
Nº of articles in Q1 journals	3
Q1 IF	20,585
Nº of articles in Q2 journals	1
Q2 FI	3,086

Research Area: Life Style

Research Group: Life Style

The outstanding characteristics of this group are its multidisciplinary, with professionals from family medicine, nursing, physical education and physiotherapy, and its territorial diversity, with professionals from three different areas of the Catalan Health Service (ICS) and three Catalan universities. It participates in the ISCIII-accredited redIAPP network through the CARDIOCAT group.

Its principal objective, as the name indicates, is lifestyle research, particularly its various research projects investigating assistance for smokers, the promotion of physical activity and the effects of lifestyle on health, and above all cardiovascular pathology. It has also initiated a line of research into traffic injury prevention and the influence of lifestyle (consumption of alcohol and psychoactive substances) and other health factors (chronic pathologies and use of medicines).

Lines: Smoking: epidemiology, health effects and therapeutic approach Physical activity: aspects related to cardiovascular disease, ageing and fragility and bone and joint health Prevention of road-accident injuries: preventive measures and Health promotion Other health-related lifestyle factors, especially diet and an integrated health and social services approach.

Group Leader

Martin Cantera, Carlos



Researchers

Martin Cantera, Carlos
Ballvé Moreno, José Luis
Díaz Gete, Laura
Giné Garriga, Maria
Granollers Mercade, Silvia
Martin Borràs, Carme
Martínez Ramos, Elena
Pérez Tortosa, Santiago
Puig Ribera, Anna
Puigdomenech Puig, Elisa
Roig Remon, Lydia
Romaguera Bosch, Montserrat
Solà Gonfaus, Mercè

The group participates in the following projects

IP: Carrillo Muñoz, Ricard. *Eficacia de la maniobra de Epley realizada en atención primaria para tratar el vértigo posicional paroxístico benigno*. Funding: Instituto de Salud Carlos III. Duration: 2014 - 2017

IP: Martin Cantera, Carlos. *Característiques diferencials dels diabètics fumadors respecte els no fumadors a Atenció Primària*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Segura Noguera, Josep M^a. *Efectividad de una intervención multifactorial para la modificación de parámetros de fragilidad en población anciana: Estudio FRAGILITY*. Funding: Departament de Salut. Duration: 2014 - 2016

IP: Roig Remon, Lydia. *Nou punt de tall del quocient FEV1/FEV6 mesurat amb el Vitalograph COPD6 pel cribatge de la MPOC en atenció primària*. Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2014 - 2016

IP: Martin Cantera, Carlos. *Evaluación de la eficacia de una intervención basada en la disminución de las horas de sedestación en pacientes con sobrepeso u obesidad moderada (proyecto SEDESTACTIV)*. *Ensayo clínico aleatorio controlado*. Funding: Universidad Europea de Madrid S.L.U. Duration: 2014 - 2016

- IP:** Romera Liébana, Laura. *Efectivitat d'una intervenció multifactorial per a la modificació de paràmetres de fragilitat en la població gran*. Funding: Fundació Privada Mutuam Conviure. Duration: 2013 - 2016
- IP:** Martín Cantera, Carlos. *Efectividad del uso de una herramienta móvil añadida a una intervención estándar en la mejora de estilos de vida saludables. Ensayo clínico aleatorizado. Estudio EVIDENT II*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Bolívar Ribas, Bonaventura. *Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Violán Fors, Concepció. *Dronedarone utilization study in Catalonia, Spain, using SIDIAP database*. Funding: Sanofi Aventis, S.A. Duration: 2013 - 2016
- IP:** Ballvé Moreno, José Luis. *Eficàcia de la maniobra d'Epley realitzada en atenció primària per a tractar el vertigen posicional paroxístic benigne*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016
- IP:** Ballvé Moreno, José Luis. *Ensayo clínico sobre la eficacia de la maniobra de Epley combinada con betahistina en el tratamiento del vértigo posicional benigno del canal posterior*. Funding: Red Española de Atención Primaria (REAP). Duration: 2013 - 2016
- IP:** Tamayo Ojeda, Carmen. *Adherència a les recomanacions de les guies de pràctica clínica en la prevenció secundària de la malaltia cerebrovascular: factors relacionats amb els pacients i amb els professionals*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016
- IP:** Martínez Ramos, Elena. *Evaluación de la efectividad de una intervención basada en la disminución de las horas de sedestación en pacientes con sobrepeso u obesidad moderada (proyecto SEDESTACTIV). Ensayo clínico aleatorio controlado*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Violán Fors, Concepció. *Tabaquismo y Atención Primaria: relación entre el nivel macro (política sanitaria) y micro (atención primaria). Consecuencias de la Ley 42/2010 en los centros de salud*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Martín Cantera, Carlos. *Efectividad del uso de una herramienta móvil añadida a una intervención estándar en la mejora de estilos de vida saludables. Ensayo clínico aleatorizado. Estudio EVIDENT II*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2014 - 2015
- IP:** Díaz Gete, Laura. *Efectividad de una intervención con seguimiento por correo electrónico del abandono sostenido del tabaquismo (Estudio TABATIC). Ensayo clínico aleatorizado controlado multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

The group participates in the following articles

- Martín Cantera C, Puigdomènech E, Ballvé JL, Arias OL, Clemente L, Casas R, Roig L, Pérez-Tortosa S, Díaz-Gete L, Granollers S. Effectiveness of multicomponent interventions in primary healthcare settings to promote continuous smoking cessation in adults: a systematic review. *BMJ open*. 2015; 5(10):e008807. doi:10.1136/bmjopen-2015-008807. pii:bmjopen-2015-008807. pmc:PMC4606220. PMID:26428333. **FI: 2,271**
- Martínez-Ramos E, Martín-Borràs C, Trujillo JM, Giné-Garriga M, Martín-Cantera C, Solà-Gonfaus M, Castillo-Ramos E, Pujol-Ribera E, Rodríguez D, Puigdomenech E, Beltran AM, Serra-Paya N, Gascón-Catalán A, Puig-Ribera A. Prolonged Sitting Time: Barriers, Facilitators and Views on Change among Primary Healthcare Patients Who Are Overweight or Moderately Obese. *PloS one*. 2015; 10(6):e0125739. doi:10.1371/journal.pone.0125739. pii:PONE-D-14-53300. pmc:PMC4461272. PMID:26057237. **FI: 3,234**
- Patino-Alonso MC, Recio-Rodríguez JI, Magdalena-Belio JF, Giné-Garriga M, Martínez-Vizcaino V, Fernández-Alonso C, Arietaleanizbeaskoa MS, Galindo-Villardón MP, Gómez-Marcos MA, García-Ortiz L; EVIDENT Group. Clustering of lifestyle characteristics and their association with cardio-metabolic health: the Lifestyles and Endothelial Dysfunction (EVIDENT) study. *The British journal of nutrition*. 2015 Sep; 114(6):943-51. doi:10.1017/S0007114515002500. Epub 2015 Aug 13. PMID:26268844. **FI: 3,453**
- Puigdomènech E, Trujillo-Gómez JM, Martín-Cantera C, Díaz-Gete L, Manzano-Montero M, Sánchez-Fondevila J, Gonzalez-Fernandez Y, Garcia-Rueda B, Briones-Carrió EM, Clemente-Jiménez ML, Castaño C, Birulés-Muntán J. Information and communication technologies for approaching smokers: a descriptive study in primary healthcare. *BMC public health*. 2015; 15:2. doi:10.1186/1471-2458-15-2. pii:10.1186/1471-2458-15-2. pmc:PMC4429913. PMID:25971903. **FI: 2,264**

Puig-Ribera A, Bort-Roig J, González-Suárez AM, Martínez-Lemos I, Giné-Garriga M, Fortuño J, Martori JC, Muñoz-Ortiz L, Milà R, McKenna J, Gilson ND. Patterns of impact resulting from a 'sit less, move more' web-based program in sedentary office employees. *PloS one*. 2015; 10(4):e0122474. doi:10.1371/journal.pone.0122474. pii:PONE-D-14-36281. pmc:PMC4382156. PMID:25830782. **FI: 3,234**

Puig-Ribera A, Martín-Cantera C, Puigdomenech E, Real J, Romaguera M, Magdalena-Belio JF, Recio-Rodríguez JI, Rodríguez-Martin B, Arietealanizbeaskoa MS, Repiso-Gento I, Garcia-Ortiz L. Screening Physical Activity in Family Practice: Validity of the Spanish Version of a Brief Physical Activity Questionnaire. *PloS one*. 2015 ; 10(9):e0136870. doi:10.1371/journal.pone.0136870. pii:PONE-D-15-04103. PMID:26379036. **FI: 3,234**

Puig-Ribera A, Martínez-Lemos I, Giné-Garriga M, González-Suárez ÁM, Bort-Roig J, Fortuño J, Muñoz-Ortiz L, McKenna J, Gilson ND. Self-reported sitting time and physical activity: interactive associations with mental well-being and productivity in office employees. *BMC public health*. 2015; 15:72. doi:10.1186/s12889-015-1447-5. pii:10.1186/s12889-015-1447-5. pmc:PMC4323230. PMID:25886270. **FI: 2,264**

Recio-Rodríguez JI, Gomez-Marcos MA, Patino-Alonso MC, Puigdomenech E, Notario-Pacheco B, Mendizabal-Gallastegui N, de la Fuente Ade L, Otegui-Ilarduya L, Maderuelo-Fernandez JA, de Cabo Laso A, Agudo-Conde C, Garcia-Ortiz L. Effects of kiwi consumption on plasma lipids, fibrinogen and insulin resistance in the context of a normal diet. *Nutrition journal*. 2015 ; 14:97. doi:10.1186/s12937-015-0086-0. pii:10.1186/s12937-015-0086-0. pmc:PMC4572627. PMID:26374292. **FI: 2,597**

Thomas EL, Puig Ribera A, Senye-Mir A, Eves FF. Promoting Healthy Choices in Workplace Cafeterias: A Qualitative Study. *Journal of nutrition education and behavior*. 2016 Feb; 48(2):138-145.e1. doi:10.1016/j.jneb.2015.11.001. Epub 2015 Dec 18. PMID:26706957. **FI: 1,773**

Trujillo Gómez JM, Díaz-Gete L, Martín-Cantera C, Fábregas Escurriola M, Lozano Moreno M, Burón Leandro R, Gomez Quintero AM, Ballve JL, Clemente Jiménez ML, Puigdomènech Puig E, Casas More R, Garcia Rueda B, Casajuana M, Méndez-Aguirre M, Garcia Bonias D, Fernández Maestre S, Sánchez Fondevila J. Intervention for smokers through New Communication Technologies: What Perceptions Do Patients and Healthcare Professionals Have? A Qualitative Study. *PloS one*. 2015; 10(9):e0137415. doi:10.1371/journal.pone.0137415. pii:PONE-D-15-05535. pmc:PMC4560416. PMID:26340346. **FI: 3,234**

Indicators

Researchers with PhD	4
Total number of projects in which group members have participated	16
Total number of projects in which the PI of the project has belonged to the group	9
Total Funding	530.220,31 €
Scientific publications in indexed journals	10
Total Impact factor	27,56
Nº of articles in Q1 journals	6
Q1 IF	18,162
Nº of articles in Q2 journals	3
Q2 FI	6,799

Research Group: NUSCO (Community Nutrition and Health)

The group is made up of various professionals and researchers from Tarragona-Reus Research Support Unit who work in collaboration with the Pere Virgili Health Institute, participate in the ISCIII-accredited PREDIMED network and carry out different activities prioritised by the Public Health Agency of Baix Camp.

Their main objective is research related with nutrition and other lifestyles.

Lines: Community intervention programs in health education about eating and other lifestyles. Nutritional condition and physical health: validation of instruments for measuring food intake. Strategies for participative research in multi-cultural population nuclei with socio-economic difficulties. Prevalence of risk factors among teenage school children. Nutritional deficiencies and the risk it represents among certain vulnerable groups.

Group Leader

Arija Val, Victoria



Researchers

Basora Gallisà, Josep
Flores Mateo, Gemma
Pedret Llaberia, Maria Roser
Poblet Calaf, Carmina

The group participates in the following projects

IP: Barrio Torrell, Francisco. *Rendimiento de la nueva escala nacional de riesgo CATDRISC para cribar y predecir a 10 años la diabetes tipo 2 en la cohorte DE-PLAN-CAT.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Cabré Vila, Juan José. *Factibilidad y efectividad de la medición de la conductancia electroquímica dérmica para el cribado de neuropatía diabética en Atención Primaria.* Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2015 - 2017

IP: Sorlí Aguilar, Mar. *ESTUDIO DIET: Ensayo clínico multicéntrico y aleatorizado para valorar la relación entre la función pulmonar y la adherencia a una dieta de tipo mediterránea.* Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Rey Reñones, Cristina. *Eficacia de una aplicación para dispositivos móviles en la deshabituación de tabaco en jóvenes (Smart_Smoke): Ensayo clínico aleatorizado por conglomerados.* Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Flores Mateo, Gemma. *Efectividad de las estrategias para mejorar la adherencia terapéutica en pacientes crónicos: revisión de revisiones sistemáticas y meta-análisis.* Funding: FARMAINDUSTRIA. Duration: 2015 - 2016

IP: Satué Gracia, Eva María. *Eficacia de una aplicación para dispositivos móviles para mejorar la adherencia a dieta y ejercicio en adultos con sobrepeso y obesidad. Ensayo clínico aleatorizado.* Funding: IDIAP Jordi Gol. Duration: 2014 - 2016

IP: Martín Luján, Francisco. *Ensayo clínico aleatorizado y multicéntrico para evaluar la eficacia de una intervención motivacional contra el tabaquismo basada en la información obtenida en una espirometría realizada en Atención Primaria*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Aragonès Benaiges, Enric. *Avaluació del risc cardiovascular associat als diferents fenotips clínics de la síndrome metabòlica i dels risc addicional associat a la presència de depressió/ansietat*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following articles

Aranceta-Bartrina J, Varela-Moreiras G, Serra-Majem L, Pérez-Rodrigo C, Abellana R, Ara I, Arijia V, Aznar S, Ávila JM, Belmonte S, Blasco R, Caldeiro J, Carrillo L, Corella D, López ML, Garaulet M, García-Luna PP, García-Perea A, Gil Á, Gómez-Candela C, González-Gross M, Granado de la Orden S, López-Pardo M, Marcos A, Martínez de Victoria E, Morán L, Ordovás JM, Ortega RM, Palacios N, Polanco Allué I, Ramón JM, Ribas L, Riobó P, Salvador Castell G, Serrano C, De Torres ML, Urrialde R, Zamora S. Consensus document and conclusions. Methodology of dietary surveys, studies on nutrition, physical activity and other lifestyles. *Nutrición hospitalaria*. 2015 ; 31 Suppl 3:9-11. doi:10.3305/nh.2015.31.sup3.8778. PMID:25719765. **FI: 1,040**

Arijia V, Abellana R, Ribot B, Ramón JM. Biases and adjustments in nutritional assessments from dietary questionnaires. *Nutrición hospitalaria*. 2015 ; 31 Suppl 3:113-8. doi:10.3305/nh.2015.31.sup3.8759. PMID:25719779. **FI: 1,040**

Arijia V, Pérez Rodrigo C, Martínez de Vitoria E, Ortega RM, Serra-Majem L, Ribas L, Aranceta J. Dietary intake and anthropometric reference values in population studies. *Nutrición hospitalaria*. 2015 ; 31 Suppl 3:157-67. doi:10.3305/nh.2015.31.sup3.8763. PMID:25719783. **FI: 1,040**

Benítez Camps M, Cerain Herrero MJ, de Miguel Llorente N, Martorell Sole E, Flores Mateo G, Pedro Pijoan AM, Murillo-Huapaya C. Tamsulosin efficacy and safety for conservative management of renal colic: systematic review and meta-analysis of randomized controlled trials. *Medicina clínica*. 2015 Sep; 145(6):239-47. doi:10.1016/j.med-cli.2015.01.029. Epub 2015 May 14. Spanish. PMID:25982524. **FI: 1,417**

Cunillera O, Almeda J, Mascort J, Basora J, Marzo MM, and the Catalan kiwifruit Study Group. Improvement of functional constipation with kiwifruit intake in a Mediterranean patient population: An open, non-randomized pilot study. *Rev Esp Nutr Hum Diet*. 2015;19(2):58-67. DOI: 10.14306/renhyd.0.0.131

Díaz-López A, Babio N, Martínez-González MA, Corella D, Amor AJ, Fitó M, Estruch R, Arós F, Gómez-Gracia E, Fiol M, Lapetra J, Serra-Majem L, Basora J, Basterra-Gortari FJ, Zanon-Moreno V, Muñoz MÁ, Salas-Salvadó J, . Mediterranean Diet, Retinopathy, Nephropathy, and Microvascular Diabetes Complications: A Post Hoc Analysis of a Randomized Trial. *Diabetes care*. 2015 Nov; 38(11):2134-41. doi:10.2337/dc15-1117. pii:dc15-1117. PMID:26370380. **FI: 8,420**

Eguaras S, Toledo E, Buil-Cosiales P, Salas-Salvadó J, Corella D, Gutierrez-Bedmar M, Santos-Lozano JM, Arós F, Fiol M, Fitó M, Ros E, Serra-Majem L, Pintó X, Martínez JA, Sorlí JV, Muñoz MA, Basora J, Estruch R, Martínez-González MÁ. Does the Mediterranean diet counteract the adverse effects of abdominal adiposity?. *Nutrition, metabolism, and cardiovascular diseases: NMCD*. 2015 Jun; 25(6):569-74. doi:10.1016/j.numecd.2015.03.001. pii:S0939-4753(15)00057-5. PMID:25921850. **FI: 3,323**

Flores Mateo G, Granado-Font E, Ferré-Grau C, Montaña-Carreras X. Mobile Phone Apps to Promote Weight Loss and Increase Physical Activity: A Systematic Review and Meta-Analysis. *Journal of medical Internet research*. 2015; 17(11):e253. doi:10.2196/jmir.4836. pii:v17i11e253. PMID:26554314. **FI: 3,428**

Fonseca-Nunes A, Agudo A, Aranda N, Arijia V, Cross AJ, Molina E, Sanchez MJ, Bueno-de-Mesquita HB, Siersema P, Weiderpass E, Krogh V, Mattiello A, Tumino R, Saieva C, Naccarati A, Ohlsson B, Sjöberg K, Boutron-Ruault MC, Cadeau C, Fagherazzi G, Boeing H, Steffen A, Kühn T, Katzke V, Tjønneland A, Olsen A, Khaw KT, Wareham N, Key T, Lu Y, Riboli E, Peeters PH, Gavrila D, Dorronsoro M, Quirós JR, Barricarte A, Jenab M, Zamora-Ros R, Freisling H, Trichopoulou A, Lagiou P, Bamia C, Jakszyn P. Body iron status and gastric cancer risk in the EUR-GAST study. *International journal of cancer. Journal international du cancer*. 2015 Dec; 137(12):2904-14. doi:10.1002/ijc.29669. PMID:26135329. **FI: 5,085**

Granado-Font E, Flores-Mateo G, Sorlí-Aguilar M, Montaña-Carreras X, Ferré-Grau C, Barrera-Uriarte ML, Oriol-Colominas E, Rey-Reñones C, Caules I, Satué-Gracia EM. Effectiveness of a Smartphone application and wearable device for weight loss in overweight or obese primary care patients: protocol for a randomised controlled trial. *BMC public health*. 2015; 15:531. doi:10.1186/s12889-015-1845-8. pii:10.1186/s12889-015-1845-8. pmc:PMC4455326. PMID:26041131. **FI: 2,264**

Jardí Piñana C, Aranda Pons N, Bedmar Carretero C, Arijá Val V. Nutritional composition of infant milk formulas. Level of compliance in their manufacture and adequacy of nutritional needs. *Anales de pediatría* (Barcelona, Spain: 2003). 2015 Dec; 83(6):417-29. doi:10.1016/j.anpedi.2015.03.003. Epub 2015 Apr 11. Spanish. PMID:25869792.

FI: 0,833

Martin-Lujan F, Santigosa-Ayala A, Piñol-Moreso JL, Sorlí-Aguilar M, Flores-Mateo G, Bladé-Creixenti J, Basora-Gallisa J, Sola-Alberich R. Multicentric randomized clinical trial to evaluate the long-term effectiveness of a motivational intervention against smoking, based on the information obtained from spirometry in primary care: the RESET study protocol. *BMC family practice*. 2016; 17(1):15. doi:10.1186/s12875-016-0415-1. pii:10.1186/s12875-016-0415-1. pmc:PMC4743363. PMID:26846522. **FI: 1,669**

Rey C, Valdivieso E, Barrera ML, Granado E, Arijá V. Percepción de los adolescentes de la publicidad encubierta del tabaco. *Metas de enfermería*. 2015;18(3):24-32.

Rodríguez-Monforte M, Flores-Mateo G, Sánchez E. Dietary patterns and CVD: a systematic review and meta-analysis of observational studies. *The British journal of nutrition*. 2015 Nov; 114(9):1341-59. doi:10.1017/S0007114515003177. pii:S0007114515003177. PMID:26344504. **FI: 3,453**

Sorlí-Aguilar M, Martín-Luján F, Santigosa-Ayala A, Piñol-Moreso JL, Flores-Mateo G, Basora-Gallisa J, Arijá-Val V, Solà-Alberich R. Effects of mediterranean diet on lung function in smokers: a randomised, parallel and controlled protocol. *BMC public health*. 2015; 15:74. doi:10.1186/s12889-015-1450-x. pii:s12889-015-1450-x. pmc:PMC4328054. PMID:25636808. **FI: 2,264**

Toledo E, Salas-Salvadó J, Donat-Vargas C, Buil-Cosiales P, Estruch R, Ros E, Corella D, Fitó M, Hu FB, Arós F, Gómez-Gracia E, Romaguera D, Ortega-Calvo M, Serra-Majem L, Pintó X, Schröder H, Basora J, Sorlí JV, Bulló M, Serra-Mir M, Martínez-González MA. Mediterranean Diet and Invasive Breast Cancer Risk Among Women at High Cardiovascular Risk in the PREDIMED Trial: A Randomized Clinical Trial. *JAMA internal medicine*. 2015 Nov; 175(11):1752-60. doi:10.1001/jamainternmed.2015.4838. pii:2434738. PMID:26365989. **FI: 13,116**

Valdivieso López E, Rey-Reñones C, Rodríguez-Blanco T, Ferre Grau C, Arijá V, Barrera Uriarte ML, Granado-Font E, Flores-Mateo G. Efficacy of a smoking prevention programme in Catalan secondary schools: a cluster-randomized controlled trial in Spain. *Addiction* (Abingdon, England). 2015 May; 110(5):852-60. doi:10.1111/add.12833. PMID:25515936. **FI: 4,738**

Zaballos P, Serrano P, Flores G, Bañuls J, Thomas L, Llambrich A, Castro E, Lallas A, Argenziano G, Zalaudek I, Del Pozo LJ, Landi C, Malvehy J. Dermoscopy of tumours arising in naevus sebaceous: a morphological study of 58 cases. *Journal of the European Academy of Dermatology and Venereology : JEADV*. 2015 Nov; 29(11):2231-7. doi:10.1111/jdv.13226. PMID:26300536. **FI: 2,826**

Awards

Ajut a la Recerca. CAMFIC 2015. Associació entre la funció pulmonar i l'adherència a la dieta mediterrània: assaig clínic aleatoritzat, paral·lel, controlat en atenció primària. Estudi RESET-DIET. Martín F, Sorlí M, Basora J, Piñol JL, Flores G, Santigosa A, Solà R, Cabré JJ.

Indicators

Researchers with PhD	3
Total number of projects in which group members have participated	8
Total number of projects in which the PI of the project has belonged to the group	1
Total Funding	210.846,55 €
Scientific publications in indexed journals	16
Total Impact factor	55,96
Nº of articles in Q1 journals	7
Q1 IF	41,066
Nº of articles in Q2 journals	5
Q2 FI	10,937

Research Area: Mental Health

Research Group: GRAPISAM (Primary Care and Mental health Research Group)

This research group is made up of professionals and researchers from primary health care in south metropolitan Barcelona and the Parc Sanitari Joan de Deu and it participates in the mental Health area of the ISCIII-accredited redIAPP network.

Its main focus is research related to mental pathologies in primary health care, and it participates in projects related to epidemiology (determination of prevalence, incapacity and needs of patients with mental disorders in primary health care), the analysis of the effectiveness of treatment (evaluation of the effectiveness of anti-depressants and the description of the patterns of treatment in primary health care), and finally the evaluation of the suitability of these treatments and the improvement of the quality of life of patients with mental disorders.

Lines: Most beneficial treatments (reduction of symptoms, improvement of quality of life) Prevalence of mental disorders in primary health care. Evaluation of the economic costs of mental illness in different areas.

Group Leader

Peñarrubia María, M^a Teresa



Researchers

Aznar Lou, Ignacio
Blancafort Sanso, Xavier
Blanco García, M. Elena
Cardeñosa Valera, Eugenia
Feliu Soler, Albert
Fernández Sánchez, Ana
Fernández Vergel, Rita
Gil Girbau, M^a Montserrat
Jové Massó, Ana Maria
Louro Fraga, Tamara
Luciano Devis, Juan Vicente
Mendive Arbeloa, Juan Manuel
Rubio Valera, Maria
Serrano Blanco, Antoni
Torres Rodriguez, Annabell Cristina
Verduras Rubio, M^a del Camino

Group Projects

IP: Luciano Devis, Juan Vicente. *Cost-effectiveness of a Mindfulness-Based Stress Reduction (MBSR) treatment for fibromyalgia syndrome: A 12-month randomised, controlled trial.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2021

IP: Bellon Saameño, Juan Angel. *Prevención de la depresión mediante una intervención personalizada basada en algoritmos predictivos y DSS utilizados por el propio paciente y su médico de familia (e-predictD).* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Rubio Valera, Maria. *El problema de la no-iniciación del tratamiento farmacológico: evaluación con métodos mixtos.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

- IP:** Maximilians L. *Mental Health Training Through Research Network In Europe (MARATONE)*. Funding: European Commission. Duration: 2013 - 2018
- IP:** Bellon Saameño, Juan Angel. *Factores del profesional, paciente, genéticos y su interacción asociados al éxito terapéutico de una intervención para prevenir la depresión mayor en atención primaria: estudio cuali-cuantitativo (predictD-EVAL)*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017
- IP:** Flor Escriche, Xavier. *PAquete Mínimo para el Asma (PAMA). Abordaje desde Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2017
- IP:** Rubio Valera, Maria. *El problema de la no-iniciación del tratamiento farmacológico: evaluación con métodos mixtos*. Funding: Fund. privada per a la recerca i la Docència Sant Joan de Déu. Duration: 2015 - 2016
- IP:** Bellon Saameño, Juan Angel. *Prevención de la depresión mediante una intervención personalizada basada en algoritmos predictivos y DSS utilizados por el propio paciente y su médico de familia (e-predictD)*. Funding: Ministerio de Economía y Competitividad. Duration: 2014 - 2016
- IP:** Bellon Saameño, Juan Angel. *Factores del profesional, paciente, genéticos y su interacción asociados al éxito terapéutico de una intervención para prevenir la depresión mayor en atención primaria: estudio cuali-cuantitativo (predictD-EVAL)*. Funding: Junta de Andalucía. Duration: 2013 - 2016
- IP:** Bolívar Ribas, Bonaventura. *Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016
- IP:** Serrano Blanco, Antoni. *Necesidades insatisfechas en ancianos que ingresan por primera vez en una Unidad de Agudos de Psiquiatría: Relación con calidad de vida y uso de recursos sanitarios y sociales*. Funding: Fund. privada per a la recerca i la Docència Sant Joan de Déu. Duration: 2013 - 2015
- IP:** Serrano Blanco, Antoni. *Coste-efectividad de una intervención no farmacológica vs farmacológica (Fluoxetina, Escitalopram o Venlafaxina) en depresión mayor en Atención Primaria Española. (Estudio INFAP)*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

Group articles

- Aguado J, Luciano JV, Cebolla A, Serrano-Blanco A, Soler J, García-Campayo J. Bifactor analysis and construct validity of the five facet mindfulness questionnaire (FFMQ) in non-clinical Spanish samples. *Frontiers in psychology*. 2015; 6:404. doi:10.3389/fpsyg.2015.00404. pmc:PMC4390906. PMID:25914664.
- Baladón L, Fernández A, Rubio-Valera M, Cuevas-Esteban J, Palao DJ, Bellon JA, Serrano-Blanco A. Prevalence of mental disorders in non-demented elderly people in primary care [corrected]. *International psychogeriatrics / IPA*. 2015 May; 27(5):757-68. doi:10.1017/S1041610214002841. pii:S1041610214002841. PMID:25643982. **FI: 1,934**
- Baladón L, Fernández A, Rubio-Valera M, Cuevas-Esteban J, Palao DJ, Bellon JA, Serrano-Blanco A. Prevalence of mental disorders in non-demented elderly people in primary care-erratum. *International psychogeriatrics / IPA*. 2015 May; 27(5):756. doi:10.1017/S1041610215000575. pii:S1041610215000575. PMID:25835501. **FI: 1,934**
- Bellón JA, Moreno-Peral P, Motrico E, Rodríguez-Morejón A, Fernández A, Serrano-Blanco A, Zabaleta-del-Olmo E, Conejo-Cerón S. Effectiveness of psychological and/or educational interventions to prevent the onset of episodes of depression: A systematic review of systematic reviews and meta-analyses. *Preventive medicine*. 2015 Jul; 76 Suppl:S22-32. doi:10.1016/j.ypmed.2014.11.003. Epub 2014 Nov 20. PMID:25445331. **FI: 3,086**
- Burton C, Szentagotai Tatar A, McKinstry B, Matheson C, Matu S, Moldovan R, Macnab M, Farrow E, David D, Pagliari C, Serrano Blanco A, Wolters M; Help4Mood Consortium. Pilot randomised controlled trial of Help4Mood, an embodied virtual agent-based system to support treatment of depression. *Journal of telemedicine and telecare*. 2015 Oct; doi:10.1177/1357633X15609793. Epub 2015 Oct 9. PMID:26453910. **FI: 1,542**
- Fernandez A, Black J, Jones M, Wilson L, Salvador-Carulla L, Astell-Burt T, Black D. Flooding and mental health: a systematic mapping review. *PloS one*. 2015 ; 10(4):e0119929. doi:10.1371/journal.pone.0119929. pii:PONE-D-14-32494. pmc:PMC4393088. PMID:25860572. **FI: 3,234**
- Fernandez A, Garcia-Alonso J, Royo-Pastor C, Garrell-Corbera I, Rengel-Chica J, Agudo-Ugena J, Ramos A, Mendive JM. Effects of the economic crisis and social support on health-related quality of life: first wave of a longitudinal study in Spain. *The British journal of general practice: the journal of the Royal College of General Practitioners*. 2015 Mar; 65(632):e198-203. doi:10.3399/bjgp15X684025. pii:65/632/e198. pmc:PMC4337309. PMID:25733442. **FI: 2,294**

Fernandez A, Moreno-Peral P, Zabaleta-del-Olmo E, Bellon JA, Aranda-Regules JM, Luciano JV, Serrano-Blanco A, Rubio-Valera M. Is there a case for mental health promotion in the primary care setting? A systematic review. *Preventive medicine*. 2015 Jul; 76 Suppl:S5-11. doi:10.1016/j.ypmed.2014.11.019. Epub 2014 Dec 02. PMID:25475684.

FI: 3,086

Fernandez A, Salinas-Perez JA, Gutierrez-Colosia MR, Prat-Pubill B, Serrano-Blanco A, Molina C, Jorda E, Garcia-Alonso CR, Salvador-Carulla L. Use of an integrated Atlas of Mental Health Care for evidence informed policy in Catalonia (Spain). *Epidemiology and psychiatric sciences*. 2015 Dec; 24(6):512-24. doi:10.1017/S2045796014000511. Epub 2014 Sep 16. PMID:25226091. **FI: 3,907**

Fernandez A, Sturmberg J, Lukersmith S, Madden R, Torkfar G, Colagiuri R, Salvador-Carulla L. Evidence-based medicine: is it a bridge too far? *Health research policy and systems / BioMed Central*. 2015 ; 13:66. doi:10.1186/s12961-015-0057-0. Epub 2015 Nov 06. pmc:PMC4636779. PMID:26546273. **FI: 1,810**

Luciano JV, García-Forero C, Cerdà-Lafont M, Peñarrubia-María MT, Fernández-Vergel R, Cuesta-Vargas AI, Ruíz JM, Rozadilla-Sacanell A, Sirvent-Alierta E, Santo-Panero P, García-Campayo J, Serrano-Blanco A, Pérez-Aranda A, Rubio-Valera M. Functional Status, Quality of Life, and Costs Associated With Fibromyalgia Subgroups: A Latent Profile Analysis. *The Clinical journal of pain*. 2015 Dec; doi:10.1097/AJP.0000000000000336. PMID:26633691.

FI: 2,527

Luciano JV. Fibromyalgia. *Nature Reviews Disease Primers*. 2015;1:1-16.

Lukersmith S, Fernandez A, Millington M, Salvador-Carulla L. The brain injury case management taxonomy (BICMT); a classification of community-based case management interventions for a common language. *Disability and health journal*. 2016 Apr; 9(2):272-80. doi:10.1016/j.dhjo.2015.09.006. Epub 2015 Oct 23. PMID:26616541. **FI: 1,291**

Moreno-Peral P, Conejo-Cerón S, Fernández A, Berenguera A, Martínez-Andrés M, Pons-Vigués M, Motrico E, Rodríguez-Martín B, Bellón JA, Rubio-Valera M. Primary care patients' perspectives of barriers and enablers of primary prevention and health promotion-a meta-ethnographic synthesis. *PloS one*. 2015; 10(5):e0125004. doi:10.1371/journal.pone.0125004. pii:PONE-D-14-42220. pmc:PMC4418671. PMID:25938509. **FI: 3,234**

Pérez A, Roqué M, Domènech S, Monteserín R, Soriano N, Blancafort X, Bosom M, Vidal C, Petit M, Hortal N, Gil C, Espelt A, López MJ. Efficacy of memory training in healthy community-dwelling older people: study protocol for a randomized controlled trial. *BMC geriatrics*. 2015; 15:113. doi:10.1186/s12877-015-0110-4. pii:10.1186/s12877-015-0110-4. pmc:PMC4591741. PMID:26429559.

Rojas Loría K, Gutiérrez Rosado T, Alvarado R, Fernández Sánchez A. [Attitude of primary care professionals to gender violence. A comparative study between Catalonia and Costa Rica]. *Atencion primaria / Sociedad Espanola de Medicina de Familia y Comunitaria*. 2015 Oct; 47(8):490-7. doi:10.1016/j.aprim.2014.10.008. Epub 2015 Jan 02. Spanish. PMID:25559565. **FI: 0,953**

Rubio-Valera M, Beneitez I, Peñarrubia-María MT, Luciano JV, Mendive JM, McCrone P, Knapp M, Sabés-Figuera R, Kocyan K, García-Campayo J, Serrano-Blanco A. Cost-effectiveness of active monitoring versus antidepressants for major depression in primary health care: a 12-month non-randomized controlled trial (INFAP study). *BMC psychiatry*. 2015; 15:63. doi:10.1186/s12888-015-0448-3. pii:10.1186/s12888-015-0448-3. pmc:PMC4394418. PMID:25885818. **FI: 2,210**

Rubio-Valera M, Bosmans J, Fernández A, Peñarrubia-María M, March M, Travé P, Bellón JA, Serrano-Blanco A. Correction: Cost-Effectiveness of a Community Pharmacist Intervention in Patients with Depression: A Randomized Controlled Trial (PRODEFAR Study). *PloS one*. 2016; 11(1):e0147459. doi:10.1371/journal.pone.0147459. pii:PONE-D-16-00501. PMID:26765519. **FI: 3,234**

Rubio-Valera M, Fernández A, Evans-Lacko S, Luciano JV, Thornicroft G, Aznar-Lou I, Serrano-Blanco A. Impact of the mass media OBERTAMENT campaign on the levels of stigma among the population of Catalonia, Spain. *European psychiatry : the journal of the Association of European Psychiatrists*. 2015 Dec; 31:44-51. doi:10.1016/j.eurpsy.2015.10.005. pii:S0924-9338(15)00646-X. PMID:26675784. **FI: 3,439**

Rubio-Valera M, Luciano JV, Ortiz JM, Salvador-Carulla L, Gracia A, Serrano-Blanco A. Health service use and costs associated with aggressiveness or agitation and containment in adult psychiatric care: a systematic review of the evidence. *BMC psychiatry*. 2015; 15:35. doi:10.1186/s12888-015-0417-x. pii:10.1186/s12888-015-0417-x. pmc:PMC4356166. PMID:25881240. **FI: 2,210**

Indicators

Researchers with PhD	6
Total number of projects in which group members have participated	12
Total number of projects in which the PI of the project has belonged to the group	5
Total Funding	857.373,78 €
Scientific publications in indexed journals	17
Total Impact factor	41,93
Nº of articles in Q1 journals	7
Q1 IF	22,075
Nº of articles in Q2 journals	2
Q2 FI	5,966

Research Group: Mental Health Tarragona

This group is made up of various professionals and researchers from the Tarragona-Reus Research Support Unit, from primary health care in the Tarragona area and the Pere Mata Institute.

Its main focus is research into the handling of mental disorders in primary health care and, above all, the most frequent problem in mental health: depression.

Lines: Depression: prevention, improvement and optimisation of diagnosis, therapeutic intervention.

Somatisation: improvement and optimisation of diagnosis and approach.

Group Leader

Aragonès Benaiges, Enric



Researchers

Bejarano Romero, Ferran
Caballero Alías, Antonia
Folch Pujol, Sílvia
Hernández Anguera, Josep M^a
López Cortacans, Germán
Mengual Miralles, Marta
Piñol Moreso, Josep Lluís

The group participates in the following projects

IP: Aragonès Benaiges, Enric. Evaluación de un programa multicomponente para el manejo integrado de dolor crónico y depresión en atención primaria. Ensayo clínico aleatorizado por conglomerados. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Aragonès Benaiges, Enric. Estudi de cost-efectivitat i cost-utilitat d'un programa multicomponent per al maneig integrat de dolor crònic i depressió en atenció primària. Funding: Fundació d' Atenció Primària (CAMFIC) . Duration: 2015 - 2017

IP: Sorlí Aguilar, Mar. ESTUDIO DIET: Ensayo clínico multicéntrico y aleatorizado para valorar la relación entre la función pulmonar y la adherencia a una dieta de tipo mediterránea. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Rey Reñones, Cristina. Eficacia de una aplicación para dispositivos móviles en la deshabituación de tabaco en jóvenes (Smart_Smoke): Ensayo clínico aleatorizado por conglomerados. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Aragonès Benaiges, Enric. Efecte del dolor musculoesquelètic crònic en el maneig dels pacients amb depressió major en atenció primària: anàlisi d'utilització de recursos a partir de la base de dades SIDIAP. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016

IP: Gens Barberà, Montserrat. Estratègia per millorar la seguretat dels pacients en l'atenció primària d'un territori. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2015 - 2016

IP: Costa Pinel, Bernardo. Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe. Funding: IDIAP Jordi Gol. Duration: 2013 - 2016

IP: Martín Luján, Francisco. Ensayo clínico aleatorizado y multicéntrico para evaluar la eficacia de una intervención motivacional contra el tabaquismo basada en la información obtenida en una espirometría realizada en Atención Primaria. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Costa Pinel, Bernardo. Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe. Funding: European Commission. Duration: 2011 - 2016

IP: Aragonès Benaiges, Enric. Avaluació del risc cardiovascular associat als diferents fenotips clínics de la síndrome metabòlica i dels risc addicional associat a la presència de depressió/ansietat. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following articles

Aragonès E, Fernandez A, Loayssa JR. Los trastornos de personalidad. El trastorno límite de la personalidad. AMF-Actualización en Medicina de Familia. 2015;11(5):265-271.

Aragonès E. Cómo ayudar a los pacientes a gestionar con autonomía sus problemas de salud. [Editorial]. FMC. Formación Médica Continuada en Atención Primaria. 2015;22(4):179-181.

Aragonès E. Estrategias no farmacológicas para el tratamiento de las somatizaciones. FMC. Formación Médica Continuada en Atención Primaria. 2015;22(6):332-338.

Aragonès E. Los trastornos de personalidad. El trastorno límite de la personalidad. AMF-Actualización en Medicina de Familia. 2015;11(5):265-271.

Ferrer M, Andion O, Bendeck M, Calvo N, Prat M, Aragonés E, Barral C, Casas M, Salvador-Carulla L. Regional analysis of health service utilisation by persons with borderline personality disorders: implications for evidence-informed policy. The journal of mental health policy and economics. 2015 Mar; 18(1):17-25. PMID:25862205.

López G, Guzman M. Debut de un ataque de pánico en adolescente de 15 años inducido por consumo de cannabis: abordaje desde Atención Primaria. FMC. Formación Médica Continuada en Atención Primaria. 2015;22:318-321.

López-Cortacans G, Aragonès Benaiges E, Caballero Alías A, Piñol Moreso JL. Effect of an educational intervention on the attitudes of the nurses of primary care on depression. Enfermería clínica. 2015 Sep-Oct; 25(5):254-61. doi:10.1016/j.enfcli.2015.03.007. Epub 2015 May 06. Spanish. PMID:25956559.

López-Cortacans G. Cuadernos de bioética: revista oficial de la Asociación Española de Bioética y Ética Médica. 2015 Jan-Apr; 26(86):173-5. PMID:26030022.

López-Cortacans G. Proposal to improve the sustainability of the public health system from the framework of nursing competence. Enfermería clínica. 2015 May-Jun; 25(3):149-50. doi:10.1016/j.enfcli.2015.01.001. pii:S1130-8621(15)00003-0. PMID:25891373.

Martin-Lujan F, Santigosa-Ayala A, Piñol-Moreso JL, Sorli-Aguilar M, Flores-Mateo G, Bladé-Creixenti J, Basora-Gallissà J, Sola-Alberich R. Multicentric randomized clinical trial to evaluate the long-term effectiveness of a motivational intervention against smoking, based on the information obtained from spirometry in primary care: the RESET study protocol. BMC family practice. 2016; 17(1):15. doi:10.1186/s12875-016-0415-1. pii:10.1186/s12875-016-0415-1. pmc:PMC4743363. PMID:26846522. **FI: 1,669**

Sorlí-Aguilar M, Martín-Luján F, Santigosa-Ayala A, Piñol-Moreso JL, Flores-Mateo G, Basora-Gallissà J, Arijá-Val V, Solà-Alberich R. Effects of mediterranean diet on lung function in smokers: a randomised, parallel and controlled protocol. BMC public health. 2015; 15:74. doi:10.1186/s12889-015-1450-x. pii:s12889-015-1450-x. pmc:PMC4328054. PMID:25636808. **FI: 2,264**

Awards

Best experience Award. 5a Jornada del Pla de Salut de Catalunya. Impacte del programa INDI pel maneig de la depressió en atenció primària en la reducció de la ideació suïcida. Aragonès E, Caballero A, López G, Piñol JL.

Indicators

Researchers with PhD	4
Total number of projects in which group members have participated	10
Total number of projects in which the PI of the project has belonged to the group	4
Total Funding	391.496,55 €
Scientific publications in indexed journals	2
Total Impact factor	3,93
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	2
Q2 FI	3,933

Research Group: TMS (Severe Mental Diseases Group)

Multidisciplinary team constituted by general practitioners, specialists in community and public health, psychiatrists and nurses. This group encompasses two levels of care: primary care teams and mental health referral centres from the Catalan Health Institute and the Institute for Neuropsychiatry and Addictions at the Hospital del Mar.

The main aim of the SMD Group is the study of patients suffering from severe mental disorders, which include: schizophrenia, bipolar, schizoaffective, obsessive compulsive, delusional and schizotypal disorders and other non-organic psychotic disorders, severe depressive episodes with psychotic symptoms and severe cases of recurrent depressive disorders. The definition of severe mental disorder is based on the diagnosis, duration and disability involved.

Lines: Patients with Coordination between different levels of care in patients with severe mental disorders mental disorders. Coordination between different levels of care in patients with severe mental disorders.

Group Leader

Fernández Sanmartín, María Isabel



Researchers

Barroso García, Alberto
Cartanyà Fernández, Anna
Casañas Sánchez, Rocío
Díaz Mujica, Belen
Foguet Boreu, Quintí
Gonzalez Tejon, Susana
Ibarra Jato, Montserrat
Martin Lopez, Luis Miguel
Martín Royo, Jaume
Masa Font, Roser
Oller Canet, Silvia
Olona Tabueña, Noemí
Sanemeterio Echevarria, Luisa
Tajada Vitales, Celia
Viñas Cabrera, Lidia

Group projects

IP: Verdú Rotellar, José María. *Estratificación pronóstica de la insuficiencia cardiaca descompensada en atención primaria: Estudio HEFESTOS*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Guisado Clavero, Marina. *Avaluació d'una intervenció per millorar la seguretat de la prescripció en persones grans amb multimorbiditat i polimediació ateses a l'atenció primària*. Funding: Fundació d' Atenció Primària (CAMFiC) . Duration: 2015 - 2017

IP: Ferrer Menduïña, Chantal. *Efectivitat d'una intervenció adaptada culturalment sobre hàbits dietètics en dones amb sobrepes i/o obesitat de l'Indostan*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Alberó Garbayo, Jesús. *Estudi pilot: dansa i ansietat en atenció primària*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Pérez-Hervada Maestre, Maria. *Creació d'una consulta específica d'obesitat en un Centre d'Atenció Primària*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Pertiñez Mena, Judit. *Relació dels residents de MFIC de Catalunya amb la indústria farmacèutica. Estudi RIFA*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Boix de la Casa, Carme. *Ensayo clínico aleatorizado controlado sobre la efectividad del programa de paciente experto en atención primaria en el control de la diabetes mellitus tipo 2*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2013 - 2016

IP: Fernández San Martín, María Isabel. *Efectividad de un programa de actividad física y dieta coordinado entre atención primaria y salud mental, para modificar factores de riesgo cardiovascular en pacientes esquizofrénicos o con trastorno bipolar*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Benítez Camps, Mèncià. *Evaluación de la relación entre paracetamol efervescente y presión arterial. Ensayo clínico*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2016

IP: Carrera Alfonso, Elisabet. *Seguiment dels pacients amb oxigenoteràpia crònica domiciliària pels professionals d'Atenció Primària. Estudi ATDOM-O2*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015

IP: Fuentes Camps, Eva María. *Revisió Sistemàtica dels algorismes diagnòstics de la Trombosi Venosa Profunda i la seva aplicabilitat a l'Atenció Primària de Salut*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015

IP: Gonzalez Tejon, Susana. *Fracturas de cadera en pacientes tratados con fármacos antipsicóticos. Estudio de cohortes retrospectivo en Cataluña*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following projects

IP: Foguet Boreu, Quintí. *Identificación de los patrones de multimorbilidad y la polimedicación asociada, a una muestra poblacional de atención primaria*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: Flor Escriche, Xavier. *PAquete Mínimo para el Asma (PAMA). Abordaje desde Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2017

IP: Cordoní Saborit, Sílvia. *Proyecto de telemonitorización en pacientes crónicos*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2015

Group articles

Bayó Llibre J, Riel Cabrera R, Mellado Breña E, Filomena Paci J, Priego Artero M, García Alfaro FJ, Grau Granelo JM, Vázquez González D, López Solana J, Fernández San Martín MI. Arterial hypertension and sleep apnea hypopnea syndrome in primary care. *Hipertensión y riesgo vascular*. 2015 Apr-Jun; 32(2):56-61. doi:10.1016/j.hipert.2014.10.003. pii:S1889-1837(14)00092-0. PMID:26179966.

Casañas R, Catalán R, Penadés R, Real J, Valero S, Muñoz M, Lalucat-Jo L, Casas M. Evaluation of the Effectiveness of a Psychoeducational Intervention in Treatment-Naïve Patients with Antidepressant Medication in Primary Care: A Randomized Controlled Trial. *TheScientificWorldJournal*. 2015; 2015:718607. doi:10.1155/2015/718607. pmc:PMC4562075. PMID:26380366.

Castillo-Sánchez M, Fàbregas-Escurriola M, Bergè-Baquero D, Foguet-Boreu Q, Fernández-San Martín MI, Goday-Arno A. Schizophrenia, antipsychotic drugs and cardiovascular risk: Descriptive study in primary care. *European psychiatry : the journal of the Association of European Psychiatrists*. 2015 Jun; 30(4):535-41. doi:10.1016/j.eurpsy.2014.12.010. pii:S0924-9338(14)00664-6. PMID:25614437. **FI: 3,439**

Foguet-Boreu Q, Violán C, Rodríguez-Blanco T, Roso-Llorach A, Pons-Vigués M, Pujol-Ribera E, Cossio Gil Y, Valderas JM. Multimorbidity Patterns in Elderly Primary Health Care Patients in a South Mediterranean European Region: A Cluster Analysis. *PloS one*. 2015 ; 10(11):e0141155. doi:10.1371/journal.pone.0141155. pii:PONE-D-15-23009. PMID:26524599. **FI: 3,234**

Martín-Fernández J, Ariza-Cardiel G, Rodríguez-Martínez G, Gayo-Milla M, Martínez-Gil M, Alzola-Martín C, Fernández-San Martín MI. Satisfaction with primary care nursing: use of measurement tools and explanatory factors]. *Revista de calidad asistencia: organo de la Sociedad Española de Calidad Asistencial*. 2015 Mar-Apr; 30(2):86-94. doi:10.1016/j.cali.2015.01.007. pii:S1134-282X(15)00014-7. PMID:25748498.

Masa-Font R, Fernández-San-Martín MI, Martín López LM, Alba Muñoz AM, Oller Canet S, Martín Royo J, San Emeterio Echevarría L, Olona Tabueña N, Ibarra Jato M, Barroso García A, González Tejón S, Tajada Vitales C, Díaz Mújica B, Viñas Cabrera L, Sanchís Catalán R, Salvador Barbarroja T. The effectiveness of a program of physical activity and diet to modify cardiovascular risk factors in patients with severe mental illness after 3-month follow-up: CAPiCOR randomized clinical trial. *European psychiatry : the journal of the Association of European Psychiatrists*. 2015 Nov; 30(8):1028-36. doi:10.1016/j.eurpsy.2015.09.006. Epub 2015 Oct 30. PMID:26521223. **FI: 3,439**

Raya Tena A, Falder Serna I, Fernández Linares EM, Casañas Sánchez R. Impact of a psychoeducational group intervention for patients with mild/moderate depression in primary care consultations. *Revista de enfermería (Barcelona, Spain)*. 2015 Oct; 38(10):58-62. Spanish. PMID:26685568.

Ricci-Cabello I, Violán C, Foguet-Boreu Q, Mounce LT, Valderas JM. Impact of multi-morbidity on quality of healthcare and its implications for health policy, research and clinical practice. A scoping review. *The European journal of general practice*. 2015 Sep; 21(3):192-202. pii:10.3109/13814788.2015.1046046. PMID:26232238. **FI: 1,217**

Vinyoles E, Soldevila N, Torras J, Olona N, de la Figuera M. Prognostic value of non-specific ST-T changes and left ventricular hypertrophy electrocardiographic criteria in hypertensive patients: 16-year follow-up results from the MINACOR cohort. *BMC cardiovascular disorders*. 2015; 15:24. doi:10.1186/s12872-015-0012-6. pii:10.1186/s12872-015-0012-6. pmc:PMC4445267. PMID:25887937. **FI: 2,021**

Indicators

Researchers with PhD	7
Total number of projects in which group members have participated	15
Total number of projects in which the PI of the project has belonged to the group	3
Total Funding	255.830,56 €
Scientific publications in indexed journals	4
Total Impact factor	13,35
Nº of articles in Q1 journals	1
Q1 IF	3,234
Nº of articles in Q2 journals	2
Q2 IF	6,878

Research Area: Musculoskeletal Diseases

Research Group: GEPALAP (Study Group of Musculoskeletal Diseases in Primary Care)

This group is constituted mainly by primary care professionals of the National Health Service from the Baix Llobregat Primary Care Service of the Catalan Institute of Health (CHI). Since 2004, the GEPALAP Group has conducted research projects with the aim to improve the treatment of musculoskeletal diseases with physiotherapy and rehabilitation. In addition, three investigators of the Physiotherapy Research Unit of the Health Sciences University of Zaragoza and lecturers at the International University of Catalonia are also members of the GEPALAP research team. The main goal of this group is to advance the efficacy and effectiveness of physiotherapy and rehabilitation techniques in the treatment of musculoskeletal diseases and to evaluate and validate measurement instruments of the clinical variables.

Lines: To evaluate the effectiveness of physiotherapy and rehabilitation in musculoskeletal diseases; To evaluate and validate measurement instruments of the clinical variables in musculoskeletal diseases.

Group Leader

Barra López, Martín Eusebio



Researchers

Barra López, Martín Eusebio
Domene Guinart, Nuria
Fernández Jentsch, Gabriela
González Rueda, Vanessa
Gutierrez Jurado, María Teresa
Lapeira Viñeta, Mercè
López de Celis, Carlos
Raya de Càrdenas, Laura
Villar Mateo, Edurne

Group projects

IP: Villar Mateo, Edurne. *Efectividad del entrenamiento muscular del transverso del abdomen en pacientes con dolor lumbar crónico*. Funding: Col·legi de Fisioterapeutes de Catalunya. Duration: 2015 - 2017

Group articles

Barra ME, Castillo S, González V, Villar E, Domene N, López C. Efectividad del masaje funcional en el síndrome de impingement subacromial. *Fisioterapia*. 2015;37(2):75-82.

Lucha MO, López C, Fanlo P, Barra ME, Hidalgo C, Tricás JM. Efectos inmediatos de la fibrolisis diacutánea en deportistas con dolor anterior en la rodilla. *Cuestiones de Fisioterapia*. 2015;44:33-40.

Indicators

Researchers with PhD	2
Total number of projects in which group members have participated	1
Total number of projects in which the PI of the project has belonged to the group	1
Total Funding	4.000,00 €
Scientific publications in indexed journals	
Total Impact factor	
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	0
Q2 FI	

Research Group: GREMPAL (Primary Care Research Group in Common Disorders of the Musculoskeletal System)

The CDMSRG resulted from the initiative of general practitioners from the primary care region Barcelona Litoral and Dreta de l'Eixample, in collaboration with the Bone and Joint Pathophysiology Research Unit of the IMIM-Parc de Salut Mar. From 2009 the group collaborates with the Epidemiology Unit of the Orthopaedics, Rheumatology and Musculoskeletal Sciences at the University of Oxford. The group aims to study the risk factors of the most common musculoskeletal disorders (osteoporosis and osteoarthritis) from a primary care perspective and the effectiveness of the treatments currently available.

Lines: Epidemiology of the most frequent diseases of the musculoskeletal system in primary care: osteoarthritis and osteoporosis, Epidemiology of the adherence to the most common treatments for musculoskeletal disorders, Pharmaco-epidemiology and potential new uses for these treatments, Patient-reported outcomes of hip and knee arthroplasty as a treatment for osteoarthritis, Epidemiology of other disorders of the musculoskeletal system from a primary care perspective.

Group Leader

Prieto Alhambra, Daniel



Researchers

Carbonell Abellà, Cristina
Martínez Laguna, Daniel
Nogues Solan, Xavier
Pages Castella, Aina
Soria Castro, Alberto

The group participates in the following projects

IP: Prieto Alhambra, Daniel. Multinational database cohort study to assess RMP specified safety outcomes in association with indacaterol/glycopyrronium bromide in Europe. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2019

IP: Prieto Alhambra, Daniel. Multinational, multi-database cohort study to assess adverse cardiovascular and cerebrovascular outcomes and mortality in association with inhaled NVA237 in Europe. Funding: Synapse Research Management Partners, s.l.. Duration: 2013 - 2019

IP: Prieto Alhambra, Daniel. European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018

IP: Prieto Alhambra, Daniel. A multi-database cohort study to assess the incidence rates of colorectal hyperplasia among hypertensive patients. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2017

IP: Prieto Alhambra, Daniel. Persistence with Osteoporosis Medications in Postmenopausal Women in Catalonia (Spain): a Population Based Retrospective Analysis. Funding: Amgen, S.A. Duration: 2015 - 2017

IP: Prieto Alhambra, Daniel. Asociación entre el uso de fármacos anti-osteoporosis y medicamentos anti-diabéticos y riesgo de fractura sintomática en pacientes con Diabetes Mellitus tipo 2. Funding: FEIOMM. Duration: 2015 - 2017

IP: Morros Pedrós, Rosa. Uso de heparinas y nuevos anticoagulantes en atención primaria en Cataluña. Estudio Piloto. Funding: Bioiberica, S.A.. Duration: 2015 - 2017

IP: Prieto Alhambra, Daniel. Multinational, multi-database drug utilization study of indacaterol/glycopyrronium bromide in Europe. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017

IP: Prieto Alhambra, Daniel. European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017

IP: Prieto Alhambra, Daniel. Multinational, multi-database cohort study to assess the incidence rate of severe asthma exacerbation and asthma related mortality rates. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017

IP: Prieto Alhambra, Daniel. Multinational, multi-database drug utilization study of inhaled NVA237 in Europe. Funding: Synapse Research Management Partners, S.L. Duration: 2013 - 2017

IP: Prieto Alhambra, Daniel. Evaluació de Serveis de Salut en Artroplasties de Rodilla y Cadera: predictores pre-quirúrgics de supervivència de pròtesis. Estudio coordinado PRESS-UP y ESSARC. Funding: Agència d'Informació, Avaluació i Qualitat en Salut (AIAQS). Duration: 2015 - 2016

IP: Prieto Alhambra, Daniel. Efectivitat i seguretat dels tractaments anti-osteoporosi a Catalunya: estudi de cohorts de base poblacional. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016

IP: Prieto Alhambra, Daniel. Osteoarthritis Progression & Prognosis: the European Cohorts and Healthcare Database Consortium (ECHO): Work Stream 2. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016

IP: Bolívar Ribas, Bonaventura. European Medical Information Framework. Funding: Laboratorios Servier, S.L. Duration: 2015 - 2016

IP: Bolívar Ribas, Bonaventura. European Medical Information Framework. Funding: Amgen, S.A. Duration: 2015 - 2016

IP: Martínez Laguna, Daniel. Estudi de valoració de la millor estratègia d'identificació de pacients amb alt risc de fractura per tal de sol·licitar una densitometria. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Prieto Alhambra, Daniel. Treatment patterns and resource use of type 2 Diabetes Mellitus patients in 5 countries in Europe (Phase II and III). Funding: Pharmo Institute N.V. Duration: 2014 - 2016

IP: Prieto Alhambra, Daniel. Multi-database, cohort, post-authorization safety study on indacaterol prescribing and safety in Europe. Funding: Pharmo Institute N.V. Duration: 2014 - 2016

IP: Prieto Alhambra, Daniel. Treatment patterns and resource use of type 2 Diabetes Mellitus patients in 5 countries in Europe (Phase I). Funding: Pharmo Institute N.V. Duration: 2013 - 2016

IP: Violán Fors, Concepció. Tabaquismo y Atención Primaria: relación entre el nivel macro (política sanitaria) y micro (atención primaria). Consecuencias de la Ley 42/2010 en los centros de salud. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Prieto Alhambra, Daniel. Evaluació de Serveis de Salut en Artroplasties de Rodilla y Cadera: predictores pre-quirúrgics de supervivència de pròtesis. Estudio coordinado PRESS-UP y ESSARC. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

The group participates in the following articles

Carbonell-Abella C, Pages-Castella A, Javaid MK, Nogues X, Farmer AJ, Cooper C, Diez-Perez A, Prieto-Alhambra D. Early (1-year) Discontinuation of Different Anti-osteoporosis Medications Compared: A Population-Based Cohort Study. *Calcified tissue international*. 2015 Dec; 97(6):535-41. doi:10.1007/s00223-015-0040-3. Epub 2015 Jul 23. PMID:26202819. **FI: 3,272**

Culliford D, Maskell J, Judge A, Cooper C, Prieto-Alhambra D, Arden NK. Future projections of total hip and knee arthroplasty in the UK: results from the UK Clinical Practice Research Datalink. *Osteoarthritis and cartilage / OARS, Osteoarthritis Research Society*. 2015 Apr; 23(4):594-600. doi:10.1016/j.joca.2014.12.022. pii:S1063-4584(14)01396-X. PMID:25579802. **FI: 4,165**

Driessen JH, Henry RM, van Onzenoort HA, Lalmohamed A, Burden AM, Prieto-Alhambra D, Neef C, Leufkens HG, de Vries F. Bone fracture risk is not associated with the use of glucagon-like peptide-1 receptor agonists: a population-based cohort analysis. *Calcified tissue international*. 2015 Aug; 97(2):104-12. doi:10.1007/s00223-015-9993-5. Epub 2015 Apr 17. pmc:PMC4491344. PMID:25894068. **FI: 3,272**

Judge A, Wallace G, Prieto-Alhambra D, Arden NK, Edwards CJ. Can the publication of guidelines change the management of early rheumatoid arthritis? An interrupted time series analysis from the United Kingdom.

Rheumatology (Oxford, England). 2015 Dec; 54(12):2244-8. doi:10.1093/rheumatology/kev268. Epub 2015 Aug 04. PMID:26242858. **FI: 4,475**

Mellibovsky L, Prieto-Alhambra D, Mellibovsky F, Güerri-Fernández R, Nogués X, Randall C, Hansma PK, Díez-Perez A. Bone Tissue Properties Measurement by Reference Point Indentation in Glucocorticoid-Induced Osteoporosis. Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research. 2015 Sep; 30(9):1651-6. doi:10.1002/jbmr.2497. Epub 2015 Jun 11. PMID:25736591. **FI: 6,832**

Overbeek JA, Heintjes EM, Hall GC, Lapi F, Prieto Alhambra D, Bezemer ID. Factors Associated with T2DM Treatment Choice Across Europe. Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research. 2015 Nov; 18(7):A600. doi:10.1016/j.jval.2015.09.2057. pii:S1098-3015(15)04133-9. PMID:26533368. **FI: 3,279**

Reyes C, García-Gil M, Elorza JM, Mendez-Boo L, Hermosilla E, Javaid MK, Cooper C, Díez-Perez A, Arden NK, Bolar B, Ramos R, Prieto-Alhambra D. Socio-economic status and the risk of developing hand, hip or knee osteoarthritis: a region-wide ecological study. Osteoarthritis and cartilage / OARS, Osteoarthritis Research Society. 2015 Aug; 23(8):1323-9. doi:10.1016/j.joca.2015.03.020. Epub 2015 Mar 26. PMID:25819582. **FI: 4,165**

Rodríguez-Sanz M, García-Giralt N, Prieto-Alhambra D, Servitja S, Balcells S, Pecorelli R, Díez-Pérez A, Grinberg D, Tusquets I, Nogués X. CYP11A1 expression in bone is associated with aromatase inhibitor-related bone loss. Journal of molecular endocrinology. 2015 Aug; 55(1):69-79. doi:10.1530/JME-15-0079. pii:JME-15-0079. PMID:26108486. **FI: 3,081**

Servitja S, Martos T, Rodríguez Sanz M, García-Giralt N, Prieto-Alhambra D, Garrigos L, Nogues X, Tusquets I. Skeletal adverse effects with aromatase inhibitors in early breast cancer: evidence to date and clinical guidance. Therapeutic advances in medical oncology. 2015 Sep; 7(5):291-6. doi:10.1177/1758834015598536. pii:10.1177_1758834015598536. pmc:PMC4543856. PMID:26327926.

Indicators

Researchers with PhD	2
Total number of projects in which group members have participated	23
Total number of projects in which the PI of the project has belonged to the group	19
Total Funding	1.492.846,00 €
Scientific publications in indexed journals	9
Total Impact factor	32,54
Nº of articles in Q1 journals	5
Q1 IF	22,916
Nº of articles in Q2 journals	3
Q2 IF	9,625

Research Group: GROIMAP (Osteoporosis and Musculoskeletal Diseases in Primary Care Research Group)

The group is made up of a multidisciplinary team of researchers from Vallès Occidental that includes family doctors, nurses, rheumatologists and pharmacists, among others. The majority of the group's members also belong to the Osteoporosis Work Group of CAMFiC (the Catalan Society of Family and Community Medicine). Through various research projects they collaborate with the Research Unit for Bone and Joint Physiopathology (URFOA) of The Mar Institute of Medical Research (IMIM) and with the British universities of Southampton and Oxford.

The group's objective is epidemiological research and analysis of the influence of known risk factors on the development of musculoskeletal diseases (basically osteoporosis and arthrosis) and the treatment of these pathologies in primary health care.

Lines: Osteoporosis in primary health care: validation of the FRAX scale in Spain. Genetic and clinical risk factors associated with the risk of fracture. Electronic registers and the treatment of osteoporosis. Variability of clinical practice Osteoarthritis or arthrosis in primary health care: Epidemiology of osteoarthritis in primary health care. Classic risk factors (age, obesity, etc.) and emerging risk factors (synovitis, comorbidity, vitamin D level, etc.) associated with the development of the disease. Quality of Life Related to Health (QLRH) in patients with musculoskeletal or other problems resulting in pain and/or loss of function which require physical exercise for their genesis and or recovery in primary health care.

Group Leader

Azagra Ledesma, Rafael



Researchers

Aguyé Batista, Amada
Casado Burgos, Enrique
Encabo Duró, Gloria
Gené Tous, Emili
Güell Parnau, Sílvia
Iglesias Martinez, Milagros
Lopez Exposito, Francesc
Martín Sánchez, Juan Carlos
Ortiz Alinque, Sergi
Puchol Ruiz, Nuria
Pujol Salud, Jesus
Roca Figueras, Genís
Sancho Campos, Pilar
Vilaseca i Ribas, Anna
Zwart Salmerón, Marta

Group projects

IP: Prieto Alhambra, Daniel. European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018

IP: Azagra Ledesma, Rafael. Efectividad de una intervención con el programa de ejercicios OTAGO para la prevención de caídas y fracturas osteoporóticas en personas de 75 a 90 años residentes en la comunidad: Proyecto PRECIOSA. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Delgado Martínez MP. Influencia del tipo de tratamiento antihipertensivo prescrito en la práctica clínica habitual sobre la variabilidad de la presión arterial y el riesgo cardiovascular del hipertenso.. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Prieto Alhambra, Daniel. European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017

IP: Azagra Ledesma, Rafael. Incidencia de fracturas osteoporóticas en los últimos diez años y capacidad predictiva de la herramienta FRAX en población general mayor de 40 años residente en Cataluña. Funding: ICS - Institut Català de la Salut. Duration: 2011 - 2017

IP: Cano Romera, Angel. Implementació d'un protocol de diagnòstic precoç d'aneurisme d'aorta abdominal en un Centre d'Atenció Primària. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Martín Cantera, Carlos. Característiques diferencials dels diabètics fumadors respecte els no fumadors a Atenció Primària. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Prieto Alhambra, Daniel. Efectivitat i seguretat dels tractaments anti-osteoporosi a Catalunya: estudi de cohorts de base poblacional. Funding: IDIAP Jordi Gol. Duration: 2015 - 2016

IP: Bolívar Ribas, Bonaventura. Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016

IP: Tamayo Ojeda, Carmen. Adherència a les recomanacions de les guies de pràctica clínica en la prevenció secundària de la malaltia cerebrovascular: factors relacionats amb els pacients i amb els professionals. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016

Group articles

Azagra R, López-Expósito F, Martín-Sánchez JC, Aguyé-Batista A, Gabriel-Escoda P, Zwart M, Díaz-Herrera MA, Pujol-Salud J, Iglesias-Martínez M, Puchol-Ruiz N. Incidence of hip fracture in Spain (1997-2010). *Medicina clínica*. 2015 Dec; 145(11):465-70. doi:10.1016/j.medcli.2015.02.023. Epub 2015 May 13. Spanish. PMID:25978925. FI: 1,417.

Thesis

Lopez F. Incidència de fractures osteoporòtiques en els darrers 10 anys i anàlisi de la capacitat predictiva de l'eina FRAX (R) per determinar el risc de fractura osteoporòtica en població general major de 40 anys residents a Catalunya. Barcelona: Facultat de Medicina, Universitat Autònoma de Barcelona. 07/07/2015.

Indicators

Researchers with PhD	9
Total number of projects in which group members have participated	11
Total number of projects in which the PI of the project has belonged to the group	2
Total Funding	546.646,00 €
Scientific publications in indexed journals	1
Total Impact factor	1,42
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	1
Q2 FI	1,417

Research Area: Others

Research Group: Cancer-AP

The Cancer-AP (Cancer-PC) Research Group is constituted by a multidisciplinary, multicentre team of professionals with different levels of experience in research. In addition, other professionals such as lecturers, primary care physicians, oncologists, clinical geneticists and other specialists from the Catalan Programme of Oncology and the Genetic Counselling Unit participate in specific aspects of the studies as advisors. The goal is to establish research networks between primary care professionals within Catalonia (North Metropolitan Area, Central Catalonia and South Metropolitan Area).

The research programme aims to prevent risk factors, achieve early detection (screening and early detection based on clinical signs and symptoms) of any cancer in healthy people and in people at risk, as well as to follow-up cancer patients. The main objective is to improve interventions aimed at cancer control from Primary Care.

Lines: Cancer of Colon and Rectum (CCR); Interventions to increase the participation in the CCR screening programme; Knowledge, attitude and practice of primary care patients in relation to the European Code Against Cancer; Use of the Cancer Worry Scale to analyse the concern about cancer in the general population; Diagnosis and follow up in primary care of the following cancers: colon and rectum, ovary, endometrial, cervical, bladder and lung; Prevention and early diagnosis of hereditary cancer; Follow-up of long-term cancer survivors in primary care.

Group Leader

Marzo Castillejo, Maria Mercè

Researchers

Almeda Ortega, Jesús
Belmonte Garrido, Montse
Bueno Jiménez, David
Cantero Gómez, Francesc Xavier
Guiriguat Capdevila, Carolina
Llagostera Español, Maria
Mascort Roca, Juanjo
Navarro Márquez, Ana Isabel
Nieto Marina, Raquel
Ollé Mitjans, Maria
Rivero Franco, Irene
Saladich Puig, Rosa
Segarra Valls, Manel
Vela Vallespín, Carmen
Vilarrubí Estrella, Mercedes

The group participates in the following projects

IP: Guiriguat Capdevila, Carolina. Impacto de la privación socioeconómica sobre los resultados de un programa de cribado poblacional de cáncer colorrectal. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Codorniu Junqué, Carme. Calidad de vida de los pacientes en tratamiento y control de anticoagulantes orales (ACO) en Atención Primaria. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2017

IP: Salvador Gonzalez, Betlem. Riesgo cardiovascular asociado a la disminución del filtrado glomerular en mayores de 60 años en Atención Primaria. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

IP: Boada Valmaseda, Albert. Prevalencia de portadores nasales de *Staphylococcus aureus* y *Streptococcus pneumoniae* en atención primaria y factores asociados a la colonización, así como al consumo individual de antibióticos. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

- IP:** Ballvé Moreno, José Luis. Eficàcia de la maniobra d'Epley realitzada en atenció primària per a tractar el vertigen posicional paroxíctic benigne. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2016
- IP:** Ballvé Moreno, José Luis. Ensayo clínico sobre la eficacia de la maniobra de Epley combinada con betahistina en el tratamiento del vértigo posicional benigno del canal posterior. Funding: Red Española de Atención Primaria (REAP). Duration: 2013 - 2016
- IP:** Alzamora Sas, M^a Teresa. Incidencia de arteriopatía periférica y relación con factores de riesgo cardiovascular y morbimortalidad cardiovascular a los 5 años de seguimiento de la cohorte poblacional ARTPER. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016
- IP:** Salvadó Hernandez, Cristina. Adaptación de la familia ante el diagnóstico de diabetes mellitus tipo 1 de uno de sus miembros en edad infantil. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2016
- IP:** Bolívar Ribas, Bonaventura. The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015
- IP:** Almeda Ortega, Jesús. Estudio de cohortes prospectivo de recién nacidos para analizar la relación entre la presencia de anquiloglosia y la duración de la lactancia materna. Funding: IDIAP Jordi Gol. Duration: 2013 - 2015
- IP:** García Cerdan, M^a Rosa. Actituds, coneixements i pràctiques en l'autocura en pacients amb insuficiència cardíaca atesos a l'atenció primària. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2015
- IP:** Rodríguez Cristobal, Juan Jose. Impacto de una intervención en los estilos de vida en los factores de riesgo cardiovascular y la ateromatosis subclínica en pacientes con hiperfibrigenemia en la atención primaria de salud (Estudio IMENCAR). Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2015

Group Articles

- Berlanga Fernández S, Forés García D, Villafáfila Ferrero RI, Almeda Ortega J. Criteria for consideration in the choice of specialty and future resident Teaching Unit Primary Care. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Nov; 47(9):603-5. doi:10.1016/j.aprim.2014.11.007. Epub 2015 Jan 28. Spanish. PMID:25638670. **FI: 0,953**
- Boada A, Almeda J, Grenzner E, Pons-Vigués M, Morros R, Juvé R, Simonet PJ, den Heijer CD, Bolívar B. Prevalence of nasal carriage of *Staphylococcus aureus* and *Streptococcus pneumoniae* in Primary Care and factors associated with colonization. *Enfermedades infecciosas y microbiología clínica*. 2015 Aug-Sep; 33(7):451-7. doi:10.1016/j.eimc.2014.10.014. Epub 2015 Jan 21. Spanish. PMID:25617018. **FI: 2,172**
- Carnicer-Pont D, Montoliu A, Marín JL, Almeda J, González V, Muñoz R, Martínez C, Jané M, Casabona J; HIV nadó working group. Twenty years trends and socio-demographic characteristics of HIV prevalence in women giving birth in Catalonia (Spain). *Gaceta sanitaria / S.E.S.P.A.S.* 2015 Sep-Oct; 29(5):347-52. doi:10.1016/j.gaceta.2015.01.012. Epub 2015 Mar 23. PMID:25814033. **FI: 1,186**
- Castaño-Vinyals G, Aragonés N, Pérez-Gómez B, Martín V, Llorca J, Moreno V, Altzibar JM, Ardanaz E, de Sanjosé S, Jiménez-Moleón JJ, Tardón A, Alguacil J, Peiró R, Marcos-Gragera R, Navarro C, Pollán M, Kogevinas M; MCC-Spain Study Group. Population-based multicase-control study in common tumors in Spain (MCC-Spain): rationale and study design. *Gac Sanit*. 2015;29(4):308-15. PubMed PMID: 25613680. **FI: 1,186**
- Contreras Mdel M, Formiga F, Ferrer A, Chivite D, Padrós G, Montero A; Grupo Octabaix. Profile and prognosis of patients over 85 years old with anemia living in the community. Octabaix Study. *Revista española de geriatría y gerontología*. 2015 Sep-Oct; 50(5):211-5. doi:10.1016/j.regg.2014.11.004. Epub 2015 Jan 09. Spanish. PMID:25583243.
- Cunillera O, Almeda J, Mascort J, Basora J, Marzo MM, and the Catalan kiwifruit Study Group. Improvement of functional constipation with kiwifruit intake in a Mediterranean patient population: An open, non-randomized pilot study. *Rev Esp Nutr Hum Diet*. 2015;19(2):58-67. DOI: 10.14306/renhyd.0.0.131
- Ferrer A, Formiga F, Cunillera O, Megido MJ, Corbella X, Almeda J; Octabaix Study Group. Predicting factors of health-related quality of life in octogenarians: a 3-year follow-up longitudinal study. *Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation*. 2015 Nov; 24(11):2701-11. doi:10.1007/s11136-015-1004-9. Epub 2015 May 24. PMID:26003314. **FI: 2,486**
- Jiménez J, Martín A, Gené J, Batalla C, Mascort J. Dos años de Open Access. [Editorial]. *Atención Primaria Basada en la Evidencia*. 2015;47:1-2.

Kronfly E, Rivilla D, Ortega I, Villanueva M, Beltrán E, Comellas M, Almeda J, Casals J, Rico Y, Martínez S, Carrasco R, Bonfill M, Calderón B, Fernández M, Barranco L. Riesgo de depresión en personas de 75 años o más, valoración geriátrica integral y factores de vulnerabilidad asociados en Atención Primaria. *Aten Primaria*. 2015;10(47):616-625. PMID:0212-656. **FI: 0,953**

Kronfly Rubiano E, Rivilla Frias D, Ortega Abarca I, Villanueva Villanueva M, Beltrán Martínez E, Comellas Villalba M, Almeda Ortega J, Casals Fransi J, Rico García Y, Martínez Carmona S, Carrasco Coria R, Bonfill Gavalda M, Calderón Loren B, Fernández Fernández M, Barranco Oliver L. Risk of depression in 75 years or older persons, comprehensive geriatric assessment and associated factors in primary care: cross sectional study. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Dec; 47(10):616-25. doi:10.1016/j.aprim.2014.09.012. Epub 2015 Feb 07. Spanish. PMID:25660843. **FI: 0,953**

Marzo-Castillejo M, Almeda J, Mascort JJ, Cunillera O, Saladich R, Nieto R, Piñeiro P, Llagostera M, Cantero F, Segarra M, Puente D. Appropriateness of colonoscopy requests according to EPAGE-II in the Spanish region of Catalonia. *BMC family practice*. 2015; 16(1):154. doi:10.1186/s12875-015-0369-8. pii:10.1186/s12875-015-0369-8. pmc:PMC4620598. PMID:26498043. **FI: 1,669**

Pérula-de-Torres LÁ, Marzo-Castillejo M, Ranchal-Sánchez A, Bartolomé-Moreno C, Parras-Rejano JM, Bellas-Beceiro B, Vela-Vallespin C, Nuin-Villanueva MA, Melús-Palazón E, Vilarrubí-Estrella M, Martín-Rabadán Muro M, Martín-Carrillo Domínguez P, Magallón-Botaya R, . European Code Against Cancer: what does the Spanish population know and think about its recommendations?. *European journal of cancer prevention : the official journal of the European Cancer Prevention Organisation (ECP)*. 2015 Mar; 24(2):69-75. doi:10.1097/CEJ.0000000000000102. PMID:25536298. **FI: 3,031**

Tranche Iparraguirre S, Marzo Castillejo M. Not to do. *Atencion primaria /Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Apr; 47(4):191-2. doi:10.1016/j.aprim.2015.03.001. pii:S0212-6567(15)00076-1. PMID:25835133. **FI: 0,953.**

Villa JJ, Zurro AM, Badia JG, Martínez CB, Roca JJ. Two years of open access. *Atencion primaria/ Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Jan; 47(1):1-2. doi:10.1016/j.aprim.2014.12.003. pii:S0212-6567(14)00402-8. PMID:25616549. **FI: 0,953**

Villar I, Carrillo R, Mascort J. Enfermedad celíaca: búsqueda activa desde atención primaria. *FMC. Formación Médica Continuada en Atención Primaria*. 2015;22(8):413-422.

Indicators

Researchers with PhD	4
Total number of projects in which group members have participated	12
Total number of projects in which the PI of the project has belonged to the group	2
Total Funding	228.199,07 €
Scientific publications in indexed journals	11
Total Impact factor	16,5
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	3
Q2 IF	7,186

Research Group: GRASSIR (Research Group in Sexual and Reproductive Health)

A team of three midwives, four gynaecologists, a clinical biologist and a health technician of the North Metropolitan Area Research Support Unit (RSU) of the CHI constitute this team. During the past four years, they have collaborated to promote sexual and reproductive health in young people and to improve women's and maternal and child health.

External collaborators from other sexual health services, from the Hospital Mútua de Terrassa, the Consorci Sanitari of Terrassa, the Hospital de Vic, the Hospital Clínic of Barcelona, the Catalan Institute of Oncology and from the University of Barcelona contribute also to this Group. The three main research fields are maternal and child health, women's health and sexual health in young people. In addition, the GRASSIR Group aims to establish a research network among the 7 Sexual Health Services of the North Metropolitan Area and to consolidate the group and the research fields.

Lines: Cervical cancer and HPV screening; Urinary incontinence; Antenatal care; Prenatal diagnosis and Nuchal translucency; Maternal care: postpartum/ breastfeeding; Sexual and reproductive health in young people.

Group Leader

Falguera Puig, Gemma



Researchers

Acera Pérez, Amèlia
Gol Gomez, Roser
Grau Galtés, Josep
Lecumberri Estruch, Carla
Manresa Domínguez, Josep Maria
Torrent Español, Anna M^a
Torres Costa, Maria Teresa

The group participates in the following projects

IP: Adarve Hidalgo, Eva. Eficacia de la aplicación móvil "PillApp" en el cumplimiento del método anticonceptivo hormonal oral combinado. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2018

IP: Castellsagué Piqué, Xavier. Programa de monitorización y evaluación del impacto de la introducción de nuevas estrategias preventivas del cáncer de cuello uterino en Cataluña. Funding: Institut Català d'Oncologia. Duration: 2015 - 2017

IP: Rebollo Garriga, Gloria. Importància de la visita Preconcepcional en Atenció Primària de Salut. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Martin Cantera, Carlos. Característiques diferencials dels diabètics fumadors respecte els no fumadors a Atenció Primària. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Diaz Docon, Mireia. Eficàcia i beneficis del massatge infantil en nadons de 15 dies a 6 mesos en la regulació de la motilitat gàstrica del nen sà en les consultes d'atenció primària. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2014 - 2016

IP: Caballería Rovira, Llorenç. Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Torán Monserrat, Pere. RETINAL, Sistema de análisis y procesamiento de imagen de Retinografía, como herramienta de apoyo a la detección de infarto cerebral silencioso. Funding: ULMA Innovacion, S.L. Duration: 2012 - 2016

IP: Acera Pérez, Amèlia. Evaluación de la efectividad de tres estrategias para aumentar la participación de mujeres en un programa de cribado de cáncer de CERVIX en la comarca del VALLÈS Oriental (Estudio CRICERVA). Funding: Sanofi Pasteur MSD S.A. Duration: 2014 - 2015

IP: Casabona Barberà, Jordi. Proyecto HIDES 2 Atención Primaria en España. Funding: Fundació Institut d'investigació en ciències de la salut Germans Trias i Pujol. Duration: 2013 - 2015

The group participates in the following articles

de Sanjosé S, Ibáñez R, Rodríguez-Salés V, Peris M, Roura E, Díaz M, Torné A, Costa D, Canet Y, Falguera G, Alejo M, Espinàs JA, Bosch FX. Screening of cervical cancer in Catalonia 2006-2012. *Ecanermedicalscience*. 2015; 9:532. doi:10.3332/ecancer.2015.532. pii:can-9-532. pmc:PMC4431403. PMID:25987901.

Lacasta Tintorer D, Flayeh Beneyto S, Manresa JM, Torán-Monserrat P, Jiménez-Zarco A, Torrent-Sellens J, Saigí-Rubió F. Understanding the discriminant factors that influence the adoption and use of clinical communities of practice: the ECOPIH case. *BMC health services research*. 2015; 15:373. doi:10.1186/s12913-015-1036-4. pii:10.1186/s12913-015-1036-4. pmc:PMC4566431. PMID:26358037. **FI: 1,712**

Martí-Margarit A, Manresa JM, Herdman M, Pujol R, Serra C, Flyvholm MA, Giménez-Arnau AM. Valid screening questions useful to diagnose hand and forearm eczema are available in the Spanish language, a new tool for global research. *European journal of dermatology: EJD*. 2015 Apr; 25(2):145-55. doi:10.1684/ejd.2014.2485. pii:ejd.2014.2485. PMID:25961465. **FI: 1,990**

Awards

Congress Award. XXVII Congreso Nacional de la Asociación Española de Patología Cervical y Colposcopia. Evaluation of the relationship between effervescent paracetamol and blood pressure: clinical trial. Acera A, Rodríguez D, Bonet JM, Hidalgo P, de Sanjosé S.

Indicators

Researchers with PhD	4
Total number of projects in which group members have participated	9
Total number of projects in which the PI of the project has belonged to the group	1
Total Funding	233.508,01 €
Scientific publications in indexed journals	2
Total Impact factor	3,7
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	2
Q2 FI	3,702

Research Group: GREmHAP (Hepatic Diseases in Primary Care Research Group)

This group is made up of various professionals and researchers from the Primary Health Care Area of North Metropolitan Barcelona and Maresme and from Research Support Unit of the same area and counts on the support, collaboration and guidance of members of the Hepatology Service of the Hospital Clínic and the August Pi i Sunyer Biomedical Research Institute (IDIBAPS).

The group's objective is research related with liver diseases, both alcohol-related and non-alcohol-related and it is developing various lines of research: the study of behaviour changes deriving from social changes produced by migratory movements in order to detect drinkers at risk and offer opportunities for treatment; to improve knowledge of the etiology, the use of health resources and diagnostic tests, the diagnostic performance of the tests and the therapeutic handling of this situation by health professionals in their normal practice.

Lines: **Non-alcoholic liver steatosis:** effectiveness of an intervention to slow progression to more serious forms
Transmissible hepatitis: effectiveness of prevention and detection of the population at risk **Alcohol as an etiological hepatopathy risk factor.**

Group Leader

Caballería Rovira, Llorenç



Researchers

Aizpurua Perez, Miren Maite Ederne
Alumà Trullas, Alba
Aubà Llambrich, Josep
Auladell Llorens, Maria Antònia
Bernad Suarez, Jesus
Canut Caverio, Santiago
Casas Curto, Jose Darío
Miranda Badia, M^a Dolores
Rodriguez Gonzalez, Luis
Tibau Catalan, Albert

Group Projects

IP: Caballería Rovira, Llorenç. *Valor predictivo de la elastografía hepática transitoria respecto a la enfermedad hepática y cardiovascular.* Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Sánchez Tapias, JM. *Estudio de prevalencia real actual de hepatitis B y C en la región de Cataluña. Impacto del cambio poblacional derivado de la inmigración.* Funding: Instituto de Salud Carlos III. Duration: 2014 - 2017

IP: Caballería Rovira, Llorenç. *Esteatosis hepática no alcohólica con a factor de risc de malaltia cardiovascular i renal.* Funding: IDIAP Jordi Gol. Duration: 2014 - 2016

IP: Rodriguez Gonzalez, Luis. *Detecció precoç de malalties cròniques del fetge en població adulta aparentment sana.* Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2013 - 2015

The group participates in the following projects

IP: Alzamora Sas, M^a Teresa. *Incidencia de arteriopatía periférica y relación con factores de riesgo cardiovascular y morbimortalidad cardiovascular a los 5 años de seguimiento de la cohorte poblacional ARTPER.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Caballería Rovira, Llorenç. *Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

Group articles

Caballería L. Diabetes mellitus e hígado graso no alcohólico. Diabetes Práctica. 2015;06(02):19-96.

The group participates in the following articles

Caballeria J, Caballeria L. Non-alcoholic fatty liver disease. Role of primary care physicians. Medicina clínica. 2015 Aug; 145(3):112-4. doi:10.1016/j.medcli.2015.04.012. Epub 2015 May 23. Spanish. PMID:26004277. FI: 1,417.

Floreani A, Spinazzè A, Caballeria L, Reig A, Cazzagon N, Franceschet I, Buja A, Furlan P, Harada K, Leung PS, Gershwin ME, Pares A. Extrahepatic malignancies in primary biliary cirrhosis: a comparative study at two European centers. Clinical reviews in allergy & immunology. 2015 Jun; 48(2-3):254-62. doi:10.1007/s12016-014-8446-7. PMID:25205363. **FI: 5,463**

Lammers WJ, Hirschfield GM, Corpechot C, Nevens F, Lindor KD, Janssen HL, Floreani A, Ponsioen CY, Mayo MJ, Invernizzi P, Battezzati PM, Parés A, Burroughs AK, Mason AL, Kowdley KV, Kumagi T, Harms MH, Trivedi PJ, Poupon R, Cheung A, Lleo A, Caballeria L, Hansen BE, van Buuren HR; Global PBC Study Group. Development and Validation of a Scoring System to Predict Outcomes of Patients With Primary Biliary Cirrhosis Receiving Urso-deoxycholic Acid Therapy. Gastroenterology. 2015 Dec; 149(7):1804-1812.e4. doi:10.1053/j.gastro.2015.07.061. Epub 2015 Aug 07. PMID:26261009. **FI: 16,716**

Indicators

Researchers with PhD	3
Total number of projects in which group members have participated	6
Total number of projects in which the PI of the project has belonged to the group	4
Total Funding	375.050,00 €
Scientific publications in indexed journals	3
Total Impact factor	23,6
Nº of articles in Q1 journals	2
Q1 IF	22,179
Nº of articles in Q2 journals	1
Q2 FI	1,417

Research Area: Respiratory

Research Group: GEPAR-AP (Respiratory System Pathology in Primary Care Study Group)

This group is made up of primary health care professionals from the area of Tarragona and includes doctors, nurses and physiotherapists. Some its members are also university teachers from the Rovira i Virgili University and active members of research groups in their respective scientific societies. It is also supported by the Research Unit of Primary Health Care Management in the Camp de Tarragona area.

The group's principal objective is the study of risk factors and approach strategies for respiratory diseases in primary health care. Primary Health care is the ideal setting in which to develop prospective multicentric studies which will generate quality data with which to answer some of these questions while at the same time favouring a better use of available resources.

Lines: Acute pathology and respiratory infections. Rapid diagnostic techniques, use and abuse of the prescription of antibiotics. Chronic respiratory pathology and smoking. Early diagnosis and infra diagnosis and treatment of chronic obstructive pulmonary disease (COPD).

Group Leader

Martín Luján, Francisco



Researchers

Alfaro Ormaolea, Aitor Carlos
Basora Gallisà, M^a Teresa
Blade Creixenti, Jordi
Calviño Domínguez, Olga
Crispi Cifuentes, Silvia
Fernández Pagés, Yvone
Martín Vergara, Núria
Pascual Palacios, Irene
Santigosa Ayala, Antoni
Sierra Montalbán, Nuria
Sorlí Aguilar, Mar

The group participates in the following projects projects

IP: Sorlí Aguilar, Mar. *ESTUDIO DIET: Ensayo clínico multicéntrico y aleatorizado para valorar la relación entre la función pulmonar y la adherencia a una dieta de tipo mediterránea.* Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Llor Vilà, Carles. *Eficacia de dosis altas de penicilina v oral frente a amoxicilina a dosis altas en el tratamiento de la neumonía no grave atendida en la comunidad en adultos.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

IP: Martín Luján, Francisco. *Ensayo clínico aleatorizado y multicéntrico para evaluar la eficacia de una intervención motivacional contra el tabaquismo basada en la información obtenida en una espirometría realizada en Atención Primaria.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Aragonès Benaiges, Enric. *Avaluació del risc cardiovascular associat als diferents fenotips clínics de la síndrome metabòlica i dels risc adicional associat a la presència de depressió/ansietat.* Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following articles

Granado-Font E, Flores-Mateo G, Sorlí-Aguilar M, Montaña-Carreras X, Ferre-Grau C, Barrera-Uriarte ML, Oriol-Colominas E, Rey-Reñones C, Caules I, Satué-Gracia EM. Effectiveness of a Smartphone application and wearable device for weight loss in overweight or obese primary care patients: protocol for a randomised controlled trial. BMC public health. 2015; 15:531. doi:10.1186/s12889-015-1845-8. pii:10.1186/s12889-015-1845-8. pmc:PMC4455326. PMID:26041131. **FI: 2,264**

Martin-Lujan F, Santigosa-Ayala A, Piñol-Moreno JL, Sorli-Aguilar M, Flores-Mateo G, Bladé-Creixenti J, Basora-Gallisa J, Sola-Alberich R. Multicentric randomized clinical trial to evaluate the long-term effectiveness of a motivational intervention against smoking, based on the information obtained from spirometry in primary care: the RESET study protocol. BMC family practice. 2016; 17(1):15. doi:10.1186/s12875-016-0415-1. pii:10.1186/s12875-016-0415-1. pmc:PMC4743363. PMID:26846522. **FI: 1,669**

Sorlí-Aguilar M, Martín-Luján F, Santigosa-Ayala A, Piñol-Moreno JL, Flores-Mateo G, Basora-Gallisa J, Arijá-Val V, Solà-Alberich R. Effects of mediterranean diet on lung function in smokers: a randomised, parallel and controlled protocol. BMC public health. 2015; 15:74. doi:10.1186/s12889-015-1450-x. pii:s12889-015-1450-x. pmc:PMC4328054. PMID:25636808. **FI: 2,264**

Indicators

Researchers with PhD	5
Total number of projects in which group members have participated	4
Total number of projects in which the PI of the project has belonged to the group	3
Total Funding	150.700,66 €
Scientific publications in indexed journals	3
Total Impact factor	6,2
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	3
Q2 FI	6,197

Research Group: GReCMaR (Research Group in Chronic Respiratory Diseases)

The research group consists of various primary care professionals from several primary care centres in the area of Barcelonès Nord and Maresme, in collaboration with the Research Support Unit (RSU) Metropolitana Nord. Some of its members participate also in the Maresme Community Acquired Pneumonia Study Group (GEMPAC).

The main objective is to promote and consolidate the understanding of the chronicity of respiratory conditions to improve patient care and to optimize the use of resources in primary care. The group focuses its research on Prevention (smoking cessation, tertiary prevention, screening strategies and early diagnosis); Health Services Evaluation (causes of underdiagnosis of COPD and study of the diagnostic value of symptoms, signs and diagnostic tests); and Comorbidities, follow-up and the management of patients with respiratory diseases.

Lines: Prevention and study of risk factors associated with Chronic Obstructive Pulmonary Disease (COPD); Detection and underdiagnosis of COPD; Educational Intervention in COPD; Lower respiratory tract infections; Tertiary Prevention; Study of exacerbations in COPD.

Group Leader

Torán Monserrat, Pere



Researchers

Borrell Thió, Eulàlia
Garriga Bacardi, M. Roser
Maneus Quintela, Sandra
Mezquiriz Ferrero, Fco. Javier
Monteagudo Zaragoza, Mònica
Montellà Jordana, Núria
Morales Requena, Daniela Raquel
Muñoz Ortiz, Laura
Negrete Palma, Antonio
Ocaña Padilla, Antonia
Rodríguez Álvarez, Maria del Mar
Rotllant Estelrich, Guida
Simonet Aineto, Pere Josep
Urrea Vegas, Magali
Vallejo Domingo, Antonio

The group participates in the following projects

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018

IP: Caballería Rovira, Llorenç. *Valor predictivo de la elastografía hepática transitoria respecto a la enfermedad hepática y cardiovascular*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018

IP: Alventosa Zaidin, Marina. *Bloqueig de branca i morbimortalitat cardiovascular*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2015 - 2017

IP: Moreno Hernandez, Isabel. *Déficit de vitamina D como factor de riesgo de infección respiratoria (IRVB) y de agudización de la enfermedad pulmonar obstructiva crónica (EPOC)*. Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2015 - 2017

IP: Ramos Blanes, Rafel. *Estudio epidemiológico de la Hipercolesterolemia Familiar. Estudio COLGE*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2017

IP: Morros Pedrós, Rosa. *Uso de heparinas y nuevos anticoagulantes en atención primaria en Cataluña. Estudio Piloto*. Funding: Bioiberica, S.A. Duration: 2015 - 2017

IP: Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017

IP: Simonet Aineto, Pere Josep. *Factores predictivos de ingreso hospitalario en las exacerbaciones de EPOC tratadas inicialmente en Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017

IP: Mataró Serrat, Maria. *Neuroplasticidad en la edad adulta: Ejercicio físico y entrenamiento cognitivo*. Funding: Ministerio de Economía y Competitividad. Duration: 2014 - 2017

IP: Montero Alía, Pilar. *Efectividad de una intervención realizada en atención primaria de la consola Wii de Nintendo para mejorar el equilibrio y disminuir las caídas en personas mayores*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2017

IP: de la Poza Abad, Mariam. *Ensayo clínico sobre la evaluación de la prescripción diferida de antibióticos en las infecciones respiratorias agudas no complicadas en pediatría (PDA-pediatría)*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2017

IP: Boada Valmaseda, Albert. *Prevalencia de portadores nasales de Staphylococcus aureus y Streptococcus pneumoniae en atención primaria y factores asociados a la colonización, así como al consumo individual de antibióticos*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Medrano Jiménez, Rafael. *Termometría plantar y pie de riesgo en Atención Primaria. Estudio Termopiedi*. Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2014 - 2016

IP: Roig Remon, Lydia. *Nou punt de tall del quocient FEV1/FEV6 mesurat amb el Vitalograph COPD6 pel cribatge de la MPOC en atenció primària*. Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2014 - 2016

IP: Martín Cantera, Carlos. *Evaluación de la eficacia de una intervención basada en la disminución de las horas de sedestación en pacientes con sobrepeso u obesidad moderada (proyecto SEDESTACTIV). Ensayo clínico aleatorio controlado*. Funding: Universidad Europea de Madrid S.L.U. Duration: 2014 - 2016

IP: Caballería Rovira, Llorenç. *Esteatosis hepática no alcohólica con a factor de risc de malaltia cardiovascular i renal*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2016

IP: Monteagudo Zaragoza, Mònica. *Real life evidence of Eklira®/Bretaris® Genuair® in Catalonia*. Funding: IMS Health, S.A. Duration: 2014 - 2016

IP: Monteagudo Zaragoza, Mònica. *Trends in prevalence and burden of non-cystic fibrosis bronchiectasis in Catalonia*. Funding: Bayer Pharma AG. Duration: 2014 - 2016

IP: Bolívar Ribas, Bonaventura. *Diseño de una intervención compleja multiriesgo en Atención Primaria para fomentar conductas promotoras de salud en la población de 45 a 75 años: ensayo clínico exploratorio multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2013 - 2016

IP: Miravittles Fernández, Marc. *Evolución de los patrones de tratamiento inicial en los pacientes con EPOC de nuevo diagnóstico de 2007-2012*. Funding: Novartis Farmacéutica, S.A.. Duration: 2013 - 2016

IP: Alzamora Sas, Mª Teresa. *Incidencia de arteriopatía periférica y relación con factores de riesgo cardiovascular y morbimortalidad cardiovascular a los 5 años de seguimiento de la cohorte poblacional ARTPER*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Montesinos Sanz, Susanna. *Efectividad de una intervención breve en mayores de 64 años con consumo de riesgo de alcohol en atención primaria. Ensayo clínico aleatorizado comunitario*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Caballería Rovira, Llorenç. *Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2016

IP: Bolívar Ribas, Bonaventura. *Efectividad de una intervención para mejorar la adecuación de la indicación de hipolipemiantes en prevención primaria: ensayo clínico aleatorizado*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016

IP: Forés Raurell, Rosa. *Cilostazol en el tratamiento de la arteriopatía periférica: reacciones adversas cardiovasculares y hemorrágicas en condiciones de uso reales*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016

- IP:** Torán Monserrat, Pere. *RETINAL, Sistema de análisis y procesamiento de imagen de Retinografía, como herramienta de apoyo a la detección de infarto cerebral silencioso*. Funding: ULMA Innovacion, S.L. Duration: 2012 - 2016
- IP:** Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015
- IP:** Rodríguez Álvarez, Maria del Mar. *Impacto del síndrome de apnea del sueño en la morbimortalidad cardiovascular: estudio de cohortes de base poblacional*. Funding: IDIAP Jordi Gol. Duration: 2014 - 2015
- IP:** Rodríguez Gonzalez, Luis. *Detecció precoç de malalties cròniques del fetge en població adulta aparentment sana*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2013 - 2015
- IP:** Rodríguez Rodríguez, Rafael. *Anàlisi i definició de les competències interculturals dels professionals d'infermeria d'Atenció Primària*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2013 - 2015
- IP:** Miravittles Fernández, Marc. *Déficit de alfa-1antitripsina. Identificación de carencias en el diagnóstico y seguimiento en Cataluña*. Funding: Grifols Inc.. Duration: 2013 - 2015
- IP:** García Aymerich, Judith. *Efectividad de una intervención de entrenamiento urbano en pacientes con enfermedad pulmonar obstructiva crónica (EPOC): ensayo clínico aleatorizado*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015
- IP:** Simonet Aineto, Pere Josep. *Estudio CRITIKAL. Relación entre el grado de control del asma y factores asociados al manejo de dispositivos de inhalación*. Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2015

The group participates in the following articles

- Barrecheguren M, Monteagudo M, Ferrer J, Borrell E, Llor C, Esquinas C, Miravittles M. Treatment patterns in COPD patients newly diagnosed in primary care. A population-based study. *Respiratory medicine*. 2016 Feb; 111:47-53. doi:10.1016/j.rmed.2015.12.004. Epub 2015 Dec 23. PMID:26758585. **FI: 3,086**
- Barrecheguren M, Monteagudo M, Llor C, Borrell E, Esquinas C, Ferrer J, Miravittles M. Diagnosis of alpha 1 antitrypsin deficiency in primary care. *Eur Respir J*. 2015;46:(suppl 59) DOI: 10.1183/13993003.congress-2015.PA3866 **FI: 7,636**
- Boada A, Almeda J, Grenzner E, Pons-Vigués M, Morros R, Juvé R, Simonet PJ, den Heijer CD, Bolívar B. [Prevalence of nasal carriage of *Staphylococcus aureus* and *Streptococcus pneumoniae* in Primary Care and factors associated with colonization]. *Enfermedades infecciosas y microbiología clínica*. 2015 Aug-Sep; 33(7):451-7. doi:10.1016/j.eimc.2014.10.014. Epub 2015 Jan 21. Spanish. PMID:25617018. **FI: 2,172**
- Cunillera O, Almeda J, Mascort J, Basora J, Marzo MM, and the Catalan kiwifruit Study Group. Improvement of functional constipation with kiwifruit intake in a Mediterranean patient population: An open, non-randomized pilot study. *Rev Esp Nutr Hum Diet*. 2015;19(2):58-67. DOI: 10.14306/renhyd.0.0.131
- Juvanteney J, Llauger MA, Simonet PJ, Villafañila R. Patología respiratoria. *AMF-Actualización en Medicina de Familia*. 2015;11(3):168-176.
- Lacasta Tintorer D, Flayeh Beneyto S, Manresa JM, Torán-Monserrat P, Jiménez-Zarco A, Torrent-Sellens J, Saigí-Rubió F. Understanding the discriminant factors that influence the adoption and use of clinical communities of practice: the ECOPIH case. *BMC health services research*. 2015 ; 15:373. doi:10.1186/s12913-015-1036-4. pii:10.1186/s12913-015-1036-4. pmc:PMC4566431. PMID:26358037. **FI: 1,712**
- Dacosta-Aguayo R, Graña M, Iturria-Medina Y, Fernández-Andújar M, López-Cancio E, Cáceres C, Bargalló N, Barrios M, Clemente I, Toran P, Forés R, Dávalos A, Auer T, Mataró M. Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. *Hum Brain Mapp*. 2015 Feb;36(2):577-90. doi: 10.1002/hbm.22648. Epub 2014 Oct 16. PubMed PMID: 25324040; PubMed Central PMCID: PMC4312977. **FI: 5,969**
- Puig-Ribera A, Bort-Roig J, González-Suárez AM, Martínez-Lemos I, Giné-Garriga M, Fortuño J, Martori JC, Muñoz-Ortiz L, Milà R, McKenna J, Gilson ND. Patterns of impact resulting from a 'sit less, move more' web-based program in sedentary office employees. *PloS one*. 2015 ; 10(4):e0122474. doi:10.1371/journal.pone.0122474. pii:PONE-D-14-36281. pmc:PMC4382156. PMID:25830782. **FI: 3,234**
- Puig-Ribera A, Martínez-Lemos I, Giné-Garriga M, González-Suárez AM, Bort-Roig J, Fortuño J, Muñoz-Ortiz L, McKenna J, Gilson ND. Self-reported sitting time and physical activity: interactive associations with mental well-being and productivity in office employees. *BMC public health*. 2015; 15:72. doi:10.1186/s12889-015-1447-5. pii:10.1186/s12889-015-1447-5. pmc:PMC4323230. PMID:25886270. **FI: 2,264**

Rabell-Santacana V, Panadès-Valls R, Vila-Rigat R, Hernandez-Huet E, Sivecas-Maristany J, Blanché-Prat X, Prieto G, Muñoz L, Torán P; Respiratory Research Group of Vallès Oriental (GRRVO). Prevalence of Work-Related Asthma in Primary Health Care: Study Rationale and Design. *The open respiratory medicine journal*. 2015 ; 9:127-39. doi :10.2174/1874306401509010127. Epub 2015 Nov 13. pmc:PMC4740970. PMID:26865884.

Torán P. A simple validated method for predicting the risk of hospitalization for worsening of heart failure in ambulatory patients: the Redin-SCORE. *Eur J Heart Fail*. 2015;17(8):818-827. PMID:26011392. **FI: 6,526**

Torán P. Does sex affect anticoagulant use for stroke prevention in nonvalvular atrial fibrillation? The prospective global anticoagulant registry in the FIELD-Atrial Fibrillation. *Circ Cardiovasc Qual Outcomes*. 2015;8(1):12-20. PMID:25714828.

Vila R, Panadès R, Hernandez E, Sivecas J, Rabell V, Panadès R, Blanche F, Muñoz L, Torán P. Prevalence of Work-Related Asthma in Primary Health Care: Study Rationale and Design. *Open Access Library Journal*. 2015;9:81-93.

Vila-Rigat R, Panadès Valls R, Hernandez Huet E, Sivecas Maristany J, Blanché Prat X, Muñoz-Ortiz L, Torán Monserrat P, Rabell Santacana V. Prevalence of Work-Related Asthma and its Impact in Primary Health Care. *Archivos de bronconeumologia*?a. 2015 Sep; 51(9):449-55. doi:10.1016/j.arbres.2014.08.010. Epub 2014 Oct 23. PMID:25446866.

FI: 1,823

Awards

Best communication. 66a Reunió de la Societat Catalana de Neuropsicologia. Influencia del ejercicio físico y la genética sobre la cognición en una muestra comunitaria amplia. Pera G, Alzamora MT, Torán P, Forés R, Heras A.

Best PhD. III Jornada de Doctorat de la Facultat de Psicologia de la Universitat de Barcelona. Functional, structural and metabolic remodeling related to cognitive recovery in ischemic stroke patients. Dacosta R, Graña M, Savio A, Iturria-Medina Y, Fernández M, Chyzyk D, Millánk M, López-Cancio E, Gomis M, Pérez de la Ossa N, Cáceres C, Bargalló N, Barrios M, Clemente I, Dávalos A, Torán P, Forés R, Alzamora MT, Pera G, Muñoz L, Tibor A, Mataró M.

Indicators

Researchers with PhD	2
Total number of projects in which group members have participated	34
Total number of projects in which the PI of the project has belonged to the group	6
Total Funding	1.594.109,35 €
Scientific publications in indexed journals	10
Total Impact factor	40,39
Nº of articles in Q1 journals	4
Q1 IF	23,365
Nº of articles in Q2 journals	3
Q2 IF	7,062

Research Group: GRRVO (Respiratory diseases)

This is a multidisciplinary group composed of family doctors, nurses, pneumologists and paediatricians, almost all of them working in clinical care. For eleven years the group has been organising biannual symposium on COPD and asthma in primary health care, and for the last seven years it has organised a smoking symposium jointly with the Catalan Society of Family and Community Medicine (CAMFiC).

The group's objective is to research the causes and consequences of obstructive respiratory diseases.

Lines: Validation of a primary health care questionnaire on the quality of life of COPD patients and a study of the perception of the patient's quality of life in relation to the disease's degree of severity. Knowledge and measurement of the infradiagnosis of occupational asthma and its repercussion on the demand for health services. Study of the effectiveness of different types of interventions for ending the smoking habit.

Group Leader

Roig Remon, Lydia



Researchers

Albi Visús, Núria
Arteaga Salinas, Maite
Balaguer Garriga, Francesc
Blanche Prat, F.Xavier
Hernandez Huet, Enric
Jordà Recort, Margarita
Llobet Agulló, M.Pilar
Mota Jiménez, Gemma
Panadès Valls, Rafael
Pastor Ramon, Esther
Pérez Tortosa, Santiago
Rabell Santacana, Ventura
Sivecas Maristany, Joan
Vila Rigat, Rosa

The group participates in the following projects

IP: Pastor Ramon, Esther. *Risc de sagnat dels nous anticoagulants orals en comparació amb acenocumarol en la pràctica clínica habitual.* Funding: Col·legi Oficial de Farmacèutics de Barcelona. Duration: 2015 - 2017

IP: Martin Cantera, Carlos. *Característiques diferencials dels diabètics fumadors respecte els no fumadors a Atenció Primària.* Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016

IP: Roig Remon, Lydia. *Nou punt de tall del quocient FEV1/FEV6 mesurat amb el Vitalograph COPD6 pel cribatge de la MPOC en atenció primària.* Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2014 - 2016

IP: Rodríguez Álvarez, Maria del Mar. *Impacto del síndrome de apnea del sueño en la morbilidad cardiovascular: estudio de cohortes de base poblacional.* Funding: IDIAP Jordi Gol. Duration: 2014 - 2015

The group participates in the following projects

Martín Cantera C, Puigdomènech E, Ballvé JL, Arias OL, Clemente L, Casas R, Roig L, Pérez-Tortosa S, Díaz-Gete L, Granollers S. Effectiveness of multicomponent interventions in primary healthcare settings to promote continuous smoking cessation in adults: a systematic review. *BMJ open*. 2015; 5(10):e008807. doi:10.1136/bmjopen-2015-008807. pii:bmjopen-2015-008807. pmc:PMC4606220. PMID:26428333. **FI: 2,271**

Rabell-Santacana V, Panadès-Valls R, Vila-Rigat R, Hernandez-Huet E, Sivecas-Maristany J, Blanché-Prat X, Prieto G, Muñoz L, Torán P; Respiratory Research Group of Vallès Oriental (GRRVO). Prevalence of Work-Related Asthma in Primary Health Care: Study Rationale and Design. The open respiratory medicine journal. 2015 ; 9:127-39. doi:10.2174/1874306401509010127. Epub 2015 Nov 13. pmc:PMC4740970. PMID:26865884.

Vila R, Panadès R, Hernandez E, Sivecas J, Rabell V, Panadès R, Blanche F, Muñoz L, Torán P. Prevalence of Work-Related Asthma in Primary Health Care: Study Rationale and Design. Open Access Library Journal. 2015;9:81-93.

Vila-Rigat R, Panadès Valls R, Hernandez Huet E, Sivecas Maristany J, Blanché Prat X, Muñoz-Ortiz L, Torán Monse-rrat P, Rabell Santacana V. Prevalence of Work-Related Asthma and its Impact in Primary Health Care. Archivos de bronconeumología. 2015 Sep; 51(9):449-55. doi:10.1016/j.arbres.2014.08.010. Epub 2014 Oct 23. PMID:25446866. **FI: 1,823**

Indicators

Researchers with PhD	1
Total number of projects in which group members have participated	4
Total number of projects in which the PI of the project has belonged to the group	2
Total Funding	15.000,00 €
Scientific publications in indexed journals	2
Total Impact factor	4,09
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	1
Q2 IF	2,271

Research Group: MPOC-BCN (Respiratory Diseases in Primary Care)

The research group is made up of health professionals belonging to primary health care service centres in Barcelona's Eixample Dreta and the pneumological service of the Hospital Sant Pau. It includes doctors and nurses from primary health care, specialised health care and the rehabilitation service. The group emerged as a consequence of the need to adequately coordinate the available health resources and to establish uniformity and consensus for the activities of the different levels of health care involved in its handling. It originated with the creation of the COPD Process, a multidisciplinary program joining primary and hospital care for the improved treatment of COPD.

The group's objective, therefore, is to improve care of respiratory diseases through research into health services and applied clinical research (organisational management models, coordination between health care levels, reduction of variability) in order to improve the handling of these patients and their clinical results.

Lines: Improved care of respiratory diseases in primary health care.

Group Leader

Llauger Rosselló, Maria Antònia



Researchers

Álvarez Álvarez, Sílvia
Aoiz Linares, J. Ignacio
Argemi Saburit, Nuria
Bolíbar Ribas, Ignasi
Dominguez Olivera, Leandra
Feijoo Rodriguez, M Victoria
Flor Escriche, Xavier
Fraga Martinez, M. Mar
Freixas Laporta, Montserrat
Giner Donaire, Jordi
Juvanteny Gorgals, Joan
Lamarca Fornell, Laia
Mas Pujol, Montserrat
Mayos Perez, Mercè
Medrano Medrano, Casimira
Ostiz Zubieta, Fabián
Pajares Ruiz, Virginia
Pedro Pijoan, Ana Maria
Peiró Fàbregas, Meritxell
Plaza Moral, Vicente
Pou Giménez, Maria Antònia
Solanes García, Ingrid
Valero Garcia, Carles
Valverde Trillo, Pepi

The group participates in the following projects

- IP:** Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2015 - 2018
- IP:** Verdú Rotellar, José María. *Estratificación pronóstica de la insuficiencia cardiaca descompensada en atención primaria: Estudio HEFESTOS*. Funding: Instituto de Salud Carlos III. Duration: 2015 - 2018
- IP:** Duarte Salles, Talita. *Validació dels diagnòstics de càncer a SIDIAP*. Funding: IDIAP Jordi Gol. Duration: 2015 - 2017
- IP:** Prieto Alhambra, Daniel. *European Program of Post-Authorisation Safety Studies for Protelos®/Osseor® through EU-ADR Alliance*. Funding: Synapse Research Management Partners, S.L. Duration: 2014 - 2017
- IP:** Simonet Aineto, Pere Josep. *Factores predictivos de ingreso hospitalario en las exacerbaciones de EPOC tratadas inicialmente en Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2017
- IP:** Flor Escriche, Xavier. *PAquete Mínimo para el Asma (PAMA). Abordaje desde Atención Primaria*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2017
- IP:** Martin Cantera, Carlos. *Característiques diferencials dels diabètics fumadors respecte els no fumadors a Atenció Primària*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Ramon Rona, Silvia. *Efectivitat del tractament amb ones de xoc i exercici específic en el síndrome subacromial comparat amb només exercici*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Ostiz Zubieta, Fabián. *Efectivitat del tractament amb ones de xoc. Assaig clínic aleatoritzat*. Funding: ICS - Institut Català de la Salut. Duration: 2015 - 2016
- IP:** Boix de la Casa, Carme. *Ensayo clínico aleatorizado controlado sobre la efectividad del programa de paciente experto en atención primaria en el control de la diabetes mellitus tipo 2*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2013 - 2016
- IP:** Ostiz Zubieta, Fabián. *Avaluació de la eficàcia de la neuroestimulació del nervi tibial en el síndrome de l'intestí irritable. Estudi clínic, prospectiu i aleatoritzat*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** García Gil, Maribel. *Avaluació d'una intervenció del dolor d'esquena des de l'Atenció Primària: programa d'educació sanitària en l'àmbit escolar*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Aoiz Linares, J. Ignacio. *Estudio DETEPOC: Detección precoz de enfermedad pulmonar obstructiva crónica*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Balcells Vilarnau, Ligeia. *Avaluació d'una intervenció del dolor d'esquena des de l'Atenció Primària: programa d'educació sanitària en l'àmbit escolar*. Funding: ICS - Institut Català de la Salut. Duration: 2014 - 2015
- IP:** Díaz Gete, Laura. *Efectividad de una intervención con seguimiento por correo electrónico del abandono sostenido del tabaquismo (Estudio TABATIC). Ensayo clínico aleatorizado controlado multicéntrico*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

The group participates in the following articles

Agustí A, Antó JM, Auffray C, Barbé F, Barreiro E, Dorca J, Escarrabill J, Faner R, Furlong LI, Garcia-Aymerich J, Gea J, Lindmark B, Monsó E, Plaza V, Puhan MA, Roca J, Ruiz-Manzano J, Sampietro-Colom L, Sanz F, Serrano L, Sharpe J, Sibila O, Silverman EK, Sterk PJ, Sznajder JI. Personalized respiratory medicine: exploring the horizon, addressing the issues. Summary of a BRN-AJRCCM workshop held in Barcelona on June 12, 2014. American journal of respiratory and critical care medicine. 2015 Feb; 191(4):391-401. doi:10.1164/rccm.201410-1935PP. pmc:PMC4351599. PMID:25531178.

FI: 12,996

Benítez Camps M, Cerain Herrero MJ, de Miguel Llorente N, Martorell Sole E, Flores Mateo G, Pedro Pijoan AM, Murillo-Huapaya C. Tamsulosin efficacy and safety for conservative management of renal colic: systematic review and meta-analysis of randomized controlled trials. Medicina clínica. 2015 Sep; 145(6):239-47. doi:10.1016/j.med-cli.2015.01.029. Epub 2015 May 14. Spanish. PMID:25982524. **FI: 1,417**

Castillo D, Burgos F, Guayta R, Giner J, Lozano P, Estrada M, Soriano JB, Flor X, Barau M, Casan P. Airflow obstruction case finding in community-pharmacies: a novel strategy to reduce COPD underdiagnosis. Respiratory medicine. 2015 Apr; 109(4):475-82. doi:10.1016/j.rmed.2015.02.009. pii:S0954-6111(15)00052-9. PMID:25754101. **FI: 3,086**

Escarrabill J, Torrente E, Esquinas C, Hernández C, Monsó E, Freixas M, Almagro P, Tresserras R; en nombre del equipo del Plan Director de las Enfermedades del Aparato Respiratorio (PDMAR) y del grupo colaborador del proyecto MAG-I. Clinical audit of patients hospitalized due to COPD exacerbation. MAG-I Study. Archivos de bronconeumología. 2015 Oct; 51(10):483-9. doi:10.1016/j.arbres.2014.06.023. Epub 2014 Nov 03. PMID:25447590. **FI: 1,823**

Juventeny J, Llauger MA, Simonet PJ, Villafañila R. Patología respiratoria. [Article revisió]. AMF-Actualización en Medicina de Familia. 2015;11(3):168-176.

Indicators

Researchers with PhD	4
Total number of projects in which group members have participated	16
Total number of projects in which the PI of the project has belonged to the group	4
Total Funding	605.276,11 €
Scientific publications in indexed journals	4
Total Impact factor	19,32
Nº of articles in Q1 journals	1
Q1 IF	12,996
Nº of articles in Q2 journals	2
Q2 FI	4,503

Research Group: OMRA (Observatory for the study of asbestos-related illnesses)

The observatory is made up of doctors from five specialties – family medicine, epidemiology, pneumology, occupational medicine and preventive medicine – who come from primary health care in the health region of Metropolitan North Vallès, the Catalan Institute for Medical Evaluation, and the hospitals of Vall d'Hebron and Parc Taulí.

Its objective is double: on one hand, it aims to create an observatory to make an accurate protocol based record of information of people with asbestos related diseases, irrespective of whether they are alive or not, with the condition that the information available for these people be valid, reliable and confidential, so that from it a guide to clinical practice may be created. On the other hand, it aims to develop instruments for the early detection of asbestos related diseases, and approach strategies for these patients coordinated between primary and specialised health care and taking into account both therapeutic aspects and integrated attention of patients and their families.

Lines: Asbestos related diseases: information, prevention and early detection, health care, therapy, socio-health care and training.

Group Leader

Abós Herrándiz, Rafael



Researchers

Albertí Casas, Constança
García Allas, Isabel
Grimau Malet, Isidre
Krier Günther, Ilona
Martínez Artés, Xavier
Orriols Martínez, Ramon
Rosell Murphy, Magdalena
Tarrés Olivella, Josep

The group participates in the following projects

IP: Bolívar Ribas, Bonaventura. *Efectividad de una intervención para mejorar la adecuación de la indicación de hipolipemiantes en prevención primaria: ensayo clínico aleatorizado*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2016

The group participates in the following articles

Rosell-Murphy M, Rodríguez-Blanco T, Morán J, Pons-Vigués M, Elorza-Ricart JM, Rodríguez J, Pareja C, Nuin MÁ, Bolívar B. Variability in screening prevention activities in primary care in Spain: a multilevel analysis. BMC public health. 2015 ; 15:473. doi:10.1186/s12889-015-1767-5. pii:10.1186/s12889-015-1767-5. pmc:PMC4440275. PMID:25947302. **FI: 2,264**

Indicators

Researchers with PhD	3
Total number of projects in which group members have participated	1
Total number of projects in which the PI of the project has belonged to the group	
Total Funding	37.699,00 €
Scientific publications in indexed journals	1
Total Impact factor	2,26
Nº of articles in Q1 journals	0
Q1 IF	
Nº of articles in Q2 journals	1
Q2 IF	2,264

9. Production not Included in Research Groups

9.1 Articles

Agustí Escasany A, Rodríguez D. Biosimilars: current reality, promising future? *Med Clin (Barc)*. 2015;1(145):18-20. doi:10.1016/j.medcli.2015.03.006. PMID:25978924. **FI: 1.417**

Aller MB, Vargas I, Coderch J, Calero S, Cots F, Abizanda M, Farré J, Llopart JR, Colomé L, Vázquez ML. Development and testing of indicators to measure coordination of clinical information and management across levels of care. *BMC health services research*. 2015 ; 15:323. doi:10.1186/s12913-015-0968-z. pii:10.1186/s12913-015-0968-z. pmc:PMC4535786. PMID:26268694. **FI: 1.712**

Alonso N, Traveset A, Rubinat E, Ortega E, Alcubierre N, Sanahuja J, Hernández M, Betriu A, Jurjo C, Fernández E, Mauricio D. Type 2 diabetes-associated carotid plaque burden is increased in patients with retinopathy compared to those without retinopathy. *Cardiovascular diabetology*. 2015; 14:33. doi:10.1186/s12933-015-0196-1. pii:s12933-015-0196-1. pmc:PMC4389661. PMID:25856787. **FI: 4.015**

Alonso-Fernández M, Mancera-Romero J, Mediavilla-Bravo JJ, Comas-Samper JM, López-Simarro F, Pérez-Unanua MP, Iturralde-Iriso J; Work Group of Diabetes SEMERGEN (Sociedad Española de Médicos de Atención Primaria). Glycemic control and use of A1c in primary care patients with type 2 diabetes mellitus. *Primary care diabetes*. 2015 Oct; 9(5):385-91. doi:10.1016/j.pcd.2015.01.006. Epub 2015 Feb 14. PMID:25686480. **FI: 1.325**

Álvarez-García J, Ferrero-Gregori A, Puig T, Vázquez R, Delgado J, Pascual-Figal D, Alonso-Pulpón L, González-Juanatey JR, Rivera M, Worner F, Bardají A, Cinca J; investigators of the Spanish Heart Failure Network (RED-INSOR). A simple validated method for predicting the risk of hospitalization for worsening of heart failure in ambulatory patients: the Redin-SCORE. *Eur J Heart Fail*. 2015 Aug;17(8):818-27. doi: 10.1002/ehfj.287. Epub 2015 May 23. PubMed PMID: 26011392.

Assi N, Fages A, Vineis P, Chadeau-Hyam M, Stepien M, Duarte-Salles T, Byrnes G, Boumaza H, Knüppel S, Kühn T, Palli D, Bamia C, Boshuizen H, Bonet C, Overvad K, Johansson M, Travis R, Gunter MJ, Lund E, Dossus L, Elena-Herrmann B, Riboli E, Jenab M, Viallon V, Ferrari P. A statistical framework to model the meeting-in-the-middle principle using metabolomic data: application to hepatocellular carcinoma in the EPIC study. *Mutagenesis*. 2015 Nov; 30(6):743-53. doi:10.1093/mutage/gev045. Epub 2015 Jun 30. PMID:26130468. **FI: 2.793**

Astier-Peña MP, Torijano-Casalengua ML, Olivera-Cañadas G, Silvestre-Busto C, Agra-Varela Y, Maderuelo-Fernández JA. Are Spanish primary care professionals aware of patient safety?. *European journal of public health*. 2015 Oct; 25(5):781-7. doi:10.1093/eurpub/ckv066. Epub 2015 Apr 04. PMID:25842381. **FI: 2.591**

Becker D, Kikuchi Y, Simmons A, Kragh H, Serrano E. Reviews. *Ambix*. 2015 May; 62(2):193-201. doi:10.1179/0002698015Z.00000000080. PMID:26309200. **FI: 0.536**

Benítez Camps M, Egocheaga Cabello MI, Dalfó Baqué A, Bajo García J, Vara González L, Sanchis Doménech C, Martín Rioboo E, Ureña Fernández T, Domínguez Sardiña M, Bonet Pla A. Knowledge level of hypertensive patients about hypertension. Relationship between knowledge level and hypertension control. *Hipertensión y riesgo vascular*. 2015 Jan-Mar; 32(1):12-20. doi:10.1016/j.hipert.2014.06.003. pii:S1889-1837(14)00063-4. PMID:26179853.

Benito L, Coll-Vinent B, Gómez E, Martí D, Mitjavila J, Torres F, Miró Ò, Sisó A, Mont L. EARLY: a pilot study on early diagnosis of atrial fibrillation in a primary healthcare centre. *Europace : European pacing, arrhythmias, and cardiac electrophysiology: journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*. 2015 Nov; 17(11):1688-93. doi:10.1093/europace/euv146. Epub 2015 Jun 11. PMID:26071233. **FI: 3.670**

Berlanga Fernández S, Solà Pola MM, Fabrellas-Padrgs N, Berlanga Fernández F. Tutors and nursing students with focus on primary care. *Revista de enfermería (Barcelona, Spain)*. 2015 Sep; 38(9):44-8. Spanish. PMID:26738232.

Borrell F, Sobrino A, Bosch JM, Quesada F. 25 Years of health & communication. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 Jan; 47(1):3-6. doi:10.1016/j.aprim.2014.12.001. pii:S0212-6567(14)00400-4. PMID:25616550. **FI: 0.953**

Bóveda-Fontán J, Barragán-Brun N, Campiñez-Navarro M, Pérula-de Torres LÁ, Bosch-Fontcuberta JM, Martín-Álvarez R, Arbonies-Ortiz JC, Novo-Rodríguez JM, Criado-Larumbe M, Fernández-García JA, Martín-Rioboo E. Effectiveness of motivational interviewing in patients with dyslipidemia: a randomized cluster trial. *BMC family practice*. 2015; 16(1):151. doi:10.1186/s12875-015-0370-2. pii:10.1186/s12875-015-0370-2. pmc:PMC4620004. PMID:26498221. **FI: 1.669**

- Bowie P, Ferguson J, Price J, Frigola E, Kosiek K, Verstappen W, McKay J. Measuring system safety for laboratory test ordering and results management in primary care: international pilot study. *Quality in primary care*. 2015 ; 22(5):245-8. PMID:25897545.
- Bravo M, Casals E. The healthcare system and the provision of oral healthcare in European Union member states. Part 2: Spain. *Bol Inf Dental*. 2015;107:94-103.
- Bravo M, Martín LS, Casals E, Eaton KA, Widström E. The healthcare system and the provision of oral healthcare in European Union member states. Part 2: Spain. *British dental journal*. 2015 Dec; 219(11):547-51. doi:10.1038/sj.bdj.2015.922. pii:sj.bdj.2015.922. PMID:26657443. **FI: 1.082**
- Brotos C, Benamouzig R, Filipiak KJ, Limmroth V, Borghi C. A systematic review of aspirin in primary prevention: is it time for a new approach? *Am J Cardiovasc Drugs*. 2015 Apr; 15(2):113-33. doi:10.1007/s40256-014-0100-5. pmc:PMC4383813. PMID:25502483. **FI: 2.422**
- Cacicedo J, Fernandez I, Del Hoyo O, Dolado A, Gómez-Suarez J, Hortelano E, Sancho A, Pijoan JI, Alvarez J, Espinosa JM, Gaafar A, Bilbao P. Should PET/CT be implemented in the routine imaging work-up of locally advanced head and neck squamous cell carcinoma? A prospective analysis. *European journal of nuclear medicine and molecular imaging*. 2015 Aug; 42(9):1378-89. doi:10.1007/s00259-015-3071-0. PMID:25952280. **FI: 5.383**
- Callau C, Lejeune M, Korzynska A, García M, Bueno G, Bosch R, Jaén J, Orero G, Salvadó T, López C. Evaluation of cytokeratin-19 in breast cancer tissue samples: a comparison of automatic and manual evaluations of scanned tissue microarray cylinders. *Biomedical engineering online*. 2015 Aug; 14 Suppl 2:S2. doi:10.1186/1475-925X-14-S2-S2. pii:1475-925X-14-S2-S2. pmc:PMC4547150. PMID:26329009. **FI: 1.427**
- Canadell D. Lo que interesa saber al pediatra de Atención Primaria sobre los países pobres. Introducción a la cooperación. *Acta pediatri. esp*. 2015;8(4):154-174.
- Canadell D. Patología importada por el niño viajero. *Rev Pediatr aten primaria*. 2015;16:199-203.
- Canadell D. Salud en el mundo y objetivos del milenio [Editorial]. *Rev Pediatr aten primaria*. 2015;16:199-203.
- Capdevila A, Lafarga MA, Pérez J. Dermatitis purpúrica pigmentada de Gougerot a raíz de un caso. *FMC. Formación Médica Continuada en Atención Primaria*. 2015;22(7):405-406.
- Capdevila J, Sevilla I, Alonso V, Antón Aparicio L, Jiménez Fonseca P, Grande E, Reina JJ, Manzano JL, Alonso Lájara JD, Barriuso J, Castellano D, Medina J, López C, Segura Á, Carrera S, Crespo G, Fuster J, Munarriz J, García Alfonso P. Evaluation of the efficacy and safety of lanreotide in combination with targeted therapies in patients with neuroendocrine tumours in clinical practice: a retrospective cross-sectional analysis. *BMC cancer*. 2015 ; 15:495. doi:10.1186/s12885-015-1512-6. pii:10.1186/s12885-015-1512-6. pmc:PMC4490650. PMID:26138480. **FI: 3.362**
- Carbonell-Abella C, Pages-Castella A, Javaid MK, Nogues X, Farmer AJ, Cooper C, Diez-Perez A, Prieto-Alhambra D. Early (1-year) Discontinuation of Different Anti-osteoporosis Medications Compared: A Population-Based Cohort Study. *Calcified tissue international*. 2015 Dec; 97(6):535-41. doi:10.1007/s00223-015-0040-3. Epub 2015 Jul 23. PMID:26202819. **FI: 3.272**
- Carratala-Munuera C, Gil-Guillen VF, Orozco-Beltran D, Maiques-Galan A, Lago-Deibe F, Lobos-Bejarano JM, Brotos-Cuixart C, Martin-Rioboo E, Alvarez-Guisasola F, Lopez-Pineda A. Barriers to improved dyslipidemia control: Delphi survey of a multidisciplinary panel. *Family practice*. 2015 Dec; 32(6):672-80. doi:10.1093/fampra/cmz038. Epub 2015 Jun 18. PMID:26089296. **FI: 1.861**
- Coll-Planas L, Del Valle Gómez G, Bonilla P, Masat T, Puig T, Monteserin R. Promoting social capital to alleviate loneliness and improve health among older people in Spain. *Health & social care in the community*. 2015 Oct; doi:10.1111/hsc.12284. PMID:26427604.
- Contel J, Roig M, Anton M, Pelaez J. Sobreús d'antipsicòtics i medicalització dels trastorns mentals. *Butlletí e-farma Regió Sanitària Barcelona*. 2015;març:1-11.
- Contel JC, Ledesma A, Blay C, Mestre AG, Cabezas C, Puigdollers M, Zara C, Amil P, Sarquella E, Constante C. Chronic and integrated care in Catalonia. *International journal of integrated care*. 2015 Apr-Jun; 15:e025. pmc:PMC4491324. PMID:26150763.
- Cortés J, Casals M, Langohr K, González JA. Importance of statistical power and hypothesis in P value. *Medicina clínica*. 2016 Feb; 146(4):178-81. doi:10.1016/j.medcli.2015.10.011. Epub 2015 Dec 09. Spanish. PMID:26683078. **FI: 1.417**
- Cuixart L, Fuentes S, Gallardo MJ. Palpitaciones. *AMF-Actualización en Medicina de Familia*. 2015;11(1):24-39.

Culliford D, Maskell J, Judge A, Cooper C, Prieto-Alhambra D, Arden NK. Future projections of total hip and knee arthroplasty in the UK: results from the UK Clinical Practice Research Datalink. Osteoarthritis and cartilage / OARS, Osteoarthritis Research Society. 2015 Apr; 23(4):594-600. doi:10.1016/j.joca.2014.12.022. pii:S1063-4584(14)01396-X. PMID:25579802. **FI: 4.165**

Dalfó Pibernat A, Dalfó Pibernat E, Pelegrina Rodríguez FJ, Rosell Vidal J. The important role of nursing in primary care exploring knowledge about human immunodeficiency virus and other sexually transmitted diseases in adolescents. The Journal of adolescent health: official publication of the Society for Adolescent Medicine. 2015 Jun; 56(6):681-2. doi:10.1016/j.jadohealth.2015.03.007. pii:S1054-139X(15)00114-7. PMID:26003586. **FI: 3.612**

Dalfó Pibernat A, Dalfó-Baqué A, Pelegrina Rodríguez FJ. Nursing, chronotherapeutics and ambulatory blood pressure: commentary on Cheng M et al. (2014) The effect of continuous nursing intervention guided by chronotherapeutics on ambulatory blood pressure of older hypertensive patients in the community. Journal of Clinical Nursing. doi: 10.1111/jocn.12502. Journal of clinical nursing. 2015 Mar; 24(5-6):880-1. doi:10.1111/jocn.12679. PMID:25712413. **FI: 1.255**

Dalfó Pibernat A, Pelegrina Rodríguez FJ, Dalfó Pibernat E, Rosell Vidal J, Rosell Vidal J. Is sexual health an issue in nursing education? European journal of cardiovascular nursing: journal of the Working Group on Cardiovascular Nursing of the European Society of Cardiology. 2015 Dec; 14(6):466-7. doi:10.1177/1474515115586710. Epub 2015 May 07. PMID:25952056. **FI: 1.876**

Dalfó-Pibernat A. Nurse prescribing in primary care: greater autonomy and perceived professional identity. Enfermería clínica. 2015 Mar-Apr; 25(2):100-1. doi:10.1016/j.enfcli.2014.11.002. pii:S1130-8621(14)00147-8. PMID:25630221.

Darba J, Ramírez G, Sicras-Mainar A, Francoli-Martínez P, Torvinen S, Sánchez-de la Rosa R. The Importance of Inhaler Devices: An Incorrect Inhaler Technique Leads to Suboptimal Medication Compliance In Patients With Copd. Value in health: the journal of the International Society for Pharmacoeconomics and Outcomes Research. 2015 Nov; 18(7):A362. doi:10.1016/j.jval.2015.09.703. pii:S1098-3015(15)02779-5. PMID:26532048. **FI: 3.279**

Darba J, Ramírez G, Sicras-Mainar A, Garcia-Bujalance L, Torvinen S, Sánchez-de la Rosa R. Identification of Factors Involved In Medication Compliance: Incorrect Inhaler Technique of Asthma Treatment Leads to Poor Compliance. Value in health: the journal of the International Society for Pharmacoeconomics and Outcomes Research. 2015 Nov; 18(7):A362-3. doi:10.1016/j.jval.2015.09.706. pii:S1098-3015(15)02782-5. PMID:26532049. **FI: 3.279**

de Pablo Márquez B, Pedrazas López D, Alins Presas J, García Font D. Tuberculoma. Semergen. 2016 Mar; 42(2):138-9. doi: 10.1016/j.semerg.2015.03.001. Epub 2015 Apr 16. Spanish. PubMed PMID: 25891488.

Dorado L, Arenillas JF, López-Cancio E, Hernández-Pérez M, Pérez de la Ossa N, Gomis M, Millán M, Granada ML, Galán A, Palomeras E, Dávalos A. Metabolic Syndrome Predicts Refractoriness to Intravenous Thrombolysis in Acute Ischemic Stroke. Journal of stroke and cerebrovascular diseases: the official journal of National Stroke Association. 2015 Nov; 24(11):2605-12. doi:10.1016/j.jstrokecerebrovasdis.2015.07.015. pii:S1052-3057(15)00401-2. PMID:26363707. **FI: 1.669**

Driessen JH, Henry RM, van Onzenoort HA, Lalmohamed A, Burden AM, Prieto-Alhambra D, Neef C, Leufkens HG, de Vries F. Bone fracture risk is not associated with the use of glucagon-like peptide-1 receptor agonists: a population-based cohort analysis. Calcified tissue international. 2015 Aug; 97(2):104-12. doi:10.1007/s00223-015-9993-5. Epub 2015 Apr 17. pmc:PMC4491344. PMID:25894068. **FI: 3.272**

Duran E, Mosquera M, Ruiz C, Bandrés F, Campos F, Castanyer B, Farré C, Izquierdo F, Llorente E, To-Figueras J, Ventura S, Queraltó J. Desoxipripradol. Farmacos antiguos, problemas nuevos. Revista del Laboratorio Clínico. 2015;8(8):29-38

Escudero JM. Insuficiencia renal aguda en paciente hipertenso. FMC. Formación Médica Continuada en Atención Primaria. 2015;22:115-116.

Fabra A, Pablos E, Herranz M. Amiloidosis primaria: ¿pensamos en ella?. Revista Digital de medicina general y de familia. 2015;33:01-03.

Fabrellas N, Juvé E, Solà M, Aurín E, Berlanga S, Galimany J, Berenguer L, Pujol MC, Lacuesta S, Villos MC, Torres M. A Program of Nurse Management for Unscheduled Consultations of Children With Acute Minor Illnesses in Primary Care. Journal of nursing scholarship: an official publication of Sigma Theta Tau International Honor Society of Nursing / Sigma Theta Tau. 2015 Nov; 47(6):529-35. doi:10.1111/jnu.12169. PMID:26473991. **FI: 1.636**

- Fages A, Duarte-Salles T, Stepien M, Ferrari P, Fedirko V, Pontoizeau C, Trichopoulou A, Aleksandrova K, Tjønneland A, Olsen A, Clavel-Chapelon F, Boutron-Ruault MC, Severi G, Kaaks R, Kuhn T, Floegel H, Lagiou P, Bamia C, Trichopoulos D, Palli D, Pala V, Panico S, Tumino R, Vineis P, Bueno-de-Mesquita HB, Peeters PH, Weiderpass E, Agudo A, Molina-Montes E, Huerta JM, Ardanaz E, Dorronsoro M, Sjöberg K, Ohlsson B, Khaw KT, Wareham N, Travis RC, Schmidt JA, Cross A, Gunter M, Riboli E, Scalbert A, Romieu I, Elena-Herrmann B, Jenab M. Metabolomic profiles of hepatocellular carcinoma in a European prospective cohort. *BMC medicine*. 2015; 13:242. doi:10.1186/s12916-015-0462-9. Epub 2015 Sep 23. pmc:PMC4581424. PMID:26399231. **FI: 7.249**
- Fernández A, Fora M. Cómo se recogen y para qué sirven las muestras de heces en el diagnóstico de laboratorio. *Butlletí de la CAMFIC*. 2015;2:82-86.
- Fernandez-Gonzalo S, Turon M, Jodar M, Pousa E, Hernandez Rambla C, García R, Palao D. A new computerized cognitive and social cognition training specifically designed for patients with schizophrenia/schizoaffective disorder in early stages of illness: A pilot study. *Psychiatry research*. 2015 Aug; 228(3):501-9. doi:10.1016/j.psychres.2015.06.007. pii:S0165-1781(15)00350-9. PMID:26163731. **FI: 2.467**
- Fernández-Liz E, Ortí Segarra C, Garrido Mesas I. Atención primaria / Sociedad Española de Medicina de Familia y Comunitaria. 2015 Jun-Jul; 47(6):389-91. doi:10.1016/j.aprim.2014.09.006. Epub 2014 Nov 14. Spanish. PMID:25454851. **FI: 0.953**
- Frigola-Capell E, Pareja-Rossell C, Gens-Barber M, Oliva-Oliva G, Alava-Cano F, Wensing M, Davins-Mirallès J. Quality indicators for patient safety in primary care. A review and Delphi-survey by the LINNEAUS collaboration on patient safety in primary care. *The European journal of general practice*. 2015 Sep; 21 Suppl:31-4. doi:10.3109/13814788.2015.1043730. PMID:26339833. **FI: 1.217**
- Galofré C. Deixar de fumar amb twitter. *Revista Àgora d'Infermeria*. 2015;44:182.
- Gámez F, Rodríguez MJ, Tenías JM, García J, Pintado P, Martín R, Pérez R, Ortiz-Quintana L, De León-Luis J. Reference ranges for the pulsatility index of the fetal aortic isthmus in singleton and twin pregnancies. *Journal of ultrasound in medicine: official journal of the American Institute of Ultrasound in Medicine*. 2015 Apr; 34(4):577-84. doi:10.7863/ultra.34.4.577. pii:34/4/577. PMID:25792572. **FI: 1.535**
- García D, de Pablo B, Pedrazas D, Díaz F. Lactant de 9 mesos amb lessió perianal. *Pediatría Catalana*. 2015;75(4):165-166.
- García D, de Pablo B, Pedrazas D. Aplasia cutis congénita. *Pediatría de Atención Primaria*. 2015;17(68):357-360.
- García D, de Pablo B, Pedrazas D. Pitiriasis rosada de Gibert en paciente de raza negra. *Pediatría de Atención Primaria*. 2015;17(66):155e-156e.
- Giménez M, Sanfeliu I, Sierra M, Dopico E, Juncosa T, Andreu A, Lite J, Guardiola C, Sánchez F, Bosch J. Group B streptococcal early-onset neonatal sepsis in the area of Barcelona (2004-2010). Analysis of missed opportunities for prevention. *Enfermedades infecciosas y microbiología clínica*. 2015 Aug-Sep; 33(7):446-50. doi:10.1016/j.eimc.2014.10.015. Epub 2014 Dec 23. Spanish. PMID:25541009. **FI: 2.172**
- Godoy P, Castilla J, Mayoral JM, Martín V, Astray J, Torner N, Toledo D, Soldevila N, González-Candelas F, García S, Díaz-Borrego J, Tamames S, Domínguez A. Influenza vaccination of primary healthcare physicians may be associated with vaccination in their patients: a vaccination coverage study. *BMC family practice*. 2015 ; 16:44. doi:10.1186/s12875-015-0259-0. pii:10.1186/s12875-015-0259-0. pmc:PMC4389995. PMID:25880501. **FI: 1.669**
- González R, Campins M, Vilca LM. Cobertura de vacunación antigripal en niños con condiciones de riesgo en Cataluña. *Enferm Infecc Microbiol Clin*. 2015;33(1):22-26. PMID:24556268. **FI: 2.172**
- González V, Fernández G, Dopico E, Margall N, Esperalba J, Muñoz C, Castro E, Sulleiro E, Matas L. Evaluation of the Vitros Syphilis TPA Chemiluminescence Immunoassay as a First-Line Method for Reverse Syphilis Screening. 2015;53(4):1361-4. *J Clin Microbiol*. 2015;53(4):1361-1364. PMID:25609729. **FI: 3.993**
- Iglesias V, de Groot NS, Ventura S. Computational analysis of candidate prion-like proteins in bacteria and their role. *Frontiers in microbiology*. 2015; 6:1123. doi:10.3389/fmicb.2015.01123. pmc:PMC4606120. PMID:26528269. **FI: 3.989**
- Jiménez-Ruiz CA, Solano-Reina S, Signes-Costa J, de Higes-Martínez E, Granda-Orive JI, Lorza-Blasco JJ, Riesco-Miranda JA, Altet-Gomez N, Barrueco M, Oyangüez I, Rojas J. Budgetary impact analysis on funding smoking-cessation drugs in patients with COPD in Spain. *International journal of chronic obstructive pulmonary disease*. 2015 ; 10:2027-36. doi:10.2147/COPD.S87597. pii:copd-10-2027. pmc:PMC4590338. PMID:26451100.
- Jorge C, Vena AB, Espino A. Fractura d'odontoides en l'ancià. [Cas clínic]. *Butlletí de la Medicina de Família a Catalunya*. 2015;33:1-1.

- Juanola-Falgarona M, Salas-Salvadó J, Buil-Cosiales P, Corella D, Estruch R, Ros E, Fitó M, Recondo J, Gómez-Gracia E, Fiol M, Lapetra J, Lamuela-Raventós RM, Serra-Majem L, Pintó X, Muñoz MA, Ruiz-Gutiérrez V, Alfredo Martínez J, Castro-Quezada I, Bulló M. Dietary Glycemic Index and Glycemic Load Are Positively Associated with Risk of Developing Metabolic Syndrome in Middle-Aged and Elderly Adults. *Journal of the American Geriatrics Society*. 2015 Oct; 63(10):1991-2000. doi:10.1111/jgs.13668. PMID:26480969. **FI: 4.572**
- Juvé-Udina ME, Fabrellas-Padrés N, Delgado-Hito P, Hurtado-Pardos B, Martí-Cavallé M, Gironès-Nogué M, García-Berman RM, Alonso-Fernandez S. Newborn physiological immaturity: a concept analysis. *Advances in neonatal care : official journal of the National Association of Neonatal Nurses*. 2015 Apr; 15(2):86-93. doi:10.1097/ANC.0000000000000162. pii:00149525-201504000-00004. PMID:25822514. **FI: 1.122**
- Lertxundi U, Ruiz AI, Aspiazu MÁ, Domingo-Echaburu S, García M, Aguirre C, García-Moncó JC. Adverse reactions to antipsychotics in Parkinson disease: an analysis of the spanish pharmacovigilance database. *Clinical neuropharmacology*. 2015 May-Jun; 38(3):69-84. doi:10.1097/WNF.0000000000000080. pii:00002826-201505000-00001. PMID:25970275. **FI: 2.009**
- Lip GY, Rushton-Smith SK, Goldhaber SZ, Fitzmaurice DA, Mantovani LG, Goto S, Haas S, Bassand JP, Camm AJ, Ambrosio G, Janský P, Al Mahmeed W, Oh S, van Eickels M, Raatikainen P, Steffel J, Oto A, Kayani G, Accetta G, Kakkar AK;GARFIELD-AF Investigators. Does sex affect anticoagulant use for stroke prevention in nonvalvular atrial fibrillation? The prospective global anticoagulant registry in the FIELD-Atrial Fibrillation. *Circ Cardiovasc Qual Outcomes*. 2015 Mar;8(2 Suppl 1):S12-20. doi: 10.1161/CIRCOUTCOMES.114.001556. Epub 2015 Feb 24. PubMed PMID: 25714828.
- Lobos Bejarano JM, Galve E, Royo-Bordonada MÁ, Alegría Ezquerro E, Armario P, Brotons Cuixart C, Camafort Babkowski M, Cordero Fort A, Maiques Galán A, Mantilla Morató T, Pérez Pérez A, Pedro-Botet J, Villar Álvarez F, González-Juanatey JR. Spanish Interdisciplinary Committee for Cardiovascular Disease Prevention and the Spanish Society of Cardiology Position Statement on Dyslipidemia Management: differences between the European and American Guidelines. *Revista española de salud pública*. 2015 Feb; 89(1):15-26. doi:10.4321/S1135-57272015000100003. pii:S1135-57272015000100003. PMID:25946582.
- López-Corbeto E, González V, Casabona J. Prevalence and re-infection rate of *C. trachomatis* genital infections in young people under 25 years in Catalonia. *Enfermedades infecciosas y microbiología clínica*. 2015 Aug; doi:10.1016/j.eimc.2015.07.011. pii:S0213-005X(15)00286-4. PMID:26304641. **FI: 2.172**
- López-Marina V, Alcolea García R, Ramírez Rueda I, Rama Martínez T, Pizarro Romero G. Bickerstaff encephalitis: A case report. *Semerger / Sociedad Española de Medicina Rural y Generalista*. 2015 Dec; doi:10.1016/j.semerg.2015.10.005. Epub 2015 Dec 29. PMID:26751390.
- López-Pousa S, Bassets G, Montserrat S, de Gracia Blanco M, Hidalgo J, Garré-Olmo J. Sense of Well-Being in Patients with Fibromyalgia: Aerobic Exercise Program in a Mature Forest-A Pilot Study. *Evid Based Complement Alternat Med*. 2015;2015:614783-614783. PMID:26557151. **FI: 1.880**
- Lóriz O. Efectividad de la Terapia Neural en el control del dolor en mujeres con gonartrosis. *Butlletí de la CAMFIC*. 2015;1:1-2.
- Lupón J, Vila J, Bayes-Genis A. Risk prediction tools in patients with heart failure. *JACC. Heart failure*. 2015 Mar; 3(3):267. doi:10.1016/j.jchf.2014.10.010. pii:S2213-1779(14)00537-X. PMID:25742765.
- Mahmud MA, Spigt M, Bezabih AM, Pavon IL, Dinant G-J, Velasco RB (2015) Efficacy of Handwashing with Soap and Nail Clipping on Intestinal Parasitic Infections in School-Aged Children: A Factorial Cluster Randomized Controlled Trial. *PLoS Med* 12(6): e1001837. doi:10.1371/journal.pmed.1001837 **FI: 14.429**
- Marcelino-Rodríguez I, Elosua R, Pérez Mdel C, Fernández-Bergés D, Guembe MJ, Alonso TV, Félix FJ, González DA, Ortiz-Marrón H, Rigo F, Lapetra J, Gavrilá D, Segura A, Fitó M, Peñafiel J, Marrugat J, León AC. On the problem of type 2 diabetes-related mortality in the Canary Islands, Spain. The DARIOS Study. *Diabetes research and clinical practice*. 2016 Jan; 111:74-82. doi:10.1016/j.diabres.2015.10.024. Epub 2015 Oct 23. PMID:26546396. **FI: 2.538**
- Marí-Dell'Olmo M, Martínez-Beneito MÁ. A Multilevel Regression Model for Geographical Studies in Sets of Non-Adjacent Cities. *PloS one*. 2015; 10(8):e0133649. doi:10.1371/journal.pone.0133649. pii:PONE-D-15-10680. pmc:PMC4550405. PMID:26308613. **FI: 3.234**
- Martínez À. La Societat Catalana pel Control i Tractament del Tabaquisme (SCATT). Una societat científica multidisciplinària amb un objectiu comú. *Annals de Medicina*. 2015;98:22-25.

- Martínez-Altarriba MC, Ramos-Campoy O, Luna-Calcaño IM, Arrieta-Antón E. A review of multiple sclerosis (1). Presentation of a case. *Semergen / Sociedad Española de Medicina Rural y Generalista*. 2015 Jul-Aug; 41(5):261-5. doi:10.1016/j.semerg.2014.07.009. Epub 2014 Sep 18. Spanish. PMID:25241121.
- Martínez-Altarriba MC, Ramos-Campoy O, Luna-Calcaño IM, Arrieta-Antón E. A review of multiple sclerosis (2). Diagnosis and treatment]. *Semergen / Sociedad Española de Medicina Rural y Generalista*. 2015 Sep; 41(6):324-8. doi:10.1016/j.semerg.2014.07.011. Epub 2014 Oct 30. Spanish. PMID:25442466.
- Martínez-González MA, Zazpe I, Razquin C, Sánchez-Tainta A, Corella D, Salas-Salvadó J, Toledo E, Ros E, Muñoz MÁ, Recondo J, Gómez-Gracia E, Fiol M, Lapetra J, Buil-Cosiales P, Serra-Majem L, Pinto X, Schröder H, Tur JA, Sorli JV, Lamuela-Raventós RM, Estruch R; PREDIMED GROUP. Empirically-derived food patterns and the risk of total mortality and cardiovascular events in the PREDIMED study. *Clinical nutrition (Edinburgh, Scotland)*. 2015 Oct; 34(5):859-67. doi:10.1016/j.clnu.2014.09.006. Epub 2014 Sep 16. PMID:25304294. **FI: 4.476**
- Mata-Cases M, Artola S, Escalada J, Ezkurra-Loyola P, Ferrer-García JC, Fornos JA, Gírbés J, Rica I; en nombre del Grupo de Trabajo de Consensos y Guías Clínicas de la Sociedad Española de Diabetes. Consensus on the detection and management of prediabetes. Consensus and Clinical Guidelines Working Group of the Spanish Diabetes Society. *Revista clínica española*. 2015 Mar; 215(2):117-29. doi:10.1016/j.rce.2014.10.012. Epub 2014 Dec 29. PMID:25553948. **FI: 1.063**
- Mellibovsky L, Prieto-Alhambra D, Mellibovsky F, Güerri-Fernández R, Nogués X, Randall C, Hansma PK, Díez-Perez A. Bone Tissue Properties Measurement by Reference Point Indentation in Glucocorticoid-Induced Osteoporosis. *Journal of bone and mineral research: the official journal of the American Society for Bone and Mineral Research*. 2015 Sep; 30(9):1651-6. doi:10.1002/jbmr.2497. Epub 2015 Jun 11. PMID:25736591. **FI: 6.832**
- Mendioroz J, Cossio Y. Changes in malaria epidemiology in a rural area of Cubal, Angola. *Malar J*. 2015;10:14-21. PMID:25604647. **FI: 3.109**
- Mira JJ, Carrillo I, Lorenzo S, Ferrús L, Silvestre C, Pérez-Pérez P, Olivera G, Iglesias F, Zavala E, Maderuelo-Fernández JÁ, Vitaller J, Nuño-Solinís R, Astier P. The aftermath of adverse events in Spanish primary care and hospital health professionals. *BMC health services research*. 2015 ; 15:151. doi:10.1186/s12913-015-0790-7. pii:10.1186/s12913-015-0790-7. pmc:PMC4394595. PMID:25886369. **FI: 1.712**
- Mira JJ, Lorenzo S, Carrillo I, Ferrús L, Pérez-Pérez P, Iglesias F, Silvestre C, Olivera G, Zavala E, Nuño-Solinís R, Maderuelo-Fernández JÁ, Vitaller J, Astier P. Interventions in health organisations to reduce the impact of adverse events in second and third victims. *BMC health services research*. 2015 ; 15:341. doi:10.1186/s12913-015-0994-x. pii:10.1186/s12913-015-0994-x. pmc:PMC4546284. PMID:26297015. **FI: 1.712**
- Miró N, Calderó M, Olivart M, Salamanca JC, Rios D, Canes M, Pascual MG. ¿Puede ser la circunferencia de cuello un marcador de síndrome metabólico como lo es el perímetro abdominal? *Avances en diabetología*. 2015;31:179-179.
- Miró N, Florés M, Vilanova B. Disección coronaria espontánea en el posparto. *FMC. Formación Médica Continuada en Atención Primaria*. 2015;22(9):537-538.
- Miró N, Vilanova B, Falguera M, Olivart M, Llardén M, Llovet R, Sánchez V. Medidas antropométricas de la población no diabética. *Avances en diabetología*. 2015;31:167.
- Montero L, Carbonell M, Gil X. Quemaduras tras fotodepilación. *FMC. Formación Médica Continuada en Atención Primaria*. 2015;22:355.
- Montesó-Curto P, García-Martínez M, Gómez-Martínez C, Ferré-Almo S, Panisello-Chavarria ML, Genís SR, Mateu Gil ML, Cubí Guillén MT, Colás LS, Usach TS, Herrero AS, Ferré-Grau C. Effectiveness of Three Types of Interventions in Patients with Fibromyalgia in a Region of Southern Catalonia. *Pain management nursing : official journal of the American Society of Pain Management Nurses*. 2015 Oct; 16(5):642-52. doi:10.1016/j.pmn.2015.01.006. pii:S1524-9042(15)00041-7. PMID:26104223. **FI: 1.529**
- Morral-Parente R. Chronicity and primary care: the role of prison health. *Revista española de sanidad penitenciaria*. 2015 Oct; 17(2):61-4. doi:10.4321/S1575-06202015000200005. pii:S1575-06202015000200005. PMID:26191790.
- Moya D, Ramón S, Guilloff L, Gerdesmeyer L. Current knowledge on evidence-based shockwave treatments for shoulder pathology. *International journal of surgery (London, England)*. 2015 Dec; 24(Pt B):171-8. doi:10.1016/j.ijssu.2015.08.079. Epub 2015 Sep 09. PMID:26361863. **FI: 1.531**
- Oliveras Puig A, Dalfó-Pibernat A, Jdíd Rosàs N, Mayor Isaac E, Pérez-Romero L, Gibert Llorach E, Dalfó-Baqué A. Determination of arm circumference for correct measurement of blood pressure. Results of an intervention study. *Hipertension y riesgo vascular*. 2015 Jan-Mar; 32(1):6-11. doi:10.1016/j.hipert.2014.09.001. pii:S1889-1837(14)00071-3. PMID:26179852.

- Overbeek JA, Heintjes EM, Hall GC, Lapi F, Prieto Alhambra D, Bezemer ID. Factors Associated with T2DM Treatment Choice Across Europe. *Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research*. 2015 Nov; 18(7):A600. doi:10.1016/j.jval.2015.09.2057. pii:S1098-3015(15)04133-9. PMID:26533368. **FI: 3.279**
- Pedrazas D, de Pablo B, Garcia D, Díaz FX. Pneumatocele. [Carta al director]. *Semergen*. 2015;42(1):69-70. doi: 10.1016/j.semerg.2015.01.012. Epub 2015 Feb 27. pii: S1138-3593(15)00043-X. PubMed PMID: 25728962.
- Pedrazas D, de Pablo B, Garcia D. Vesícula biliar en gorro frigio. *FMC. Formación Médica Continuada en Atención Primaria*. 2015;22(9):538.
- Pena M, Olivart M, Salamana JC, Rios D, Miró N, Rodríguez M, Llardén M. ¿Existe relación entre la diabetes y el hábito tabáquico? *Avances en diabetología*. 2015;31:182.
- Pérez MJ. Information and communication technologies for approaching smokers: a descriptive study in primary healthcare. *BMC Public Health*. 2015;15:2-2. PMID:6259790. **FI: 2.264**
- Perez R. Promoviendo la confidencialidad con el menor en Atención Primaria: El arte del Funambulismo. *FMC. Formación Médica Continuada en Atención Primaria*. 2015;22(3):152-157.
- Pérez-Mañá C, Farré M, Pujadas M, Mustata C, Menoyo E, Pastor A, Langohr K, de la Torre R. Ethanol induces hydroxytyrosol formation in humans. *Pharmacological research*. 2015 May-Jun; 95-96:27-33. doi:10.1016/j.phrs.2015.02.008. pii:S1043-6618(15)00031-6. PMID:25801942. **FI: 4.408**
- Piñol S, Sala A, Guzman C, Marcos S, Joya X, Puig C, Velasco M, Velez D, Vall O, Garcia-Algar O. Arsenic levels in immigrant children from countries at risk of consuming arsenic polluted water compared to children from Barcelona. *Environmental monitoring and assessment*. 2015 Nov; 187(11):661. doi:10.1007/s10661-015-4869-8. pii:10.1007/s10661-015-4869-8. PMID:26431705. **FI: 1.679**
- Porta S, Capdevila A, Espino A. Penfigoide ampolloso. *FMC. Formación Médica Continuada en Atención Primaria*. 2015;22(8):455-456.
- Puig G, Marrodan E. La incontinença urinària versus els hipopressius a l'ABS de La Vall del Tenes. *Agora de enfermeria*. 2015;19:01-04.
- Quijada Y, Kwapił TR, Tizón J, Sheinbaum T, Barrantes-Vidal N. Impact of attachment style on the 1-year outcome of persons with an at-risk mental state for psychosis. *Psychiatry research*. 2015 Aug; 228(3):849-56. doi:10.1016/j.psychres.2015.05.013. Epub 2015 May 19. PMID:26032461. **FI: 2.467**
- Raurell-Torredà M, Romero-Collado À. Simulation-Based Learning as a Tactic for Teaching Evidence-Based Practice. *Worldviews on evidence-based nursing / Sigma Theta Tau International, Honor Society of Nursing*. 2015 Dec; 12(6):392-4. doi:10.1111/wvn.12107. Epub 2015 Aug 11. PMID:26264827. **FI: 2.381**
- Roca Saumell C, Soriano-Arandes A, Solsona Díaz L, Gascón Brustenga J. Consensus document for the detection and management of Chagas disease in primary health care in a non-endemic areas. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 May; 47(5):308-17. doi:10.1016/j.aprim.2015.01.002. pii:S0212-6567(15)00005-0. PMID:25704793. **FI: 0.953**
- Rodríguez-Arias JJ, Coll-de-Tuero G. Could Uric Acid Be Considered a Cardiovascular Risk Factor? *Journal of clinical hypertension (Greenwich, Conn.)*. 2015 Dec; 17(12):936-7. doi:10.1111/jch.12636. Epub 2015 Aug 07. PMID:26385419. **FI: 2.851**
- Ros E. Dietary fat intake and risk of cardiovascular disease and all-cause mortality in a population at high risk of cardiovascular disease. *Am J Clin Nutr*. 2015 Dec;102(6):1563-73. doi: 10.3945/ajcn.115.116046. Epub 2015 Nov 11; PMID: 26561617 **FI: 6.770**
- Roure S, Pérez-Quílez O, Vallès X, Martínez-Cuevas O, Sabrià M, Valerio L. Has the economic crisis led to a new risk profile for international travellers? *Revista clinica española*. 2015 Nov; 215(8):439-445. doi:10.1016/j.rce.2015.06.006. pii:S0014-2565(15)00189-7. PMID:26189889. **FI: 1.063**
- Ruiz Sánchez M, Gené-Badía J, Sabidó Sánchez E. Neglecting continuity means "laught now and cry later". *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2016 May; 48(5):337-8. doi:10.1016/j.aprim.2015.07.008. Epub 2015 Nov 03. Spanish. PMID:26546173. **FI: 0.953**
- Salas J, Estruch R, Corella D, Fito M, Ros E, PREDIMED Investigators. Benefits of the Mediterranean Diet: Insights From the PREDIMED Study. *Prog Cardiovasc Dis*. 2015;58(1):50-60. PMID:25940230. **FI: 2.418**
- Sánchez V, Olivart M, Salamanca JC, Roca M, Miró N, Llovet R. ¿Es diferente la circunferencia de cuello de los pacientes hipertensos y los no hipertensos? *Avances en diabetología*. 2015;31:181-181.

- Sánchez-de-la-Torre M, Nadal N, Cortijo A, Masa JF, Duran-Cantolla J, Valls J, Serra S, Sánchez-de-la-Torre A, Gracia M, Ferrer F, Lorente I, Urgeles MC, Alonso T, Fuentes A, Armengol F, Lumbierres M, Vázquez-Polo FJ, Barbé F. Role of primary care in the follow-up of patients with obstructive sleep apnoea undergoing CPAP treatment: a randomised controlled trial. *Thorax*. 2015 Apr; 70(4):346-52. doi:10.1136/thoraxjnl-2014-206287. pii:thoraxjnl-2014-206287. PMID:25766689. **FI: 8.290**
- Sanz-Granda Á, Artola-Menéndez S, Franch-Nadal J, Gonzalez-Gutiérrez JA, Hidalgo-Vega Á, Mata-Cases M, Merino-Torres JF, Vicente-Sánchez C. Cost Saving Associated With Glucose Meter Accuracy In Spain. *Value in health: the journal of the International Society for Pharmacoeconomics and Outcomes Research*. 2015 Nov; 18(7):A351. doi:10.1016/j.jval.2015.09.641. pii:S1098-3015(15)02717-5. PMID:26531986. **FI: 3.279**
- Serrano JA, Morales V. Blogosfera pediàtrica. [Article revisió]. *Revista Electrònica Nous Vincles: Sant Joan de Déu i Atenció Primària*. 2015;14(14):27-28.
- Serrano JA. Abstract d'un article científic: bronquiolitis. *Revista Electrònica Nous Vincles: Sant Joan de Déu i Atenció Primària*. 2015;novembre(14):20-21.
- Soler-González J, Fernández de Sanmamed MJ, Gervas J. Equality in clinical practice. Proposals for patients, professionals and managers and policies to limit discrimination]. *Revista de calidad asistencial: organo de la Sociedad Española de Calidad Asistencial*. 2015 May-Jun; 30(3):108-16. doi:10.1016/j.cali.2015.02.004. pii:S1134-282X(15)00042-1. PMID:25864016.
- Torres M, Fabrellas N, Solà M, Rubio Merchán A, Camañes García N, Berlanga S. A model of comprehensive care for complex chronic patient. Experience of a territory. *Revista de enfermería (Barcelona, Spain)*. 2015 Mar; 38(3):42-6. PMID:26521409.
- Tresserra-Rimbau A, Medina-Remón A, Lamuela-Raventós RM, Bulló M, Salas-Salvadó J, Corella D, Fitó M, Gea A, Gómez-Gracia E, Lapetra J, Arós F, Fiol M, Ros E, Serra-Majem L, Pintó X, Muñoz MA, Estruch R, . Moderate red wine consumption is associated with a lower prevalence of the metabolic syndrome in the PREDIMED population. *The British journal of nutrition*. 2015 Apr; 113 Suppl 2:S121-30. doi:10.1017/S0007114514003262. pii:S0007114514003262. PMID:26148915. **FI: 3.453**
- Valenzuela-Pascual F, Molina F, Corbi F, Blanco-Blanco J, Gil RM, Soler-Gonzalez J. The influence of a biopsychosocial educational internet-based intervention on pain, dysfunction, quality of life, and pain cognition in chronic low back pain patients in primary care: a mixed methods approach. *BMC medical informatics and decision making*. 2015 ; 15:97. doi:10.1186/s12911-015-0220-0. Epub 2015 Nov 23. pmc:PMC4657202. PMID:26597937. **FI: 1.830**
- van Bijnen EM, Paget J, de Lange-de Klerk ES, den Heijer CD, Versporten A, Stobberingh EE, Goossens H, Schellevis FG; collaboration with the APRES Study Team. Antibiotic Exposure and Other Risk Factors for Antimicrobial Resistance in Nasal Commensal *Staphylococcus aureus*: An Ecological Study in 8 European Countries. *PLoS One*. 2015 Aug 11;10(8):e0135094. doi: 10.1371/journal.pone.0135094. eCollection 2015. PubMed PMID: 26262679; PubMed Central PMCID: PMC4532423 **FI: 3.234**
- Vega AB, Perelló A, Martos L, García Bayo I, García M, Andreu V, Abad A, Barenys M. Breath methane in functional constipation: response to treatment with Isphaghula husk. *Neurogastroenterology and motility: the official journal of the European Gastrointestinal Motility Society*. 2015 Jul; 27(7):945-953. doi:10.1111/nmo.12568. PMID:25952409. **FI: 3.587**
- Ventura S, Ruiz C, Duran E, Mosquera M, Bandrés F, Campos F, Castanyer B, Izquierdo JF, Lorente E, To-Figueras J, Queraltó JM. Amanitinas. *Revista del Laboratorio Clínico*. 2015;3(8 (3)):109-126.
- Verdejo-Bravo C, Brenes-Bermúdez F, Valverde-Moyar MV, Alcántara-Montero A, Pérez-León N. Consensus document on overactive bladder in older patients. *Revista española de geriatría y gerontología*. 2015 Sep-Oct; 50(5):247-56. doi:10.1016/j.regg.2015.04.001. Epub 2015 Jun 11. PMID:26073220.
- Vidal-Alaball J, Álamo-Junquera D, López-Aguilá S, García-Altés A. Evaluation of the impact of tele dermatology in decreasing the waiting list in the Bages region (2009-2012)]. *Atencion primaria / Sociedad Española de Medicina de Familia y Comunitaria*. 2015 May; 47(5):320-1. doi:10.1016/j.aprim.2014.01.009. Epub 2014 Oct 18. Spanish. PMID:25443766. **FI: 0.953**
- Voigt A, Madrid E, Pacheco-Huergo V, Rastello A, Castro D, Navarro-Brito I, Oyaneder MJ. Association of glycaemia with perceived threat of illness in patients with type 2 diabetes. *Primary care diabetes*. 2015 Dec; 9(6):426-31. doi:10.1016/j.pcd.2015.03.001. Epub 2015 Apr 07. PMID:25862461. **FI: 1.325**
- Wilke MA, Moreno B, Nieto ML. María Salud: un grano de arena en el desierto. *Butlletí de la CAMFIC*. 2015;1:27-60.

9.2 Projects

Accés i qualitat de l'atenció sanitària de poblacions vulnerables a Espanya en el context de la crisi econòmica (MEISI I). Instituto de Salud Carlos III. 2014-2016. IP: Vázquez ML.

Anàlisi de la idoneïtat de la fórmula de l'ajustament de dosi de l'acenocumarol a l'ECAP. ICS - Institut Català de la Salut. 2015. IP: Iglesias M. Inv.Col: Alegre I, Alós C, Farrús M, Gimbert R, Gonzalez FE, Martí J, Martí N.

Análisis de la alimentación en la población infantil entre los 6 y 12 años que acuden al CAP Besós. ICS - Institut Català de la Salut. 2015. IP: Povedano M. Inv.Col: Bonastre M, Mon E, Rebollo G.

Arteriopatia perifèrica i factors de risc cardiovascular. Avaluació de la millora del seu control mitjançant una intervenció educativa tipus feedback en professionals d'Atenció Primària. ICS - Institut Català de la Salut. 2013-2016. IP: Llobera À.

Asociación entre Depresión en la mujer embarazada con prematuridad, bajo peso al nacer y lactancia materna. IDIAP Jordi Gol. 2014/003IDIAP. 2015. IP: Aliaga MA. Inv.Col: Amador C.

Avaluació de la seguretat d'un nou dispositiu d'extracció de taps de cerumen (LANTITAPS): primer pas per a la incorporació a la pràctica clínica diària. 2012-2016. IP: Hernández FJ.

Avaluació d'una intervenció infermera en col·laboració de l'equip interdisciplinari sobre cuidadors principals informals de malalts d'Alzheimer. ICS - Institut Català de la Salut. 2015. IP: González MJ. Inv.Col: Canut S, Reviriego J, Tubau S.

Avaluar el Pla de Naixement del Programa d'Atenció a la Salut Sexual i Reproductiva (PASSIR) Gironès - Pla de l'Estany. ICS - Institut Català de la Salut. 2014-2015. IP: Boadas N. Inv.Col: Badosa E, Conejero L, Martí D.

Conèixer l'estat nutricional dels pacients amb Insuficiència Cardíaca i/o Malaltia Pulmonar Obstructiva Crònica. ICS - Institut Català de la Salut. 2015. IP: Saez G. Inv.Col: Acebron C, Coiduras A, Fabrellas N, Graell T, Hernandez MR, Lanau A, Martí L, Martín N, Rodríguez EM.

Depressió post-part i estat ansiós durant la gestació. ICS - Institut Català de la Salut. 2015. IP: Rubio MT. Inv.Col: Labay G, Vela E.

Desgarros cutàneos en las Personas de Edad Avanzada: Validación del Sistema de Clasificación STAR de los Desgarros Cutáneos al español. ICS - Institut Català de la Salut. 2015-2017. IP: Marquilles C.

Deshabitació tabàquica, l'experiència viscuda de les persones que no ho aconsegueixen. ICS - Institut Català de la Salut. 2015. IP: Mayorga M. Inv.Col: Canadell MJ, Pérez-Hervada M, Queijas MJ.

Desigualdades sociales en ansiedad. ICS - Institut Català de la Salut. 2015-2017. IP: Sala N. Inv.Col: Álamo MD.

Diagnòstic de la insuficiència cardíaca a les històries clíniques d'atenció primària: projecte ADIC. ICS - Institut Català de la Salut. 2015-2017. IP: Wilke A.

Disseny i validació d'un instrument per la valoració de la maduresa del menor en relació a la presa de decisions sobre la pròpia salut. ICS - Institut Català de la Salut. 2012-2015. IP: Miquel E.

Efecte d'un programa de Intervenció Assistida amb Animals en Atenció Primària sobre la capacitat funcional en persones majors de 65 anys. ICS - Institut Català de la Salut. 2015-2017. IP: Casanova C.

Efectividad de una intervención realizada en atención primaria de la consola Wii de Nintendo para mejorar el equilibrio y disminuir las caídas en personas mayores. Instituto de Salud Carlos III. PI12/01677. 2013-2016. IP: Montero P. Inv.Col: Benedicto C, Jiménez M^a, Lopez Y, Muñoz L, Roca I, Rodríguez MD.

Efectividad del asesoramiento anticonceptivo en el postparto. Estudio MAYA. Bayer Hispania, S.L. 2015-2017. IP: Reyes A.

Efectivitat d'una dieta adaptada als hàbits culinaris de la població pakistanesa en el grau de control metabòlic de la diabetis. ICS - Institut Català de la Salut. 2015. IP: Ochando M. Inv.Col: Grau J, Martín MB, Plaza I.

Ensayo clínico sobre la evaluación de la prescripción diferida de antibióticos en las infecciones respiratorias agudas no complicadas en pediatría (PDA-pediatría). Instituto de Salud Carlos III. PI11/02192. 2012-2016. IP: de la Poza M. Inv.Col: Enrubia M, Negrete A.

Estils de vida de les dones pakistaneses amb factors de risc cardiovascular: una aproximació cultural per al canvi a estils de vida més saludables. ICS - Institut Català de la Salut. 2015. IP: de Gispert B. Inv.Col: Claveria I, Gómez J, Yuste M.

Estudio CAYSEF: Beneficios del canto coral en personas con dolor crónico. ICS - Institut Català de la Salut. 2015. IP: Montaner I. Inv.Col: Badia M, Casasnovas PT, Martí J, Paino L, Pérez JA, Planas R, Roig AM, Sáez P, Vilaró E.

Estudio de detección de enfermedad celíaca en pacientes adultos con anemia ferropénica en atención primaria. ICS - Institut Català de la Salut. 2015. IP: Martín E. Inv.Col: Condomines I, Cristel L, González MÁ, Luque FJ, Pérez L, Perez-Hita P, Robledo V, Vergara M.

Estudio de intervención docente basado en la reeducación fisioterápica de la pre-activación del transversal abdominal en pacientes con lumbalgia mecánica inespecífica crónica en atención primaria. ICS - Institut Català de la Salut. 2014-2016. IP: Rubí FJ.

Factores virológicos y del huésped asociados a una mayor gravedad de la infección por el virus respiratorio sinci- tial (VRS). Instituto de Salud Carlos III. 2015-2017. IP: Pumarola T. Inv.Col: Casanovas JM.

Factors que influeixen en la despesa farmacèutica i assignació de pressupostos de farmàcia als Equips d'Atenció Primària. ICS - Institut Català de la Salut. 2015-2016. IP: Fernandez E. Inv.Col: Barcelo ME, Bendahan G, del Val JL, Enfedaque B, Lopez MJ, Vallès J.

Factors que limiten l'arribada de pacients amb MPOC a un servei de Rehabilitació: un estudi qualitatiu. ICS - Institut Català de la Salut. 2015. IP: Möller M. Inv.Col: Arroyo R, Casas J, Heras JF, López M, Nuñez E, Panadero F, Sendra M.

Gestión del paciente con sospecha de padecer síndrome de apnea obstructiva del sueño (SAOS) desde Atención Primaria: red territorial de asistencia. Laboratorios Dr. Esteve, S.A. 2015. IP: Barbé FE. Inv.Col: Fuentes A.

Impacte de l'Esclerosi Múltiple i la seva comorbiditat en Atenció Primària a Catalunya. IDIAP Jordi Gol. 2014/005SI- DIAP. 2015-2015. IP: Passarell A. Inv.Col: Deniel J, Otero S.

Influence of a biopsychosocial educational internet-based intervention, on pain, dysfunction, and pain cognitions, in chronic low back pain patients in primary care: A mixed methods approach. ICS - Institut Català de la Salut. 2014-2016. IP: Valenzuela F.

Inici i continuïtat de la Lactància Materna en mares adolescents, en funció de l'assistència o no a una interven- ció específica. ICS - Institut Català de la Salut. 2015. IP: Payaró A. Inv.Col: Almirall MR, Carrascon A, Miguel M, Zamora L.

Intervenció assistida amb animals (gossos) en pacients geriàtrics amb dolor osteoarticular i polifarmàcia. ICS - Institut Català de la Salut. Rodrigo, MD. 2014-2016. IP: Rodrigo M.

Lifestyle habits in patients with established cardiovascular diseases. ICS - Institut Català de la Salut. 2015-2017. IP: Brotons C. Inv.Col: Moral I.

Listeriosis Gestacional: Avaluació d'un intervenció informativa curta a l'àmbit territorial del SAP Llobregat Delta. ICS - Institut Català de la Salut. 2015-2016. IP: Tena G. Inv.Col: Carral B.

Malalt Crònic Complex: Diferència en la utilització dels serveis d'urgències (CUAP i Urgències Hospitalàries) abans i després de la implantació de la ruta PCC. ICS - Institut Català de la Salut. 2015. IP: Guitart Q. Inv.Col: del Val JL.

Nivel de alfabetización en salud y prácticas de autocuidado en personas con insuficiencia cardíaca atendidas en atención primaria. Estudio transversal multicéntrico. Col·legi Oficial d'Infermeria de Barcelona. PR-2079/15. 2015- 2017. IP: Santesmases R. Inv.Col: Beltrán E, Honorio M, Luna G, Rico Y, Rivilla D.

Prevalença dels factors de risc cardiovasculars a la Catalunya central. ICS - Institut Català de la Salut. 2015-2017. IP: Escalé A. Inv.Col: Álamo MD.

Programa d'Intervenció Familiar Multidisciplinar i Multicèntric del Pacient Crònic Complex. ICS - Institut Català de la Salut. 2015-2017. IP: Guerrero L. Inv.Col: Mas M, Quirch M, Ruiz A.

Progresión de la enfermedad de pequeño vaso cerebral: factores de riesgo, mecanismos implicados y consecuen- cias clínicas. Hosp. Vall Hebron. Fund. Institut de Recerca. PI14/01535. 2015-2017. IP: Delgado P. Inv.Col: Filomena J, Nafria C.

Projecte AIPCAP (Atenció inicial al Pacient Crític): Suport a l'Autoformació dels Equips d'Atenció Primària. ICS - Institut Català de la Salut. 2015. IP: Cánovas Y. Inv.Col: Casabella B.

Riesgo de cáncer colorrectal asociado al uso de medicamentos: estudio de casos y controles. Bioiberica, S.A. 2015- 2016. IP: Quijada MD.

Sobrecarga de los cuidadores de pacientes incluidos en la unidad de atención domiciliaria del centro de Atención Primaria Horta 7D: abordaje de enfermería. ICS - Institut Català de la Salut. 2015-2016. IP: Gea M. Inv.Col: Dalfó A, de la Hoz MD, Oller MJ.

Suport telefònic des de l'Atenció Primària per a mares que donen lactància materna: Assaig clínic aleatoritzat i multicèntric. ICS - Institut Català de la Salut. 2014-2015. IP: Balaguer JV. Inv.Col: Báñez C, Hernandez A, Valcarce I.

Tractament de les epicondilitis: punció seca i exercicis versus exercicis. ICS - Institut Català de la Salut. 2015.

IP: Arroyo R. Inv.Col: Möller M, Nuñez E.

Traducción, adaptación cultural y validación de Perineal Assessment Tool (PAT) en lengua española. ICS - Institut Català de la Salut. 2014-2016. IP: Alexandre S.

Utilitat de l'ecografia carotídea i femoral en la valoració del risc cardiovascular en atenció primària, més enllà de l'estimació del risc. ICS - Institut Català de la Salut. 2013-2015. IP: Miquel E. Inv.Col: Farràs C, Regany M.