



Annual Report **2013**



Generalitat de Catalunya
Departament de Salut



Institut Català
de la Salut

UAB

Universitat Autònoma
de Barcelona

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Presentation



Research is crucial for a health system to offer the best approach to the health care needs of the population. The objective of primary care research is to provide answers to the most common health conditions and to establish the most effective health services.

The scientific activities of the Institut Català de la Salut (ICS) are based on a network of research institutes affiliated to hospitals and primary care centres. Specifically, the ICS contributes to the Scientific Committee of the Primary Care Research Institute-IDIAP Jordi Gol and is also an active member of its Board of Governors.

Since its inception in 1995, the main goal of the IDIAP Jordi Gol has been to generate high quality research in primary care with evidence based medicine to further our understanding of diseases and to promote the academic advance of primary care professionals.

With the results presented in the 2013 IDIAP Report, we are confident about the direction of primary care biomedical research in Catalonia. Despite the adverse financial climate, we will continue to further research in primary care to boost efficiency and to promote research networks with the aim to improve the health of the population.

Dr. Pere Soley

Managing Director of the Institut Català de la Salut

Report IDIAP 2013



Research in primary care is essential to find solutions to everyday clinical problems. Indeed, primary care is a comprehensive and integrated patient-centred system that offers a unique framework to conduct research studies by providing access and long-term follow-up of patients.

Crucially, research in primary care generates readily translational results. The stress, therefore, must be in applying research findings into clinical practice. Indeed, we carry out first and foremost effectiveness research, since primary care offers a window into the early stages of disease and offers prevention opportunities, which results in the improved efficiency of the health services.

The IDIAP Jordi Gol has pioneered research in primary care for the past 18 years. Our institute furthers research in primary care by providing knowledge and skills to the health professionals who aim to conduct research in primary care. The 700 research projects already completed are proof of our commitment.

Despite the financial constraints of recent times, we are happy to present a report that confirms the sustained growth in primary care research. The number of projects has grown, though not as largely as in previous years. The number of peer reviewed publications has increased to 274 and the total Impact Factor is of 690.48, a score 200 higher than in 2012. We also provide now more training and have consolidated the training offer with 49 research courses designed specifically for those health professionals who plan to conduct research within their areas of expertise.

During 2013 we have coordinated 254 research projects in the national and European arenas. We have also encouraged the collaboration with hospital research to further innovation and translational medicine and to conduct research that stretches from basic science to clinical practice.

Accreditation has been awarded to 32 of our research groups; as of 2013, a total of 24 PhD Theses are either ongoing or been completed with IDIAP funding.

We must underscore the consolidation of the SIDIAP, a joint venture with the Catalan Institute of Health initiated in 2010. Based on primary care electronic medical records, the SIDIAP has access to individual, anonymised data of 6 million people. During 2013, the SIDIAP has been the basis of 89 research projects.

Despite the difficulties related to the financial downturn, the IDIAP has sustained economic stability during 2013 and we have been able to close the financial year with good results.

To conclude, we remain confident in our vision of growth and consolidation. We look forward to the challenges of the future, where the immediate priorities are the optimal translation of results into clinical practice and the evaluation of the innovation and quality improvement practices implemented in the health services.

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 IDIAP is to produce new knowledge and useful information, promoting, developing and managing research into Primary Health Care, principally in Catalonia, fostering training in research, the dissemination of its results and their application to the health services.

1.2 Vision

We aim to become a leading institute in primary care research at the national and international level. We want to lead excellence in investigation, to promote the participation of professionals and the dissemination and translation of results into clinical practice.

1.3 Values

Our values originate from the *Ethical Code* of the Catalan Health Institute.

TRUST

A relationship of trust implies confidentiality, in particular the duty of good practice with the data that we are able to access as professionals.

EQUITY

Equity is the fair treatment of people, their circumstance and values, without discrimination. Fairness of treatment must be also applied to the relationship with professionals, providers and other stakeholders.

RESPONSIBILITY

Responsibility is the ability to assume our own decisions and actions and their consequences and to respond to the people involved. Responsibility requires transparency in relation to what we say and do. Responsibility is essential for good practice in research, teaching and management.

EXCELLENCE

Excellence requires continuing professional development to carry out our responsibilities at the highest level. Excellence involves leading to improve and to adopt changes. Continuing professional development in relation to knowledge, ability and attitude is a cornerstone of excellence.

COOPERATION

Cooperation is the participation in teamwork to carry out a specific project with a critical, individual approach. Cooperation also involves contribution and coordination of tasks.

COLLABORATIONS

To collaborate is the undertaking of a common project of research or health services provision with other public and private organizations.

INNOVATION

Ability to introduce the necessary changes to improve service to patients, after careful assessment of risks versus benefits.

2. Strategy: Objectives

2.1 To promote research into Primary Health Care

- a. To consolidate research groups in the field of Primary Health Care which permit the development of programs and activities which meet the new expectations and health needs of the population and to produce and administer knowledge in this field.
- b. To call for research and human resources projects that would attract international talent.
- c. To promote the participation of research groups in national and international networks and infrastructures.
- d. To create, in conjunction with Primary Health Care providers, the position of assigned researcher. This position would mean the recognition for certain professionals of a more exclusive dedication to research, and would have to be re-accredited every 4 years.
- e. Improve the capacities and training of researchers by means of a specific program of research training and by encouraging mobility to first-rate national and international centres.

2.2 To get IDIAP's new research programs running by means of the consolidation of specialised laboratories (technological platforms)

- a. To develop and consolidate UNIDAP (Primary Health Care Information and Data Analysis Unit) as a computerised clinical-history-data platform for the support of research projects.
- b. To create a support laboratory (technological platform) for the tracking of chronic disease cohorts.
- c. To consolidate the Medicines Research Unit to support clinical drug trials and other clinical research projects.
- d. To consolidate the methodological support unit, promoting the qualitative methodology laboratory, the epidemiology laboratory and the statistics laboratory.

2.3 To promote a policy of dissemination and application of research results to health care practice, the Clinical Practice Guides, the health services and society

- a. To publish the results of IDIAP's scientific studies in high-impact scientific journals as well as in the general communications media.
- b. To disseminate all the results of IDIAP's studies and research projects to the Health Department, the ICS, service providers and all scientific institutions and organisations.
- c. To encourage the transfer of knowledge in order to produce innovation in the clinical practice and organisation of the existing health services through the application of the best information available.

2.4 To improve the capabilities of IDIAP Jordi Gol researchers

- a. To achieve the accreditation of IDIAP Jordi Gol as a university research institute.
- b. To define levels of competence for research personnel with different degrees of experience (initial, medium, expert) in order to adapt activities for continual professional development.
- c. To improve expertise by means of a plan for the continued training of researchers.
- d. To solicit grants to promote the movement of researchers to first-rank national and international centres in order to develop their expertise, establish relations with other groups and participate in research projects.

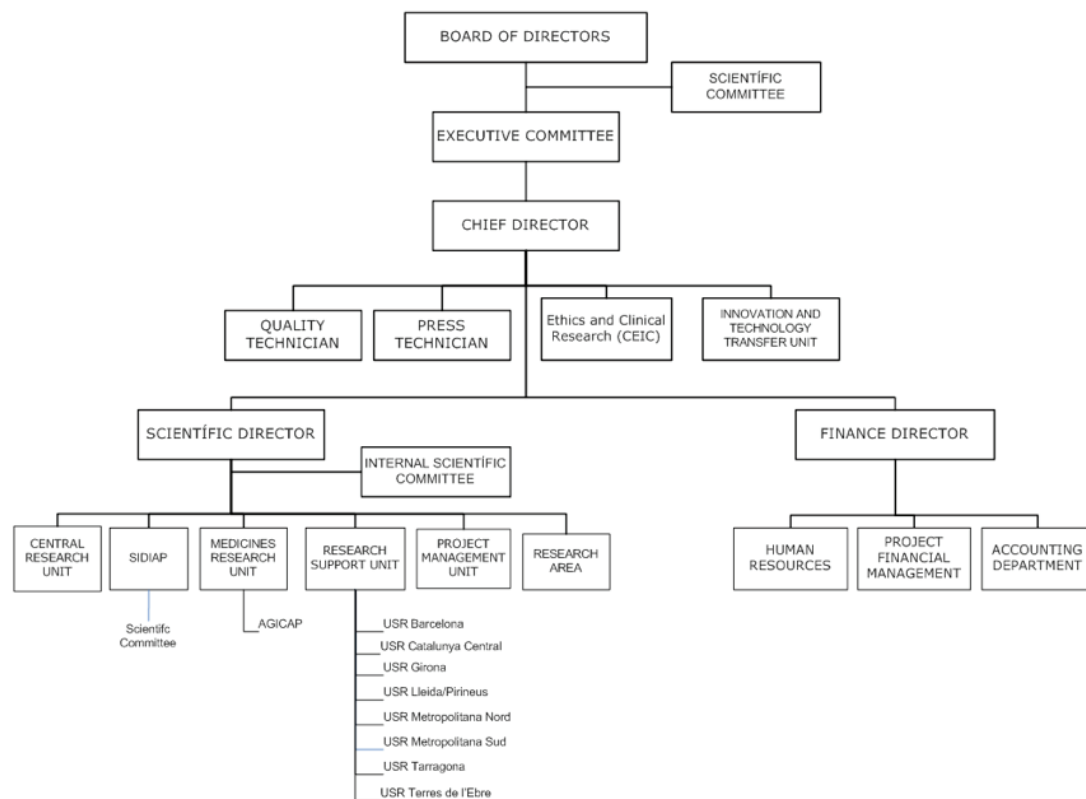
2.5 To increase the number of research partnerships and collaborations

- a. To encourage cooperation with health organisations in other care areas, the Catalan Health Research Institutes and the public entities of the Generalitat for the development of joint research projects.
- b. To encourage cooperation with other Spanish, European and international research institutions which allow participation in leading networks and joint development of international projects.
- c. To encourage the cooperation with other health sector companies (public or private) for carrying out clinical trials of drugs or other kinds of innovation.

2.6 To maintain the quality of IDIAP's processes and results

3. Organisation and structure

3.1 Organisation chart



Board of Directors

Boi Ruiz i García
Isabel Freixa Janáriz

Honorary President
Honorary Vicepresident

President:

Joaquim Casanovas Lax

Institut Català de la Salut

Carles Constante Beitia
Lluís Tort Bardolet
Montserrat Martínez Morales
Josep Basora Gallisà
Jaume Benavent Areu
Josep Davins Miralles
Assumpció González Mestre
Ricard Pujol Borrell
Sara Rodríguez Requejo
Pilar Solans Julián

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Executive Committee

President:

Jaume Benavent

Institut Català de la Salut

Josep Davins Miralles
Lluís Tort Bardolet
Ricard Pujol Borrell
Montserrat Martínez Morales

Departament de Salut
Universitat Autònoma de Barcelona
Institut Català de la Salut
Institut Català de la Salut

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



3.2 *Management*

The management is charged with the execution of the decisions taken by the Board and with the day to day running of IDIAP, including:

- Acceptance of the research projects of IDIAP and other programs, the content of which must meet the objectives of the organisation.
- Elaboration of the strategic plan and the yearly objectives of IDIAP.
- Allocating financial resources to the various research and training programs.
- Deciding and authorising projects concerning the technical and administrative installations and/or investments serving the priorities and interests of IDIAP.
- Obtain external resources for the objectives of the Institute.
- Present the annual budget to the Board.
- Carrying out juridical and administrative tasks or those delegated by the Board.
- Choose and contract personnel and revise labour relations within the Institute.

3.3 *Scientific management*

The scientific management of IDIAP has continued to develop different strategies to generate research projects and thereby produce new knowledge to bring about innovations in the current situation of clinical practice and the organisation of Primary Care. These strategies have been based on:

- The promotion and consolidation of research groups and the creation and organisation of research infrastructures: territorial support units, 9 research areas and participation in research networks.
- Developing research skills: organising courses and guiding doctorate research.
- Assessment and development of projects.
- Information and dissemination of results.
- Creation and development of the Research Unit.
- Creation and development of AGICAP.
- Consolidation of 8 Research Support Units.

3.3.1 CENTRAL RESEARCH UNIT

Consolidation and development of the epidemiology, public health and health services Research Unit. Its principal objective is to carry out epidemiological and public health studies as well as to support similar studies instigated by Primary Care researchers.

3.3.2 TRAINING UNIT

- Organisation of congresses and symposia on primary care research
- Organisation and running of basic research training courses
- Organisation and running of specialised training courses in research topics and Primary Care
- Support of undergraduate training

3.3.3 MEDICINES RESEARCH UNIT

This Unit has as its principal objectives:

- To promote studies with experimental design drugs and others
- Legal and methodological assessment and handling of specific drug study requirements
- Elaboration of standard work procedures in compliance with Good Clinical Practice regulations.
- Monitoring and follow up clinical trails and observational studies involving drugs

3.3.3.1 AGICAP

This unit comprises the Agency for the Management of Clinical Research in Primary Care (AGICAP), which is dedicated to the management and promotion of research in the form of clinical trials into Primary Care in Catalonia. This agency offers the following services.

- Training and accreditation of network researchers
- Methodological and logistical support of the protocols generated by our network of researchers
- Rapid selection of centres and accredited researchers (within 10 days)
- Rapid preparation of contracts (negotiation with management and signing)
- Single evaluation by CEIC (which advises all the primary care centres and other entities)
- Quality recruitment
- Protection and safety of patients
- Support of monitors and centres and promotion of the logistical aspects of each clinical trial
- Payment of research workers and centres
- Design of research protocols
- Statistical analysis
- Monitoring of clinical trials
- Clinical Trial Units equipped with research workers and specialised research equipment located in the Barcelona metropolitan area

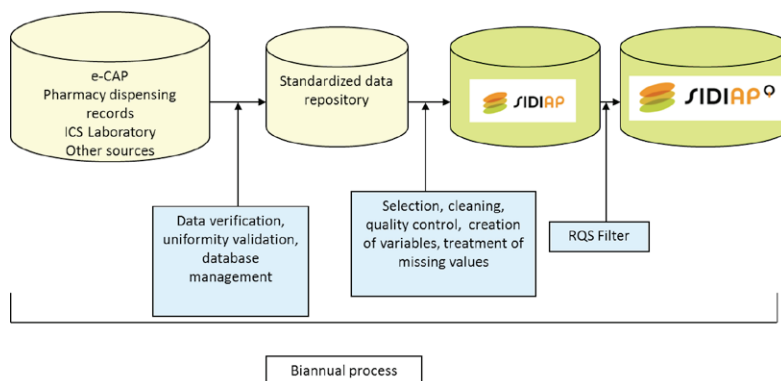
3.4 SIDIAP

The Information System for the Development of Research in Primary Care is a database created in 2010 by IDIAP Jordi Gol and the Catalan Health Institute (ICS) from computerised clinical registers. SIDIAP has the anonymous clinical information of 5.8 million citizens assigned to ICS Primary Care, and via a synthetic indicator Registry Quality Score (RQS) it selects the professionals with an optimum level of computerised clinical history use in order to use the patients assigned to these professionals (40% of the total, or approximately 1.9 million) in high quality research.

For each of the citizens included, SIDIAP has all the information of their clinical history electronically stored by the eCAP program (demographic data, visits, health problems codified according to the CIM-10 classification, clinical variables, life style, and vaccinations), the results of their laboratory tests and the prescribed medication they have collected from pharmacies. In addition, with SIDIAP patients may be individually linked to the database of hospital admissions (CMBD-AH) of CatSalut.

Since its creation SIDIAP has given support to 29 local, national and international projects investigating Primary Care, the majority of them with financing obtained through competitive calls. Collaborations have also been established with other databases of similar characteristics and international reputes such as the British GPRD.

SIDIAP DATA



3.5 *Communications unit*

- Facilitate information about calls offering funding and scholarships offered by IDIAP and other organisations.
- Information, assessment and support for presentation to calls and funding applications
- Organisation and management of IDIAP calls
- Dissemination of news about research in Primary Care through the IDIAP website and electronic newsletter
- The website allows access to IDIAP publications and others

3.6 *Research Support Units*

IDIAP has a decentralised organisation consisting of 8 Research Support Unit territories. Tarragona-Reus, Terres de l'Ebre, Catalunya Central, Girona, Metropolitana Sud, Metropolitana Nord, Lleida i Pirineu, Barcelona.

The Research Support Units allow IDIAP to manage, assess and organise the research proposals put forward in each territory. The RSU extend IDIAP's services to the researchers, helping them to develop their projects, informing them about current calls and funding, assisting with their applications and budget management, and providing support for the projects' execution.

3.7 *Financial management*

The Financial and Administrative management support the services and activities of IDIAP through the management of financial resources, human resources, and calls for research projects. In this way IDIAP has maintained a constant budget balance while significantly increasing its equity. Recent years have seen a steady increase of income due principally to research projects and clinical trials.

4. Research infrastructures in which IDIAP Jordi Gol participates

IDIAP Jordi Gol participates in the following infrastructures promoted by the Carlos III Health Institute (Instituto de Salud Carlos III).

4.1 *RETICS. Thematic Networks for Co-operative Research (Redes Temáticas de Investigación Cooperativa)*

- RedIAPP (RD06 / 0018; RD12 / 0005): Leadership Network and participation with 2 research groups and 8 clinical care groups led by the IDIAP Jordi Gol.
- REDINSCOR (RD06 / 0003): Leadership by Dr. Jose Maria Verdú of a care clinical group.
- PREDIMED (RD06 / 0045): Participation of Dr. Josep Basora in a research group led by the Rovira i Virgili University.
- RETICEF (RD06 / 0013 / 1009; RD12 / 0043): Thematic Network for Cooperative Research in Aging and Fragility. Participation of Dr. Daniel Prieto in a group led by Dr. Alfonso Diez IMIM.
- REDISSEC (RD12 / 0001): Research Network on Health Services and Chronic Diseases. Participation of Dr. Eva Frigola.
- RD12 / 0036: Participation of Carlos Lopez.

4.2 *CIBERs. (Centro de Investigación Biomédica en Red)*

- Obesity and Public Health CIBER (CB06 / 003): Participation of Dr. Ernest Vinyoles and Dr. Gemma Flores, a research group led by the IMIM.
- CIBER Epidemiology and Public Health (CB06 / 02): Dr. Jesus Almeda participation in a research group led by the Departament de Salut.
- Liver and Digestive Diseases CIBER: Participation of Dr. Llorenç Caballería.

4.3 *Pharmacovigilance SCREN Platform*

Specific Objectives and Methodology

The drug monitoring programme of the Clinical Research Units and Clinical Trials Platform (SCREN=Spanish Clinical Research Network) consists of two main subprogrammes:

- Safety Drug monitoring in clinical trials
- Active projects in pharmacovigilance

A total of 7 health centres participate in the pharmacovigilance programme. The specific objectives and methods for each subprogramme are as follows:

4.3.1 SAFETY DRUG MONITORING IN CLINICAL TRIALS

- Define the drug monitoring network, standardize programmes and advise
- Provide centralized drug monitoring services to promoters of clinical trials
- Create a drug monitoring database
- Establish internal and external collaborations

4.3.2 ACTIVE PROJECTS IN PHARMACOVIGILANCE

- Outline safety monitoring within the network
- Establish a system to share programmes, registers and information databases between hospitals and primary care centres
- Develop strategic research projects on pharmacovigilance
- Attract external projects
- Establish internal and external collaborations

4.3.3 PROGRAMME STRATEGY AND OPPORTUNITIES

Through the centralization of clinical trials drug monitoring services in specialized centres this programme aims to enhance: (1) clinical trials originated and conducted in Spain; (2) participation in international clinical trials; (3) clinical trials that originate in Spain and are conducted in several countries.

4.4 *Innovation*

The IDIAP has established a unique innovation model with the aim to encourage the translation of research results to society.

The Innovation Team consists of professionals with a well established track record in innovation and transfer.

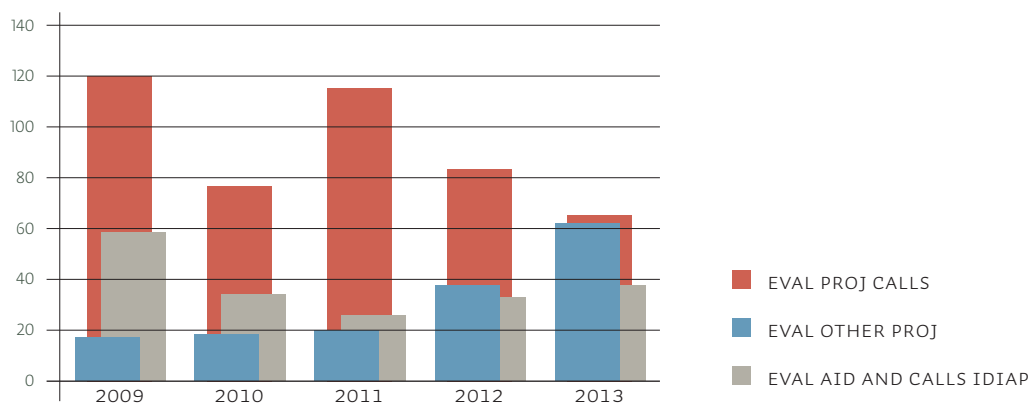
Specifically, the Innovation Team advises on protection of intellectual property, technology brokering, patent strategies and investment opportunities towards the creation of spin-outs.

5. Summary of scientific results

5.1 Promotion of projects

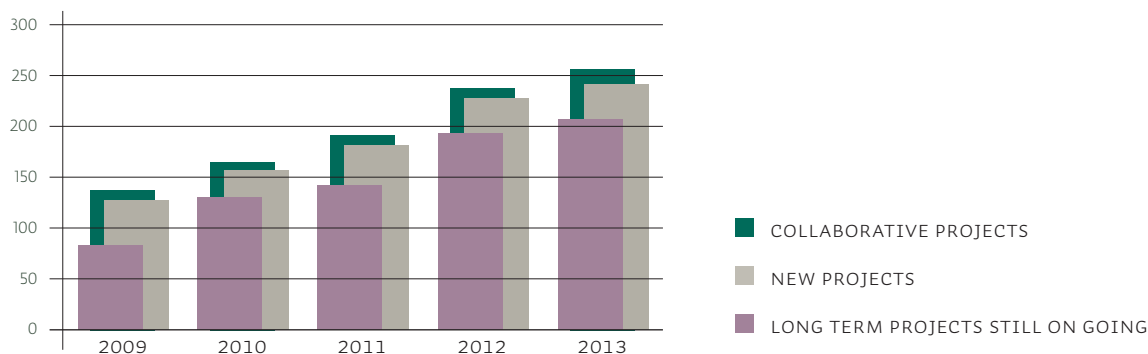
5.1.1 EVALUATION OF PROJECTS

IDIAP evaluates and offers advice on methodology and financial management of research projects both for external calls (public and private) and IDIAP's own calls. The graph shows the evolution of the projects evaluated.



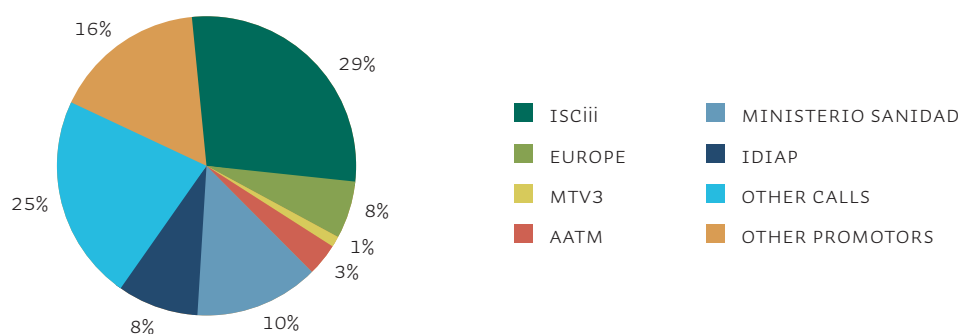
5.1.2 ACTIVE PROJECTS

IDIAP had 254 active projects in 2013, continuing the rise from its beginning. In this year the number of new projects wasn't as great as other years but we have carried on a large number of still active projects.



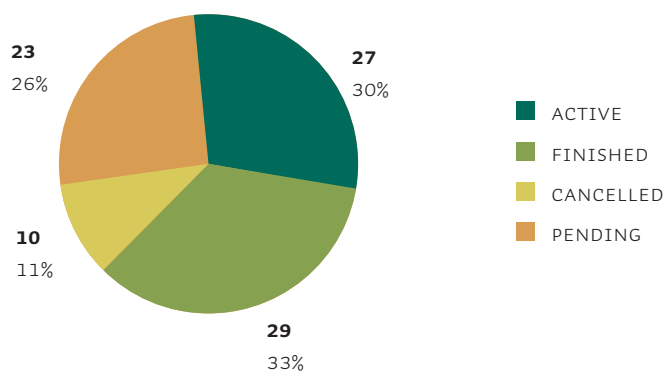
5.1.3 SOURCE OF PROJECT FUNDING

The principal source of funding for IDIAP's projects is the Ministry of Health via the Instituto de Salud Carlos III. Other Institutions provided funding to IDIAP are: the Agència d' Avaluació de Tecnologia i Investigació Mèdica, pharmaceutical companies, la Marató de TV3 and various European institutions.

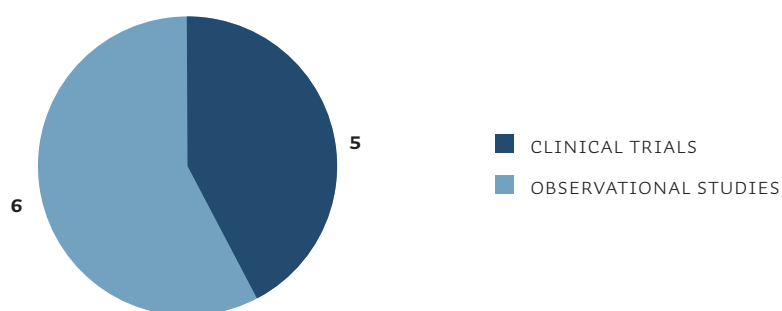


5.1.4 INFORMATION SYSTEM FOR THE DEVELOPMENT OF RESEARCH IN PRIMARY CARE (SIDIAP)

TOTAL PROJECTS: 89



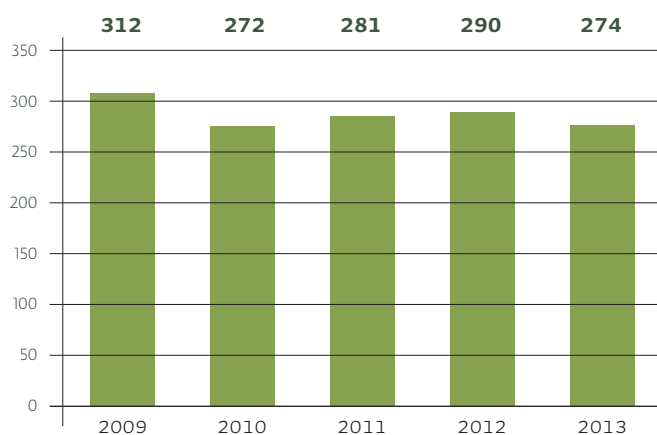
5.1.5 MEDICINES RESEARCH UNIT PROJECTS



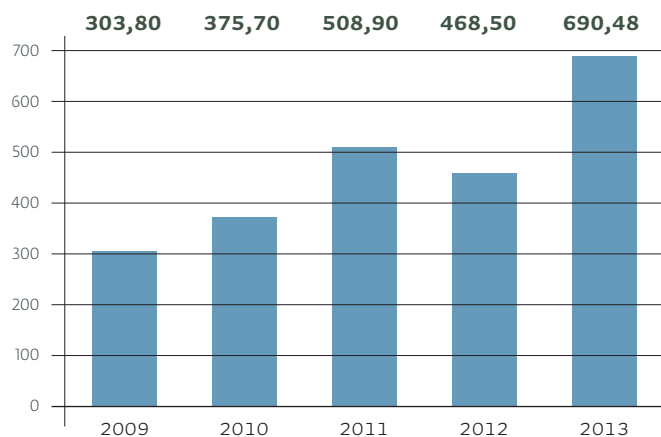
5.2 Articles

The following graphs, referring to published articles, show that although the number of articles hasn't increased, their impact factor has increased significantly.

5.2.1 PUBLISHED ARTICLES NUMBER



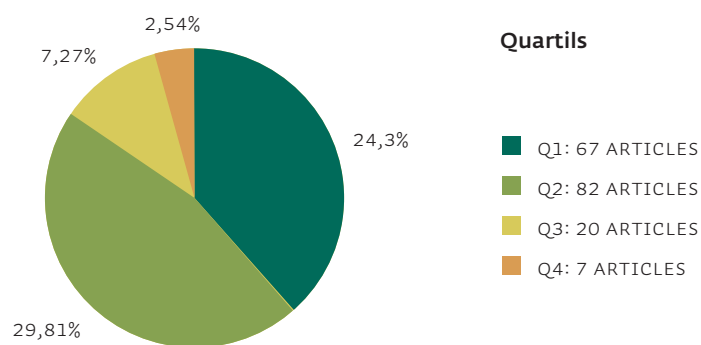
5.2.2 IMPACT FACTOR



5.2.3 QUARTILS

The chart below shows the quartile distribution of the articles published by IDIAP Jordi Gol.

YEAR 2013



5.3 AGICAP

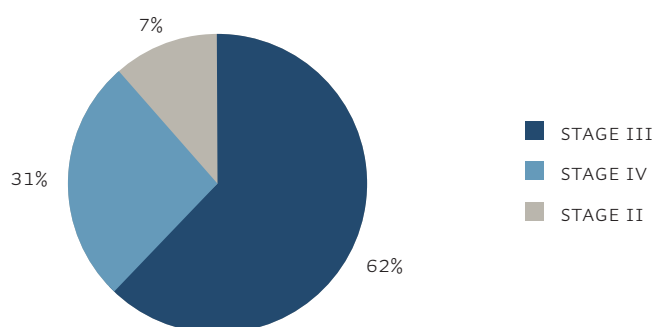
5.3.1 EVOLUTION OF THE AGENCY FOR THE MANAGEMENT OF CLINICAL PRIMARY CARE RESEARCH AGICAP

In 2013 IDIAP participated in: 41 clinical trials

- Active (accumulated data): 33
- Withdrawn with contract in the current year: 0
- Withdrawn without contract: 0
- Finalised in the current year: 2
- Pending contract this year: 6

5.3.2 PHASE OF CLINICAL TRIALS

The chart below shows the distribution of the clinical trials stages.



5.4 Research funding promoted by IDIAP Jordi Gol

The year 2013, IDIAP, in conjunction with the Catalan Health Institute (ICS) has offered the following financial assistance:

FOUNDING 2013	
Predocctoral Scholarships – Reduction of Care Time	16
Projects funded	20
Research strategies promotion	4
Stays in IMIM/ASPB Research Unit	1
Stays in Research institutes abroad	1
Translation of articles	8
Emerging and Consolidated research groups	6

5.5 Research groups certified by of IDIAP Jordi Gol or external agency

GROUP	PI	USR	CERTIFIED BY	START
Research in Primary Health Services in Catalonia. GRENSSAP	Bonaventura Bolívar	IDIAP Jordi Gol	RETICS, AGAUR	2003
CardioCat. Research in cardiovascular and life styles in Catalonia	Rafel Ramos	Girona	RETICS	2007
EPIVAC: Effectiveness of pneumococcal and influenza vaccines	Àngel Vila	Tarragona-Reus	IDIAP Jordi Gol	2008
			AGAUR	
Mental Health	Enric Aragonès	Tarragona-Reus	IDIAP Jordi Gol	2008
Diabetes	Bernardo Costa	Tarragona-Reus	IDIAP Jordi Gol	2008
Girona Vascular Health Research Group. ISV Girona	Rafel Ramos	Girona	IDIAP Jordi Gol	2010
Primary Care and Mental health Research Group. GRAPISAM	M. Teresa Peñarrubia	Metropolitana Sud	IDIAP Jordi Gol	2010
Characteristics and Evaluation of the Elderly - Baix Llobregat Study Group OCTABAIX	Assumpta Ferrer	Metropolitana Sud	IDIAP Jordi Gol	2010
Health Inequalities Research Group in Lleida. GREDELL	Jorge Soler	Lleida	IDIAP Jordi Gol	2010
Observatory for the study of asbestos-related illnesses OMRA	Rafael Abós	Metropolitana Nord	IDIAP Jordi Gol	2010
Osteoporosis and Musculoskeletal Diseases in Primary Care Research Group. GROIMAP	Rafael Azagra	Metropolitana Nord	IDIAP Jordi Gol	2010
ARTPER study group	M. Teresa Alzamora	Metropolitana Nord	IDIAP Jordi Gol	2010
Lifestyles	Carlos Martín	Barcelona	IDIAP Jordi Gol	2010
Hepatic Diseases in Primary Care Research Group. GREMHAP	Llorenç Caballeria	Metropolitana Nord	IDIAP Jordi Gol	2010
Grup de Recerca en Respiratori Vallès Oriental	Lydia Roig	Metropolitana Nord	IDIAP Jordi Gol	2010
Community Nutrition and Health. NUSCO	Victoria Arijá	Tarragona-Reus	IDIAP Jordi Gol	2010
Respiratory System Pathology in Primary Care Study Group (GEPAR-AP)	Francisco Martín	Tarragona-Reus	IDIAP Jordi Gol	2010
Grup de Recerca en la Cronicitat de la Malaltia Respiratòria (GRECMaR)	Pere Torán	Metropolitana Nord	IDIAP Jordi Gol	2010
Group for the Study of Cardiovascular Diseases in Primary Care. MACAP	Carmen Barrio	Metropolitana Sud	IDIAP Jordi Gol	2010
Respiratory Diseases in Primary Care Emergent Research Group	M. Antònia Llauger	Barcelona	IDIAP Jordi Gol	2010
Relation between Results Perceived by Patients and Treatment in Primary Care (clinical results, adherence, variability in the use of medicines and health services)	Enriqueta Pujol	IDIAP Jordi Gol	IDIAP Jordi Gol	2010
Epidemiologic Research Group in Diabetes from Primary Health Care DAP_CAT	Josep Franch	IDIAP Jordi Gol	IDIAP Jordi Gol	2011
Primary Care Research Group in Common Disorders of the Musculoskeletal System. GREMPAL	Daniel Prieto	IDIAP Jordi Gol	IDIAP Jordi Gol	2012
Cardiovascular Prevention in Terres de l'Ebre (PreCarTe)	M ^a Rosa Dalmau	Terres de l'Ebre	IDIAP Jordi Gol	2012
Severe Mental Diseases Group. TMS	M ^a Isabel Fernández	Barcelona	IDIAP Jordi Gol	2012
Cardiovascular Research Group. GRECAP	Miguel Angel Muñoz	Barcelona	IDIAP Jordi Gol	2012
Cancer Research Group in Primary Health Care. CÀNCER-AP	M. Mercè Marzo	Metropolitana Sud	IDIAP Jordi Gol	2013
Study Group of Musculoskeletal Diseases in Primary Care. GEPALAP	E. Martín Barra	Metropolitana Sud	IDIAP Jordi Gol	2013
Research Group in Sexual and Reproductive Health. GRASSIR	Gemma Falguera	Metropolitana Nord	IDIAP Jordi Gol	2013
Research Group in Nursing Care. GRCS	M ^a Antonia Campo	Barcelona	IDIAP Jordi Gol	2013
Research Group in Therapies in Primary Care. GRETAP	Inés Cruz	Lleida	IDIAP Jordi Gol	2013
Laboratory Group for the Research in QUALITY INDICATORS	M. Isabel Llovet	Terres de l'Ebre	IDIAP Jordi Gol	2013

In 2013 there were 32 certified groups.

6. Training

6.1 IDIAP has done the following courses

TITLE	EDITIONS	PARTICIP. (N)	HOURS	USR
Qualitative Research (Medium level)	1	20	12	Barcelona
Writing and scientific communication	1	20	12	Barcelona
Statistics (level 1)	1	20	8	Barcelona
7th Edition Research projects Design	1	20	25	Barcelona
Qualitative Research (Advanced level)	1	20	20	Barcelona
Ethics and Trials	1	20	4	Barcelona
Questionnaires	1	20	4	Barcelona
Advanced use of Medline and Bibliometrics	1	20	3	Barcelona
Introduction to Research	2	37	80	Catalunya Central
Scientific communication	2	29	48	Catalunya Central
How to design a Research. How to create a Study Protocol	1	15	10	Girona
How to write a scientific communication, a research project or a scientific paper	1	15	10	Girona
Literature Search. Management of a Virtual Library. Critical Appraisal of Scientific Literature	1	15	10	Girona
Management variables to develop a Health database	1	12	10	Girona
Introduction to Primary Health Care Research	1	20	20	Lleida
Introduction to Data Analysis	1	22	24	Lleida
Introduction to Primary Health Care Research (7th ed)	1	25	25	Metropolitana Nord
Research projects design (7th ed)	1	21	50	Metropolitana Nord
Introduction to the Resources and Tools of WEB 2.0	1	20	8	Metropolitana Sud
Scientific methodology for community medicine residents	2	42	18	Metropolitana Sud
Bibliographic research in Health Sciences	2	34	8	Tarragona
On line Course Research projects design	1	38	30	Tarragona
Research methods II	1	24	40	Terres de l'Ebre
Public speaking and oral communication skills	1	25	20	Terres de l'Ebre
AGICAP Clinical Trials with medicines in Primary Health Care	1	40	20	Central Research Unit
Critical Appraisal	1	20	40	Central Research Unit
Missing imputation	1	20	16	Central Research Unit

6.2 Researchers in 2013 doing a doctoral thesis with funding from IDIAP Jordi Gol and the ICS

1	Francisco Martín Luján	Síndrome metabólico y alteracions del metabolismo glucídico en población de alto riesgo
2	Isabel Rosich Martí	Influència de les alertes de seguretat de medicaments sobre la prescripció de medicaments en l'àmbit d'atenció primària de salut
3	Xavier Cos	Perfil de factores de riesgo y efecto de una intervención sobre el estilo de vida en sujetos con riesgo elevado de Diabetes en el estudio europeo DE-PLAN
4	Malú de Souza	Utilitat de les tècniques <i>in vitro</i> basades en la detecció de l'interferó-gamma pel diagnòstic de la infecció tuberculosa. Aplicabilitat clínica
5	Miquel Quesada	Arteriopatia perifèrica. Prevalença, factors associats i risc cardiovascular
6	Cristina Rey	Estudi de percepció de l'hàbit tabàquic en escolars: assaig comunitari d'intervenció
7	Ramon Sagarra	Anàlisi del cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut de Catalunya (PREvenció de Diabetis i Cost-Efectivitat, estudi PREDICE)
8	Anna Ruiz	Relació entre exercici físic i arteriopatia erifèrica. Estudi epidemiològic poblacional a partir de la cohort ARTPER
9	M. Jesús Megido	Com viuen els néts la malaltia d'Alzheimer del seu avi/a. Aportacions des de la infermeria comunitària
10	Carmina Poblet	Intervenció educativa intercultural en adults amb obesitat o sobrepès per millorar la seva qualitat de vida
11	Marta Zwart	Determinació de la Qualitat de Vida relacionada amb la Salut (QVRS) en població masculina amb osteoporosi i/o fractura osteoporòtica
12	Josep Casajuana	Influència dels coneixements i actituds dels metges d'atenció primària de Barcelona Ciutat en la variabilitat de l'ús del PSA com a prova de cribatge del càncer de pròstata
13	Teresa Badia	Risc nutricional i factors predictors de malnutrició en una cohort de persones de 85 anys a la comunitat
14	Germán López Cortacans	Anàlisi de cost-efectivitat i cost-utilitat d'un programa per a la millora del maneig de la depressió en Atenció Primària
15	Carmen Ioana Jarca	Prevalença de la malaltia vascular silent en una població de pacients hipertensos a Catalunya
16	Josep M. Pepió	Adequació del tractament en prevenció secundària a les guies de pràctica clínica
17	Carolina Guiriquet	Efectivitat d'una alerta electrònica en la història clínica informatitzada per augmentar la participació des d'AP en un programa de cribatge de càncer de colon i recte
18	Susanna Montesinos	Efectivitat d'una intervenció breu en majors de 64 anys amb consum de risc d'alcohol a l'Atenció Primària. Assaig clínic aleatoritzat comunitari
19	Sílvia Güell	Estudi de la incidència de fractura per fragilitat en dones amb càncer de mama: factors associats
20	Ingrid C. Arteaga	Detecció precoç de malalties cròniques del fetge en població adulta aparentment sana
21	Rosa Masa	Efectivitat d'un programa d'activitat física i dieta coordinat entre AP i Salut Mental, per a modificar els factors de Risc Cardiovascular en pacients esquizofrèncs, amb trastorn bipolar o trastorns esquizofrèncs
22	Àlex Llobera	Arteriopatia perifèrica i factors de risc cardiovascular. Avaluació de la millora del seu control mitjançant una intervenció educativa tipus feedback en professionals d'AP
23	Laura Romera	Efectivitat d'una intervenció multifactorial per a la modificació de paràmetres de fragilitat en la població gran
24	Carmen Expósito	Prevalença de malaltia renal inicial silent en població sana. Relació amb la síndrome metabòlica, risc cardiovascular i el fetge gras no alcohòlic

6.3 Researchers who have read their doctoral thesis

Javier Funes Arteaga	Diabetes y trabajo. Análisis de la influencia del control de la enfermedad y de las condiciones de trabajo en el absentismo laboral de las personas diabéticas
M. Mar Rodríguez Álvarez	Efectividad del consejo para dejar de fumar combinado con la discusión detallada de los resultados de la espirometría por parte del médico de atención primaria sobre el hábito tabáquico en adultos fumadores
Betlem Salvador González	Aneurismes de l'aorta abdominal en homes de 65-74 anys. Prevalença i factors de risc associats a la seva presentació
Carina Aguilar Martín	Impacto de la implantación del modelo de Dirección Clínica en Atención primaria del Institut Català de la Salut sobre la salud cardiovascular en la provincia de Tarragona
Eva Peguero Rodríguez	Procés participatiu per a l'elaboració del Codi Ètic de l'Institut Català de la Salut
Empar Valdivieso López	Efectivitat d'un programa comunitari integrat a l'escola per reduir la incidència de tabaquisme entre els escolars d'ESO. Estudi de l'efecte del tabac sobre el desenvolupament antropomètric
Lourdes Franco López	Estudi de prevalença de simptomatologia depressiva en la població immigrada. Influència de l'estrès aculturatiu, de la xarxa social, dels factors socioeconòmics i demogràfics i de trastorns d'ansietat en la gènesi de patologia
Aitor Alfaro Ormaechea	Validez de la microscopía de contraste de fases comparada con la tira reactiva de orina y sedimento en el diagnóstico de la infección del tracto urinario en mujeres

7. Communications

IDIAP's communication services carry out tasks such as the following: maintain and update the information in all sections of the institute's web; provide online news about primary health care research; write and publish the fortnightly online bulletin *Infogol*; publish the online bulletin *Eticaps*; publish the online bulletin of AGICAP.

Check for compliance with the IDIAP Jordi Gol style manual in all external communications, for example in congresses and symposia.

Dissemination in both general and specialised media of IDIAP Jordi Gol's research projects. In 2012 thirty releases have been issued and more than 200 impacts in media.

Co-ordination of IDIAP Jordi Gol's internal and external communications. Information about IDIAP Jordi Gol's own calls and funding as well as those of other research institutions in the field of primary health care. Advice on the writing of all IDIAP Jordi Gol documents for internal or external use and preparation, publication and dissemination of all the Institute's publications and documents.

8. Financial statements

Balance Sheet

ASSETS	2013
A) Fixed assets	598.197,43 €
I. Intangible assets	320.786,48 €
1. Software	33.556,97 €
2. Usage Rights	287.229,51 €
II. Tangible assets	277.410,95 €
1. Machinery and Facilities	277.410,95 €
2. Furniture and hardware	65.353,35 €
3. Other tangible assets	8.295,07 €
B) Current assets	8.123.885,23 €
I. Inventory	53.811,22 €
II. Accounts Receivable	2.090.888,19 €
1. Other Debtors	2.090.073,18 €
2. Personnel	- €
3. Tax & Government debt	815,01 €
IV. Short term financial investments	5.295.196,48 €
1. Securities	5.295.196,48 €
VI. Cash and equivalent liquid assets	683.989,34 €
1. Cash	683.989,34 €
TOTAL (A+B)	8.722.082,66 €

Equity and Liabilities

EQUITY AND LIABILITIES	2013
A) Equity	1.970.527,94 €
A-1). Equity	1.509.803,68 €
I. Founders equity	30.050,61 €
1. Founders equity	30.050,61 €
III. Retained Earnings	1.409.924,31 €
1. Retained Earnings	1.409.924,31 €
V. Net Income (loss) for the year	69.828,76 €
A-2). Grants, donations and other deferred revenue	460.724,26 €
1. Capital Grants	460.724,79 €
C) Non current liabilities	5.828.365,33 €
IV. Accounts Payable	923.189,39 €
1. Other Creditors	662.014,70 €
2. Personnel (accrued compensation)	44.111,51 €
3. Tax and other Current liabilities to Government	217.063,18 €
TOTAL (A+B+C)	8.722.082,66 €

Income Statement

INCOME STATEMENT		2013
1) Operating Revenue		3.980.409,22 €
a) Sales of goods and services		986.648,42 €
b) Other periodical revenue		593.340,17 €
c) Grants received		2.280.009,13 €
d) Other Grants and donations		266.134,07 €
e) Grants and donations reimbursed		-145.722,57 €
2) Grants Awarded And Othwer Expenses		-36.356,62 €
a) Grants Awarded		-36.356,62 €
3) Purchases		-129.151,24 €
a) Consumption of goods and inventory write down		-60.552,319 €
b) Subcontracting		-68.598,93 €
4) Personnel Expenses		-1.902.491,31 €
5) Other Operating Expenses		-1.932.254,84 €
a) Services		-1.906.845,65 €
A1) Rentals		-4.212,25 €
A2) Maintenance		-39.658,78 €
A3) Professional Fees		-1.215.605,72 €
A4) Insurance premiums		-14.606,12 €
A5) Bank fees		-1.452,72 €
A6) Supplies		-9.230,42 €
A7) Other services		-622.079,64 €
b) Tributs		-5.535,84 €
c) Other operating accruals		-19.873,35 €
6) Depreciation		-200.963,58 €
8) Long term Grants and Donations accrued		127.381,56 €
9) Other results		-7.929,47 €
I. Operating income		-85.610,86 €
10) Financial evenue		156.944,10 €
11) Financial expense		-1.504,48 €
12) Exchange rate differences		0,00 €
II. Financial income		155.439,62 €
III. Income before taxes		69.828,76 €
IV. Net income		69.828,76 €

9. Research areas

Research area: Cardiovascular

Research group: ARTPER

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.

Línes: Peripheral Arteriopathy: prevention and early diagnosis

GROUP LEADER

Alzamora Sas, M^a Teresa



RESEARCHERS

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

Research projects

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: 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

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 - 2015

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 - 2015

- 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 - 2015
- IP:** Vedia Urgell, Cristina. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015
- IP:** Baena Diez, Jose Miguel. *Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015
- IP:** Grau Magaña, Maria. *Asociación entre la incidencia de enfermedad cardiovascular y las enfermedades crónicas inflamatorias*. Funding: Fundació IMIM. Duration: 2013 - 2014
- IP:** Franch Nadal, Josep. *Evaluación del control metabólico en personas con diabetes tipo 2 en tratamiento con insulina que a pesar de tener buenos niveles en la glucemia basal no alcanzan los objetivos de control de la HbA1c*. Funding: Sanofi Aventis, S.A. Duration: 2013 - 2014
- IP:** Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: Fundacion MAPFRE. Duration: 2012 - 2014
- IP:** Serrat Sese, Aureli. *Intervenció comunitària en depressió als adolescents de 3er. i 4rt. d'ESO de Santa Coloma de Gramenet*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2014
- IP:** Urrea Vegas, Magali. *Utilitat dels diagnòstics d'infermeria per determinar el grau d'adherència terapèutica en els pacients crònics d'atenció primària*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2011 - 2014
- IP:** Guiriquet Capdevila, Carolina. *Efectividad de una alerta electrónica en la historia clínica informatizada para aumentar la participación desde Atención Primaria en un Programa de Cribado de Cáncer Colorrectal*. Funding: Instituto de Salud Carlos III. Duration: 2011 - 2014
- IP:** Ramos Blanes, Rafel. *Efectividad de las Estatinas en población de Edad avanzada en España. Estudio 4E*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2013
- IP:** Urrea Vegas, Magali. *Utilitat dels diagnòstics d'infermeria per determinar el grau d'adherència terapèutica en els pacients crònics d'atenció primària*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2011 - 2013
- IP:** Torán Monserrat, Pere. *Grau de distrès, somatitzacions i creences sobre salut i malaltia en pacients immigrants recents a les consultes d'atenció primària de Catalunya. Definició de les competències dels professionals sanitaris per al maneig més efectiu d'aquests casos*. Funding: Departament de Salut. Duration: 2011 - 2013
- IP:** Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2013
- IP:** Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2011 - 2013
- IP:** Roset Salla, Margarida. *La intervenció educativa grupal en alimentació saludable a parees de nens d'un any d'edat ajuda a proporcionar a aquests nens hàbits alimentaris més saludables?*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2010 - 2013

Articles

- Alzamora MT, Forés R, Pera G, Torán P, Heras A, Sorribes M, Baena-Diez JM, Urrea M, Alegre J, Viozquez M, Vela C. Ankle-brachial index and the incidence of cardiovascular events in the Mediterranean low cardiovascular risk population ARTPER cohort. *BMC Cardiovasc Disord*. 2013 Dec 17;13:119. doi: 10.1186/1471-2261-13-119. PubMed PMID: 24341531; PubMed Central PMCID: PMC3878485. **FI: 2,021**
- Bundo M, Urrea M, Muñoz L, Pérez M, Llussà J, Forés R, Alzamora M, Torán P. Measurement of the ankle-brachial index with a non-mercury sphygmomanometer in diabetic patients: a concordance study. *BMC Cardiovasc Disord*. 2013;13(1):15. PMID:23497339. **FI: 2,021**
- Bundo M, Urrea M, Muñoz-Ortiz L, Llussà J, Forés R, Torán P. Correlación entre los índices dedo-brazo y tobillo-brazo en pacientes con diabetes mellitus tipo 2. *Med Clin (Barc)*. 2013;140(9):390-394. PMID:22595253. **FI: 1,385**
- Caballería L, Arteaga I, Pera G, Rodríguez L, Alumà A, Auladell MA, Torán P. Factores de riesgo asociados a la presencia de hígado graso no alcohólico: un estudio de casos y controles. *Med Clin (Barc)*. 2013;141:233-239. PMID:23601740. **FI: 1,385**

Caballero R, Baena JM, Marrugat J, Esquerdo E. A method for detect Ig M monoclonal gammopathies in an autoanalyzer [Un método de detección de gammopatías monoclonales de IgM en un analizador. Revista del Laboratorio Clínico. 2013;6(2):55-59. de la Poza Abad M, Mas Dalmau G, Moreno Bakedano M, González González AI, Canellas Criado Y, Hernández Anadón S, Rotaeché del Campo R, Torán Monserrat P, Negrete Palma A, Pera G, Borrell Thió E, Llor C, Little P, Alonso Coello P; Delayed Antibiotic Prescription (DAP) Working Group. Rationale, design and organization of the delayed antibiotic prescription (DAP) trial: a randomized controlled trial of the efficacy and safety of delayed antibiotic prescribing strategies in the non-complicated acute respiratory tract infections in general practice. BMC Fam Pract. 2013 May 19;14:63. doi: 10.1186/1471-2296-14-63. PubMed PMID: 23682979; PubMed Central PMCID: PMC3682866. **FI: 1,799**

Fabrellas N, Alemany M, Urquizu MR, Bartres C, Pera G, Juvé E, Rodríguez L, Torán P, Caballería L. A nurse-led intervention program is effective for early detection of chronic liver diseases in primary care: a pilot study. Nurs Res. 2013;62:450-454. PMID:24165222. **FI: 1,402**

Félix-Redondo FJ, Grau M, Baena-Díez JM, Dégano IR, de León AC, Guembe MJ, Alzamora MT, Vega-Alonso T, Robles NR, Ortiz H, Rigo F, Mayoral-Sánchez E, Tormo MJ, Segura-Fragoso A, Fernández-Bergés D. Prevalence of obesity and associated cardiovascular risk: the DARIOS study. BMC Public Health. 2013 Jun 5;13(1):542. [Epub ahead of print] PubMed PMID: 23738609; PubMed Central PMCID: PMC3695785. **FI: 1,997**

Grau M, Baena JM, Félix FJ, Fernandez D, Comas M, Forés R, Marrugat J, Ramos R. Estimating the risk of peripheral artery disease using different population strategies. Prev Med. 2013;57(4):328-333. PMID:23769902. **FI: 3,216**

López-Olóriz J, López-Cancio E, Arenillas JF, Hernández M, Jiménez M, Dorado L, Barrios M, Soriano-Raya JJ, Miralbell J, Cáceres C, Forés R, Pera G, Dávalos A, Mataró M. Asymptomatic cervicocerebral atherosclerosis, intracranial vascular resistance and cognition: The AsIA-Neuropsychology Study. Atherosclerosis. 2013;230:330-335. PMID:24075765. **FI: 3,794**

Medrano R, Vallejo A, Pera G, Martínez I, Jiménez M, Hernández MB. Determinación de arteriopatía periférica mediante diferentes métodos en Atención Primaria. Metas de enfermería. 2013;16(5):7-11.

Miralbell J, López-Cancio E, López-Oloriz J, Arenillas JF, Barrios M, Soriano JJ, Galán A, Cáceres C, Alzamora MT, Pera G, Torán P, Dávalos A, Mataró M. Cognitive patterns in relation to biomarkers of cerebrovascular disease and vascular risk factors. Cerebrovasc Dis. 2013;36:98-105. PMID:24029412. **FI: 2,723**

Schröder H, Ramos R, Baena-Díez JM, Mendez MA, Canal DJ, Fito M, Sala J, Elosua R. Determinants of the transition from a cardiometabolic normal to abnormal overweight/obese phenotype in a Spanish population. Eur J Nutr. 2013 Dec 10. [Epub ahead of print] PubMed PMID: 24322835. **FI: 2,750**

Torán-Monserrat P, Cebrià-Andreu J, Arnau-Figueras J, Segura-Bernal J, Ibars-Verdaguer A, Massons-Cirera J, Barreiro-Montaña MC, Santamaria-Bayes S, Limón-Ramírez E, Montero-Alia JJ, Pérez-Testor C, Pera-Blanco G, Muñoz-Ortiz L, Palma-Sevillano C, Segarra-Gutiérrez G, Corbella-Santomà S. Level of distress, somatisation and beliefs on health-disease in newly arrived immigrant patients attended in primary care centres in Catalonia and definition of professional competences for their most effective management: PROMISE Project. BMC Fam Pract. 2013 May 4;14:54. doi: 10.1186/1471-2296-14-54. PubMed PMID: 23641671; PubMedCentral PMCID: PMC3663739. **FI: 1,799**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	1
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	3
TOTAL FUNDING	603.215,21€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	10
TOTAL IMPACT FACTOR	26,29
Nº OF ARTICLES IN Q1 JOURNALS	3
Q1 IF	8,412
Nº OF ARTICLES IN Q2 JOURNALS	7
Q2 IF	13,83

Research group: GRECAP

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 Angel



RESEARCHERS

del Val García, José Luis
Domingo Teixidor, M^a Mar
Mundet Tudurí, Xavier
Verdú Rotellar, José María
Vinyoles Bargalló, Ernest

Research 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 - 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: 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: 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: 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 - 2015

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 - 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: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Fuentes Camps, Eva Maria. *Orientación Diagnóstica de la Trombosis Venosa Profunda en Atención Primaria de Salud. Estudio de Coste-Efectividad*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Guitart Gonzalez, Queral. *Malalt crònica complex: Centres d'Urgències d'Atenció Primària (CUAP), urgències hospitalàries i relació entre aquests dispositius*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Franch Nadal, Josep. *Evaluación del control metabólico en personas con diabetes tipo 2 en tratamiento con insulina que a pesar de tener buenos niveles en la glucemia basal no alcanzan los objetivos de control de la HbA1c*. Funding: Sanofi Aventis, S.A.. Duration: 2013 - 2014
- IP:** Campo Osaba, Maria Antonia. *Actividad comunitaria de promoción de la salud: resultados de un ensayo clínico*. Funding: Laboratorios Dr. Esteve, S.A.. Duration: 2013 - 2014
- IP:** Mundet Tudurí, Xavier. *Estudi ISSYS: malaltia vascular cerebral silent en la població hipertensa a Catalunya*. Funding: Hosp. Vall Hebron. Fund. Institut de Recerca . Duration: 2013 - 2014
- IP:** Mundet Tudurí, Xavier. *Estudi ISSYS: malaltia vascular cerebral silent en la població hipertensa a Catalunya*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014
- IP:** Muñoz Pérez, Miguel Angel. *Valor pronóstico del criterio utilizado para el diagnóstico de los pacientes con insuficiencia cardíaca*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014
- IP:** Lacasta Tintorer, David. *Impacto de la implementación de una herramienta de colaboración clínica en red entre profesionales de atención primaria y especializada en la reducción del número de derivaciones (ECOPIH)*. Funding: Departament de Salut. Duration: 2012 - 2014
- IP:** Violan Fors, Concepció. *Multimorbilidad, Polimedización y Consumo de recursos en una muestra poblacional de personas mayores de 65 años en atención primaria*. Funding: Fundació Agrupació Mútua. Duration: 2012 - 2014
- IP:** Domingo Teixidor, M^a Mar. *Efectividad de un programa de ejercicio físico en la insuficiencia cardíaca en atención primaria, para mejorar la calidad de vida, la capacidad funcional y factores pronósticos-EFICAR*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2014
- IP:** Costa Pinel, Bernardo. *Análisis del coste-efectividad de un programa de prevención de la diabetes tipo 2 en atención primaria de salud de Cataluña (Prevención de Diabetes y Coste-Efectividad, Estudio PREDICE)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013
- IP:** Martin Cantera, Carlos. *Ejercicio físico, forma física y patrón dietético y su relación con el perfil circadiano de presión arterial. Augmentation Index y marcadores biológicos de disfunción endotelial (Estudio EVIDENT)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

- Bautista-Castaño I, Sánchez-Villegas A, Estruch R, Martínez-González MA, Corella D, Salas-Salvadó J, Covas MI, Schroder H, Alvarez-Pérez J, Quilez J, Lamuela-Raventós RM, Ros E, Arós F, Fiol M, Lapetra J, Muñoz MA, Gómez-Gracia E, Tur J, Pintó X, Ruiz-Gutierrez V, Portillo-Baqueda MP, Serra-Majem L; PREDIMED Study Investigators. Changes in bread consumption and 4-year changes in adiposity in Spanish subjects at high cardiovascular risk. *Br J Nutr*. 2013 Jul 28;110(2):337-46. doi: 10.1017/S000711451200476X. Epub 2012 Dec 3. PubMed PMID: 23199451. **FI: 3,013**
- Comín-Colet J, Enjuanes C, González G, Torrens A, Cladellas M, Meroño O, Ribas N, Ruiz S, Gómez M, Verdú JM, Bruguera J. Iron deficiency is a key determinant of health-related quality of life in patients with chronic heart failure regardless of anaemia status. *Eur J Heart Fail*. 2013 Oct;15(10):1164-72. doi: 10.1093/eurjhf/hft083. Epub 2013 May 22. PubMed PMID: 23703106; PubMed CentralPMCID: PMC3782146. **FI: 4,896**
- Corella D, Carrasco P, Sorlí JV, Estruch R, Rico-Sanz J, Martínez-González M^A, Salas-Salvadó J, Covas MI, Coltell O, Arós F, Lapetra J, Serra-Majem L, Ruiz-Gutiérrez V, Warnberg J, Fiol M, Pintó X, Ortega-Azorín C, Muñoz M^A, Martínez JA, Gómez-Gracia E, González JI, Ros E, Ordovás JM Mediterranean diet reduces the adverse effect of the TCF7L2-rs7903146 polymorphism on cardiovascular risk factors and stroke incidence: a randomized controlled trial in a high-cardiovascular-risk population. *Diabetes Care*. 2013;36:3803-3811. PMID:23942586. **FI: 8,087**
- Costa B, Barrio F, Piñol JL, Cabré JJ, Mundet X, Sagarra R, Salas J, Solà Morales O. DE-PLAN-CAT/PREDICE Research Group. Shifting from glucose diagnosis to the new HbA1c diagnosis reduces the capability of the Finnish Diabetes Risk Score(FINDRISC)to screen for glucose abnormalities within a real-life primary healthcare preventive strategy. *BMC Med*. 2013;21:11-45. PMID:23438147. **FI: 6,035**

Delgado Marroquín MT, Denizon Arranz S, Monreal Hajar A, Martín Zurro A, Otero Puime Á, Mundet Tuduri X, Alonso-Coello P, Jiménez Villa J; Grupo de Investigación Universidad y Medicina de Familia (UNIMEDFAM). [Reliability of a questionnaire used in the long-term follow up of the opinion and perceptions of family medicine by medical students of the University of Zaragoza (Spain)]. *Aten Primaria*. 2013 May;45(5):249-62. doi: 10.1016/j.aprim.2012.11.008. Epub 2013 Jan 21. Spanish. PubMed PMID: 23347912. **FI: 0,627**

Díaz-Gete L, Puigdomènech E, Briones EM, Fàbregas-Escurriola M, Fernandez S, Del Val JL, Ballvé JL, Casajuana M, Sánchez-Fondevila J, Clemente L, Castaño C, Martín-Cantera C; Grupo Estudio TABATIC. Effectiveness of an intensive E-mail based intervention in smoking cessation (TABATIC study): study protocol for a randomized controlled trial. *BMC Public Health*. 2013 Apr 18;13:364. doi:10.1186/1471-2458-13-364. PubMed PMID: 23597262; PubMed Central PMCID:PMC3648415. **FI: 1,660**

Estruch R, Ros E, Salas-Salvadó J, Covas MI, Corella D, Arós F, Gómez-Gracia E, Ruiz-Gutiérrez V, Fiol M, Lapetra J, Lamuela-Raventós RM, Serra-Majem L, Pintó X, Basora J, Muñoz MA, Sorlí JV, Martínez JA, Martínez-González MA; PREDIMED Study Investigators. Primary prevention of cardiovascular disease with a Mediterranean diet. *N Engl J Med*. 2013 Apr 4;368(14):1279-90. doi:10.1056/NEJMoal200303. Epub 2013 Feb 25. PubMed PMID: 23432189. **FI: 53,298**

Frigola-Capell E, Comin-Colet J, Davins-Mirallès J, Gich-Saladich I, Wensing M, Verdú-Rotellar JM. Trends and predictors of hospitalization, readmissions and length of stay in ambulatory patients with heart failure. *Rev Clin Esp*. 2013 Jan-Feb;213(1):1-7. doi: 10.1016/j.rce.2012.10.006. Epub 2012 Dec 22. English, Spanish. PubMed PMID: 23266127 **FI: 2,008**

Frigola-Capell E, Verdú-Rotellar JM, Comin-Colet J, Davins-Mirallès J, Hermosilla E, Wensing M, Suñol R. Prescription in patients with chronic heart failure and multimorbidity attended in primary care. *Qual Prim Care*. 2013;21(4):211-9. PubMed PMID: 24041138.

Guasch-Ferré M, Bulló M, Martínez-González MA, Ros E, Corella D, Estruch R, Itó M, Arós F, Wärnberg J, Fiol M, Lapetra J, Vinyoles E, Lamuela-Raventós RM, Serra-Majem L, Pintó X, Ruiz-Gutiérrez V, Basora J, Salas-Salvadó J; PREDIMED study group. Frequency of nut consumption and mortality risk in the PREDIMED nutrition intervention trial. *BMC Med*. 2013 Jul 16;11:164. doi: 10.1186/1741-7015-11-164. PubMed PMID: 23866098; PubMed Central PMCID:PMC3738153. **FI: 6,035**

Hu EA, Toledo E, Díez-Espino J, Estruch R, Corella D, Salas-Salvadó J, Vinyoles E, Gómez-Gracia E, Aros F, Fiol M, Lapetra J, Serra-Majem L, Pintó X, Portillo MP, Lamuela-Raventós RM, Ros E, Sorlí JV, Martínez-González MA. Lifestyles and risk factors associated with adherence to the Mediterranean diet: a baseline assessment of the PREDIMED trial. *PLoS One*. 2013 Apr 29;8(4):e60166. doi: 10.1371/journal.pone.0060166. Print 2013. PubMed PMID: 23637743; PubMed Central PMCID: PMC3639284. **FI: 4,092**

Ibarrola-Jurado N, Bulló M, Guasch-Ferré M, Ros E, Martínez-González MA, Corella D, Fiol M, Wärnberg J, Estruch R, Román P, Arós F, Vinyoles E, Serra-Majem L, Pintó X, Covas MI, Basora J, Salas-Salvadó J; PREDIMED Study Investigators. Cross-sectional assessment of nut consumption and obesity, metabolic syndrome and other cardio-metabolic risk factors: the PREDIMED study. *PLoS One*. 2013;8(2):e57367. doi: 10.1371/journal.pone.0057367. Epub 2013 Feb 27. PubMed PMID: 23460844; PubMed Central PMCID: PMC3583833. **FI: 4,092**

Lacasta Tintorer D, Flayeh Beneyto S, Alzaga Reig X, Mundet Tuduri X, De la Fuente JA, Manresa JM, Torán Monserrat P, Saigó Rubió F. Impact of the implementation of an online network support tool among clinicians of Primary Health Care and Specialists: ECOPIH Project. *BMC Fam Pract*. 2013 Oct 3;14:146. doi: 10.1186/1471-2296-14-146. PubMed PMID: 24088387; PubMed Central PMCID:PMC3852545. **FI: 1,799**

Lobos-Bejarano JM, del Castillo-Rodríguez JC, Mena-González A, Alemán-Sánchez JJ, Cabrera de León A, Barón-Esquivias G, Pastor-Fuentes A; en nombre de los Investigadores del Estudio FIATE (Situación actual de la Fibrilación auricular en Atención primaria en España). [Patients' characteristics and clinical management of atrial fibrillation in primary healthcare in Spain:FIATE Study]. *Med Clin(Barc)*. 2013 Oct 5;141(7):279-86. doi:10.1016/j.medcli.2012.12.023. Epub 2013 May 15. Spanish. PubMed PMID: 23683967. **FI: 1,385**

Martín Zurro A, Jiménez Villa J, Monreal Hajar A, Mundet Tuduri X, Otero Puime A, Alonso Coello P; Investigación Universidad y Medicina de Familia UNIMEDFAM). [Spanish medical students and Family Medicine. Data from the two phases of a national questionnaire]. *Aten Primaria*. 2013 Jan;45(1):38-45. doi:10.1016/j.aprim.2012.07.007. Epub 2012 Sep 17. Spanish. PubMed PMID: 22995410. **FI: 0,627**

Mejía-Lancheros C, Estruch R, Martínez-González MA, Salas-Salvadó J, Corella D, Gómez-Gracia E, Fiol M, Lapetra J, Covas MI, Arós F, Serra-Majem L, Pintó X, Basora J, Sorlí JV, Muñoz MA; en nombre de los investigadores del estudio PREDIMED. Socioeconomic Status and Health Inequalities for Cardiovascular Prevention Among Elderly Spaniards. *Rev Esp Cardiol*. 2013 Oct;66(10):803-811. doi: 10.1016/j.recesp.2013.05.025. Epub 2013 Aug 30. English, Spanish. PubMed PMID: 23993411 **FI: 2,530**

Mileva D, Foreva G, Asenova R, Nabbe P, Lygidakis C, Doerr C, Lingner H, Czachowski S, Munoz MA, Argyriadou S, Claveria A, Le Reste JY. Conception of multimorbidity in general practice. *General Medicine*. 2013; 15(4):52-55

Mundet-Tuduri X, Iglesias-Rodal M, Olmos-Dominguez C, Bernard-Antoranz ML, Fernandez-San Martin MI, Amado-Guirado E. Cardiovascular risk factors in chronic treatment with antipsychotic agents used in primary care. *Rev Neurol*. 2013 Dec 1;57(11):495-503. Spanish, English. PubMed PMID: 24265143. **FI: 1,218**

Recio J, Gómez MA, Patino C, Martin C, Ibañez E, Melguizo A, García L; EVIDENT Group. Association between smoking status and the parameters of vascular structure and function in adults: results from the EVIDENT study. *BMC Cardiovasc Disord*. 2013;13:109-109. PMID:24289208. **FI: 2,021**

Riba-Llena I, Jarca CI, Mundet X, Tovar JL, Orfila F, López-Rueda A, Nafria C, Fernández JL, Castañé X, Domingo M, Alvarez-Sabín J, Fernández-Cortiñas I, Maisterra O, Montaner J, Delgado P. Investigating silent strokes in hypertensives: a magnetic resonance imaging study (ISSYS): rationale and protocol design. *BMC Neurol*. 2013 Oct 2;13:130. doi: 10.1186/1471-2377-13-130. PubMed PMID: 24083440; PubMed Central PMCID: PMC3852223. **FI: 2,167**

Rodríguez-Poncelas A, Garre-Olmo J, Franch-Nadal J, Díez-Espino J, Mundet-Tuduri X, Barrot-De la Puente J, Coll-de Tuero G; RedGDPS Study Group. Prevalence of chronic kidney disease in patients with type 2 diabetes in Spain: PERCEDIME2 study. *BMC Nephrol*. 2013 Feb 22;14:46. doi: 10.1186/1471-2369-14-46. PubMed PMID: 23433046; PubMed Central PMCID: PMC3598539.

Ruiz-Arzalluz MV, Fernández MC, Burgos-Alonso N, Vinyoles E, San Vicente Blanco R, Grandes G; TAHPS group. Protocol for assessing the hypotensive effect of evening administration of acetylsalicylic acid: study protocol for a randomized, cross-over controlled trial. *Trials*. 2013 Jul 27;14:236. doi: 10.1186/1745-6215-14-236. PubMed PMID: 23890047; PubMed Central PMCID: PMC3750457. **FI: 2,496**

Simó R, Plana-Ripoll O, Puente D, Morros R, Mundet X, Vilca LM, Hernández C, Fuentes I, Procupet A, Tabernero JM, Violán C. Impact of glucose-lowering agents on the risk of cancer in type 2 diabetic patients. The barcelona case-control study. *PLoS One*. 2013 Nov 21;8(11):e79968. doi: 10.1371/journal.pone.0079968. PubMed PMID: 24278227; PubMed Central PMCID: PMC3836986. **FI: 4,092**

Sobrinho J, Domenech M, Camafort M, Vinyoles E, Coca A; ESTHEN group investigators. Prevalence of masked hypertension and associated factors in normotensive healthcare workers. *Blood Press Monit*. 2013 Dec;18(6):326-31. doi:10.1097/MBP.0000000000000002. PubMed PMID: 24192846. **FI: 1,520**

Tresserra-Rimbau A, Medina-Remón A, Pérez-Jiménez J, Martínez-González MA, Covas MI, Corella D, Salas-Salvadó J, Gómez-Gracia E, Lapetra J, Arós F, Fiol M, Ros E, Serra-Majem L, Pintó X, Muñoz MA, Saez GT, Ruiz-Gutiérrez V, Warnberg J, Estruch R, Lamuela-Raventós RM. Dietary intake and major food sources of polyphenols in a Spanish population at high cardiovascular risk: the PREDIMED study. *Nutr Metab Cardiovasc Dis*. 2013 Oct;23(10):953-9. doi: 10.1016/j.numecd.2012.10.008. Epub 2013 Jan 17. PubMed PMID: 23332727. **FI: 3,731**

Vinyoles E. Controversia sobre tratamiento a largo plazo con betabloqueantes en la enfermedad coronaria. *Hipertension*. 2013;30:34-35.

Vinyoles E. Depresión e incidencia de ictus. *Hipertension*. 2013;30:35-36.

Vinyoles E. Entreno aeróbico de resistencia y valores de presión ambulatoria. *Hipertensión y Riesgo Vascular*. 2013;30:80-81.

Vinyoles E. Exposición laboral prolongada al ruido e incidencia de hipertensión a los 10 años de seguimiento. *Hipertensión y Riesgo Vascular*. 2013;30:121-122.

Vinyoles E. La detección de la hipotensión ortostática (editorial). *Hipertensión y Riesgo Vascular*. 2013;30:1-3.

Vinyoles E. La validez de medir la presión arterial con tensiómetros oscilométricos en la fibrilación auricular. *Hipertensión y Riesgo Vascular*. 2013;30:161-162.

Vinyoles E. Mal control tensional y reducción del volumen cerebral. *Hipertensión y Riesgo Vascular*. 2013;30:79-80.

Vinyoles E. Presión arterial y curva en U de riesgo cardiovascular en el diabético. *Hipertensión y Riesgo Vascular*. 2013;30:123-124.

Vinyoles E. QStroke: una nueva herramienta para predecir el riesgo de ictus isquémico. *Hipertensión y Riesgo Vascular*. 2013;30:163-164.

Violán C, Foguet-Boreu Q, Hermosilla-Pérez E, Valderas JM, Bolívar B, Fàbregas-Escurriola M, Brugulat-Guiteras P, Muñoz-Pérez MÁ. Comparison of the information provided by electronic health records data and a population health survey to estimate prevalence of selected health conditions and multimorbidity. BMC Public Health. 2013 Mar 21;13:251. doi:10.1186/1471-2458-13-251. PubMed PMID: 23517342; PubMed Central PMCID: PMC3659017. **FI: 1,997**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	4
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	8
TOTAL FUNDING	723.259,15€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	22
TOTAL IMPACT FACTOR	119,43
Nº OF ARTICLES IN Q1 JOURNALS	9
Q1 IF	94,358
Nº OF ARTICLES IN Q2 JOURNALS	9
Q2 IF	19,055

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
Cordon Granados, Ferran
Garcia Gil, M^a del Mar
Martí Lluch, Ruth
Ponjoan Thans, Anna
Quesada Sabaté, Miquel
Solanas Saura, Pascual

Research projects

IP: Garcia 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: Garcia 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

IP: Grau Magaña, Maria. *Asociación entre la incidencia de enfermedad cardiovascular y las enfermedades crónicas inflamatorias.* Funding: Fundació IMIM . Duration: 2013 - 2014

IP: Grau Magaña, Maria. *Efecto de los marcadores de inflamación y oxidación lipídica en la asociación entre la osteoporosis y la enfermedad cardiovascular: un estudio poblacional.* Funding: Fundació IMIM . Duration: 2013 - 2014

IP: Ramos Blanes, Rafel. *Avances en el manejo del riesgo intermedio. Estudio MARK (improving interMediAte RiSk management).* Funding: Instituto de Salud Carlos III. Duration: 2011 - 2014

IP: Ramos Blanes, Rafel. *Efectividad de las Estatinas en población de Edad avanzada en España. Estudio 4E.* Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2013

Articles

Agüero F, Dégano IR, Subirana I, Grau M, Zamora A, Sala J, Ramos R, Treserras R, Marrugat J, Elosua R. Impact of a partial smoke-free legislation on myocardial infarction incidence, mortality and case-fatality in a population-based registry: the REGICOR Study. PLoS ONE. 2013;8(1):e53722-e53722. PMID:23372663. **FI: 4,092**

Grau M, Baena JM, Félix FJ, Fernandez D, Comas M, Forés R, Marrugat J, Ramos R. Estimating the risk of peripheral artery disease using different population strategies. Prev Med. 2013;57(4):328-333. PMID:23769902. **FI: 3,216**

Rivera M, Basagaña X, Aguilera I, Foraster M, Agis D, de Groot E, Perez L, Mendez MA, Bouso L, Targa J, Ramos R, Sala J, Marrugat J, Elosua R, Kunzli N. Association between long-term exposure to traffic-related air pollution and subclinical atherosclerosis: the REGICOR study. Environ Health Perspect. 2013 Feb;121(2):223-30. doi: 10.1289/ehp.1205146. Epub 2012 Dec 11. PubMed PMID:23384708; PubMed Central PMCID: PMC3569680. **FI: 7,036**

Schröder H, Ramos R, Baena-Díez JM, Mendez MA, Canal DJ, Fito M, Sala J, Elosua R. Determinants of the transition from a cardiometabolic normal to abnormal overweight/obese phenotype in a Spanish population. Eur J Nutr. 2013 Dec 10. [Epub ahead of print] PubMed PMID: 24322835. **FI: 2,750**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	4
TOTAL NUMBER OF PROJECTS IN WHICH GROUP MEMBERS HAVE PARTICIPATED	7
TOTAL NUMBER OF PROJECTS IN WHICH THE PI OF THE PROJECT HAS BELONGED TO THE GROUP	5
TOTAL FUNDING	294.016,00€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	4
TOTAL IMPACT FACTOR	17,09
Nº OF ARTICLES IN Q1 JOURNALS	3
Q1 IF	14,344
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	2,75

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

Alvarado Montesdeoca, Carles
Moll Casamitjana, Daniel
Parellada Esquiús, Neus
Salvadó Hernández, Cristina
Salvador Gonzalez, Betlem
Sarret Vilà, Sonia
Tamayo Ojeda, Carmen

Research project

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: 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 - 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: Salvadó Hernández, 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 - 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 hiperfibrinemia en la atención primaria de salud (Estudio IMENCAR).* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2015

IP: Salvador Gonzalez, Betlem. *Enfermedad renal crónica moderada en hipertensos en Atención Primaria: riesgo cardiovascular y evolución en función de filtrado glomerular, control tensión arterial y tratamiento farmacológico.* Funding: IDIAP Jordi Gol. Duration: 2013 - 2014

Articles

Barrio C, Mendoza PO. Paciente con parestesias: que lo frecuente no nos haga olvidar lo importante. [Cas clínic]. Form Med Cont Atenc Prim. 2013;20(4):209-212.

Gorostidi M, Sarafidis PA, de la Sierra A, Segura J, de la Cruz JJ, Banegas JR, Ruilope LM; Spanish ABPM Registry Investigators. Differences Between Office and 24-Hour Blood Pressure Control in Hypertensive Patients With CKD: A 5,693-Patient Cross-sectional Analysis From Spain. Am J Kidney Dis. 2013;62(2):285-294. PMID:23689071. **FI: 5,434**

Salvador B, Rodríguez LM, Güell R, Alvarez V, Sanz H, Tovillas FJ. Estimación del filtrado glomerular según MDRD-4 IDMS y CKD-EPI en individuos de edad igual o superior a 60 años en Atención Primaria. Nefrología. 2013;33(4):552-563. PMID:23897188. **FI: 1,000**

Prizes

2on. Premi a la millor Comunicació Oral. XXIV Congrés d'Atenció Primària de la CAMFiC. Més informació, Menys irradiació. Gardeñes L, Reig P, Tabacel GM, Castilla T, Clemente A, Parellada N.

Finalista als V Premios Esteve. El proyecto DE-PLAN-CAT. Prevenir la diabetes tipo 2 en la atención primaria española mediante la intervención intensiva sobre el estilo de vida es una estrategia factible y efectiva. Costa B, Barrio F, Cabré JJ, Piñol JL, Mur T, Sarret S, Mundet X, Cos FX, Cot F, Pujol F.

Segon premi comunicació oral. XXIV Congrés d'Atenció Primària de la CAMFiC. Més informació, menys irradiació? Gardeñes L, Reig P, Tabacel GM, Castilla T, Clemente A, Parellada N.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	1
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	16.316,08€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	2
TOTAL IMPACT FACTOR	6,43
Nº OF ARTICLES IN Q1 JOURNALS	1
Q1 IF	5,434
Nº OF ARTICLES IN Q2 JOURNALS	0
Q2 IF	

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
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

Research 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 - 2016

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

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 - 2015

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 - 2015

IP: Dalmau Llorca, Maria Rosa. *Efectivitat de l'implementació d'una guia de prescripció d'hipolipemiants consensuada entre atenció primària i hospital sobre el control del colesterol LDL en cardiopatia isquèmica.* Funding: Agència d'Informació, Avaluació i Qualitat en Salut (AIAQS). Duration: 2010 - 2013

Articles

Clua-Espuny JL, Lechuga-Duran I, Bosch-Príncipe R, Roso-Llorach A, Panisello-Tafalla A, Lucas-Noll J, López-Pablo C, Queralto-Tomas L, Giménez-García E, González-Rojas N, Gallofre López M. Prevalence of Undiagnosed Atrial Fibrillation and of That Not Being Treated With Anticoagulant Drugs: the AFABE Study. *Rev Esp Cardiol*. 2013;66(7):545-552. PMID:23727072. **FI: 2,530**

López C, Tomás B, Korzynska A, Bosch R, Salvadó MT, Llobera M, Garcia-Rojo M, Alvaro T, Jaén J, Lejeune M. Is it necessary to evaluate nuclei in HER2 FISH evaluation? *Am J Clin Pathol*. 2013 Jan;139(1):47-54. PMID: 23270898.

FI: 2,598

Mata J, Benito B, Roura P, Franch J, Pepió J, Coll G. Clinical inertia in the treatment of hyperglycemia in type 2 diabetes patients in primary care. *Curr Med Res Opin*. 2013;29:1495-502. PMID:23944631. **FI: 2,380**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	3
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	1
TOTAL FUNDING	370.727,20€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	3
TOTAL IMPACT FACTOR	7,51
Nº OF ARTICLES IN Q1 JOURNALS	1
Q1 IF	2,38
Nº OF ARTICLES IN Q2 JOURNALS	2
Q2 IF	5,128

Research area: Endocrine

Research group: DAP_CAT (Grup de Recerca Epidemiològica en Diabetis des de l'Atenció Primària)

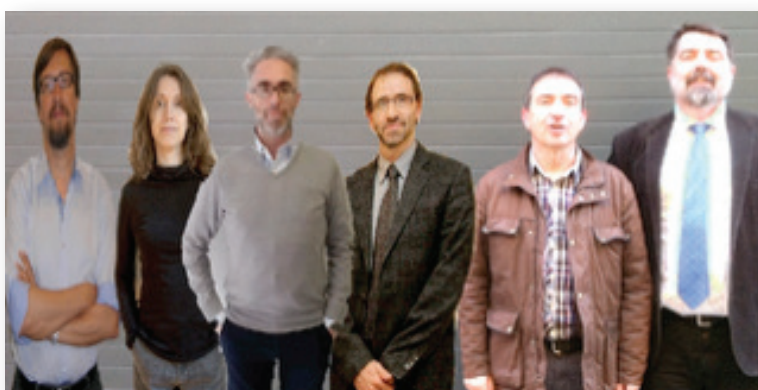
The group is made up of family doctors from the Catalan Health Institute (ICS) with wide experience in the world of diabetes. All of them collaborate with other research groups or scientific societies such as the Spanish Diabetes Society, CAMFiC-SEMFyC, SEMERGEN, or CIBER-DM, and notably in coordination 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 Diez, Jose Miguel
Cos Claramunt, Francesc Xavier
Mata Cases, José Manuel
Mauricio Puente, Dídac
Mundet Tudurí, Xavier
Ruiz Tamayo, Irene

Research projects

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

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:** 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 - 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
- IP:** Vedia Urgell, Cristina. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015
- IP:** Baena Diez, Jose Miguel. *Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015
- IP:** Grau Magaña, Maria. *Asociación entre la incidencia de enfermedad cardiovascular y las enfermedades crónicas inflamatorias*. Funding: Fundació IMIM. Duration: 2013 - 2014
- IP:** Franch Nadal, Josep. *Evaluación del control metabólico en personas con diabetes tipo 2 en tratamiento con insulina que a pesar de tener buenos niveles en la glucemia basal no alcanzan los objetivos de control de la HbA1c*. Funding: Sanofi Aventis, S.A.. Duration: 2013 - 2014
- IP:** Mundet Tudurí, Xavier. *Estudi ISSYS: malaltia vascular cerebral silent en la població hipertensa a Catalunya*. Funding: Hosp. Vall Hebron. Fund. Institut de Recerca. Duration: 2013 - 2014
- IP:** Mundet Tudurí, Xavier. *Estudi ISSYS: malaltia vascular cerebral silent en la població hipertensa a Catalunya*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014
- IP:** Muñoz Pérez, Miguel Angel. *Valor pronóstico del criterio utilizado para el diagnóstico de los pacientes con insuficiencia cardíaca*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014
- IP:** Lacasta Tintorer, David. *Impacto de la implementación de una herramienta de colaboración clínica en red entre profesionales de atención primaria y especializada en la reducción del número de derivaciones (ECOPIH)*. Funding: Departament de Salut. Duration: 2012 - 2014
- IP:** Franch Nadal, Josep. *Estudio de costes de la atención al paciente diabético tipo 2 y factores relacionados (eCostesDM)*. Funding: Sanofi Aventis, S.A.. Duration: 2012 - 2014
- IP:** Guiriguet Capdevila, Carolina. *Efectividad de una alerta electrónica en la historia clínica informatizada para aumentar la participación desde Atención Primaria en un Programa de Cribado de Cáncer Colorrectal*. Funding: Instituto de Salud Carlos III. Duration: 2011 - 2014
- IP:** Ramos Blanes, Rafel. *Efectividad de las Estatinas en población de Edad avanzada en España. Estudio 4E*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2013
- IP:** Morató Grieria, Jaume. *Implantació d'un programa d'educació grupal per immigrants diabètics de la regió de l'Indostan*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2011 - 2013
- IP:** Costa Pinel, Bernardo. *Análisis del coste-efectividad de un programa de prevención de la diabetes tipo 2 en atención primaria de salud de Cataluña (Prevención de Diabetes y Coste-Efectividad, Estudio PREDICE)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Alzamora MT, Forés R, Pera G, Torán P, Heras A, Sorribes M, Baena-Diez JM, Urrea M, Alegre J, Viozquez M, Vela C. Ankle-brachial index and the incidence of cardiovascular events in the Mediterranean low cardiovascular risk population ARTPER cohort. *BMC Cardiovasc Disord*. 2013 Dec 17;13:119. doi: 10.1186/1471-2261-13-119. PubMed PMID: 24341531; PubMed Central PMCID: PMC3878485. **FI: 2,021**

Caballero R, Baena JM, Marrugat J, Esquerdo E. A method for detect Ig M monoclonal gammopathies in an autoanalyzer [Un método de detección de gammopatías monoclonales de IgM en un analizador. *Revista del Laboratorio Clínico*. 2013;6(2):55-59.

Costa B, Barrio F, Piñol JL, Cabré JJ, Mundet X, Sagarra R, Salas J, Solà Morales O. DE-PLAN-CAT/PREDICE Research Group. Shifting from glucose diagnosis to the new HbA1c diagnosis reduces the capability of the Finnish Diabetes Risk Score(FINDRISC)to screen for glucose abnormalities within a real-life primary healthcare preventive strategy. *BMC Med*. 2013;21:11-45. PMID:23438147. **FI: 6,035**

Delgado Marroquín MT, Denizon Arranz S, Monreal Hajar A, Martín Zurro A, Otero Puime Á, Mundet Tuduri X, Alonso-Coello P, Jiménez Villa J; Grupo de Investigación Universidad y Medicina de Familia (UNIMEDFAM). [Reliability of a questionnaire used in the long-term follow up of the opinion and perceptions of family medicine by medical students of the University of Zaragoza (Spain)]. *Aten Primaria*. 2013 May;45(5):249-62. doi: 10.1016/j.aprim.2012.11.008. Epub 2013 Jan 21. Spanish. PubMed PMID: 23347912. **FI: 0,627**

Félix-Redondo FJ, Grau M, Baena-Díez JM, Dégano IR, de León AC, Guembe MJ, Alzamora MT, Vega-Alonso T, Robles NR, Ortiz H, Rigo F, Mayoral-Sanchez E, Tormo MJ, Segura-Fragoso A, Fernández-Bergés D. Prevalence of obesity and associated cardiovascular risk: the DARIOS study. *BMC Public Health*. 2013 Jun 5;13(1):542. [Epub ahead of print] PubMed PMID: 23738609;PubMed Central PMCID: PMC3695785. **FI: 1,997**

Grau M, Baena JM, Félix FJ, Fernandez D, Comas M, Forés R, Marrugat J, Ramos R. Estimating the risk of peripheral artery disease using different population strategies. *Prev Med*. 2013;57(4):328-333. PMID:23769902. **FI: 3,216**

Gutiérrez-Repiso C, Rojo-Martínez G, Soriguer F, García-Fuentes E, Vendrell J, Vázquez JA, Valdés S, Urrutia I, Serrano-Rios M, Pascual-Manich G, Ortega E, Mora-Peces I, Menéndez E, Martínez-Larrad MT, López-Alba A, Gutiérrez G, Gomis R, Goday A, Gírbés J, Gaztambide S, Franch J, Delgado E, Catalá M, Castell C, Castaño L, Casamitjana R, Carmena R, Calle-Pascual A, Bordiú E, Bosch-Comas A. Factors affecting levels of urinary albumin excretion in the general population of Spain: the Di@bet.es study. *Clin Sci (Lond)*. 2013Feb;124(4):269-77. doi:10.1042/CS20120261. PubMed PMID: 22970892. **FI: 4,317**

Lacasta Tintorer D, Flayeh Beneyto S, Alzaga Reig X, Mundet Tuduri X, De la Fuente JA, Manresa JM, Torán Monserrat P, Saigí Rubió F. Impact of the implementation of an online network support tool among clinicians of Primary Health Care and Specialists: ECOPIH Project. *BMC Fam Pract*. 2013 Oct 3;14:146. doi: 10.1186/1471-2296-14-146. PubMed PMID: 24088387; PubMed Central PMCID:PMC3852545. **FI: 1,799**

Martín Zurro A, Jiménez Villa J, Monreal Hajar A, Mundet Tuduri X, Otero Puime A, Alonso Coello P; Investigación Universidad y Medicina de Familia UNIMEDFAM). [Spanish medical students and Family Medicine. Data from the two phases of a national questionnaire]. *Aten Primaria*. 2013 Jan;45(1):38-45. doi:10.1016/j.aprim.2012.07.007. Epub 2012 Sep 17. Spanish. PubMed PMID: 22995410. **FI: 0,627**

Mata J, Benito B, Roura P, Franch J, Pepió J, Coll G. Clinical inertia in the treatment of hyperglycemia in type 2 diabetes patients in primary care. *Curr Med Res Opin*. 2013;29:1495-502. PMID:23944631. **FI: 2,380**

Mata JM, Franch J, Mauricio D, Bolívar B. Investigar en diabetes desde una base de datos de atención primaria: La experiencia del Sistema de Información para el Desarrollo de la Investigación en Atención Primaria (SIDIAP) [Research in diabetes from a primary care database: The Information System D. *Avances en diabetología*. 2013;29(6):169-174.

Molló M, Marsal JR, Mauricio D. Latent autoimmune diabetes in adults is perched between type 1 and type 2: evidence from adults in one region of Spain. *Diabetes Metab Res Rev*. 2013;29(6):446-451. PMID:23483713. **FI: 3,373**

Mundet-Tuduri X, Iglesias-Rodal M, Olmos-Dominguez C, Bernard-Antoranz ML, Fernandez-San Martin MI, Amado-Guirado E. Cardiovascular risk factors in chronic treatment with antipsychotic agents used in primary care. *Rev Neurol*. 2013 Dec 1;57(11):495-503. Spanish, English. PubMed PMID: 24265143. **FI: 1,218**

Ortega E, Franch J, Castell C, Goday A, Ribas-Barba L, Soriguer F, Vendrell J, Casamitjana R, Bosch-Comas A, Bordiú E, Calle-Pascual A, Carmena R, Castaño L, Catalá M, Delgado E, Gaztambide S, Gírbés J, López-Alba A, Martínez-Larrad MT, Menéndez E, Mora-Peces I, Pascual-Manich G, Rojo-Martínez G, Serrano-Rios M, Urrutia I, Valdés S, Vázquez JA, Gomis R. Mediterranean diet adherence in individuals with prediabetes and unknown diabetes: the Di@bet.es Study. *Ann Nutr Metab*. 2013;62(4):339-46. doi: 10.1159/000346553. Epub 2013 Jul 2. PubMed PMID:23838479. **FI: 2,257**

Riba-Llena I, Jarca CI, Mundet X, Tovar JL, Orfila F, López-Rueda A, Nafria C, Fernández JL, Castañé X, Domingo M, Alvarez-Sabín J, Fernández-Cortiñas I, Maisterra O, Montaner J, Delgado P. Investigating silent strokes in hypertensives: a magnetic resonance imaging study (ISSYS): rationale and protocol design. *BMC Neurol*. 2013 Oct 2;13:130. doi: 10.1186/1471-2377-13-130. PubMed PMID: 24083440; PubMed Central PMCID: PMC3852223. **FI: 2,167**

Rodriguez-Poncelas A, Garre-Olmo J, Franch-Nadal J, Diez-Espino J, Mundet-Tuduri X, Barrot-De la Puente J, Coll-de Tuero G; RedGDPS Study Group. Prevalence of chronic kidney disease in patients with type 2 diabetes in Spain: PERCEDIME2 study. *BMC Nephrol*. 2013 Feb 22;14:46. doi: 10.1186/1471-2369-14-46. PubMed PMID: 23433046; PubMed Central PMCID: PMC3598539.

Rojo-Martínez G, Valdés S, Colomo N, Lucena MI, Gaztambide S, Gomis R, Casamitjana R, Carmena R, Catalá M, Martínez-Larrad MT, Serrano-Ríos M, Castaño L, Vendrell J, Gírbés J, Franch J, Vázquez JA, Mora-Peces I, Urrutia I, Pascual-Manich G, Ortega E, Menéndez E, Delgado E, Bordiú E, Castell C, López-Alba A, Goday A, Calle A, Bosch-Comas A, Soriguer F. Use of drugs related to the treatment of diabetes mellitus and other cardiovascular risk factors in the Spanish population. The Di@bet.es study. *Rev Esp Cardiol (Engl Ed)*. 2013 Nov;66(11):854-63. doi: 10.1016/j.rec.2013.05.027. Epub 2013 Sep 23. PubMed PMID: 24773992. **FI: 2,530**

Schröder H, Ramos R, Baena-Díez JM, Mendez MA, Canal DJ, Fito M, Sala J, Elosua R. Determinants of the transition from a cardiometabolic normal to abnormal overweight/obese phenotype in a Spanish population. *Eur J Nutr*. 2013 Dec 10. [Epub ahead of print] PubMed PMID: 24322835. **FI: 2,750**

Simó R, Plana-Ripoll O, Puente D, Morros R, Mundet X, Vilca LM, Hernández C, Fuentes I, Procupet A, Tabernero JM, Violán C. Impact of glucose-lowering agents on the risk of cancer in type 2 diabetic patients. The barcelona case-control study. *PLoS One*. 2013 Nov 21;8(11):e79968. doi: 10.1371/journal.pone.0079968. PubMed PMID: 24278227; PubMed Central PMCID: PMC3836986. **FI: 4,092**

Soriguer F, Rojo-Martínez G, Goday A, Bosch-Comas A, Bordiú E, Caballero-Díaz F, Calle-Pascual A, Carmena R, Casamitjana R, Castaño L, Castell C, Catalá M, Delgado E, Franch J, Gaztambide S, Gírbés J, Gomis R, Gutiérrez G, López-Alba A, Teresa Martínez-Larrad M, Menéndez E, Mora-Peces I, Ortega E, Pascual-Manich G, Serrano-Ríos M, Urrutia I, Valdés S, Antonio Vázquez J, Vendrell J. Olive oil has a beneficial effect on impaired glucose regulation and other cardiometabolic risk factors. Di@bet.es study. *Eur J Clin Nutr*. 2013 Sep;67(9):911-6. doi:10.1038/ejcn.2013.130. Epub 2013 Jul 17. PubMed PMID: 23859999. **FI: 2,462**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	3
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	9
TOTAL FUNDING	907.363,59€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	16
TOTAL IMPACT FACTOR	43,87
Nº OF ARTICLES IN Q1 JOURNALS	5
Q1 IF	20,04
Nº OF ARTICLES IN Q2 JOURNALS	8
Q2 IF	19,335

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
Sagarra Àlamo, Ramon

Research 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: 2013 - 2017

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

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

IP: Martín Lujan, 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 - 2015

IP: Marzo Castillejo, María Merce. *The effect of consumption of kiwi fruit on constipation in adults*. Duration: 2013 - 2014

IP: Costa Pinel, Bernardo. *Análisis del coste-efectividad de un programa de prevención de la diabetes tipo 2 en atención primaria de salud de Cataluña (Prevención de Diabetes y Coste-Efectividad, Estudio PREDICE)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

IP: Bejarano Romero, Ferran. *Eficacia comparativa de dos intervenciones del médico de familia para el abandono del consumo crónico de benzodiazepinas*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Bonet C, Fernández B, Carrillo M, Cabré JJ, Sagarra R, Dudasu LV, Montañés MD, Vizcaino J, Frigola JL, Maestro M, Chanco C. Evolution of parameters following instigation of insulin analogue treatment on diabetic patients in primary helthcare. *Primary Care Diabetes*. 2013;7(1):71-89.

Cabré JJ, Basora MT, Ortega Y, Barrio F. Hiperucemia links cardiovascular disease and the metabolic syndrome: Data of the SIMETRIC study. *Journal of diabetes*. 2013;5(1):176 **FI: 2,939**

Cabré JJ, Costa B, Sagarra R, Solà-Morales O, Sunyer B, Barrio F i el grup d'investigació DE-PLAN-CAT/PREDICE. Anàlisi de cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en l'Atenció Primària de Catalunya (estudi PREDICE). *Butlletí de la CAMFIC*. 2013;31:1-3.

Costa B, Barrio F, Piñol JL, Cabré JJ, Mundet X, Sagarra R, Salas J, Solà Morales O. DE-PLAN-CAT/PREDICE Research Group. Shifting from glucose diagnosis to the new HbA1c diagnosis reduces the capability of the Finnish Diabetes Risk Score(FINDRISC)to screen for glucose abnormalities within a real-life primary healthcare preventive strategy. *BMC Med*. 2013;21:11-45. PMID:23438147. **FI: 6,035**

Estruch R, Ros E, Salas-Salvadó J, Covas MI, Corella D, Arós F, Gómez-Gracia E, Ruiz-Gutiérrez V, Fiol M, Lapetra J, Lamuela-Raventos RM, Serra-Majem L, Pintó X, Basora J, Muñoz MA, Sorlí JV, Martínez JA, Martínez-González MA; PREDIMED Study Investigators. Primary prevention of cardiovascular disease with a Mediterranean diet. *N Engl J Med*. 2013 Apr 4;368(14):1279-90. doi:10.1056/NEJMoal200303. Epub 2013 Feb 25. PubMed PMID: 23432189. **FI: 53,298**

Fernandez-Cao JC, Arija V, Aranda N, Bullo M, Basora J, Martínez-González MA, Díez-Espino J, Salas-Salvadó J. Heme iron intake and risk of new-onset diabetes in a Mediterranean population at high risk of cardiovascular disease: an observational cohort analysis. *BMC Public Health*. 2013 Nov 4;13:1042. doi: 10.1186/1471-2458-13-1042. PubMed PMID: 24188615. **FI: 1,997**

Flores G, Rojas-Rueda D, Basora J, Ros E, Salas J. Nut intake and adiposity: meta-analysis of clinical trials. *Am J Clin Nutr*. 2013;97:1346-1355. PMID:23595878. **FI: 6,669**

Ibarrola-Jurado N, Bulló M, Guasch-Ferré M, Ros E, Martínez-González MA, Corella D, Fiol M, Wärnberg J, Estruch R, Román P, Arós F, Vinyoles E, Serra-Majem L, Pintó X, Covas MI, Basora J, Salas-Salvadó J; PREDIMED Study Investigators. Cross-sectional assessment of nut consumption and obesity, metabolic syndrome and other cardio-metabolic risk factors: the PREDIMED study. *PLoS One*. 2013;8(2):e57367. doi: 10.1371/journal.pone.0057367. Epub 2013 Feb 27. PubMed PMID: 23460844; PubMed Central PMCID: PMC3583833. **FI: 4,092**

Mejía-Lancheros C, Estruch R, Martínez-González MA, Salas-Salvadó J, Corella D, Gómez-Gracia E, Fiol M, Lapetra J, Covas MI, Arós F, Serra-Majem L, Pintó X, Basora J, Sorlí JV, Muñoz MA; PREDIMED Study Investigators. Socioeconomic status and health inequalities for cardiovascular prevention among elderly Spaniards. *Rev Esp Cardiol*. 2013;66(10):803-811. PMID:24773861. **FI: 2,530**

Merino J, Ferré R, Girona J, Aguas D, Cabré A, Plana N, Vinuesa A, Ibarretxe D, Basora J, Buixadera C, Masana L. Even low physical activity levels improve vascular function in overweight and obese postmenopausal women. *Menopause*. 2013 Oct;20(10):1036-42. doi: 10.1097/GME.0b013e31828501c9. PubMed PMID: 23481124. **FI: 3,758**

Indicators

INDICATOR	2013
RESEARCHERS WITH PHD	3
TOTAL NUMBER OF PROJECTS IN WHICH GROUP MEMBERS HAVE PARTICIPATED	7
TOTAL NUMBER OF PROJECTS IN WHICH THE PI OF THE PROJECT HAS BELONGED TO THE GROUP	4
TOTAL FUNDING	305.241,55€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	8
TOTAL IMPACT FACTOR	81,32
Nº OF ARTICLES IN Q1 JOURNALS	5
Q1 IF	73,852
Nº OF ARTICLES IN Q2 JOURNALS	2
Q2 IF	4,527

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

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

Research projects

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: 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 - 2016

IP: Fernández San Martín, 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 - 2015

IP: Segura Noguera, Josep M^a. *Efectividad de una intervención multifactorial para modificar la fragilidad en ancianos comunitarios.* Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Casacuberta Monge, Jose-Maria. *Estudi de validació d'un instrument d'alerta de fragilitat en persones grans a l'Atenció Primària de Salut.* Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Rosell Reig, Nuria. *Ensayo clínico aleatorizado para evaluar la efectividad de un entrenamiento de Mindfulness (conciencia plena) en personas con patología crónica*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Campo Osaba, Maria Antonia. *Actividad comunitaria de promoción de la salud: resultados de un ensayo clínico*. Funding: Laboratorios Dr. Esteve, S.A.. Duration: 2013 - 2014

IP: Segura Noguera, Josep M^a. *Efectividad de una intervención multifactorial para la modificación de parámetros de fragilidad en población anciana: Estudio FRAGILITY*. Funding: Laboratorios Dr. Esteve, S.A. Duration: 2013 - 2014

IP: Cegri Lombardo, Francisco. *Seguiment als 7 anys d'una cohort de gent gran no institucionalitzada. Validació predictiva d'un instrument de detecció de fragilitat en l'Atenció Primària*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2014

IP: Orfila Pernas, Francesc. *Seguiment als 7 anys d'una cohort de gent gran no institucionalitzada. Validació predictiva d'un instrument de detecció de fragilitat en l'atenció primària*. Funding: Departament de Salut. Duration: 2012 - 2014

IP: Rovira Aler, Carme. *Avaluació de l'efectivitat de la teoria racional emotiva comportamental, com instrument d'intervenció en una consulta de treball social d'atenció primària de salut*. Funding: ICS - Institut Català de la Salut. Duration: 2009 - 2014

IP: Martin Asuero, Andres. *Efectivitat d'un programa formatiu amb comunicació conscient en la reducció del malestar psicològic i la millora de la relació professional sanitari-pacient a l'Atenció Primària*. Duration: 2011 - 2013

Articles

Brugués M, Jodar G. Un avance para la enfermera catalana: regulación de la Gestión Enfermera de la Demanda. *Revista de Innovación Sanitaria y Atención Integrada*. 2013;5(1):1-2.

Fernández-San-Martín MI, Martín-López LM, Masa-Font R, Olona-Tabueña N, Roman Y, Martín-Royo J, Oller-Canet S, González-Tejón S, San-Emeterio L, Barroso-García A, Viñas-Cabrera L, Flores-Mateo G. The effectiveness of lifestyle interventions to reduce cardiovascular risk in patients with severe mental disorders: meta-analysis of intervention studies. *Community Ment Health J*. 2014 Jan;50(1):81-95. doi: 10.1007/s10597-013-9614-6. Epub 2013 Jun 6. PubMed PMID:23739948. **FI: 1,030**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	2
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	167.232,06€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	1
TOTAL IMPACT FACTOR	1,03
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	0
Q2 IF	

Research group: GREDELL (Health Inequalities Research Group in Lleida)

This is an interdisciplinary research group and includes researchers with academic, medical and nursing backgrounds. It also participates in the ICSIII-accredited Statistics and Applied Economics Research Group (GRECS) of the University of Girona. It collaborates with professionals from the Vall d'Hebron Hospital and is supported by the Cardiological Service of the Arnau de Vilanova University Hospital in Lleida.

The main objective of the group is research related with health inequalities and it is developing different lines of research related principally with the immigrant population.

Lines: Health inequalities Use of medication and health services by the immigrant population Acculturative stress: level of adaptation of the immigrant population and related factors, estimation of the prevalence of depressive disorders in the population, intercultural competence of primary health care professionals Gender inequalities in secondary prevention of ischemic heart disease.

GROUP LEADER

Soler González, Jorge

RESEARCHERS

Cruz Esteve, Inés
Espejo Surós, Mariola
Galindo Ortego, Gisela
Galvan Santiago, Leonardo
Real Gatus, Jordi
Rue Monne, Montserrat
Ruiz Magaz, M^a Cristina
Serna Arnaiz, Maria Catalina

Research 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 - 2016

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 - 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: 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 - 2015

IP: Violan Fors, Concepció. *Multimorbilidad, Polimedicación y Consumo de recursos en una muestra poblacional de personas mayores de 65 años en atención primaria.* Funding: Fundació Agrupació Mútua. Duration: 2012 - 2014

IP: Galindo Ortego, Gisela. *Incidència del risc de fractura osteoporòtica i relació amb l'exposició a bifosfonats. Estudi observacional amb base de dades clíniques poblacionals: OSTEOPRAC.* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2014

IP: Serna Arnaiz, Maria Catalina. *La mejora del control de los factores de riesgo vascular a nivel de Atención Primaria se relacionan con la mortalidad, el número de ingresos y procedimientos hospitalarios específicos.* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2014

Articles

Serra-Paya N, Ensenyat A, Real J, Castro-Viñuales I, Zapata A, Galindo G, Solé-Mir E, Bosch-Muñoz J, Mur JM, Teixidó C. Evaluation of a family intervention programme for the treatment of overweight and obese children (Nereu Programme): a randomized clinical trial study protocol. BMC Public Health. 2013 Oct 23;13:1000. doi: 10.1186/1471-2458-13-1000. PubMed PMID: 24153001; PubMed Central PMCID:PMC4015510. **FI: 1,997**

Soler J, Rodriguez A, Ribera J, Peñascal E, Serna MC, Martí RM. Medicina de familia como asignatura obligatoria en el grado de medicina de la Universitat de Lleida: análisis de la percepción de los estudiantes. Educación médica. 2013;16(2):83-89.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	4
TOTAL NUMBER OF PROJECTS IN WHICH GROUP MEMBERS HAVE PARTICIPATED	7
TOTAL NUMBER OF PROJECTS IN WHICH THE PI OF THE PROJECT HAS BELONGED TO THE GROUP	2
TOTAL FUNDING	141.486,00€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	1
TOTAL IMPACT FACTOR	2
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	1,997

Research group: GRenSSAP Catalunya (Grupo de Investigación en Servicios Sanitarios en Atención Primaria de Cataluña)

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

Berenguera Ossó, Anna
Casajuana Closas, Marc
Fina Avilés, Francesc
Foguet Boreu, Quintí
Giné Garriga, Maria
Hermosilla Perez, Eduardo
Martin Cantera, Carlos
Monteagudo Zaragoza, Mònica
Morros Pedrós, Rosa
Pons Vigués, Mariona
Puente Baliarda, Diana
Puig Ribera, Anna
Pujol Ribera, Enriqueta
Rodríguez Blanco, M Teresa
Sicras Mainar, Antoni
Valderas Martínez, Jose Maria
Violan Fors, Concepció
Zabaleta del Olmo, Edurne

Research projects

- IP:** Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: IDIAP Jordi Gol. Duration: 2013 - 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:** Garcia 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:** 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 - 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:** Martin 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:** Violan Fors, Concepció. *Dronedarone utilization study in Catalonia, Spain, using SIDIAP database*. Funding: Sanofi Aventis, S.A.. Duration: 2013 - 2016
- IP:** Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: European Commission. Duration: 2011 - 2016
- 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:** Morros Pedrós, Rosa. *Riesgo cardiovascular en pacientes con osteoartritis: estudio de casos y controles*. Funding: Bioiberica, S.A. Duration: 2013 - 2015
- 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 - 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:** Giner Soriano, Maria. *Cilostazol drug utilization study*. Funding: Research Triangle Institute. Duration: 2013 - 2015
- 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 SEDESTATIV). Ensayo clínico aleatorio controlado*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 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:** Violan 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 - 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:** 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 - 2015
- IP:** Garcia 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:** 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 - 2015

- 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 - 2015
- 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 - 2015
- IP:** Ramos Blanes, Rafael. *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:** 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 - 2015
- IP:** Vedia Urgell, Cristina. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015
- IP:** Baena Díez, Jose Miguel. *Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015
- IP:** Martín Cantera, Carlos. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Funding: Fundació Mutua Madrileña. Duration: 2010 - 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: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Fàbregas Escuriola, Mireia. *Estudi quasi-experimental que avalua l'efecte sobre la pràctica clínica dels metges i infermeres d'atenció primària, d'enviar un butlletí electrònic setmanal amb les novetats de la literatura més rellevants*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Martín Cantera, Carlos. *Efectivitat d'una intervenció per reduir la conducció sota els efectes de l'alcohol entre conductors. Prova pilot*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Bayó Llibre, Joan. *Valoración de la automedida de la presión arterial en el diagnóstico de la HTA*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Coma Auli, Nuria. *Estudio cualitativo sobre la percepción del riesgo de infecciones de transmisión sexual y VIH en trabajadoras del sexo comercial nigerianas residentes en Barcelona*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Otero Romero, Susana. *Comorbilidad y utilización de los servicios de Atención Primaria en pacientes con esclerosis múltiple*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014
- IP:** Segura Noguera, Josep M^a. *Efectividad de una intervención multifactorial para la modificación de parámetros de fragilidad en población anciana: Estudio FRAGILITY*. Funding: Laboratorios Dr. Esteve, S.A.. Duration: 2013 - 2014
- IP:** Cegri Lombardo, Francisco. *Seguiment als 7 anys d'una cohort de gent gran no institucionalitzada. Validació predictiva d'un instrument de detecció de fragilitat en l'Atenció Primària*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2014
- IP:** Franch Nadal, Josep. *Estudio de costes de la atención al paciente diabético tipo 2 y factores relacionados (eCostesDM)*. Funding: Sanofi Aventis, S.A.. Duration: 2012 - 2014
- IP:** Violan Fors, Concepció. *Multimorbilidad, Polimedicación y Consumo de recursos en una muestra poblacional de personas mayores de 65 años en atención primaria*. Funding: Fundació Agrupació Mútua. Duration: 2012 - 2014
- IP:** Domingo Teixidor, M^a Mar. *Efectividad de un programa de ejercicio físico en la insuficiencia cardíaca en atención primaria, para mejorar la calidad de vida, la capacidad funcional y factores pronósticos-EFICAR*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2014
- IP:** Dedeu Baraldés, Antoni. *Quality and Costs of Primary Care in Europe*. Funding: NIVEL. Duration: 2010 - 2014
- IP:** Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Funding: European Commission. Duration: 2009 - 2014
- IP:** Ramos Blanes, Rafael. *Efectividad de las Estatinas en población de Edad avanzada en España. Estudio 4E*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2012 - 2013
- IP:** Prieto Alhambra, Daniel. *Efecto de la DIAbetes tipo II sobre la incidencia de Fractura Osteoporótica: Estudio DIAFOS*. Funding: FEIOMM. Duration: 2012 - 2013
- IP:** Davins Miralles, Josep. *Learning from International Networks about Errors and Understanding Safety in Primary Care*. Funding: University of Manchester. Duration: 2012 - 2013

- IP:** Davins Miralles, Josep. *Learning from International Networks about Errors and Understanding Safety in Primary Care*. Funding: Departament de Salut. Duration: 2012 - 2013
- IP:** Segarra Valls, Manel. *Estudi de l'adequació de colonoscòpies: de l'atenció primària a l'hospital*. Funding: Departament de Salut. Duration: 2011 - 2013
- IP:** Martin Asuero, Andres. *Efectivitat d'un programa formatiu amb comunicació conscient en la reducció del malestar psicològic i la millora de la relació professional sanitari-pacient a l'Atenció Primària*. Funding: Duration: 2011 - 2013
- IP:** Morros Pedrós, Rosa. *Estudio de utilización de Rosuvastatina en Cataluña*. Funding: AstraZeneca Farmacéutica Spain, S.A.. Duration: 2011 - 2013
- IP:** Prieto Alhambra, Daniel. *Fractures and related mortality in England & Wales (UK) compared to Catalonia (Spain)*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2013
- IP:** Martin Cantera, Carlos. *Ejercicio físico, forma física y patrón dietético y su relación con el perfil circadiano de presión arterial. Augmentation Index y marcadores biológicos de disfunción endotelial (Estudio EVIDENT)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

- Borrell C, Morrison J, Burstrom B, Pons-Vigués M, Hoffmann R, Gandarillas A, Martikainen P, Domínguez-Berjón MF, Tarkiainen L, Díez E. Comparison of health policy documents of European cities: are they oriented to reduce inequalities in health? *J Public Health Policy*. 2013 Jan;34(1):100-20. doi: 10.1057/jphp.2012.57. Epub 2012 Nov 22. PubMed PMID: 23172051. **FI: 2,113**
- Borrell C, Pons-Vigués M, Morrison J, Díez E. Factors and processes influencing health inequalities in urban areas. [Editorial]. *J Epidemiol Community Health*. 2013;0:1-3. PMID:23413097. doi:10.1136/jech-2012-202014 FI: 3,192
- Coma Auli N, Mejía-Lancheros C, Berenguera A, Mayans MV, Lasagabaster MA, Pujol-Ribera E. Risk perception of sexually transmitted infections and HIV in Nigerian commercial sex workers living in Barcelona: a study protocol. *BMJ Open*. 2013 Jul 30;3(7). pii: e003345. doi: 10.1136/bmjopen-2013-003345. PubMed PMID:23901029; PubMed Central PMCID: PMC3731713. **FI: 1,583**
- Coma E, Ferran M, Méndez L, Iglesias B, Fina F, Medina M. Creation of a synthetic indicator of quality of care as a clinical management standard in primary care. *Springerplus*. 2013 Dec;2(1):51. Epub 2013 Feb 13. PubMed PMID:23450738; PubMed Central PMCID: PMC3581769.
- den Heijer CD, van Bijnen EM, Paget WJ, Pringle M, Goossens H, Bruggeman CA, Schellevis FG, Stobberingh EE; APRES Study Team. Prevalence and esistance of commensal *Staphylococcus aureus*, including meticillin-resistant *S aureus*, in nine European countries: a cross-sectional study. *Lancet Infect Dis*. 2013 May;13(5):409-15. doi: 10.1016/S1473-3099(13)70036-7. Epub 2013 Mar 6. Erratum in: *Lancet Infect Dis*. 2013 Dec;13(12):1011. Flemming, Douglas [corrected to Fleming, Douglas]. PubMed PMID: 23473661. **FI: 17,391**
- Díaz-Gete L, Puigdomènech E, Briones EM, Fàbregas-Escurriola M, Fernandez S, Del Val JL, Ballvé JL, Casajuana M, Sánchez-Fondevila J, Clemente L, Castaño C, Martín-Cantera C; Grupo Estudio TABATIC. Effectiveness of an intensive E-mail based intervention in smoking cessation (TABATIC study): study protocol for a randomized controlled trial. *BMC Public Health*. 2013 Apr 18;13:364. doi:10.1186/1471-2458-13-364. PubMed PMID: 23597262; PubMed Central PMCID:PMC3648415. **FI: 1,660**
- Foguet Boreu Q, Roura Poch P, Bullón Chia A, Mauri Martin C, Gordo Serra N, Cecília Costa R; en representació del grup de Riesgo Cardiovascular en Trastorno Mental Severo (RISCA-TMS) Cardiovascular risk factors, cardiovascular risk and quality of life in patients with a severe mental disorder. *Aten Primaria*. 2013;45(3):141-148. PMID:23200694. **FI: 0,627**
- Frigola-Capell E, Verdú-Rotellar JM, Comin-Colet J, Davins-Miralles J, Hermosilla E, Wensing M, Suñol R. Prescription in patients with chronic heart failure and multimorbidity attended in primary care. *Qual Prim Care*. 2013;21(4):211-9. PubMed PMID: 24041138.
- Giné M, Martin C, Puig A, Martin C, Solà M, Cuesta AI. The Effect of a Physical Activity Program on the Total Number of Primary Care Visits in Inactive Patients: A 15-Month Randomized Controlled Trial. *PLoS ONE*. 2013;21(8):e66392-e66392. PMID:23805219. **FI: 4,092**
- Gómez MA, Recio JI, Patino C, Agudo C, Fernández C, Martínez V, Martin C, Gonzalez MN, García L. Electrocardiographic Left Ventricular Hypertrophy Criteria and Ambulatory Blood Pressure Monitoring Parameters in Adults. *Am J Hypertens*. 2013;Nov 4:1-8. PMID:24190901. **FI: 3,181**

- Llor C, Arranz J, Morros R, García A, Pera H, Llobera J, Guillen-solà M, Carandell E, Ortega J, Hernandez S, Miravittles M. Efficacy of high doses of oral penicillin versus amoxicillin in the treatment of adults with non-severe pneumonia attended in the community: study protocol for a randomized controlled trial. *BMC Fam Pract*. 2013;17(1):50. PMID:23594463. **FI: 1,799**
- Llor C, Moragas A, Bayona C, Morros R, Pera H, Plana-Ripoll O, Cots JM, Miravittles M. Efficacy of anti-inflammatory or antibiotic treatment in patients with non-complicated acute bronchitis and discoloured sputum: randomized placebo controlled trial. *BMJ*. 2013 Oct 4;347:f5762. doi: 10.1136/bmj.f5762. PubMed PMID:24097128. **FI: 14,093**
- Martín Asuero A, Rodríguez Blanco T, Pujol-Ribera E, Berenguera A, Moix Queraltó J. [Effectiveness of a mindfulness program in primary care professionals]. *Gac Sanit*. 2013 Nov-Dec;27(6):521-8. doi:10.1016/j.gaceta.2013.04.007. Epub 2013 May 28. Spanish. PubMed PMID: 23721869. **FI: 1,326**
- Martin C. Definition of hospital discharge, serious injury and death from traffic injuries. [En prensa]. *Gac Sanit*. 2013;Dec 21:1-1. PMID:24365522. **FI: 1,326**
- Mata JM, Franch J, Mauricio D, Bolívar B. Investigar en diabetes desde una base de datos de atención primaria: La experiencia del Sistema de Información para el Desarrollo de la Investigación en Atención Primaria (SIDIAP) [Research in diabetes from a primary care database: The Information System D. Avances en diabetología. 2013;29(6):169-174.
- Monteagudo M, Rodríguez-Blanco M, Pueyo MJ, Zabaleta E, Mercader M, García J, Pujol E, Bolívar B. Gender differences in negative mood states in secondary school students: health survey in Catalonia (Spain). *Gac Sanit*. 2013;27(1):32-9. PMID:22464025. **FI: 1,326**
- Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Ferrer M, Miravittles M. Factors associated with changes in quality of life of COPD patients: a prospective study in primary care. *Respir Med*. 2013 Oct;107(10):1589-97. doi: 10.1016/j.rmed.2013.05.009. Epub 2013 Jun 17. PubMed PMID: 23786889. **FI: 2,475**
- Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Granollers S, Ferro JJ, Acedo M, Almeda J, Rodríguez-Latre L, Muñoz L, Miravittles M. Effect of health professional education on outcomes of chronic obstructive pulmonary disease in primary care: a non-randomized clinical trial. *Respirology*. 2013 May;18(4):718-27. doi: 10.1111/resp.12074. PubMed PMID: 23438203. **FI: 2,416**
- Ochoa Gondar O, Vila Córcoles A, Rodríguez Blanco T, de Diego Cabanes C, Salsench Serrano E, Hospital Guardiola I. [Ability of the modified CRB75 severity scale in assessing elderly patients with community acquired pneumonia]. *Aten Primaria*. 2013 Apr;45(4):208-15. doi: 10.1016/j.aprim.2012.12.005. Epub 2013 Jan 28. Spanish. PubMed PMID: 23369644. **FI: 0,627**
- Ochoa-Gondar O, Vila-Corcoles A, Rodríguez-Blanco T, Hospital I, Salsench E, Ansa X, Saun N; EPIVAC Study Group. Validation of the CORB75 (confusion, oxygen saturation, respiratory rate, blood pressure, and age > 75 years) as a simpler pneumonia severity rule. *Infection*. 2014 Apr;42(2):371-8. doi:10.1007/s15010-013-0565-1. Epub 2013 Nov 29. PubMed PMID: 24293055. **FI: 2,659**
- Puente D, Zabaleta E, Pueyo MJ, Saltó E, Marsal JR, Bolívar B. Cigarette smoking prevalence and associated factors in secondary school children in Catalunya. *Aten Primaria*. 2013;45(6):315-23. PMID:23411164. **FI: 0,627**
- Recio J, Gómez MA, Patino C, Martin C, Ibañez E, Melguizo A, García L; EVIDENT Group. Association between smoking status and the parameters of vascular structure and function in adults: results from the EVIDENT study. *BMC Cardiovasc Disord*. 2013;13:109-109. PMID:24289208. **FI: 2,021**
- Recio-Rodríguez JI, Gomez-Marcos MA, Patino-Alonso MC, Romaguera-Bosch M, Grandes G, Menendez-Suarez M, Lema-Bartolome J, Gonzalez-Viejo N, Agudo-Conde C, Garcia-Ortiz L; EVIDENT Group. Association of television viewing time with central hemodynamic parameters and the radial augmentation index in adults. *Am J Hypertens*. 2013 Apr;26(4):488-94. doi: 10.1093/ajh/hps071. Epub 2013 Jan 7. PubMed PMID: 23467204. **FI: 4,021**
- Rodríguez D, Berenguera A, Pujol-Ribera E, Capella J, Peray JL, Roma J. Current and future competencies for public health professionals]. *Gac Sanit*. 2013 Sep-Oct;27(5):388-97. doi: 10.1016/j.gaceta.2012.10.005. Epub 2012 Dec 4. Spanish. PubMed PMID: 23218974. **FI: 1,326**
- Romero A, Homs E, Zabaleta E. Knowledge about medications and products to prevent and treat pressure ulcers: a cross-sectional survey of nurses and physicians in a Primary Health Care setting. *J Clin Nurs*. 2013;22(17-18):2562-2571. PMID:23551561. **FI: 1,118**
- Serral G, Puigpinós-Riera R, Maydana E, Pons-Vigués M, Borrell C. Percepción de los profesionales de salud sobre el Programa de Detección Precoz del Cáncer de Mama en Barcelona. *Revista de Calidad Asistencial*. 2013;28(4):244-253. PMID:23791127.

Sicras Mainar A, Muñoz Ortí G, Font Ramos B, Majós Oró N, Navarro Artieda R, Ibáñez Nolla J. [Relationship of polymedication in controlling blood pressure: compliance, persistence, costs and incidence of new cardiovascular events]. *Med Clin (Barc)*. 2013 Jul 21;141(2):53-61. doi: 10.1016/j.medcli.2012.04.026. Epub 2012 Jul 4. Spanish. PubMed PMID: 22766057. **FI: 1,385**

Simó R, Plana-Ripoll O, Puente D, Morros R, Mundet X, Vilca LM, Hernández C, Fuentes I, Procupet A, Tabernero JM, Violán C. Impact of glucose-lowering agents on the risk of cancer in type 2 diabetic patients. The barcelona case-control study. *PLoS One*. 2013 Nov 21;8(11):e79968. doi: 10.1371/journal.pone.0079968. PubMed PMID: 24278227; PubMed Central PMCID: PMC3836986. **FI: 4,092**

Tajuddin SM, Amaral AF, Fernández AF, Rodríguez-Rodero S, Rodríguez RM, Moore LE, Tardón A, Carrato A, García-Closas M, Silverman DT, Jackson BP, García-Closas R, Cook AL, Cantor KP, Chanock S, Kogevinas M, Rothman N, Real FX, Fraga MF, Malats N; Spanish Bladder Cancer/EPICURO Study Investigators. Genetic and non-genetic predictors of LINE-1 methylation in leukocyte DNA. *Environ Health Perspect*. 2013;121(6):650-656. PMID:23552396. **FI: 7,036**

Vila-Corcoles A, Ochoa-Gondar O, Rodriguez-Blanco T, de Diego C, Satue E; EPIVAC Study Group. Ineffectiveness of pneumococcal vaccination in cardiovascular prevention: the CAPAMIS study. *JAMA Intern Med*. 2013 Nov 11;173(20):1918-20. doi: 10.1001/jamainternmed.2013.6901. Erratum in: *JAMA Intern Med*. 2013 Nov 25;173(21):2014. PubMed PMID: 23712335.

Violán C, Foguet-Boreu Q, Hermosilla-Pérez E, Valderas JM, Bolívar B, Fàbregas-Escurriola M, Brugulat-Guiteras P, Muñoz-Pérez MÁ. Comparison of the information provided by electronic health records data and a population health survey to estimate prevalence of selected health conditions and multimorbidity. *BMC Public Health*. 2013 Mar 21;13:251. doi:10.1186/1471-2458-13-251. PubMed PMID: 23517342; PubMed Central PMCID: PMC3659017. **FI: 1,997**

Violán C, Plana-Ripoll O, Foguet-Boreu Q, Bolívar B, Aguado A, Navarro-Artieda R, Velasco-Velasco S, Sicras-Mainar A; ACG® Study Group. Relationship between efficiency and clinical effectiveness indicators in an adjusted model of resource consumption: a cross-sectional study. *BMC Health Serv Res*. 2013 Oct 18;13:421. doi: 10.1186/1472-6963-13-421. PubMed PMID: 24139144; PubMed Central PMCID:PMC3853183. **FI: 1,660**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	10
TOTAL NUMBER OF PROJECTS IN WHICH GROUP MEMBERS HAVE PARTICIPATED	50
TOTAL NUMBER OF PROJECTS IN WHICH THE PI OF THE PROJECT HAS BELONGED TO THE GROUP	16
TOTAL FUNDING	2.215.991,17€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	27
TOTAL IMPACT FACTOR	87,17
Nº OF ARTICLES IN Q1 JOURNALS	9
Q1 IF	59,211
Nº OF ARTICLES IN Q2 JOURNALS	12
Q2 IF	20,057

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.

Lines: 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
Marsal Mora, Josep Ramon
Real Gatus, Jordi
Ribes Murillo, Esther Noemi
Serna Arnaiz, Maria Catalina
Serra Paya, Noemi
Yuguero Torres, Oriol

Research 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 - 2016

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 - 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: 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 - 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

IP: Violan Fors, Concepció. *Multimorbilidad, Polimedicación y Consumo de recursos en una muestra poblacional de personas mayores de 65 años en atención primaria.* Funding: Fundació Agrupació Mútua. Duration: 2012 - 2014

IP: Galindo Ortego, Gisela. *Incidència del risc de fractura osteoporòtica i relació amb l'exposició a bifosfonats. Estudi observacional amb base de dades clíniques poblacionals: OSTEOPRAC.* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2014

IP: Juanós Lanuza, Meritxell. *Estudi d'adherència a la dieta mediterrània de la població infantil d'una àrea de salut rural.* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2014

IP: Serna Arnaiz, Maria Catalina. *La mejora del control de los factores de riesgo vascular a nivel de Atención Primaria se relacionan con la mortalidad, el número de ingresos y procedimientos hospitalarios específicos.* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2014

IP: Yuguero Torres, Oriol. *Estudio de valoración de la calidad de vida en pacientes con Cardiopatía Isquémica.* Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2014

Articles

Candell-Riera J, Ferreira-González I, Marsal JR, Agudé-Bruix S, Cuberas-Borrós G, Pujol P, Romero-Farina G, Nazarena-Pizzi M, de León G, Castell-Conesa J, García-Dorado D. Usefulness of exercise test and myocardial perfusion-gated single photon emission computed tomography to improve the prediction of major events. *Circ Cardiovasc Imaging*. 2013 Jul;6(4):531-41. doi: 10.1161/CIRCIMAGING.112.000158. Epub 2013 Jun 13. PubMed PMID: 23766340.

Dos L, Pujadas S, Estruch M, Mas A, Ferreira-González I, Píjuan A, Serra R, Ordóñez-Llanos J, Subirana M, Pons-Lladó G, Marsal JR, García-Dorado D, Casaldàliga J. Eplerenone in systemic right ventricle: double blind randomized clinical trial. The evedes study. *Int J Cardiol*. 2013 Oct 15;168(6):5167-73. doi: 10.1016/j.ijcard.2013.07.163. Epub 2013 Jul 25. PubMed PMID: 23972966. **FI: 7,078**

Ferreira-González I, Pinar-Sopena J, Ribera A, Marsal JR, Cascant P, González-Alujas T, Evangelista A, Brotons C, Moral I, Permanyer-Miralda G, García-Dorado D, Tornos P. Prevalence of calcific aortic valve disease in the elderly and associated risk factors: a population-based study in a Mediterranean area. *Eur J Prev Cardiol*. 2013 Dec;20(6):1022-30. doi: 10.1177/2047487312451238. Epub 2012 Jun 7. PubMed PMID: 22679252

Molló M, Marsal JR, Mauricio D. Latent autoimmune diabetes in adults is perched between type 1 and type 2: evidence from adults in one region of Spain. *Diabetes Metab Res Rev*. 2013;29(6):446-451. PMID:23483713. **FI: 3,373**

Puente D, Zabaleta E, Pueyo MJ, Saltó E, Marsal JR, Bolibar B. Cigarette smoking prevalence and associated factors in secondary school children in Catalunya. *Aten Primaria*. 2013;45(6):315-23. PMID:23411164. **FI: 0,627**

Serra-Paya N, Ensenyat A, Real J, Castro-Viñuales I, Zapata A, Galindo G, Solé-Mir E, Bosch-Muñoz J, Mur JM, Teixidó C. Evaluation of a family intervention programme for the treatment of overweight and obese children (Nereu Programme): a randomized clinical trial study protocol. *BMC Public Health*. 2013 Oct 23;13:1000. doi: 10.1186/1471-2458-13-1000. PubMed PMID: 24153001; PubMed Central PMCID:PMC4015510. **FI: 1,997**

Soler J, Rodríguez A, Ribera J, Peñasal E, Serna MC, Martí RM. Medicina de familia como asignatura obligatoria en el grado de medicina de la Universitat de Lleida: análisis de la percepción de los estudiantes. *Educación médica*. 2013;16(2):83-89.

Indicators

INDICATOR	2013
RESEARCHERS WITH PHD	2
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	5
TOTAL FUNDING	141.486,00€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	4
TOTAL IMPACT FACTOR	13,08
Nº OF ARTICLES IN Q1 JOURNALS	2
Q1 IF	7,078
Nº OF ARTICLES IN Q2 JOURNALS	2
Q2 IF	5,37

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
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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: 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 - 2015

Articles

Gómez-Rioja, R, Alvarez V, Ventura M, Alsina MJ, Barba N, Cortes M, Llopis MA, Martinez C, Ibarz M. Current Status of Validation Practices in Clinical Biochemistry in Spain. Clin Chem Lab Med. 2013;51(9):1739-1746. PMID:23612663. **FI: 2,150**

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, 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 (componentes monoclonales) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). www.seqc.es. 2013;1(1):227-240. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/120.%20Componentes%20Monoclonales.pdf>

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XII programa de garantía externa de la calidad de Bioquímica (marcadores cardíacos) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). *www.seqc.es*. 2013;1(1):213-224. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/110.%20Marcadores%20Cardíacos.pdf>

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XII programa de garantía externa de la calidad de Bioquímica (marcadores tumorales) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). *www.seqc.es*. 2013;1(1):175-192. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/100.%20Marcadores%20Tumorales.pdf>

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XIX programa de garantía externa de la calidad de Bioquímica (Proteínas) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). *www.seqc.es*. 2013;1(1):137-167. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/70.%20Proteinas.pdf>

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XVI programa de garantía externa de la calidad de Bioquímica (hemoglobina A1c) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). *www.seqc.es*. 2013;1(1):188-190. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/90.%20Hemoglobina%20A1c.pdf>

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, 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 (gases en sangre-POCT) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). *www.seqc.es*. 2013;1(1):171-185. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/80.%20Gases%20en%20sangre-POCT.pdf>

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, Martínez C, Minchinela J, Perich C, Ricós C, Salas A, Simon M, Ventura E, Ventura M. XXII programa de garantía externa de la calidad de Bioquímica (orina) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). *www.seqc.es*. 2013;1(1):71-94. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/50.%20Orina.pdf>

Ramón F, Alsina M, Alvarez V, Biosca C, Boned B, Bullich S, Cava F, Cortés M, Domenech M, Fernández P, Fernández MP, García JV, Martínez C, Minchinela J, Perich C, Ricós C, Simon M, Ventura E, Ventura M. XXI programa de garantía externa de la calidad de Bioquímica (hormonas/Inmunoanálisis) de la Sociedad Española de Bioquímica Clínica y Patología Molecular (2012). *www.seqc.es*. 2013;1(1):97-134.

Salvador B, Rodríguez LM, Güell R, Alvarez V, Sanz H, Tovillas FJ. Estimación del filtrado glomerular según MDRD-4 IDMS y CKD-EPI en individuos de edad igual o superior a 60 años en Atención Primaria. *Nefrología*. 2013;33(4):552-563. PMID:23897188. **FI: 1,000**

Indicators

INDICATOR	2013
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	
TOTAL FUNDING	11.916,08€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	2
TOTAL IMPACT FACTOR	3,15
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	2,15

Research group: RPP-AP (Relation between Results Perceived by Patients and Treatment in Primary Care; clinical results, adherence, variability in the use of medicines and health services)

The group is made up of multidisciplinary team of researchers from IDIAP Jordi Gol, from the Research Support Unit and from primary health care in the Barcelona area, and includes, among others, doctors specialised in preventive medicine and public health, family doctors, psychologists and sociologists.

The principal mission or objective of the group is to provide knowledge and evidence to improve the effectiveness and efficiency of the approach to health problems, especially chronic problems prevalent in primary health care, with incorporation of the patient's perspective.

Lines: Validation of instruments for measuring patient-perceived results. Relation between patient-perceived results and attention given in primary health care (clinical results, adherence, variability in the use of medicines and health services).

GROUP LEADER

Pujol Ribera, Enriqueta



RESEARCHERS

Amado Guirado, Ester
Berenguera Ossó, Anna
del Val García, José Luis
Moix Queraltó, Joana
Nuñez Juárez, Esther
Nuñez Juárez, Montserrat
Pacheco Huergo, Valeria
Rodríguez Blanco, M Teresa
Roura Olmeda, Pilar

Research 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 - 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: 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: 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: Violan 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 - 2015

IP: Vedia Urgell, Cristina. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015

IP: Baena Diez, Jose Miguel. *Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 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: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Fabra Casado, Maria Lluïsa. *Anàlisi comparatiu de dues estratègies terapèutiques aplicades a la gonartrosis*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Möller Parera, Mercedes. *Avaluació de l'efectivitat d'un programa de Rehabilitació Respiratòria precoç en pacients amb tuberculosi pulmonar*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Martín Sanchez, Mario. *Implantació d'un programa multidisciplinar en el tractament de l'ATM en l'àmbit de l'Atenció Primària*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Coma Auli, Nuria. *Estudio cualitativo sobre la percepción del riesgo de infecciones de transmisión sexual y VIH en trabajadoras del sexo comercial nigerianas residentes en Barcelona*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Fuentes Camps, Eva Maria. *Orientación Diagnóstica de la Trombosis Venosa Profunda en Atención Primaria de Salud. Estudio de Coste-Efectividad*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Guitart Gonzalez, Queral. *Malalt crònic complex: Centres d'Urgències d'Atenció Primària (CUAP), urgències hospitalàries i relació entre aquests dispositius*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Campo Osaba, Maria Antonia. *Actividad comunitaria de promoción de la salud: resultados de un ensayo clínico*. Funding: Laboratorios Dr. Esteve, S.A. Duration: 2013 - 2014

IP: Muñoz Pérez, Miguel Angel. *Valor pronóstico del criterio utilizado para el diagnóstico de los pacientes con insuficiencia cardíaca*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014

IP: Cegri Lombardo, Francisco. *Seguiment als 7 anys d'una cohort de gent gran no institucionalitzada. Validació predictiva d'un instrument de detecció de fragilitat en l'Atenció Primària*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2014

IP: Violan Fors, Concepció. *Multimorbilidad, Polimedicación y Consumo de recursos en una muestra poblacional de personas mayores de 65 años en atención primaria*. Funding: Fundació Agrupació Mútua. Duration: 2012 - 2014

IP: Martín Asuero, Andres. *Efectivitat d'un programa formatiu amb comunicació conscient en la reducció del malestar psicològic i la millora de la relació professional sanitari-pacient a l'Atenció Primària*. Funding: Duration: 2011 - 2013

Articles

Coma Auli N, Mejía-Lancheros C, Berenguera A, Mayans MV, Lasagabaster MA, Pujol-Ribera E. Risk perception of sexually transmitted infections and HIV in Nigerian commercial sex workers living in Barcelona: a study protocol. *BMJ Open*. 2013 Jul 30;3(7). pii: e003345. doi: 10.1136/bmjopen-2013-003345. PubMed PMID:23901029; PubMed Central PMCID: PMC3731713. **FI: 1,583**

Díaz-Gete L, Puigdomènech E, Briones EM, Fàbregas-Escurriola M, Fernandez S, Del Val JL, Ballvé JL, Casajuana M, Sánchez-Fondevila J, Clemente L, Castaño C, Martín-Cantera C; Grupo Estudio TABATIC. Effectiveness of an intensive E-mail based intervention in smoking cessation (TABATIC study): study protocol for a randomized controlled trial. *BMC Public Health*. 2013 Apr 18;13:364. doi:10.1186/1471-2458-13-364. PubMed PMID: 23597262; PubMed Central PMCID:PMC3648415. **FI: 1,660**

Martín Asuero A, Rodríguez Blanco T, Pujol-Ribera E, Berenguera A, Moix Queralto J. [Effectiveness of a mindfulness program in primary care professionals]. *Gac Sanit*. 2013 Nov-Dec;27(6):521-8. doi:10.1016/j.gaceta.2013.04.007. Epub 2013 May 28. Spanish. PubMed PMID: 23721869. **FI: 1,326**

Mata J, Benito B, Roura P, Franch J, Pepió J, Coll G. Clinical inertia in the treatment of hyperglycemia in type 2 diabetes patients in primary care. *Curr Med Res Opin*. 2013;29:1495-502. PMID:23944631. **FI: 2,380**

Monteagudo M, Rodríguez-Blanco M, Pueyo MJ, Zabaleta E, Mercader M, García J, Pujol E, Bolívar B. Gender differences in negative mood states in secondary school students: health survey in Catalonia (Spain). *Gac Sanit.* 2013;27(1):32-9. PMID:22464025. **FI: 1,326**

Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Ferrer M, Miravittles M. Factors associated with changes in quality of life of COPD patients: a prospective study in primary care. *Respir Med.* 2013 Oct;107(10):1589-97. doi: 10.1016/j.rmed.2013.05.009. Epub 2013 Jun 17. PubMed PMID: 23786889. **FI: 2,475**

Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Granollers S, Ferro JJ, Acedo M, Almeda J, Rodríguez-Latre L, Muñoz L, Miravittles M. Effect of health professional education on outcomes of chronic obstructive pulmonary disease in primary care: a non-randomized clinical trial. *Respirology.* 2013 May;18(4):718-27. doi: 10.1111/resp.12074. PubMed PMID: 23438203. **FI: 2,416**

Mundet-Tuduri X, Iglesias-Rodal M, Olmos-Dominguez C, Bernard-Antoranz ML, Fernandez-San Martin MI, Amado-Guirado E. Cardiovascular risk factors in chronic treatment with antipsychotic agents used in primary care. *Rev Neurol.* 2013 Dec 1;57(11):495-503. Spanish, English. PubMed PMID: 24265143. **FI: 1,218**

Ochoa Gondar O, Vila Córcoles A, Rodríguez Blanco T, de Diego Cabanes C, Salsench Serrano E, Hospital Guardiolà I. [Ability of the modified CRB75 severity scale in assessing elderly patients with community acquired pneumonia]. *Aten Primaria.* 2013 Apr;45(4):208-15. doi: 10.1016/j.aprim.2012.12.005. Epub 2013 Jan 28. Spanish. PubMed PMID: 23369644. **FI: 0,627**

Ochoa-Gondar O, Vila-Corcoles A, Rodríguez-Blanco T, Hospital I, Salsench E, Ansa X, Saun N; EPIVAC Study Group. Validation of the CORB75 (confusion, oxygen saturation, respiratory rate, blood pressure, and age ≥ 75 years) as a simpler pneumonia severity rule. *Infection.* 2014 Apr;42(2):371-8. doi:10.1007/s15010-013-0565-1. Epub 2013 Nov 29. PubMed PMID: 24293055. **FI: 2,659**

Rodríguez D, Berenguera A, Pujol-Ribera E, Capella J, Peray JL, Roma J. Current and future competencies for public health professionals]. *Gac Sanit.* 2013 Sep-Oct;27(5):388-97. doi: 10.1016/j.gaceta.2012.10.005. Epub 2012 Dec 4. Spanish. PubMed PMID: 23218974. **FI: 1,326**

Vila-Corcoles A, Ochoa-Gondar O, Rodríguez-Blanco T, de Diego C, Satue E; EPIVAC Study Group. Ineffectiveness of pneumococcal vaccination in cardiovascular prevention: the CAPAMIS study. *JAMA Intern Med.* 2013 Nov 11;173(20):1918-20. doi: 10.1001/jamainternmed.2013.6901. Erratum in: *JAMA Intern Med.* 2013 Nov 25;173(21):2014. PubMed PMID: 23712335.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	5
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	
TOTAL FUNDING	358.683,22€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	11
TOTAL IMPACT FACTOR	19
Nº OF ARTICLES IN Q1 JOURNALS	1
Q1 IF	2,38
Nº OF ARTICLES IN Q2 JOURNALS	6
Q2 IF	10,772

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

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

Research projects

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

IP: Prieto Alhambra, Daniel. *Multinational, multi-database drug utilization study of inhaled NVA237 in Europe.* Funding: Synapse Research Management Partners,SL. Duration: 2013 - 2016

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, SL. 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:** 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 - 2015
- 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 - 2015
- IP:** Prieto Alhambra, Daniel. *Evaluación de Servicios de Salud en Artroplastias de Rodilla y Cadera: predictores pre-quirúrgicos de supervivencia de prótesis*. Estudio coordinado PRESS-UP y ESSARC. Funding: Instituto de Salud Carlos III. Duration: 2012 - 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:** Violan 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 - 2015
- IP:** Martin Cantera, Carlos. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Funding: Fundació Mutua Madrileña. Duration: 2010 - 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: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Martin Cantera, Carlos. *Efectivitat d'una intervenció per reduir la conducció sota els efectes de l'alcohol entre conductors. Prova pilot*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Grau Magaña, Maria. *Efecto de los marcadores de inflamación y oxidación lipídica en la asociación entre la osteoporosis y la enfermedad cardiovascular: un estudio poblacional*. Funding: Fundació IMIM . Duration: 2013 - 2014
- IP:** Otero Romero, Susana. *Comorbilidad y utilización de los servicios de Atención Primaria en pacientes con esclerosis múltiple*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014
- IP:** Segura Noguera, Josep M^a. *Efectividad de una intervención multifactorial para la modificación de parámetros de fragilidad en población anciana: Estudio FRAGILITY*. Funding: Laboratorios Dr. Esteve, S.A. Duration: 2013 - 2014
- IP:** Prieto Alhambra, Daniel. *Effect of Chondroitin Sulphate on progression of knee osteoarthritis to Total Knee Arthroplasty: a propensity-score matched cohort study*. Funding: Bioiberica, S.A. Duration: 2012 - 2014
- IP:** Domingo Teixidor, M^a Mar. *Efectividad de un programa de ejercicio físico en la insuficiencia cardíaca en atención primaria, para mejorar la calidad de vida, la capacidad funcional y factores pronósticos-EFICAR*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2014
- IP:** Prieto Alhambra, Daniel. *Efecto de la Diabetes tipo II sobre la incidencia de Fractura Osteoporótica: Estudio DIAFOS*. Funding: FEIOMM. Duration: 2012 - 2013
- IP:** Prieto Alhambra, Daniel. *Trends of use of different medications to treat Osteoarthritis in Primary Health Care in the 21st century: a population-based study*. Funding: Bioiberica, S.A. Duration: 2012 - 2013
- IP:** Muñoz Ortego, Juan. *Epidemiología de las Fracturas en pacientes con Espondilitis Anquilosante (estudio EFREA): estudio de cohortes de base poblacional*. Funding: Fundación Española de Reumatología (FER). Duration: 2012 - 2013
- IP:** Prieto Alhambra, Daniel. *Trends of use of anti-osteoporosis medications in Catalonia: a population-based study*. Funding: Amgen, S.A.. Duration: 2012 - 2013
- IP:** Prieto Alhambra, Daniel. *Fractures and related mortality in England & Wales (UK) compared to Catalonia (Spain)*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2013
- IP:** Ferrer Feliu, Assumpta. *Ensayo clínico aleatorizado de caídas y malnutrición en personas de 85 años en la comunidad*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

IP: Martin Cantera, Carlos. *Ejercicio físico, forma física y patrón dietético y su relación con el perfil circadiano de presión arterial. Augmentation Index y marcadores biológicos de disfunción endotelial (Estudio EVIDENT)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Díaz-Gete L, Puigdomènech E, Briones EM, Fàbregas-Escurriola M, Fernandez S, Del Val JL, Ballvé JL, Casajuana M, Sánchez-Fondevila J, Clemente L, Castaño C, Martín-Cantera C; Grupo Estudio TABATIC. Effectiveness of an intensive E-mail based intervention in smoking cessation (TABATIC study): study protocol for a randomized controlled trial. *BMC Public Health*. 2013 Apr 18;13:364. doi:10.1186/1471-2458-13-364. PubMed PMID: 23597262; PubMed Central PMCID:PMC3648415. **FI: 1,660**

García-Giralt N, Rodríguez-Sanz M, Prieto-Alhambra D, Servitja S, Torres-Del Pliego E, Balcells S, Albanell J, Grinberg D, Díez-Pérez A, Tusquets I, Nogués X. Genetic determinants of aromatase inhibitor-related arthralgia: the B-ABLE cohort study. *Breast Cancer Res Treat*. 2013;140:385-395. PMID:23868189. **FI: 4,431**

Giné M, Martin C, Puig A, Martin C, Solà M, Cuesta AI. The Effect of a Physical Activity Program on the Total Number of Primary Care Visits in Inactive Patients: A 15-Month Randomized Controlled Trial. *PLoS ONE*. 2013;21(8):e66392-e66392. PMID:23805219. **FI: 4,092**

Gómez MA, Recio JJ, Patino C, Agudo C, Fernández C, Martínez V, Martin C, Gonzalez MN, García L. Electrocardiographic Left Ventricular Hypertrophy Criteria and Ambulatory Blood Pressure Monitoring Parameters in Adults. *Am J Hypertens*. 2013;Nov 4:1-8. PMID:24190901. **FI: 3,181**

Gorostidi M, Sarafidis PA, de la Sierra A, Segura J, de la Cruz JJ, Banegas JR, Ruilope LM; Spanish ABPM Registry Investigators. Differences Between Office and 24-Hour Blood Pressure Control in Hypertensive Patients With CKD: A 5,693-Patient Cross-sectional Analysis From Spain. *Am J Kidney Dis*. 2013;62(2):285-294. PMID:23689071. **FI: 5,434**

Güerri-Fernandez R, Vestergaard P, Carbonell C, Knobel H, Avilés FF, Castro AS, Nogués X, Prieto-Alhambra D, Díez-Pérez A. HIV infection is strongly associated with hip fracture risk, independently of age, gender, and comorbidities: a population-based cohort study. *J Bone Miner Res*. 2013 Jun;28(6):1259-63. doi: 10.1002/jbmr.1874. PubMed PMID: 23362011. **FI: 6,373**

Kendal AR, Prieto-Alhambra D, Arden NK, Carr A, Judge A. Mortality rates at 10 years after metal-on-metal hip resurfacing compared with total hip replacement in England: retrospective cohort analysis of hospital episode statistics. *BMJ*. 2013;347:f6549-f6549. PMID:24284336. **FI: 14,093**

Kynaston-Pearson F, Ashmore AM, Malak TT, Rombach I, Taylor A, Beard D, Arden NK, Price A, Prieto-Alhambra D, Judge A, Carr AJ, Glyn-Jones S. Primary hip replacement prostheses and their evidence base: systematic review of literature. *BMJ*. 2013;347:f6956-f6956. PMID:24355538. **FI: 14,093**

Martin C. Definition of hospital discharge, serious injury and death from traffic injuries. [En premsa]. *Gac Sanit*. 2013;Dec 21:1-1. PMID:24365522. **FI: 1,326**

Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Granollers S, Ferro JJ, Acedo M, Almeda J, Rodríguez-Latre L, Muñoz L, Miravittles M. Effect of health professional education on outcomes of chronic obstructive pulmonary disease in primary care: a non-randomized clinical trial. *Respirology*. 2013 May;18(4):718-27. doi: 10.1111/resp.12074. PubMed PMID: 23438203. **FI: 2,416**

Pages-Castella A, Prieto-Alhambra D. [Degenerative osteoarthritis, osteoporosis and fractures: controversies and evidences]. [Article revisió]. *Med Clin (Barc)*. 2013;141:217-220. PMID:23540390. **FI: 1,385**

Premaor MO, Compston JE, Avilés FF, Pagès-Castellà A, Nogués X, Díez-Pérez A, Prieto-Alhambra D. The association between fracture site and obesity in men: A population-based cohort study. *J Bone Miner Res*. 2013 Jan 31. doi:10.1002/jbmr.1878. [Epub ahead of print] PubMed PMID: 23371035. **FI: 6,373**

Prieto-Alhambra D, Díez-Pérez A. Do we need to fine-tune the Spanish version of the FRAX predictive tool? *J Clin Densitom*. 2013 Apr-Jun;16(2):133-4. doi: 10.1016/j.jocd.2012.06.001. Epub 2012 Aug 22. PubMed PMID: 22921774. **FI: 1,295**

Prieto-Alhambra D, Judge A, Javaid MK, Cooper C, Díez-Pérez A, Arden NK. Incidence and risk factors for clinically diagnosed knee, hip and hand osteoarthritis: influences of age, gender and osteoarthritis affecting other joints. *Ann Rheum Dis*. 2013 Jun 6. [Epub ahead of print] PubMed PMID:23744977;PubMed Central PMCID: PMC3875433.

FI: 8,727

Prieto-Alhambra D, Nogues X, Javaid MK, Wyman A, Arden NK, Azagra R, Cooper C, Adachi JD, Boonen S, Chapurlat RD, Compston JE, Gehlbach SH, Greenspan SL, Hooven FH, Netelenbos JC, Pfeilschifter J, Rossini M, Sambrook PN, Silverman S, Siris ES, Watts NB, Díez-Pérez A. An increased rate of falling leads to a rise in fracture risk in postmenopausal women with self-reported osteoarthritis: a prospective multinational cohort study (GLOW). *Ann Rheum Dis*. 2013 Jun;72(6):911-7. doi: 10.1136/annrheumdis-2012-201451. Epub 2012 Jun 23. PubMed PMID: 22730372. **FI: 8,727**

Recio J, Gómez MA, Patino C, Martin C, Ibañez E, Melguizo A, García L; EVIDENT Group. Association between smoking status and the parameters of vascular structure and function in adults: results from the EVIDENT study. *BMC Cardiovasc Disord*. 2013;13:109. PMID:24289208. **FI: 2,021**

Recio-Rodriguez JI, Gomez-Marcos MA, Patino-Alonso MC, Romaguera-Bosch M, Grandes G, Menendez-Suarez M, Lema-Bartolome J, Gonzalez-Viejo N, Agudo-Conde C, Garcia-Ortiz L; EVIDENT Group. Association of television viewing time with central hemodynamic parameters and the radial augmentation index in adults. *Am J Hypertens*. 2013 Apr;26(4):488-94. doi: 10.1093/ajh/hps071. Epub 2013 Jan 7. PubMed PMID: 23467204. **FI: 4,021**

Vestergaard P, Prieto-Alhambra D, Javaid MK, Cooper C. Fractures in users of antidepressants and anxiolytics and sedatives: effects of age and dose. *Osteoporos Int*. 2013 Feb;24(2):671-80. doi: 10.1007/s00198-012-2043-5. Epub 2012 Jun 6. PubMed PMID: 22669469; PubMed Central PMCID: PMC3658008. **FI: 4,580**

Yoskovitz G, Garcia-Giralt N, Rodriguez-Sanz M, Urreizti R, Guerri R, Ariño-Ballester S, Prieto-Alhambra D, Mellibovsky L, Grinberg D, Nogues X, Balcells S, Díez-Pérez A. Analyses of RANK and RANKL in the post-GWAS context: functional evidence of vitamin D stimulation through a RANKL distal region. *J Bone Miner Res*. 2013;28:2250-2260. PMID:23744843. **FI: 6,373**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	5
TOTAL NUMBER OF PROJECTS IN WHICH GROUP MEMBERS HAVE PARTICIPATED	27
TOTAL NUMBER OF PROJECTS IN WHICH THE PI OF THE PROJECT HAS BELONGED TO THE GROUP	17
TOTAL FUNDING	1.200.875,52€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	18
TOTAL IMPACT FACTOR	100,6
Nº OF ARTICLES IN Q1 JOURNALS	13
Q1 IF	90,498
Nº OF ARTICLES IN Q2 JOURNALS	3
Q2 IF	4,371

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 is represents among certain vulnerable groups.

GROUP LEADER

Arija Val, Victoria



RESEARCHERS

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

Research 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: 2013 - 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 - 2016

IP: Martín Lujan, 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 - 2015

IP: Arija Val, Victoria. Efectividad de la adaptación de la dosis de suplementación con hierro en el embarazo sobre la salud materno-filial. Ensayo Clínico Aleatorizado. Funding: Universitat Rovira i Virgili. Duration: 2013 - 2014

IP: Marzo Castillejo, Maria Merce. The effect of consumption of kiwi fruit on constipation in adults. Duration: 2013 - 2014

IP: Bejarano Romero, Ferran. Eficacia comparativa de dos intervenciones del médico de familia para el abandono del consumo crónico de benzodiazepinas. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Aparicio E, Canals J, Voltas N, Hernández-Martínez C, Arijá V. Emotional psychopathology and increased adiposity: follow-up study in adolescents. *J Adolesc.* 2013 Apr;36(2):319-30. doi: 10.1016/j.adolescence.2012.12.003. Epub 2013 Feb 21. PubMed PMID: 23434271. **FI: 2,050**

Aranda N, Ribot B, Viteri F, Cavallé P, Arijá V. Predictors of haemoconcentration at delivery: association with low birth weight. *Eur J Nutr.* 2013 Sep;52(6):1631-9. doi: 10.1007/s00394-012-0468-4. Epub 2012 Dec 18. PubMed PMID: 23247927. **FI: 2,462**

Arijá V, Ribot B, Aranda N. Prevalence of iron deficiency states and risk of haemoconcentration during pregnancy according to initial iron stores and iron supplementation. *Public Health Nutr.* 2013 Aug;16(8):1371-8. doi: 10.1017/S1368980013000608. Epub 2013 Mar 11. PubMed PMID: 23472860. **FI: 2,169**

Castañer O, Corella D, Covas MI, Sorlí JV, Subirana I, Flores-Mateo G, Nonell L, Bulló M, de la Torre R, Portolés O, Fitó M; PREDIMED study investigators. In vivo transcriptomic profile after a Mediterranean diet in high-cardiovascular risk patients: a randomized controlled trial. *Am J Clin Nutr.* 2013 Sep;98(3):845-53. doi: 10.3945/ajcn.113.060582. Epub 2013 Jul 31. PubMed PMID:23902780. **FI: 6,669**

Estruch R, Ros E, Salas-Salvadó J, Covas MI, Corella D, Arós F, Gómez-Gracia E, Ruiz-Gutiérrez V, Fiol M, Lapetra J, Lamuela-Raventós RM, Serra-Majem L, Pintó X, Basora J, Muñoz MA, Sorlí JV, Martínez JA, Martínez-González MA; PREDIMED Study Investigators. Primary prevention of cardiovascular disease with a Mediterranean diet. *N Engl J Med.* 2013 Apr 4;368(14):1279-90. doi:10.1056/NEJMoal200303. Epub 2013 Feb 25. PubMed PMID: 23432189. **FI: 53,298**

Fernandez-Cao JC, Arijá V, Aranda N, Bullo M, Basora J, Martínez-González MA, Díez-Espino J, Salas-Salvadó J. Heme iron intake and risk of new-onset diabetes in a Mediterranean population at high risk of cardiovascular disease: an observational cohort analysis. *BMC Public Health.* 2013 Nov 4;13:1042. doi: 10.1186/1471-2458-13-1042. PubMed PMID: 24188615. **FI: 1,997**

Fernández-San-Martín MI, Martín-López LM, Masa-Font R, Olona-Tabueña N, Roman Y, Martín-Royo J, Oller-Canet S, González-Tejón S, San-Emeterio L, Barroso-García A, Viñas-Cabrera L, Flores-Mateo G. The effectiveness of lifestyle interventions to reduce cardiovascular risk in patients with severe mental disorders: meta-analysis of intervention studies. *Community Ment Health J.* 2014 Jan;50(1):81-95. doi: 10.1007/s10597-013-9614-6. Epub 2013 Jun 6. PubMed PMID:23739948. **FI: 1,030**

Flores G, Rojas-Rueda D, Basora J, Ros E, Salas J. Nut intake and adiposity: meta-analysis of clinical trials. *Am J Clin Nutr.* 2013;97:1346-1355. PMID:23595878. **FI: 6,669**

Ibarrola-Jurado N, Bulló M, Guasch-Ferré M, Ros E, Martínez-González MA, Corella D, Fiol M, Wärnberg J, Estruch R, Román P, Arós F, Vinyoles E, Serra-Majem L, Pintó X, Covas MI, Basora J, Salas-Salvadó J; PREDIMED Study Investigators. Cross-sectional assessment of nut consumption and obesity, metabolic syndrome and other cardio-metabolic risk factors: the PREDIMED study. *PLoS One.* 2013;8(2):e57367. doi: 10.1371/journal.pone.0057367. Epub 2013 Feb 27. PubMed PMID: 23460844; PubMed Central PMCID: PMC3583833. **FI: 4,092**

Juanola-Falgarona M, Cándido-Fernández J, Salas-Salvadó J, Martínez-González MA, Estruch R, Fiol M, Arijá-Val V; Mònica Bulló; PREDIMED Study Investigators. Association between serum ferritin and osteocalcin as a potential mechanism explaining the iron-induced insulin resistance. *PLoS One.* 2013 Oct 22;8(10):e76433. doi: 10.1371/journal.pone.0076433. eCollection 2013. PubMed PMID: 24167545; PubMed Central PMCID: PMC3805539. **FI: 4,092**

Martinelli N, García-Heredia A, Roca H, Aranda N, Arijá V, Mackness B, Mackness M, Busti F, Aragonès G, Pedro-Botet J, Pedica F, Cataldo I, Marsillach J, Joven J, Girelli D, Camps J. Paraoxonase-1 status in patients with hereditary hemochromatosis. *J Lipid Res.* 2013 May;54(5):1484-92. doi: 10.1194/jlr.P028977. Epub 2013 Mar 6. PubMed PMID: 23471031; PubMed Central PMCID: PMC3622340. **FI: 5,559**

Mejía-Lancheros C, Estruch R, Martínez-González MA, Salas-Salvadó J, Corella D, Gómez-Gracia E, Fiol M, Lapetra J, Covas MI, Arós F, Serra-Majem L, Pintó X, Basora J, Sorlí JV, Muñoz MA; PREDIMED Study Investigators. Socio-economic status and health inequalities for cardiovascular prevention among elderly Spaniards. *Rev Esp Cardiol.* 2013;66(10):803-811. PMID:24773861. **FI: 2,530**

Merino J, Ferré R, Girona J, Aguas D, Cabré A, Plana N, Vinuesa A, Ibarretxe D, Basora J, Buixadera C, Masana L. Even low physical activity levels improve vascular function in overweight and obese postmenopausal women. *Menopause.* 2013 Oct;20(10):1036-42. doi: 10.1097/GME.0b013e31828501c9. PubMed PMID: 23481124. **FI: 3,758**

Ribot B, Aranda N, Giral M, Romeu M, Balaguer, Arijá V. Effect of different doses of iron supplementation during pregnancy on maternal and infant health. *Ann Hematol.* 2013;92(2):221-229. PMID:23053178. **FI: 2,615**

Ribot B, Isern R, Hernández-Martínez C, Canals J, Aranda N, Arijá V. [Tobacco habit, second-hand smoking and smoking cessation during pregnancy. Effects on newborn's health.]. *Med Clin (Barc)*. 2013 Dec 19. pii: S0025-7753(13)00788-4. doi: 10.1016/j.medcli.2013.09.040. [Epub ahead of print] Spanish. PubMed PMID: 24361155. **FI: 1,385**

Romeu M, Aranda N, Giralt M, Ribot B, Nogues MR, Arijá V. Diet, iron biomarkers and oxidative stress in a representative sample of Mediterranean population. *Nutr J*. 2013 Jul 16;12:102. doi: 10.1186/1475-2891-12-102. PubMed PMID: 23866833; PubMed Central PMCID: PMC3847655.

Valdivieso-López E, Flores-Mateo G, Molina Gómez JD, Rey-Reñones C, Barrera-Uriarte ML, Duch-Gavaldà J, Valverde-Trillo A. Efficacy of a mobile application for smoking cessation in young people: study protocol for a clustered, randomized trial. *BMC Public Health*. 2013;13:704. PMID:23915067. **FI: 1,997**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	2
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	185.846,55€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	16
TOTAL IMPACT FACTOR	102,37
Nº OF ARTICLES IN Q1 JOURNALS	7
Q1 IF	84,137
Nº OF ARTICLES IN Q2 JOURNALS	8
Q2 IF	17,205

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

Blancafort Sanso, Xavier
Blanco García, M. Elena
Cardenosa Valera, Eugenia
Fernández Sánchez, Ana
Fernández Vergel, Rita
Jiménez Cot, Mònica
Jové Massó, Ana Maria
Louro Fraga, Tamara
Luciano Devis, Juan Vicente
Mendive Arbeloa, Juan Manuel
Pinto-Meza, Alejandra
Rubio Valera, Maria
Serrano Blanco, Antoni
Torres Rodriguez, Annabell Cristina
Verduras Rubio, M^a del Camino

Research projects

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: 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.* 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
- IP:** Blancafort Sanso, Xavier. *Prova pilot per mesurar l'efectivitat d'un programa de formació específic per millorar el maneig de malestar psicològic.* Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Mendive Arbeloa, Juan Manuel. *Suport social i el seu impacte a la salut en el barri de la Mina: creació d'una cohort poblacional.* Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014
- IP:** Luciano Devis, Juan Vicente. *Subtipos clínicos en fibromialgia y estrategias cognitivas de regulación emocional: Un estudio multicéntrico implementado en Atención Primaria.* Duration: 2012 - 2014
- IP:** Serrano Blanco, Antoni. *A Computational Distributed System to Support the Treatment of Patients with Major Depression.* Funding: European Commission. Duration: 2011 - 2014
- IP:** Garcia Campayo, Javier. *Eficacia y coste-efectividad de un programa de psicoterapia asistida por ordenador en el tratamiento de la depresión mayor en atención primaria: estudio controlado randomizado.* Funding: Instituto de Salud Carlos III. Duration: 2011 - 2014
- IP:** Salvador Carulla, Luis. *Prevención primaria de la depresión mediante una intervención basada en el nivel y perfil de riesgo en Atención Primaria: Ensayo aleatorio controlado de conglomerados. El estudio PREDICT-CCRT.* Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

- Bellon JA, Conejo S, Moreno P, King MB, Nazareth I, Martín C, Fernández C, Ballesta MI, Fernández A, Aiarza-guena JM, Montón C, Rodríguez E, Rodríguez A, Serrano A, Gómez M, Muñoz MD, Araujo L, Palao D, Navas D, Aranda JM, Rodríguez A, Salvador L, Luna JD. Preventing the onset on major depression based on the level and profile of risk of primary care attendees: protocol of a cluster randomised trial (the predictD-CCRT study). [Artículo Original]. BMC Psychiatry. 2013;13(1):171. PMID:23782553. **FI: 2,552**
- Bendeck M, Serrano-Blanco A, García-Alonso C, Bonet P, Jordà E, Sabes-Figuera R, Salvador-Carulla L; COSTDEP Group. An integrative cross-design synthesis approach to estimate the cost of illness: an applied case to the cost of depression in Catalonia. J Ment Health. 2013 Apr;22(2):135-54. doi: 10.3109/09638237.2012.745185. Epub 2013 Jan 16. PubMed PMID: 23323630. **FI: 1,398**
- Cuesta-Vargas A, Luciano JV, Peñarrubia-María MT, García-Campayo J, Fernández-Vergel R, Arroyo-Morales M, Serrano-Blanco A; FibroQoL Study Group. Clinical dimensions of fibromyalgia symptoms and development of a combined index of severity: the CODI index. Qual Life Res. 2013 Feb;22(1):153-60. doi:10.1007/s11136-012-0134-6. Epub 2012 Feb 26. PubMed PMID: 22367681. **FI: 2,300**
- Huerta-Ramos E, Iniesta R, Ochoa S, Cobo J, Miquel E, Roca M, Serrano-Blanco A, Teba F, Usall J. Effects of raloxifene on cognition in postmenopausal women with schizophrenia: A double-blind, randomized, placebo-controlled trial. [Artículo Original]. Eur Neuropsychopharmacol. 2013;Dec 1:1-9. PMID:24342775. **FI: 4,046**
- Lopez Y, Andres EM, Serrano A, Bellon JA, Garcia J. Brain changes in long-term zen meditators using proton magnetic resonance spectroscopy and diffusion tensor imaging: a controlled study. [Artículo Original]. PLoS ONE. 2013;8:e58476-e58476. PMID:23536796. **FI: 4,092**
- Lopez Y, Oliván B, Luciano JV, Mayoral F, Roca M, Gili M, Andrés E, Serrano A, Araya R, Magallón R, Garcia J. Low intensity vs. self-guided Internet-delivered psychotherapy for major depression: a multicenter, controlled, randomized study. [Artículo Original]. BMC Psychiatry. 2013;13(1):21-26. PMID:23312003. **FI: 2,552**
- Lopez Y, Serrano A, Bellon JA, Garcia J. Brain changes in long-term zen meditators using proton magnetic resonance spectroscopy and diffusion tensor imaging: a controlled study. [Artículo Original]. PLoS ONE. 2013;3(8):e58476-e58476. PMID: 2353679. **FI: 4,092**
- Luciano JV, Barrada JR, Aguado J, Osma J, García-Campayo J. Bifactor analysis and construct validity of the HADS: A cross-sectional and longitudinal study in fibromyalgia patients. Psychol Assess. 2014 Jun;26(2):395-406. Epub 2013 Dec 2. PubMed PMID: 24295235. **FI: 2,993**
- Luciano JV, Garcia J. Psychometric properties of the Spanish version of the Mindful Attention Awareness Scale (MAAS) in patients with fibromyalgia. [Artículo Original]. Health Qual Life Outcomes. 2013;11:6. PMID:23317306. **FI: 2,112**
- Luciano JV, Guallar JA, Aguado J, López-Del-Hoyo Y, Oliván B, Magallón R, Alda M, Serrano-Blanco A, Gili M, García-Campayo J. Effectiveness of group acceptance and commitment therapy for fibromyalgia: a 6-month

randomized controlled trial (EFFIGACT study). *Pain*. 2014 Apr;155(4):693-702.doi:10.1016/j.pain.2013.12.029.Epub 2013 Dec 28. PubMed PMID: 24378880. **FI: 5,777**

Luciano JV, Peñarrubia MT, Cardeñosa E, García J, Serrano A, Knapp M. Cost-utility of a psychoeducational intervention in fibromyalgia patients compared with usual care: an economic evaluation alongside a 12-month randomized controlled trial. [Artículo Original]. *Clin J Pain*. 2013;29:702-711. PMID:23328339. **FI: 2,813**

Montero-Marín J, Carrasco JM, Roca M, Serrano-Blanco A, Gili M, Mayoral F, Luciano JV, Lopez-del-Hoyo Y, Olivan B, Collazo F, Araya R, Baños R, Botella C, García-Campayo J. Expectations, experiences and attitudes of patients and primary care health professionals regarding online psychotherapeutic interventions for depression: protocol for a qualitative study. *BMC Psychiatry*. 2013 Feb 20;13:64. doi: 10.1186/1471-244X-13-64. PubMed PMID: 23425435; PubMed Central PMCID:PMC3599900. **FI: 2,552**

Perales J, Olaya B, Fernandez A, Alonso J, Vilagut G, Forero CG, San L, Alda JA, Haro JM. Association of childhood adversities with the first onset of mental disorders in Spain: results from the ESEMeD project. [Artículo Original]. *Soc Psychiatry Psychiatr Epidemiol*. 2013;48(3):371-384. PMID:22872358. **FI: 2,696**

Rodero B, Pereira JP, Pérez-Yus MC, Casanueva B, Serrano-Blanco A, Rodrigues da Cunha Ribeiro MJ, Luciano JV, García-Campayo J. Validation of a Spanish version of the psychological inflexibility in pain scale (PIPS) and an evaluation of its relation with acceptance of pain and mindfulness in sample of persons with fibromyalgia. *Health Qual Life Outcomes*. 2013 Apr 18;11:62. doi: 10.1186/1477-7525-11-62. PubMed PMID: 23594367; PubMed Central PMCID: PMC3635918. **FI: 2,112**

Rubio-Valera M, Bosmans J, Fernández A, Peñarrubia-María M, March M, Travé P, Bellón JA, Serrano-Blanco A. Cost-Effectiveness of a Community Pharmacist Intervention in Patients with Depression: A Randomized Controlled Trial (PRODEFAR Study). [Artículo Original]. *PLoS ONE*. 2013;8(8): e70588. PMID:23950967. **FI: 4,092**

Sobradie N, Roca M, Serrano A, García J. Epidemiology of psychiatric morbidity among migrants compared to native born population in Spain: a controlled study. [Artículo Original]. *Gen Hosp Psychiatry*. 2013;35(1):93-99. PMID:23200696. **FI: 2,744**

Torres OD, Martínez A, Soriano D, Fernández R, Luciano JV, Peñarrubia MT. Relació entre comorbiditat i estat funcional en pacients d'atenció primària amb fibromiàlgia (estudi FIBROQOL). *Butlletí de la CAMFIC*. 2013;31:3.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	4
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	6
TOTAL FUNDING	468.500,56€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	16
TOTAL IMPACT FACTOR	48,92
Nº OF ARTICLES IN Q1 JOURNALS	6
Q1 IF	25,092
Nº OF ARTICLES IN Q2 JOURNALS	9
Q2 IF	22,433

Research group: Salut Mental Tarragona (Grup de Recerca en Salut Mental en Atenció Primària)

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

Badia Rafecas, Walesca
Bejarano Romero, Ferran
Caballero Alías, Antonia
Casaus Samatan, Pilar
Folch Pujol, Sílvia
Hernández Anguera, Josep M^a
Labad Alquezar, Antonio
López Cortacans, Germán
Piñol Moreso, Josep Lluís

Research 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: 2013 - 2017

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

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

IP: Martin Lujan, 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 - 2015

IP: Bejarano Romero, Ferran. *Eficacia comparativa de dos intervenciones del médico de familia para el abandono del consumo crónico de benzodiazepinas.* Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Aragonès E, Caballero A, Piñol JL. (The INDI (INterventions for Depression Improvement) model: en afeccti-ve proposal to improve the clinical results of depression in primary care). *Aten Primaria*. 2013;45(4):179-180. PMID:23473632. **FI: 0,627**

Aragonès E, Cañisà A, Caballero A, Piñol JL. Screening for attention deficit hyperactivity disorder in adult patients in primary care. *Rev Neurol*. 2013;1;56(9):449-455. PMID:23629746. **FI: 1,218**

Aragonès E, Montejo AL. Systematic depression screening in high-risk patients attending primary care: a pragmatic cluster-randomized trial. BMC Psychiatry. 2013;13:83. PMID:23497463. **FI: 2,552**

Aragonès E. El abordaje de las fobias. Form Med Cont Atenc Prim. 2013;20(6):247-250.

Costa B, Barrio F, Piñol JL, Cabré JJ, Mundet X, Sagarra R, Salas J, Solà Morales O. DE-PLAN-CAT/PREDICE Research Group. Shifting from glucose diagnosis to the new HbA1c diagnosis reduces the capability of the Finnish Diabetes Risk Score(FINDRISC) to screen for glucose abnormalities within a real-life primary healthcare preventive strategy. BMC Med. 2013;21:11-45. PMID:23438147. **FI: 6,035**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	3
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	1
TOTAL FUNDING	248.476,55€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	4
TOTAL IMPACT FACTOR	10,43
Nº OF ARTICLES IN Q1 JOURNALS	1
Q1 IF	6,035
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	2,552

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 San Martín, María Isabel



RESEARCHERS

Barroso García, Alberto
Díaz Mujica, Belén
González Tejon, Susana
Ibarra Jato, Montserrat
Martín López, Luis Miguel
Martín Royo, Jaume
Masa Font, Roser
Oller Canet, Silvia
Olona Tabueña, Noemí
Sanemeterio Echevarría, Luisa
Tajada Vitales, Celia
Viñas Cabrera, Lidia

Research projects

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 - 2015

IP: Orfila Pernas, Francesc. *Seguiment als 7 anys d'una cohort de gent gran no institucionalitzada. Validació predictiva d'un instrument de detecció de fragilitat en l'atenció primària.* Funding: Departament de Salut. Duration: 2012 - 2014

IP: Gayarre Aguado, Raquel. *Modificació de l'actitud dels estudiants de cinquè i sisè de Medicina després de les pràctiques d'atenció primària.* Funding: Fundació d' Atenció Primària (CAMFiC). Duration: 2012 - 2013

IIP: Berenguer Pérez, Miriam. *Coneixements i pràctiques dels pacients en relació a l'autocura de les úlceres d'etiologia venosa en atenció primària.* Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2012 - 2013

Articles

Fernández-San-Martín MI, Martín-López LM, Masa-Font R, Olona-Tabueña N, Roman Y, Martín-Royo J, Oller-Canet S, González-Tejón S, San-Emeterio L, Barroso-García A, Viñas-Cabrera L, Flores-Mateo G. The effectiveness of lifestyle interventions to reduce cardiovascular risk in patients with severe mental disorders: meta-analysis of intervention studies. *Community Ment Health J.* 2014 Jan;50(1):81-95. doi: 10.1007/s10597-013-9614-6. Epub 2013 Jun 6. PubMed PMID:23739948. **FI: 1,030**

Mundet-Tuduri X, Iglesias-Rodal M, Olmos-Dominguez C, Bernard-Antoranz ML, Fernandez-San Martin MI, Amado-Guirado E. Cardiovascular risk factors in chronic treatment with antipsychotic agents used in primary care. *Rev Neurol.* 2013 Dec 1;57(11):495-503. Spanish, English. PubMed PMID: 24265143. **FI: 1,218**

Senan Sanz MR, Olona Tabueña N, Magallón Botaya R, Gilaberte Calzada Y. [Prevention of skin cancer: a task still to be addressed in primary care]. *Aten Primaria.* 2014 Apr;46(4):223-4. doi: 10.1016/j.aprim.2013.08.006. Epub 2013 Nov 16. Spanish. PubMed PMID: 24246744. **FI: 0,627**

Indicators

Indicator	2013
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	1
TOTAL FUNDING	111.852,06€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	3
TOTAL IMPACT FACTOR	2,88
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	0
Q2 IF	

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, Martin Eusebio



RESEARCHERS

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

Research projects

IP: González Rueda, Vanessa. *Efectividad de dos técnicas manuales suboccipitales en el dolor y la tensión arterial en pacientes con cervicalgia crónica. Estudio analítico.* Funding: Col·legi de Fisioterapeutes de Catalunya. Duration: 2012 - 2013

Articles

Barra M, López C, Fernández G, Raya L, Lucha O, Tricás JM. Effectiveness of Diacutaneous Fibrolysis for the treatment of subacromial impingement syndrome: A randomised controlled trial. *Man Ther.* 2013;18:418-424. PMID:23523255. **FI: 1,885**

Fortún M, Estébanez E, Ruiz de Escudero A, Cabanillas S, Pérez S, López C. La expansión de la Fisioterapia moderna de Ling por el mundo. *Cuestiones de Fisioterapia.* 2013;42:166-175.

González V, Villar E, López C, Barra ME, Domene N, Tricás JM. Efectividad de dos técnicas manuales suboccipitales en el dolor y la tensión arterial en pacientes con cervicalgia crónica. Estudio piloto aleatorizado controlado. *Actualitzacions en Fisioteràpia.* 2013;9:5-17.

Peréz-Guillen S, Fanlo-Mazas P, Pascual-Lanuz N, Barra-López ME, Tricás-Moreno JM, Ottosson A. 200 años de evolución de la Fisioterapia Manual. *Cuestiones de Fisioterapia.* 2013;42:187-196.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	0
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	2.880,00€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	2
TOTAL IMPACT FACTOR	1,89
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	1,885

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
Soria Castro, Alberto

Research projects

IP: Prieto Alhambra, Daniel. *Multinational, multi-database drug utilization study of inhaled NVA237 in Europe.* Funding: Synapse Research Management Partners, s.l.. Duration: 2013 - 2016

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 - 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 - 2015

IP: Prieto Alhambra, Daniel. *Evaluación de Servicios de Salud en Artroplastias de Rodilla y Cadera: predictores pre-quirúrgicos de supervivencia de prótesis. Estudio coordinado PRESS-UP y ESSARC.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

IP: Martín Cantera, Carlos. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria.* Funding: Fundació Mutua Madrileña. Duration: 2010 - 2015

IP: Martínez Laguna, Daniel. *Estudi d'incidència de fractures per fragilitat registrada en pacients atesos a l'atenció primària de salut i factors de risc associats.* Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

- IP:** Grau Magaña, Maria. *Efecto de los marcadores de inflamación y oxidación lipídica en la asociación entre la osteoporosis y la enfermedad cardiovascular: un estudio poblacional*. Funding: Fundació IMIM . Duration: 2013 - 2014
- IP:** Otero Romero, Susana. *Comorbilidad y utilización de los servicios de Atención Primaria en pacientes con esclerosis múltiple*. Funding: IDIAP Jordi Gol. Duration: 2013 - 2014
- IP:** Prieto Alhambra, Daniel. *Effect of Chondroitin Sulphate on progression of knee osteoarthritis to Total Knee Arthroplasty: a propensity-score matched cohort study*. Funding: Bioiberica, S.A.. Duration: 2012 - 2014
- IP:** Prieto Alhambra, Daniel. *Efecto de la DIAbetes tipo II sobre la incidencia de Fractura Osteoporótica: Estudio DIAFOS*. Funding: FEIOMM. Duration: 2012 - 2013
- IP:** Prieto Alhambra, Daniel. *Trends of use of different medications to treat Osteoarthritis in Primary Health Care in the 21st century: a population-based study*. Funding: Bioiberica, S.A.. Duration: 2012 - 2013
- IP:** Muñoz Ortego, Juan. *Epidemiología de las Fracturas en pacientes con Espondilitis Anquilosante (estudio EFREA): estudio de cohortes de base poblacional*. Funding: Fundación Española de Reumatología (FER). Duration: 2012 - 2013
- IP:** Prieto Alhambra, Daniel. *Trends of use of anti-osteoporosis medications in Catalonia: a population-based study*. Funding: Amgen, S.A.. Duration: 2012 - 2013
- IP:** Prieto Alhambra, Daniel. *Fractures and related mortality in England & Wales (UK) compared to Catalonia (Spain)*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2013

Articles

- Garcia-Giralt N, Rodríguez-Sanz M, Prieto-Alhambra D, Servitja S, Torres-Del Pliego E, Balcells S, Albanell J, Grinberg D, Díez-Pérez A, Tusquets I, Nogués X. Genetic determinants of aromatase inhibitor-related arthralgia: the B-ABLE cohort study. *Breast Cancer Res Treat*. 2013;140:385-395. PMID:23868189. **FI: 4,431**
- Güerri-Fernandez R, Vestergaard P, Carbonell C, Knobel H, Avilés FF, Castro AS, Nogués X, Prieto-Alhambra D, Díez-Pérez A. HIV infection is strongly associated with hip fracture risk, independently of age, gender, and comorbidities: a population-based cohort study. *J Bone Miner Res*. 2013 Jun;28(6):1259-63. doi: 10.1002/jbmr.1874. PubMed PMID: 23362011. **FI: 6,373**
- Kendal AR, Prieto-Alhambra D, Arden NK, Carr A, Judge A. Mortality rates at 10 years after metal-on-metal hip resurfacing compared with total hip replacement in England: retrospective cohort analysis of hospital episode statistics. *BMJ*. 2013;347:f6549-f6549. PMID:24284336. **FI: 14,093**
- Kynaston-Pearson F, Ashmore AM, Malak TT, Rombach I, Taylor A, Beard D, Arden NK, Price A, Prieto-Alhambra D, Judge A, Carr AJ, Glyn-Jones S. Primary hip replacement prostheses and their evidence base: systematic review of literature. *BMJ*. 2013;347:f6956-f6956. PMID:24355538. **FI: 14,093**
- Pages-Castella A, Prieto-Alhambra D. [Degenerative osteoarthritis, osteoporosis and fractures: controversies and evidences]. [Article revisió]. *Med Clin (Barc)*. 2013;141:217-220. PMID:23540390. **FI: 1,385**
- Premaor MO, Compston JE, Avilés FF, Pagès-Castellà A, Nogués X, Díez-Pérez A, Prieto-Alhambra D. The association between fracture site and obesity in men: A population-based cohort study. *J Bone Miner Res*. 2013 Jan 31. doi:10.1002/jbmr.1878. [Epub ahead of print] PubMed PMID: 23371035. **FI: 6,373**
- Prieto-Alhambra D, Díez-Pérez A. Do we need to fine-tune the Spanish version of the FRAX predictive tool? *J Clin Densitom*. 2013 Apr-Jun;16(2):133-4. doi: 10.1016/j.jocd.2012.06.001. Epub 2012 Aug 22. PubMed PMID: 22921774. **FI: 1,295**
- Prieto-Alhambra D, Judge A, Javaid MK, Cooper C, Díez-Pérez A, Arden NK. Incidence and risk factors for clinically diagnosed knee, hip and hand osteoarthritis: influences of age, gender and osteoarthritis affecting other joints. *Ann Rheum Dis*. 2013 Jun 6. [Epub ahead of print] PubMed PMID:23744977;PubMed Central PMCID: PMC3875433. **FI: 8,727**
- Prieto-Alhambra D, Nogués X, Javaid MK, Wyman A, Arden NK, Azagra R, Cooper C, Adachi JD, Boonen S, Chapurlat RD, Compston JE, Geilbach SH, Greenspan SL, Hooven FH, Netelenbos JC, Pfeilschifter J, Rossini M, Sambrook PN, Silverman S, Siris ES, Watts NB, Díez-Pérez A. An increased rate of falling leads to a rise in fracture risk in postmenopausal women with self-reported osteoarthritis: a prospective multinational cohort study (GLOW). *Ann Rheum Dis*. 2013 Jun;72(6):911-7. doi: 10.1136/annrheumdis-2012-201451. Epub 2012 Jun 23. PubMed PMID: 22730372. **FI: 8,727**
- Vestergaard P, Prieto-Alhambra D, Javaid MK, Cooper C. Fractures in users of antidepressants and anxiolytics and sedatives: effects of age and dose. *Osteoporos Int*. 2013 Feb;24(2):671-80. doi: 10.1007/s00198-012-2043-5. Epub 2012 Jun 6. PubMed PMID: 22669469; PubMed Central PMCID: PMC3658008. **FI: 4,580**

Yoskovitz G, Garcia-Giralt N, Rodriguez-Sanz M, Urreizti R, Guerri R, Ariño-Ballester S, Prieto-Alhambra D, Mellibovsky L, Grinberg D, Nogues X, Balcells S, Diez-Perez A. Analyses of RANK and RANKL in the post-GWAS context: functional evidence of vitamin D stimulation through a RANKL distal region. J Bone Miner Res. 2013;28:2250-2260. PMID:23744843. **FI: 6,373**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	1
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	10
TOTAL FUNDING	599.472,01€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	11
TOTAL IMPACT FACTOR	76,45
Nº OF ARTICLES IN Q1 JOURNALS	9
Q1 IF	73,77
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	1,385

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
Díez Pérez, Adolf
Encabo Duró, Gloria
Fernández Hermida, Yolanda
Fuentes Díaz, Manuela
Gené Tous, Emili
Güell Parnau, Sílvia
Iglesias Martínez, Milagros
Lopez Exposito, Francesc
Martín Sánchez, Juan Carlos
Ortiz Alinque, Sergi
Puchol Ruiz, Nuria
Pujol Salud, Jesus
Roca Figueras, Genís
Sabaté Cintas, Victòria
Sancho Campos, Pilar
Solà Muñoz, Sílvia
Vilaseca i Ribas, Anna
Zwart Salmeron, Marta

Research projects

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: Martin Cantera, Carlos. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Funding: Fundació Mutua Madrileña. Duration: 2010 - 2015

IP: Grau Magaña, Maria. *Efecto de los marcadores de inflamación y oxidación lipídica en la asociación entre la osteoporosis y la enfermedad cardiovascular: un estudio poblacional*. Funding: Fundació IMIM . Duration: 2013 - 2014

IP: Prieto Alhambra, Daniel. *Effect of Chondroitin Sulphate on progression of knee osteoarthritis to Total Knee Arthroplasty: a propensity-score matched cohort study*. Funding: Bioiberica, S.A. Duration: 2012 - 2014

IP: Galindo Ortego, Gisela. *Incidència del risc de fractura osteoporòtica i relació amb l'exposició a bifosfonats. Estudi observacional amb base de dades clíniques poblacionals: OSTEORAC*. Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2014

IP: Prieto Alhambra, Daniel. *Efecto de la DIAbetes tipo II sobre la incidencia de Fractura Osteoporótica: Estudio DIAFOS*. Funding: FEIOMM. Duration: 2012 - 2013

IP: Prieto Alhambra, Daniel. *Trends of use of different medications to treat Osteoarthritis in Primary Health Care in the 21st century: a population-based study*. Funding: Bioiberica, S.A. Duration: 2012 - 2013

IP: Prieto Alhambra, Daniel. *Trends of use of anti-osteoporosis medications in Catalonia: a population-based study*. Funding: Amgen, S.A. Duration: 2012 - 2013

IP: Martin Asuero, Andres. *Efectivitat d'un programa formatiu amb comunicació conscient en la reducció del malestar psicològic i la millora de la relació professional sanitari-pacient a l'Atenció Primària*. Funding: Duration: 2011 - 2013

IP: Prieto Alhambra, Daniel. *Fractures and related mortality in England & Wales (UK) compared to Catalonia (Spain)*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2013

Articles

Azagra R, Lopez F, Aguyé A, Encabo G; en representació del grup GROIMAP. Predicción de fracturas por fragilidad o predicción de osteoporosis densitométrica. ¡Esta es la cuestión!. [Carta de investigación]. Med Clin (Barc). 2013;141(1):43-44. PMID:23490485. **FI: 1,385**

Azagra R, López-Expósito F, Martín-Sánchez JC, Aguyé A, Moreno N, Cooper C, Díez-Pérez A, Dennison EM. Changing trends in the epidemiology of hip fracture in Spain. Osteoporos Int. 2014 Apr;25(4):1267-74. doi:10.1007/s00198-013-2586-0. Epub 2013 Dec 10. PubMed PMID: 24322478. **FI: 4,580**

Azagra R, Martín JC, Casado E, Encabo G, Zwart M, Aguyé A, Díez A. Umbrales FRAX para determinar personas con alto y bajo riesgo de fractura osteoporótica en población femenina española. [Carta al director]. Med Clin (Barc). 2013;142:55-62. PMID:BBDD. **FI: 1,385**

Azagra R, Zwart M, Martín J, Aguyé A; en representació del grup GROIMAP. La Herramienta FRAX en la prevención de fracturas asociadas al tratamiento de privación andrògena en el cáncer de próstata. Med Clin (Barc). 2013;142(5):231-232. PMID:24018248. **FI: 1,385**

Azagra R, Zwart M, Puchol N, Aguyé A, Puente A, Gené E. Incidencia de fracturas en personas mayores de 50 años y factores asociados registrados en la historia clínica electrónica en AP. Butlletí de la Medicina de Família a Catalunya. 2013;30:2.

Dennison EM, Dhanwal DK, Shaheen SO, Azagra R, Reading I, Jameson KA, Sayer AA, Cooper C. Is lung function associated with bone mineral density? Results from the Hertfordshire Cohort Study. Arch Osteoporos. 2013;8(1-2):115. doi: 10.1007/s11657-012-0115-y. Epub 2013 Jan 15. PubMed PMID: 23322029; PubMed Central PMCID: PMC3622903.

Prieto-Alhambra D, Díez-Pérez A. Do we need to fine-tune the Spanish version of the FRAX predictive tool? J Clin Densitom. 2013 Apr-Jun;16(2):133-4. doi: 10.1016/j.jocd.2012.06.001. Epub 2012 Aug 22. PubMed PMID: 22921774. **FI: 1,295**

Prieto-Alhambra D, Nogues X, Javaid MK, Wyman A, Arden NK, Azagra R, Cooper C, Adachi JD, Boonen S, Chapurlat RD, Compston JE, Gehlbach SH, Greenspan SL, Hooven FH, Netelenbos JC, Pfeilschifter J, Rossini M, Sambrook PN, Silverman S, Siris ES, Watts NB, Díez-Pérez A. An increased rate of falling leads to a rise in fracture risk in postmenopausal women with self-reported osteoarthritis: a prospective multinational cohort study (GLOW). Ann Rheum Dis. 2013 Jun;72(6):911-7. doi: 10.1136/annrheumdis-2012-201451. Epub 2012 Jun 23. PubMed PMID: 22730372. **FI: 8,727**

Indicators

Indicator	2013
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	
TOTAL FUNDING	291.323,12€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	6
TOTAL IMPACT FACTOR	18,76
Nº OF ARTICLES IN Q1 JOURNALS	2
Q1 IF	13,307
Nº OF ARTICLES IN Q2 JOURNALS	3
Q2 IF	4,155

Research area: Others

Research group: Càncer-AP

The Càncer-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
Guiriquet 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

Research projects

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: Allepuz Palau, Alejandro. *Estudio de cohortes prospectivo de recién nacidos para analizar la relación entre la presencia de anquilosis y la duración de la lactancia materna.* Funding: IDIAP Jordi Gol. Duration: 2013 - 2015

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 - 2015

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 - 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: 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 - 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 hiperfibrigenemia en la atención primaria de salud (Estudio IMENCAR)*. Funding: ICS - Institut Català de la Salut. Duration: 2012 - 2015

IP: Vedia Urgell, Cristina. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015

IP: Marzo Castillejo, Maria Merce. *The effect of consumption of kiwi fruit on constipation in adults*. Duration: 2013 - 2014

IP: Guiriquet Capdevila, Carolina. *Efectividad de una alerta electrónica en la historia clínica informatizada para aumentar la participación desde Atención Primaria en un Programa de Cribado de Cáncer Colorrectal*. Funding: Instituto de Salud Carlos III. Duration: 2011 - 2014

IP: Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Funding: European Commission. Duration: 2009 - 2014

IP: Rovira Aler, Carme. *Avaluació de l'efectivitat de la teoria racional emotiva comportamental, com instrument d'intervenció en una consulta de treball social d'atenció primària de salut*. Funding: ICS - Institut Català de la Salut. Duration: 2009 - 2014

IP: Segarra Valls, Manel. *Estudi de l'adequació de colonoscòpies: de l'atenció primària a l'hospital*. Funding: Departament de Salut. Duration: 2011 - 2013

IP: Ferrer Feliu, Assumpta. *Ensayo clínico aleatorizado de caídas y malnutrición en personas de 85 años en la comunidad*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Agustí C, Fernández L, Mascort J, Carrillo R, Casabona J, en nombre del Grupo de Trabajo del Diagnóstico Precoz del VIH en Atención Primaria en España. Barreras para el diagnóstico de las infecciones de transmisión sexual y virus de la inmunodeficiencia humana en atención primaria en España. *Enferm Infecc Microbiol Clin*. 2013;31(7):451-454. PMID:23428311. **FI: 1,491**

Agustí C, Fernàndez-López L, Mascort J, Carrillo R, Aguado C, Montoliu A, Puigdangolas X, De la Poza M, Rifà B, Casabona J. Attitudes to rapid HIV testing among Spanish General Practitioners. *HIV Med*. 2013;14(suppl 3):53-56. **FI: 3,006**

Alzamora MT, Forés R, Pera G, Torán P, Heras A, Sorribes M, Baena-Diez JM, Urrea M, Alegre J, Viozquez M, Vela C. Ankle-brachial index and the incidence of cardiovascular events in the Mediterranean low cardiovascular risk population ARTPER cohort. *BMC Cardiovasc Disord*. 2013 Dec 17;13:119. doi: 10.1186/1471-2261-13-119. PubMed PMID: 24341531; PubMed Central PMCID: PMC3878485. **FI: 2,021**

Farre TB, Formiga F, Ferrer A, Plana-Ripoll O, Almeda J, Pujol R. Risk of being undernourished in a cohort of community-dwelling 85-year-olds: The Octabaix study. *Geriatr Gerontol Int*. 2013 Sep 2. doi: 10.1111/ggi.12142. [Epub ahead of print] PubMed PMID: 23998431. **FI: 2,164**

Ferrer A, Badia T, Formiga F, Sanz H, Megido MJ, Pujol R; Octabaix Study Group. Frailty in the oldest old: prevalence and associated factors. *J Am Geriatr Soc*. 2013;61(2):294-296. PMID:23405926. **FI: 3,737**

Formiga F, Ferrer A, Chivite D, Albuquerque J, Olmedo C, Mora JM, Labori M, Pujol R; Octabaix study members. Predictors of cognitive decline in 85-year-old patients without cognitive impairment at baseline: 2-year follow-up of the octabaix study. *Am J Alzheimers Dis Other Dement*. 2013;28(2):147-153. PMID:23423480.

Formiga F, Ferrer A, Sanz H, Marengoni A, Albuquerque J, Pujol R; Octabaix study members. Patterns of comorbidity and multimorbidity in the oldest old: the Octabaix study. *Eur J Intern Med*. 2013;24(1):40-44. PMID:23186603. **FI: 2,000**

Lobos-Bejarano JM, del Castillo-Rodríguez JC, Mena-González A, Alemán-Sánchez JJ, Cabrera de León A, Barón-Esquivias G, Pastor-Fuentes A; en nombre de los Investigadores del Estudio FIATE (Situación actual de la Fibrilación auricular en Atención primaria en España). [Patients' characteristics and clinical management of atrial fibrillation in primary healthcare in Spain:FIATE Study]. Med Clin(Barc). 2013 Oct 5;141(7):279-86. doi:10.1016/j.medcli.2012.12.023. Epub 2013 May 15. Spanish. PubMed PMID: 23683967. **FI: 1,385**

Marzo MM, Almeda J, Simonet PJ. ¿Cómo hacer un currículum vitae?. Form Med Cont Atenc Prim. 2013;20(6):318-326.

Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Ferrer M, Miravittles M. Factors associated with changes in quality of life of COPD patients: a prospective study in primary care. Respir Med. 2013 Oct;107(10):1589-97. doi: 10.1016/j.rmed.2013.05.009. Epub 2013 Jun 17. PubMed PMID: 23786889. **FI: 2,475**

Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Granollers S, Ferro JJ, Acedo M, Almeda J, Rodríguez-Latre L, Muñoz L, Miravittles M. Effect of health professional education on outcomes of chronic obstructive pulmonary disease in primary care: a non-randomized clinical trial. Respirology. 2013 May;18(4):718-27. doi: 10.1111/resp.12074. PubMed PMID: 23438203. **FI: 2,416**

Ramos M, Taltavull M, Piñeiro P, Nieto R, Llagostera M. Actitudes de las personas usuarias de atención primaria ante el cribado del cáncer colorrectal. Gac Sanit. 2013;27(6):516-20. PMID:23280043. **FI: 1,326**

Salvador B, Rodríguez LM, Güell R, Alvarez V, Sanz H, Tovillas FJ. Estimación del filtrado glomerular según MDRD-4 IDMS y CKD-EPI en individuos de edad igual o superior a 60 años en Atención Primaria. Nefrología. 2013;33(4):552-563. PMID:23897188. **FI: 1,000**

Sarró M, Ferrer A, Rando Y, Formiga F, Rojas S, en representación del Grupo de Estudio Octabaix. Depresión en ancianos: prevalencia y factores asociados. Semergen. 2013 Oct;39(7):354-60. PMID: 24095164.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	2
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	3
TOTAL FUNDING	395.540,07€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	10
TOTAL IMPACT FACTOR	23,02
Nº OF ARTICLES IN Q1 JOURNALS	1
Q1 IF	3,737
Nº OF ARTICLES IN Q2 JOURNALS	6
Q2 IF	12,356

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

Research projects

IP: Casabona Barberà, Jordi. *Proyecto HIDES 2 Atención Primaria en España*. Funding: Fund.biomédica Germans Trias i Pujol - CEEISCAT. Duration: 2013 - 2015

IP: Caballería Rovira, Llorenç. *Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

IP: Acera Pérez, Amèlia. *Evaluación Económica de tres estrategias de cribado poblacional de cáncer de cérvix en la comarca del Vallès Occidental: Estudio CRICERVA*. Funding: Instituto de Salud Carlos III. Duration: 2011 - 2015

IP: Lacasta Tintorer, David. *Impacto de la implementación de una herramienta de colaboración clínica en red entre profesionales de atención primaria y especializada en la reducción del número de derivaciones (ECOPIH)*. Funding: Departament de Salut. Duration: 2012 - 2014

Articles

Lacasta Tintorer D, Flayeh Beneyto S, Alzaga Reig X, Mundet Tuduri X, De la Fuente JA, Manresa JM, Torán Monserrat P, Saigí Rubió F. Impact of the implementation of an online network support tool among clinicians of Primary Health Care and Specialists: ECOPIH Project. BMC Fam Pract. 2013 Oct 3;14:146. doi: 10.1186/1471-2296-14-146. PubMed PMID: 24088387; PubMed Central PMCID:PMC3852545. **FI: 1,799**

Muñoz R, Ortega R, Batalla C, López MR, Manresa J, Torán P. Access and use of new information and telecommunication technologies among teenagers at high school, health implications. JOITIC Study. Atención Primaria Basada en la Evidencia. 2013;46(2):77-88.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	2
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	1
TOTAL FUNDING	215.032,51€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	1
TOTAL IMPACT FACTOR	1,8
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	1,799

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 Caverro, Santiago
Casas Curto, Jose Darío
Miranda Badia, M^a Dolores
Rodriguez Gonzalez, Luis
Tibau Catalan, Albert

Research projects

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

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 - 2015

IP: Caballería Rovira, Llorenç. *Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

IP: Martin Asuero, Andres. *Efectivitat d'un programa formatiu amb comunicació conscient en la reducció del malestar psicològic i la millora de la relació professional sanitari-pacient a l'Atenció Primària.* Funding: Duration: 2011 - 2013

Articles

Caballería L, Arteaga I, Pera G, Rodríguez L, Alumà A, Auladell MA, Torán P. Factores de riesgo asociados a la presencia de hígado graso no alcohólico: un estudio de casos y controles. Med Clin (Barc). 2013;141:233-239. PMID:23601740. **FI: 1,385**

Fabrellas N, Alemany M, Urquizu MR, Bartres C, Pera G, Juvé E, Rodríguez L, Torán P, Caballería L. A nurse-led intervention program is effective for early detection of chronic liver diseases in primary care: a pilot study. Nurs Res. 2013;62:450-454. PMID:24165222. **FI: 1,402**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	3
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	266.150,00€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	2
TOTAL IMPACT FACTOR	2,79
Nº OF ARTICLES IN Q1 JOURNALS	1
Q1 IF	1,402
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	1,385

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 Príncep, Ma. Àngels

Research projects

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

IP: Megido Badia, M^a Jesús. *Com viuen els néts la malaltia d'Alzheimer del seu avi/a? Estudi qualitatiu a l'atenció primària.* Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2011 - 2014

IP: Rovira Aler, Carme. *Avaluació de l'efectivitat de la teoria racional emotiva comportamental, com instrument d'intervenció en una consulta de treball social d'atenció primària de salut.* Funding: ICS - Institut Català de la Salut. Duration: 2009 - 2014

IP: Ferrer Feliu, Assumpta. *Ensayo clínico aleatorizado de caídas y malnutrición en personas de 85 años en la comunidad.* Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Conesa D, Ferrer A, Torres A, Formiga F, Pujol R, Canals J. An unusual and reversible cause of falls: spinal meningioma in an elderly woman. [Carta al director]. J Am Geriatr Soc. 2013;61(1):166-168. PMID:23311562. **FI: 3,737**

Farre TB, Formiga F, Ferrer A, Plana-Ripoll O, Almeda J, Pujol R. Risk of being undernourished in a cohort of community-dwelling 85-year-olds: The Octabaix study. Geriatr Gerontol Int. 2013 Sep 2. doi: 10.1111/ggi.12142. [Epub ahead of print] PubMed PMID: 23998431. **FI: 2,164**

Ferrer A, Badia T, Formiga F, Sanz H, Megido MJ, Pujol R; Octabaix Study Group. Frailty in the oldest old: prevalence and associated factors. *J Am Geriatr Soc.* 2013;61(2):294-296. PMID:23405926. **FI: 3,737**

Formiga F, Ferrer A, Chivite D, Albuquerque J, Olmedo C, Mora JM, Labori M, Pujol R; Octabaix study members. Predictors of cognitive decline in 85-year-old patients without cognitive impairment at baseline: 2-year follow-up of the octabaix study. *Am J Alzheimers Dis Other Dement.* 2013;28(2):147-153. PMID:23423480.

Formiga F, Ferrer A, Chivite D, Montero A, Sanz H, Pujol R; Octabaix Study Members. Utility of geriatric assessment to predict mortality in the oldest old: the Octabaix study 3-year follow-up. *Rejuvenation Res.* 2013 Aug;16(4):279-84. doi: 10.1089/rej.2013.1422. PubMed PMID: 23642101. **FI: 3,826**

Formiga F, Ferrer A, Sanz H, Marengoni A, Albuquerque J, Pujol R; Octabaix study members. Patterns of comorbidity and multimorbidity in the oldest old: the Octabaix study. *Eur J Intern Med.* 2013;24(1):40-44. PMID:23186603. **FI: 2,000**

Gorostidi M, Sarafidis PA, de la Sierra A, Segura J, de la Cruz JJ, Banegas JR, Ruilope LM; Spanish ABPM Registry Investigators. Differences Between Office and 24-Hour Blood Pressure Control in Hypertensive Patients With CKD: A 5,693-Patient Cross-sectional Analysis From Spain. *Am J Kidney Dis.* 2013;62(2):285-294. PMID:23689071. **FI: 5,434**

Sarró M, Ferrer A, Rando Y, Formiga F, Rojas S, en representación del Grupo de Estudio Octabaix. Depresión en ancianos: prevalencia y factores asociados. *Semergen.* 2013 Oct;39(7):354-60. PMID: 24095164.

Sarró-Maluquer M, Ferrer-Feliu A, Rando-Matos Y, Formiga F, Rojas-Farreras S; en representación del Grupo de Estudio Octabaix. [Depression in the elderly: Prevalence and associated factors]. *Semergen.* 2013 Oct;39(7):354-60. doi: 10.1016/j.semerg.2013.01.007. Epub 2013 Mar 20. Spanish. PubMed PMID: 24095164.

Tobella A, Gil A, Llopart C, Ferrer A, Formiga F, Rojas-Farreras S. Factores asociados al riesgo social en las personas de 85 años residentes en la comunidad. *Rev Clin Esp.* 2013 Apr;213(3):145-149. PMID: 23261840. **FI: 2,008**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	2
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	29.646,00€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	7
TOTAL IMPACT FACTOR	22,91
Nº OF ARTICLES IN Q1 JOURNALS	4
Q1 IF	16,734
Nº OF ARTICLES IN Q2 JOURNALS	3
Q2 IF	6,172

Research area: Respiratory

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 multidisciplinary 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

de Diego Cabanes, Cinta
Hospital Guardiola, Immaculada
Ochoa Gondar, Olga
Salsench Serrano, Elisabet

Research projects

IP: Vila Corcoles, Angel. *Evaluación de la efectividad de la vacuna antineumocócica 23-valente para prevenir neumonía y eventos vasculares agudos en la población mayor de 60 años.* Funding: Instituto de Salud Carlos III. Duration: 2010 - 2015

IP: Ochoa Gondar, Olga. *Efectividad clínica de las vacunas antineumocócicas conjugada 13-valente y polisacárida 23-valente para prevenir enfermedad neumocócica invasiva y neumonía en personas mayores de 50 años.* Funding: IDIAP Jordi Gol. Duration: 2013 - 2014

Articles

Ochoa Gondar O, Vila Córcoles A, Rodriguez Blanco T, de Diego Cabanes C, Salsench Serrano E, Hospital Guardiola I. [Ability of the modified CRB75 severity scale in assessing elderly patients with community acquired pneumonia]. *Aten Primaria*. 2013 Apr;45(4):208-15. doi: 10.1016/j.aprim.2012.12.005. Epub 2013 Jan 28. Spanish. PubMed PMID: 23369644. **FI: 0,627**

Ochoa-Gondar O, Vila-Corcoles A, Rodriguez-Blanco T, Hospital I, Salsench E, Ansa X, Saun N; EPIVAC Study Group. Validation of the CORB75 (confusion, oxygen saturation, respiratory rate, blood pressure, and age $\geq$ 75 years) as a simpler pneumonia severity rule. *Infection*. 2014 Apr;42(2):371-8. doi:10.1007/s15010-013-0565-1. Epub 2013 Nov 29. PubMed PMID: 24293055. **FI: 2,659**

Vila-Corcoles A, Ochoa-Gondar O, Guzman-Avalos A, Gomez-Bertomeu F, Figuerola-Massana E, Raga-Luria X, de Diego-Cabanes C, Gutierrez-Perez A, Vila-Rovira A, Rodriguez-Fernandez M. Incidence of pneumococcal infections among children under 15 years in southern Catalonia throughout the heptavalent conjugate vaccine era, 2002-2009. *Infection*. 2013;41:439-446. PMID:23055151. **FI: 2,659**

Vila-Corcoles A, Ochoa-Gondar O, Rodriguez-Blanco T, de Diego C, Satue E; EPIVAC Study Group. Ineffectiveness of pneumococcal vaccination in cardiovascular prevention: the CAPAMIS study. *JAMA Intern Med.* 2013 Nov 11;173(20):1918-20. doi: 10.1001/jamainternmed.2013.6901. Erratum in: *JAMA Intern Med.* 2013 Nov 25;173(21):2014. PubMed PMID: 23712335.

Vila-Corcoles A, Ochoa-Gondar O. Preventing pneumococcal disease in the elderly: recent advances in vaccines and implications for clinical practice. [Article revisió]. *Drugs Aging.* 2013;30:263-276. PMID:23420119. **FI: 2,671**

Indicators

Indicator	2013
RESEARCHERS WITH PHD	2
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	2
TOTAL FUNDING	61.710,00€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	5
TOTAL IMPACT FACTOR	8,62
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	3
Q2 IF	7,989

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

Martin Lujan, Francisco



RESEARCHERS

Alfaro Ormaolea, Aitor Carlos
Basora Gallisà, M^a Teresa
Blade Creixenti, Jordi
Calviño Domínguez, Olga
Crispi Cifuentes, Silvia
Fernández Pagés, Yvone
Hernández Anadón, Silvia
Inglés Novell, M. Montserrat
Lara López-Doriga, Patricia
Llor Vilà, Carles
Martín Vergara, Núria
Moragas Moreno, Ana
Pascual Palacios, Irene
Pérez Bauer, Manuel
Sagarra Àlamo, Ramon
Sierra Montalban, Nuria
Sorlí Aguilar, Mar

Research 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: 2013 - 2017

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 - 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: Martin Lujan, 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 - 2015

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 - 2015

IP: Costa Pinel, Bernardo. *Análisis del coste-efectividad de un programa de prevención de la diabetes tipo 2 en atención primaria de salud de Cataluña (Prevención de Diabetes y Coste-Efectividad, Estudio PREDICE)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

Articles

Bjerrum L, Cordoba Currea GC, Llor C, Lindbæk M. Lower threshold for rapid antigen detection testing in patients with sore throats would reduce antibiotic use. *BMJ*. 2013 Nov 28;347:f7055. doi: 10.1136/bmj.f7055. PubMed PMID: 24286986. **FI: 14,093**

Bonet C, Fernández B, Carrillo M, Cabré JJ, Sagarra R, Dudasu LV, Montañés MD, Vízcaíno J, Frigola JL, Maestro M, Chanco C. Evolution of parameters following instigation of insulin analogue treatment on diabetic patients in primary helthcare. *Primary Care Diabetes*. 2013;7(1):71-89.

Cabré JJ, Basora MT, Ortega Y, Barrio F. Hiperucemia links cardiovascular disease and the metabolic syndrome: Data of the SIMETRIC study. *Journal of diabetes*. 2013;5(1):176 **FI: 2,939**

Cabré JJ, Costa B, Sagarra R, Solà-Morales O, Sunyer B, Barrio F i el grup d'investigació DE-PLAN-CAT/PREDICE. Anàlisi de cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en l'Atenció Primària de Catalunya (estudi PREDICE). *Butlletí de la CAMFIC*. 2013;31:1-3.

Christensen SF, Jorgensen LC, Cordoba G, Llor C Siersmav, Bjerrum L. Marked differences in GPs' diagnosis of pneumonia between Denmark and Spain: a cross-sectional study. *Prim Care Respir J*. 2013;22(4):454-458. PMID:24248329.

Costa B, Barrio F, Piñol JL, Cabré JJ, Mundet X, Sagarra R, Salas J, Solà Morales O. DE-PLAN-CAT/PREDICE Research Group. Shifting from glucose diagnosis to the new HbA1c diagnosis reduces the capability of the Finnish Diabetes Risk Score(FINDRISC)to screen for glucose abnormalities within a real-life primary healthcare preventive strategy. *BMC Med*. 2013;21:11-45. PMID:23438147. **FI: 6,035**

de la Poza Abad M, Mas Dalmau G, Moreno Bakedano M, González González AI, Canellas Criado Y, Hernández Anadón S, Rotaecche del Campo R, Torán Monserrat P, Negrete Palma A, Pera G, Borrell Thió E, Llor C, Little P, Alonso Coello P; Delayed Antibiotic Prescription (DAP) Working Group. Rationale, design and organization of the delayed antibiotic prescription (DAP) trial: a randomized controlled trial of the efficacy and safety of delayed antibiotic prescribing strategies in the non-complicated acute respiratory tract infections in general practice. *BMC Fam Pract*. 2013 May 19;14:63. doi: 10.1186/1471-2296-14-63. PubMed PMID: 23682979; PubMed Central PMCID: PMC3682866. **FI: 1,799**

Jorgensen LC, Friis Christensen S, Cordoba Currea G, Llor C, Bjrrum L. Antibiotic prescribing in patients with acute rhinosinusitis is not in agreement with European recommendations. *Scand J Prim Health Care*. 2013;31(2):101-105. PMID:23659709. **FI: 2,054**

Little P, Stuart B, Francis N, Douglas E, Tonkin-Crine S, Anthierens S, Cals JW, Melbye H, Santer M, Moore M, Coenen S, Butler C, Hood K, Kelly M, Godycki-Cwirko M, Mierzecki A, Torres A, Llor C, Davies M, Mullee M, O'Reilly G, van der Velden A, Geraghty AW, Goossens H, Verheij T, Yardley L; GRACE consortium. Effects of internet-based training on antibiotic prescribing rates for acute respiratory-tract infections: a multinational, cluster, randomised, factorial, controlled trial. *Lancet*. 2013 Oct 5;382(9899):1175-82. doi: 10.1016/S0140-6736(13)60994-0. Epub 2013 Jul 31. PubMed PMID: 23915885; PubMedCentral PMCID: PMC3807804 **FI: 38,278**

Llor C, Arranz J, Morros R, Garcia A, Pera H, Llobera J, Guillen-solà M, Carandell E, Ortega J, Hernandez S, Miravittles M. Efficacy of high doses of oral penicillin versus amoxicillin in the treatment of adults with non-severe pneumonia attended in the community: study protocol for a randomized controlled trial. *BMC Fam Pract*. 2013;17;14(1):50. PMID:23594463. **FI: 1,799**

Llor C, Bjerrum L, Munck A, Hansen MP, Córdoba GC, Strandberg EL, Ovhed I, Radzeviciene R, Cots JM, Reutskiy A, Caballero L. Predictors for antibiotic prescribing in patients with exacerbations of COPD in general practice. *Ther Adv Respir Dis*. 2013 Jun;7(3):131-7. doi: 10.1177/1753465812472387. Epub 2013 Jan 16. PubMed PMID: 23325784.

Llor C, Cots JM. Dispensing of antibiotics without a medical prescription and communication skills of pharmacists. *Aten Primaria*. 2013;45(9):496-497. PMID:23582271. **FI: 0,627**

Llor C, Hernández S, Cots JM, Bjerrum L, González B, García G, Alcántara Jde D, Guerra G, Cid M, Gómez M, Ortega J, Pérez C, Arranz J, Monedero MJ, Paredes J, Pineda V; Grupo de trabajo Happy Audit España. Physicians with access to point-of-care tests significantly reduce the antibiotic prescription for common cold. *Rev Esp Quimioter.* 2013;26(1):12-20. PMID:23546457. **FI: 0,810**

Llor C, Moragas A, Bayona C, Morros R, Pera H, Plana-Ripoll O, Cots JM, Miravittles M. Efficacy of anti-inflammatory or antibiotic treatment in patients with non-complicated acute bronchitis and discoloured sputum: randomised placebo controlled trial. *BMJ.* 2013 Oct 4;347:f5762. doi: 10.1136/bmj.f5762. PubMed PMID:24097128. **FI: 14,093**

Llor C, Moragas A. Recruitment difficulties for clinical trials in primary care. When sample size is not reached. *Aten Primaria.* 2013;45(2):71-73. PMID:23142032. **FI: 0,627**

Llor C, Senan MR. Verruga genital. [Article revisió]. *Form Med Cont Atenc Prim.* 2013;20:284-288.

McQuiston Haslund J, Rosborg Dinesen M, Sternhagen Nielsen AB, Llor C, Bjerrum L. Different recommendations for empiric first-choice antibiotic treatment of uncomplicated urinary tract infections in Europe. *Scand J Prim Health Care.* 2013;31(4):235-240. PMID:24102498. **FI: 2,054**

Miravittles M, Moragas A, Hernández S, Bayona C, Llor C. Is it possible to identify exacerbations of mild to moderate COPD that do not require antibiotic treatment?. *Chest.* 2013;144(5):1571-1577. PMID:23807094. **FI: 5,250**

Moragas A, Llor C, Hernández S, Bayona C, Miravittles M. Nivells de proteïna C reactiva en les exacerbacions de la malaltia pulmonar obstructiva crònica. *Butlletí de la Societat Catalana de Medicina Familiar i Comunitària.* 2013;31:01.

Prizes

Premi a la millor comunicació. XXXIII Congreso de la SEMFYC. Protocolo de un ensayo clínico sobre la prescripción diferida de antibióticos en las infecciones respiratorias agudas no complicadas en Atención Primaria. De la Poza MA, Canellas Y, Rotaecche R, Toran P, Hernández S, Borrell E.

Indicators

INDICATOR	2013
RESEARCHERS WITH PHD	6
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	3
TOTAL FUNDING	328.380,66€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	13
TOTAL IMPACT FACTOR	90,46
Nº OF ARTICLES IN Q1 JOURNALS	7
Q1 IF	81,857
Nº OF ARTICLES IN Q2 JOURNALS	2
Q2 IF	3,598

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

Lines: Prevention and study of risk factors associated with Chronic Obstructive Pulmonary Disease (COPD); Detection and under diagnosis 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
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Negrete Palma, Antonio
Ocaña Padilla, Antonia
Rodríguez Álvarez, Maria del Mar
Simonet Aineto, Pere Josep
Urrea Vegas, Magali
Vallejo Domingo, Antonio

Research projects

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 - 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: 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. *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 - 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: 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 - 2015

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 - 2015

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 - 2015

IP: Caballería Rovira, Llorenç. *Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2015

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 - 2015

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 - 2015

IP: Vedia Urgell, Cristina. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015

IP: Marzo Castillejo, Maria Merce. *The effect of consumption of kiwi fruit on constipation in adults*. Duration: 2013 - 2014

IP: Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: Fundacion MAPFRE. Duration: 2012 - 2014

IP: Lacasta Tintorer, David. *Impacto de la implementación de una herramienta de colaboración clínica en red entre profesionales de atención primaria y especializada en la reducción del número de derivaciones (ECOPIH)*. Funding: Departament de Salut. Duration: 2012 - 2014

IP: Massot Mesquida, Mireia. *Adequació del tractament de l'osteoporosi en prevenció primària*. Funding: Fundacio Privada Mutuam Conviure. Duration: 2012 - 2014

IP: Urrea Vegas, Magali. *Utilitat dels diagnòstics d'infermeria per determinar el grau d'adherència terapèutica en els pacients crònics d'atenció primària*. Funding: Col·legi Oficial d'Infermeria de Barcelona. Duration: 2011 - 2014

IP: Guiriguat Capdevila, Carolina. *Efectividad de una alerta electrónica en la historia clínica informatizada para aumentar la participación desde Atención Primaria en un Programa de Cribado de Cáncer Colorrectal*. Funding: Instituto de Salud Carlos III. Duration: 2011 - 2014

IP: Pastor Ramon, Esther. *Medicación inhalada en pacientes de edad avanzada, efectividad en relación a la fragilidad y deterioro cognitivo: Estudio INOLD*. Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2014

IP: Domingo Teixidor, M^a Mar. *Efectividad de un programa de ejercicio físico en la insuficiencia cardíaca en atención primaria, para mejorar la calidad de vida, la capacidad funcional y factores pronósticos-EFICAR*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2014

IP: Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Funding: European Commission. Duration: 2009 - 2014

IP: Urrea Vegas, Magali. *Utilitat dels diagnòstics d'infermeria per determinar el grau d'adherència terapèutica en els pacients crònics d'atenció primària*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2011 - 2013

IP: Torán Monserrat, Pere. *Grau de distrès, somatitzacions i creences sobre salut i malaltia en pacients immigrants recents a les consultes d'atenció primària de Catalunya. Definició de les competències dels professionals sanitaris per al maneig més efectiu d'aquests casos*. Funding: Departament de Salut. Duration: 2011 - 2013

IP: Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2013

IP: Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: Fundació Acadèmia de les Ciències Mèdiques. Duration: 2011 - 2013

IP: Martin Cantera, Carlos. *Ejercicio físico, forma física y patrón dietético y su relación con el perfil circadiano de presión arterial. Augmentation Index y marcadores biológicos de disfunción endotelial (Estudio EVIDENT)*. Funding: Instituto de Salud Carlos III. Duration: 2010 - 2013

IP: Capdevila Rodríguez, Gemma. *Consumo de tóxicos en adolescentes de tercer y cuarto curso de ESO*. Funding: ICS - Institut Català de la Salut. Duration: 2010 - 2013

Articles

Alzamora MT, Forés R, Pera G, Torán P, Heras A, Sorribes M, Baena-Diez JM, Urrea M, Alegre J, Viozquez M, Vela C. Ankle-brachial index and the incidence of cardiovascular events in the Mediterranean low cardiovascular risk population ARTPER cohort. *BMC Cardiovasc Disord*. 2013 Dec 17;13:119. doi: 10.1186/1471-2261-13-119. PubMed PMID: 24341531; PubMed Central PMCID: PMC3878485. **FI: 2,021**

Bundo M, Urrea M, Muñoz L, Pérez M, Llussà J, Forés R, Alzamora M, Torán P. Measurement of the ankle-brachial index with a non-mercury sphygmomanometer in diabetic patients: a concordance study. *BMC Cardiovasc Disord*. 2013;13(1):15. PMID:23497339. **FI: 2,021**

- Bundo M, Urrea M, Muñoz-Ortiz L, Llussà J, Forés R, Torán P. Correlación entre los índices dedo-brazo y tobillo-brazo en pacientes con diabetes mellitus tipo 2. *Med Clin (Barc)*. 2013;140(9):390-394. PMID:22595253. **FI: 1,385**
- Caballería L, Arteaga I, Pera G, Rodríguez L, Alumà A, Auladell MA, Torán P. Factores de riesgo asociados a la presencia de hígado graso no alcohólico: un estudio de casos y controles. *Med Clin (Barc)*. 2013;141:233-239. PMID:23601740. **FI: 1,385**
- Cinca J, Mendez A, Puig T, Ferrero A, Roig E, Vazquez R, Gonzalez-Juanatey JR, Alonso-Pulpon L, Delgado J, Brugada J, Pascual-Figal D; investigators of the Spanish Heart Failure Network (REDINSCOR). Differential clinical characteristics and prognosis of interventricular conduction defects in patients with chronic heart failure. *Eur J Heart Fail*. 2013;15(8):877-884. PMID:23512097. **FI: 4,896**
- Cuesta-Vargas A, Luciano JV, Peñarrubia-María MT, García-Campayo J, Fernández-Vergel R, Arroyo-Morales M, Serrano-Blanco A; FibroQoL Study Group. Clinical dimensions of fibromyalgia symptoms and development of a combined index of severity: the CODI index. *Qual Life Res*. 2013 Feb;22(1):153-60. doi:10.1007/s11136-012-0134-6. Epub 2012 Feb 26. PubMed PMID: 22367681. **FI: 2,300**
- de la Poza Abad M, Mas Dalmau G, Moreno Bakedano M, González González AI, Canellas Criado Y, Hernández Anadón S, Rotaecche del Campo R, Torán Monserrat P, Negrete Palma A, Pera G, Borrell Thió E, Llor C, Little P, Alonso Coello P; Delayed Antibiotic Prescription (DAP) Working Group. Rationale, design and organization of the delayed antibiotic prescription (DAP) trial: a randomized controlled trial of the efficacy and safety of delayed antibiotic prescribing strategies in the non-complicated acute respiratory tract infections in general practice. *BMC Fam Pract*. 2013 May 19;14:63. doi: 10.1186/1471-2296-14-63. PubMed PMID: 23682979; PubMed Central PMCID: PMC3682866. **FI: 1,799**
- Fabrellas N, Alemany M, Urquizu MR, Bartres C, Pera G, Juvé E, Rodríguez L, Torán P, Caballería L. A nurse-led intervention program is effective for early detection of chronic liver diseases in primary care: a pilot study. *Nurs Res*. 2013;62:450-454. PMID:24165222. **FI: 1,402**
- Fabrellas N, Sánchez C, Juvé E, Aurin E, Monserrat D, Casanovas E, Urrea M. A program of nurse algorithm-guided care for adult patients with acute minor illnesses in primary care. *BMC Fam Pract*. 2013 May 16;14:61. doi: 10.1186/1471-2296-14-61. PubMed PMID: 23679821; PubMed Central PMCID: PMC3662611. **FI: 1,799**
- Giraud MA, Vallejo A, Rodríguez MD. Alternativas al tratamiento de la osteoporosis después del bisfosfonato. *Form Med Cont Atenc Prim*. 2013;20(7):410-417.
- González Jara MA, Mora Hidalgo A, Avalos Gulin JC, López Albiach M, Muñoz Ortiz L, Torán Monserrat P, Esteve Ollé X. Exposure of health workers in primary health care to glutaraldehyde. *J Occup Med Toxicol*. 2013 Nov 1;8(1):31. doi:10.1186/1745-6673-8-31. PubMed PMID: 24180250.
- Kakkar AK, Mueller I, Bassand JP, Fitzmaurice DA, Goldhaber SZ, Goto S, Haas S, Hacke W, Lip GY, Mantovani LG, Turpie AG, van Eickels M, Misselwitz F, Rushton-Smith S, Kayani G, Wilkinson P, Verheugt FW; GARFIELD Registry Investigators. Risk profiles and antithrombotic treatment of patients newly diagnosed with atrial fibrillation at risk of stroke: perspectives from the international, observational, Prospective GARFIELD Registry. *PLoS ONE*. 2013;8(5):e63479-e63479. PMID:23704912. **FI: 4,092**
- Lacasta Tintorer D, Flayeh Beneyto S, Alzaga Reig X, Mundet Tuduri X, De la Fuente JA, Manresa JM, Torán Monserrat P, Saigí Rubió F. Impact of the implementation of an online network support tool among clinicians of Primary Health Care and Specialists: ECOPIH Project. *BMC Fam Pract*. 2013 Oct 3;14:146. doi: 10.1186/1471-2296-14-146. PubMed PMID: 24088387; PubMed Central PMCID:PMC3852545. **FI: 1,799**
- Marzo MM, Almeda J, Simonet PJ. ¿Cómo hacer un currículum vitae?. *Form Med Cont Atenc Prim*. 2013;20(6):318-326.
- Medrano R, Vallejo A, Pera G, Martínez I, Jiménez M, Hernández MB. Determinación de arteriopatía periférica mediante diferentes métodos en Atención Primaria. *Metas de enfermería*. 2013;16(5):7-11.
- Miralbell J, López-Cancio E, López-Oloriz J, Arenillas JF, Barrios M, Soriano JJ, Galán A, Cáceres C, Alzamora MT, Pera G, Torán P, Dávalos A, Mataró M. Cognitive patterns in relation to biomarkers of cerebrovascular disease and vascular risk factors. *Cerebrovasc Dis*. 2013;36:98-105. PMID:24029412. **FI: 2,723**
- Monteagudo M, Rodríguez-Blanco M, Pueyo MJ, Zabaleta E, Mercader M, García J, Pujol E, Bolívar B. Gender differences in negative mood states in secondary school students: health survey in Catalonia (Spain). *Gac Sanit*. 2013;27(1):32-9. PMID:22464025. **FI: 1,326**
- Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Ferrer M, Miravittles M. Factors associated with changes in quality of life of COPD patients: a prospective study in primary care. *Respir Med*. 2013 Oct;107(10):1589-97. doi: 10.1016/j.rmed.2013.05.009. Epub 2013 Jun 17. PubMed PMID: 23786889. **FI: 2,475**

Monteagudo M, Rodriguez-Blanco T, Llagostera M, Valero C, Bayona X, Granollers S, Ferro JJ, Acedo M, Almeda J, Rodriguez-Latre L, Muñoz L, Miravittles M. Effect of health professional education on outcomes of chronic obstructive pulmonary disease in primary care: a non-randomized clinical trial. *Respirology*. 2013 May;18(4):718-27. doi: 10.1111/resp.12074. PubMed PMID: 23438203. **FI: 2,416**

Muñoz R, Ortega R, Batalla C, López MR, Manresa J, Torán P. Access and use of new information and telecommunication technologies among teenagers at high school, health implications. *JOITIC Study. Atención Primaria Basada en la Evidencia*. 2013;46(2):77-88.

Torán-Monserrat P, Cebrià-Andreu J, Arnau-Figueras J, Segura-Bernal J, Ibars-Verdaguer A, Massons-Cirera J, Barreiro-Montaña MC, Santamaria-Bayes S, Limón-Ramírez E, Montero-Alia JJ, Pérez-Testor C, Pera-Blanco G, Muñoz-Ortiz L, Palma-Sevillano C, Segarra-Gutiérrez G, Corbella-Santomà S. Level of distress, somatisation and beliefs on health-disease in newly arrived immigrant patients attended in primary care centres in Catalonia and definition of professional competences for their most effective management: PROMISE Project. *BMC Fam Pract*. 2013 May 4;14:54. doi: 10.1186/1471-2296-14-54. PubMed PMID: 23641671; PubMedCentral PMCID: PMC3663739. **FI: 1,799**

Prizes

3er premi de la IX edició del premi per a recerca per a estudiants Gemma Rosell i Romero. Vascular risk factors associated to MCI and ITS subtypes. Lamonja N, López-Olóriz J, López-Cancio E, Soriano-Raya JJ, Arenillas JF, Miralbell J, Barrios M, Cáceres C, Alzamora M, Pera G, Torán P, Clemente I, Dávalos A, Mataró M.

Premi al Millor Projecte d'Investigació en el XXXIII Congreso de la semFYC. Protocolo de un ensayo clínico sobre la prescripción diferida de antibióticos en las infecciones respiratorias agudas no complicadas en atención primaria. de la Poza M, Canellas Y, Rotaache R, Torán P, Hernández S, Borrell E.

Premi al Millor Treball de Recerca Científica en l'Àmbit d'Atenció Primària a la XVI Jornada de Recerca Sanitària al Maresme. Revisió de la prescripció de psicofàrmacs pels símptomes psicològics conductuals relacionats amb la demència en pacients institucionalitzats. Massot M, Tristany M, Vedia C, García J, Espinosa M, Sanz P, Muñoz L, Torán P.

Indicators

Indicator	2013
RESEARCHERS WITH PHD	0
TOTAL NUMBER OF PROJECTS IN WHICH GROUP MEMBERS HAVE PARTICIPATED	28
TOTAL NUMBER OF PROJECTS IN WHICH THE PI OF THE PROJECT HAS BELONGED TO THE GROUP	3
TOTAL FUNDING	1.121.273,57€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	14
TOTAL IMPACT FACTOR	35,64
Nº OF ARTICLES IN Q1 JOURNALS	3
Q1 IF	10,39
Nº OF ARTICLES IN Q2 JOURNALS	10
Q2 IF	18,79

Research group: GRRVO (Grup de Recerca en Respiratori Vallès Oriental)

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 infra-diagnosis 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
Pujol Ribó, Joan
Rabell Santacana, Ventura
Sivecas Maristany, Joan
Vila Rigat, Rosa

Research projects

IP: Martin Cantera, Carlos. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria.* Funding: Fundació Mutua Madrileña. Duration: 2010 - 2015

IP: Pastor Ramon, Esther. *Medicación inhalada en pacientes de edad avanzada, efectividad en relación a la fragilidad y deterioro cognitivo: Estudio INOLD.* Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2014

Indicators

Indicator	2013
RESEARCHERS WITH PHD	1
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	64.390,12€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	
TOTAL IMPACT FACTOR	
Nº OF ARTICLES IN Q1 JOURNALS	
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	
Q2 IF	

Research group: MPOC-BCN (Grup Emergent de Recerca en Malalties Respiratòries a l'Atenció Primària)

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
Medrano Medrano, Casimira
Ostiz Zubieta, Fabián
Pedro Pijoan, Ana Maria
Peiró Fàbregas, Meritxell
Plaza Moral, Vicente
Pou Giménez, Maria Antònia
Solanes García, Ingrid
Valero Garcia, Carles
Valverde Trillo, Pepi

Research projects

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. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Funding: Fundació Mutua Madrileña. Duration: 2010 - 2015

IP: Juvantený Gorgals, Joan. *Validació del qüestionari RAS_HO amb la pulsioximetria nocturna domiciliària com a mètode de cribatge de la Síndrome de Apnees i Hipoapnees del Son (SAHS) en Atenció Primària*. Funding: ICS - Institut Català de la Salut. Duration: 2013 - 2014

IP: Gayarre Aguado, Raquel. *Modificació de l'actitud dels estudiants de cinquè i sisè de Medicina després de les pràctiques d'atenció primària*. Funding: Fundació d'Atenció Primària (CAMFic) . Duration: 2012 - 2013

Articles

Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Ferrer M, Miravittles M. Factors associated with changes in quality of life of COPD patients: a prospective study in primary care. *Respir Med*. 2013 Oct;107(10):1589-97. doi: 10.1016/j.rmed.2013.05.009. Epub 2013 Jun 17. PubMed PMID: 23786889. **FI: 2,475**

Monteagudo M, Rodríguez-Blanco T, Llagostera M, Valero C, Bayona X, Granollers S, Ferro JJ, Acedo M, Almeda J, Rodríguez-Latre L, Muñoz L, Miravittles M. Effect of health professional education on outcomes of chronic obstructive pulmonary disease in primary care: a non-randomized clinical trial. *Respirology*. 2013 May;18(4):718-27. doi: 10.1111/resp.12074. PubMed PMID: 23438203. **FI: 2,416**

Indicators

Indicator	2013
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	44.020,12€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	2
TOTAL IMPACT FACTOR	4,89
Nº OF ARTICLES IN Q1 JOURNALS	0
Q1 IF	
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	2,475

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 Herrandiz, Rafael



RESEARCHERS

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

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 - 2015

IP: Abós Herrandiz, Rafael. *Estudio de factores asociados a la enfermedad relacionada con el amianto en atención primaria en un área de la provincia de Barcelona. Estudio de casos y controles.* Funding: Instituto de Salud Carlos III. Duration: 2011 - 2015

IP: Vedia Urgell, Cristina. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT.* Funding: Ministerio de Sanidad y Política Social e Igualdad. Duration: 2011 - 2015

IP: Martin Asuero, Andres. *Efectivitat d'un programa formatiu amb comunicació conscient en la reducció del malestar psicològic i la millora de la relació professional sanitari-pacient a l'Atenció Primària.* Funding: Duration: 2011 - 2013

Articles

Rosell M, Abós R, Tarrés J, Albertí C, García I, Martínez X, Krier I, Grimau I, Orriols R, Canela-Soler J. Risk factors associated with asbestos-related diseases: a community-based cas-control study. BMC Public Health. 2013;13(1):723-728. PMID:23915043. FI: 1,997

Tarrés J, Albertí C, Martínez-Artés X, Abós-Herràndiz R, Rosell-Murphy M, García-Allas I, Krier I, Cantarell G, Gallego M, Canela-Soler J, Orriols R. Pleural mesothelioma in relation to meteorological conditions and residential distance from an industrial source of asbestos. Occup Environ Med. 2013 Aug;70(8):588-90. doi: 10.1136/oemed-2012-101198. Epub 2013 May 21. PubMed PMID:23695414. FI: 3,020

Indicators

Indicator	2013
RESEARCHERS WITH PHD	4
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	1
TOTAL FUNDING	81.414,20€
SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS	2
TOTAL IMPACT FACTOR	5,02
Nº OF ARTICLES IN Q1 JOURNALS	1
Q1 IF	3,02
Nº OF ARTICLES IN Q2 JOURNALS	1
Q2 IF	1,997

10. USR (Research Support Unit)

Unitat central de la recerca

The IDIAP Jordi Gol Central Research Unit (UCR) is a scientific board constituted by a multidisciplinary team of investigators: physicians, nurses, psychologists, pharmacists, statisticians and economists. The aim of the CRU is to develop original research projects and to collaborate in the day-to-day running of the IDIAP.

The CRU responsibilities are:

- To establish criteria and quality procedures for the evaluation of scientific activities.
- To promote quality in healthcare research amongst primary care investigators.
- To promote training amongst primary care professionals and the research specialists of the research units.
- To raise the profile of the IDIAP.
- To develop tools towards an efficient coordination of primary care investigators.
- To participate in the research groups of the IDIAP.
- To assist in the development of projects of the IDIAP.
- To collaborate in the day-to-day running of the IDIAP.

COORDINATOR

Bolíbar Ribas, Bonaventura



RESEARCHERS

Berenguera Ossó, Anna
Casajuana Closas, Marc
Casellas Torrentó, Aina
Foguet Boreu, Quintí
Giner Soriano, Maria
Monteagudo Zaragoza, Mònica
Pera Pujadas, Helena
Pons Vigués, Mariona
Puente Baliarda, Diana
Pujol Ribera, Enriqueta
Rodríguez Blanco, Teresa
Roso Llorach, Albert
Zabaleta del Olmo, Edurne

Articles

Florit-Sureda M, Giner-Soriano M, Antonio JM, Carmona-Yelo A. Effective treatment of a highly active antiretroviral regimen through jejunostomy. J Chemother. 2014 Jun;26(3):176-9. doi: 10.1179/1973947813Y.0000000140. Epub 2013 Dec 6. PubMed PMID: 24075526. **FI: 1,084**

Barrantes M, Giner-Soriano M. Espondilitis per Escherichia coli productora de betalactamases d'ampli espectre. [Cas clínic]. Circular farmacéutica. 2013;71(3):31-36.

TOTAL FI: 1,084

USR Barcelona

About

Health sciences move forward when research addresses questions generated in daily clinical practice. Research in primary care is crucial to prove the effectiveness of the large number of interventions that take place in primary care practice. To this end, the Research Support Unit has the important role of adequately channelling all efforts and maximising the potential of our professionals.

The Research Support Unit of the Primary Care Area of Barcelona Ciutat is an initiative established by means of the agreement between the IDIAP Jordi Gol, the Primary Care Division of the Catalan Health Institute (ICS) and the Health Department.

Aims

- Promotion and coordination of research programmes in primary care.
- Creation and accreditation of new research networks. Consolidation of established networks.
- To attract new professionals to research.
- Training in research methods.
- Creation of exchange and communication channels.
- Dissemination of research activities and of the results obtained.
- Coordination with other research bodies, scientific societies and universities.

The activities of the Research Support Unit of the Primary Care Area of Barcelona Ciutat and the support offered to primary care professionals are as follows:

- Design and development of projects, statistical methods, manuscript writing.
- Information on research training opportunities and organisation of workshops.
- Funding opportunities.
- Support and supervision of PhD thesis.

COORDINATOR

Muñoz Pérez, Miguel Angel



RESEARCHERS

Beltrán Hernández, Ángela María
Birulés Muntané, Irene
Campo Osaba, Maria Antonia
del Val García, José Luis
Ferrer Bachiller, Ana
Gómez García, Ana Maria
Martin Cantera, Carlos
Orfila Pernas, Francesc
Puigdomenech Puig, Elisa
Real Gatus, Jordi
Sánchez Fondevila, Jessica

Articles

- Gómez-Marcos MA, Patino-Alonso MC, Recio-Rodríguez JI, Antón-Alvarez J, Cabrejas-Sánchez A, Fernandez-Alonso C, Rubio-Galán J, Arce V, García-Ortiz L. Confirmatory factor analysis to assess the measure of adiposity that best fits the diagnosis of metabolic syndrome and relationship to physical activity in adults. *Eur J Nutr*. 2013;52(5):1451-9. PMID:23064948. **FI: 2,750**
- Llor C, Cots JM. Dispensing of antibiotics without a medical prescription and communication skills of pharmacists. *Aten Primaria*. 2013;45(9):496-497. PMID:23582271. **FI: 0,627**
- Llor C, Hernández S, Cots JM, Bjerrum L, González B, García G, Alcántara Jde D, Guerra G, Cid M, Gómez M, Ortega J, Pérez C, Arranz J, Monedero MJ, Paredes J, Pineda V; Grupo de trabajo Happy Audit España. Physicians with access to point-of-care tests significantly reduce the antibiotic prescription for common cold. *Rev Esp Quimioter*. 2013;26(1):12-20. PMID:23546457. **FI: 0,810**
- Llor C, Bjerrum L, Munck A, Hansen MP, Córdoba GC, Strandberg EL, Ovsted I, Radzeviciene R, Cots JM, Reutskiy A, Caballero L. Predictors for antibiotic prescribing in patients with exacerbations of COPD in general practice. *Ther Adv Respir Dis*. 2013 Jun;7(3):131-7. doi: 10.1177/1753465812472387. Epub 2013 Jan 16. PubMed PMID: 23325784.
- Llor C, Senan MR. Verruga genital. [Article revisió]. *Form Med Cont Atenc Prim*. 2013;20:284-288.
- Félez E, Sagarra M, Romero A, Rubio M, Planas L, Pérez M, Baiget M, Cabistany C, Félez J. Nurse-Driven Training Courses: Impact on Implementation of Ambulatory Blood Pressure Monitoring (published online 2013 april 5. doi: 10.2174/1874434601307010035). *The open nursing journal*. 2013;7:35-40. PMID:23750185.
- Vila MA. Cómo valorar un linfedema. *Form Med Cont Atenc Prim*. 2013;20(7):391-398.
- Dalfó A. Perception of health and understanding of cardiovascular risk among patients with recently diagnosed diabetes and/or metabolic syndrome. *Eur J Cardiovasc Prev Rehabil*. 2013;1(20):21-28. PMID:10.1177. **FI: 2,634**
- Campos-Serna J, Ronda-Pérez E, Moen BE, Artazcoz L, Benavides FG. Welfare state regimes and gender inequalities in the exposure to work-related psychosocial hazards. *Int J Occup Environ Health*. 2013;19(3):179-195. PMID:23885772. **FI: 1,035**
- Campos-Serna J, Ronda-Pérez E, Artazcoz L, Moen BE, Benavides FG. Gender inequalities in occupational health related to the unequal distribution of working and employment conditions: a systematic review. *Int J Equity Health*. 2013 Aug 5;12(1):57. doi: 10.1186/1475-9276-12-57. Review. PubMed PMID:23915121;PubMed Central PMCID: PMC3765149. **FI: 1,712**
- Gené Badia J, Borràs Santos A, Contel Segura JC, Terén CA, González LC, Ramírez EL, Gallo de Puellas P; HC>65 Research Team. Predictors of mortality among elderly dependent home care patients. *BMC Health Serv Res*. 2013 Aug 15;13:316. doi: 10.1186/1472-6963-13-316. PubMed PMID: 23947599; PubMed Central PMCID: PMC3765804. **FI: 1,660**
- Lumillo I, Urpí AM. Intervenciones dirigidas por enfermeras para mejorar la adherencia a la medicación crónica. *Enferm Clin*. 2013;23(3):133-134. PMID:23608135.
- Torner N, Baricot M, Martínez A, Toledo D, Godoy P, Domínguez A, Physicians' Network Of Catalonia Pidirac TI. Influenza sentinel surveillance network: A public health-primary care collaborative action to assess influenza A(H1N1) pdm09 in Catalonia, Spain. *Hum Vaccin Immunother*. 2013;9(3):671-674. PMID:23396181. **FI: 3,136**

TOTAL FI: 14,364

Research projects

- Clinical research on tuberculosis drugresistance in Europe. Tuberculosis European Network. FP7-H-2007-B. 2010-2013. IP: Altet N. Inv.Col: de Souza ML, Jiménez MÀ, Mila C, Solsona J.
- Factores asociados a infección por VIH en personas con gonococia y sífilis. FIPSE. 24646/07. 2011-2013. IP: Barberá MJ. Estudio clínico controlado para evaluar la eficacia y seguridad de un programa para el abandono del tabaquismo en fumadores con tuberculosis. RESPIRA. Fundación Española del Pulmón. SEPAR. 2012-2013. IP: Jiménez MÀ. Inv. Col: Altet N.
- Anàlisi comparatiu de dues estratègies terapèutiques aplicades a la gonartrosis. ICS - Institut Català de la Salut. 2013-2013. IP: Fabra ML. Inv.Col: Arroyo R, Möller M, Nuñez E.

Coneixements respecte la malaltia de Chagas de les persones afectades i els professionals sanitaris, en un entorn no endèmic: hi ha diferències?. ICS - Institut Català de la Salut. 2013-2013. IP: Claveria I. Inv.Col: Gómez J, Morales RM, Navarro R, Ortiz N, Rodríguez EM, Serre N, Soriano A, Treviño MB.

Dificultades en la atención sanitaria al colectivo inmigrante. Percepción de los profesionales de Atención Primaria y fundamentos para el diseño de estrategias de mejora. ICS - Institut Català de la Salut. 2013-2013. IP: Plaza I. Inv.Col: Casanovas C, Cegri F, Domínguez N, Grau J.

Dificultades en la atención sanitaria al colectivo inmigrante. Percepción de los profesionales de Atención Primaria y fundamentos para el diseño de estrategias de mejora. IDIAP Jordi Gol. 2012/06. 2013-2014. IP: Plaza I. Inv.Col: Casanovas C, Cegri F, Domínguez N, Grau J.

Assaig clínic per valorar l'eficàcia de l'ús de l'entorn web (Wikispace de suport sanitari- educatiu i social) en els cuidadors dels malalts oncològics versus l'atenció sanitària convencional en l'Atenció Primària. ICS - Institut Català de la Salut. 2013-2013. IP: Zambrano M. Inv.Col: Carrera E, Chorén MJ, Espejo T, Martínez J, Pardo MJ, Perez L.

Avaluació de l'efectivitat d'un programa de Rehabilitació Respiratòria precoç en pacients amb tuberculosi pulmonar. ICS - Institut Català de la Salut. 2013-2013. IP: Möller M. Inv.Col: Arroyo R, Martín M, Nuñez E, Solsona J.

Implantació d'un programa multidisciplinar en el tractament de l'ATM en l'àmbit de l'Atenció Primària. ICS - Institut Català de la Salut. 2013-2013. IP: Martín M. Inv.Col: Arroyo R, Fabra ML, Möller M, Nuñez E.

Auto tractament d'urgència per malària o paludisme en viatgers internacionals: valorar la utilització realitzada per els viatgers de l'auto tractament indicat a la consulta pre viatge de la UMTSID durant l'any 2012. ICS - Institut Català de la Salut. 2013-2013. IP: Morales RM. Inv.Col: Gómez J.

Deteriorament cognitiu en pacients amb insuficiència cardíaca. ICS - Institut Català de la Salut. 2013-2013. IP: Gonzalez MJ.

Lactancia materna e Hipomineralización Incisivo-Molar en la población infantil Atención Primaria de Barcelona. Estudio de casos y controles. ICS - Institut Català de la Salut. 2013-2013. IP: Ruiz C. Inv.Col: Pasariss M, Tomas N.

Perfil de conducta sedentaria en los pacientes con sobrepeso y obesidad moderada: Un análisis de la posible población diana que participará en el estudio SEDESTATIV. Estudio observacional descriptivo. ICS - Institut Català de la Salut. 2013-2013. IP: Lasaosa ML. Inv.Col: Garrell I, Gil MI, Marne M, Roura L, Solf E, Vera A.

Efecto de pérdida de peso sobre la hipertransaminasemia de la Esteatosis hepática no alcohólica: ensayo clínico aleatorizado, abierto, con grupo control. ICS - Institut Català de la Salut. 2013-2013. IP: Selvi M. Inv.Col: Fernández EM, Manzano M, Sadurní E, Samperio MA.

Estudi de les característiques dels pacients traslladats pel Sistema d'Emergències Mèdiques als Centres d'Urgències d'Atenció Primària (CUAP) i de les derivacions de pacients dels CUAP als Serveis d'Urgències dels Hospitals. ICS - Institut Català de la Salut. 2013-2013. IP: Baena B.

Avaluació del pilot del Programa d'Atenció i Educació Terapèutica pel Debut de Diabetis Mellitus Tipus 2 en l'Àrea d'Atenció Integral de Salut Barcelona Esquerre (AISBE). Fundació Acadèmia de les Ciències Mèdiques. 2013-2014. IP: Colungo C. Inv.Col: Benet T, Liroz M, Pereira A.

Prizes

Premi al Millor pòster de la secció. 18^a Reunión nacional de la Sociedad Española de Hipertensión Arterial. Resultados post-intervención. Estudio perimetro braquial EAP Gòtic. Vila MA.

USR Catalunya central

The Research Support Unit of Central Catalonia was created in 2009.

The mission is to provide the research groups, individual investigators and multidisciplinary teams of the Central Catalonia Primary Care Area with the support and means necessary to develop and participate in studies aimed to increase our knowledge and generate evidence to improve the management of health problems in primary care.

Aims

- To develop and consolidate primary care research projects in our area.
- To train our professionals in research methods to maximise the quality of the projects.
- To strengthen and disseminate information about the research role of primary care professionals in our area.
- To promote research partnerships between professionals within our area, between different levels of care and with other national and international groups.
- To manage research resources to guarantee sustainability.
- To promote the translation and dissemination of results.

COORDINATOR

Deniel Rosanas, Joan



RESEARCHERS

Àlamo Junquera, María Dolores
Fígols Pedrosa, Màrius
Sala Real, Núria

Articles

Oliván B, Puebla M, Pérez MC, Arcega MR, Andres EM, Lopez Y, Magallón R, Roca M, Garcia J. Evaluation of the efficacy of memantine in the treatment of fibromyalgia: study protocol for a doubled-blind randomized controlled trial with six-month follow-up. [Artículo Original]. *Trials*. 2013;14(1):3-10. PMID:23286311. **FI: 2,496**

Verdú J, Roig I, Almirall C. Fractura osteoporótica en paciente varón, secundaria a hipogonadismo por privación androgénica para tratamiento de adenocarcinoma prostático. [Cas clínic]. *Semergen*. 2013;573.

Torner N, Baricot M, Martínez A, Toledo D, Godoy P, Domínguez A, Physicians' Network Of Catalonia Pidirac TI. Influenza sentinel surveillance network: A public health-primary care collaborative action to assess influenza A(H1N1) pmd09 in Catalonia, Spain. *Hum Vaccin Immunother*. 2013;9(3):671-674. PMID:23396181. **FI: 3,136**

Cartanyà J. Evaluación y tratamiento de la patología grave en pediatría en el ámbito de la Atención Primaria. *AMF-Actualización en Medicina de Familia*. 2013;9(5):241-249.

García A, Armengol J. Exantemas en la infancia. *AMF-Actualización en Medicina de Familia*. 2013;9(5):270-277.

Veneros L, Sanz N. Problemas agudos de la piel y mucosas en la infancia. *AMF-Actualización en Medicina de Familia*. 2013;9(5):293-298.

Tuneu MJ, Vallès X, Carnicer-Pont D, Barberá MJ, Godoy P, Avecilla-Palau A, Jordà B, Lopez-Grado E, Rivero D, Vives A, Acera A, Almirall R, Crespo N, Casabona J, the Partner Notification Study Group. Pilot study to introduce a notification card for partner notification of sexually transmitted infections in Catalonia, Spain, June 2010 to June 2011. *Euro Surveill.* 2013;18(27):pii=20516. Available online: <http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=20516>

Fígols M, Font L, Deniel J. Expectativas en torno a la investigación de los profesionales de atención al usuario en Atención Primaria de Salud. *SEAUS.* 2013;28:49-56.

Camprodon N. ¿ Son efectivos los anti virales tópicos en el tratamiento del herpes labial? *AMF-Actualización en Medicina de Familia.* 2013;9(7):409-411.

Font-Ribera L, Garcia-Continente X, Pérez A, Torres R, Sala N, Espelt A, Nebot M. Driving under the influence of alcohol or drugs among adolescents: the role of urban and rural environments. *Accid Anal Prev.* 2013 Nov;60:1-4. doi: 10.1016/j.aap.2013.07.031. Epub 2013 Aug 11. PubMed PMID: 23995594. **FI: 1,867**

TOTAL FI: 7,499

USR Girona

Research is essential to improve the quality of care for patients. As such, research should respond to challenges originated in daily clinical practice and research projects should be designed to provide answers to clinical priorities. This is the goal of the Girona Research Support Unit, with the assistance of the Girona Primary Care Area and the Primary Health Care University Research Institute-IDIAP Jordi Gol. Our strategy is twofold: to promote research amongst professionals with limited investigation experience and with projects that do not have funding, and to assist established research groups in their ongoing, publicly funded projects.

Research areas

Our unit would consider any line of research that relates to primary health care. However, together with the Cardiovascular Research Area of the Primary Health Care University Research Institute-IDIAP Jordi Gol, priority is given to cardiovascular diseases, particularly arteriosclerosis and its risk factors. Our unit is currently active in four important research fields: cardiovascular disease, diabetes, hypertension and immigrant health.

To conduct these projects, our RSU has developed partnerships with other institutions. We have strong collaborative links with the Girona Family Medicine Teaching Unit, a leading promoter of research in our area. Most of our studies are conducted in collaboration with research bodies such as REGICOR, the Hospital del Mar Research Institute (IMIM), the Hospital Josep Trueta, currently the Girona Biomedical Research Institute, and the University of Girona. It is therefore a priority of this unit to strengthen these collaborations and to create new partnerships.

Support to emerging research (training)

We define emerging research as the research carried out by health professionals with limited experience, limited research training and with no funding allocated to their project. Emerging research is the gate for a clinician towards his/her research training and career.

Support to consolidated (funded) research

To help research groups achieve the objectives of their projects, the RSU will allocate resources to the established research groups in Girona with ongoing projects publicly funded.

COORDINATOR

Ramos Blanes, Rafel



RESEARCHERS

Alves Cabratosa, Lia
Blanch Font, Jordi
Camós Llovet, Lourdes
Cano Bautista, Annabel
Comas Cufí, Marc
Garcia Gil, M^a del Mar
Martí Lluch, Ruth
Ponjoan Thans, Anna
Ramos Blanes, Josep M^a

Research projects

Estudi sobre la percepció de risc d'infeccions de transmissió sexual i embarassos no desitjats en joves. Un estudi socioconstructivista amb una perspectiva de gènere realitzat en Atenció Primària. IDIAP Jordi Gol. 3. 2012-2013. IP: Saura S. Inv.Col: Castellà I, GARCIA J, Jorquera V, Mascort C, Rodríguez MD, Vicens L.

USR Lleida

The Lleida USR was created in 2002. The structure of the unit was modified during the first half of 2007 thanks to the support and commitment of the current directors of the Lleida Primary Care Area and the IDIAP with the appointment of two new research specialists and, together with the ICS headquarters, the move to new premises. The priority of the new unit is to provide the primary care professionals with methodological and technical support to assist them in their clinical research projects.

Activities

- Methodological support.
- Design and follow up of research projects.
- External funding application assistance.
- Dissemination of results amongst professionals.
- Continued professional development in research.
- The funding and support are aimed at professionals of our area with the motivation and the ability to conduct research projects.

COORDINATOR

Cruz Esteve, Inés



RESEARCHERS

Bosch Gaya, Ana Rosa
Galindo Ortego, Gisela
Marsal Mora, Josep Ramon
Real Gatus, Jordi
Serra Paya, Noemi
Vilaplana Mateu, Conxa

Articles

Ruiz Sánchez M, Borrell-Carrió F, Ortodó Parra C, Fernàndez I Danés N, Fité Gallego A. [Clinical safety audits for primary care centers. A pilot study]. *Aten Primaria*. 2013 Aug-Sep;45(7):341-8. doi: 10.1016/j.aprim.2013.01.005. Epub 2013 Mar 7. Spanish. PubMed PMID: 23478066. **FI: 0,627**

Guitard Sein-Echaluce ML, Torres Puig-gros J, Farreny Justribó D, Gutiérrez Vilaplana JM, Martínez Orduna M, Artigues Barberá EM. [Adherence to physical activity recommendations in a hypertensive primary care population]. *Gac Sanit*. 2013 Jul-Aug;27(4):365-8. doi: 10.1016/j.gaceta.2012.11.004. Epub 2012 Dec 31. Spanish. PubMed PMID: 23287102. **FI: 1,326**

Fernandez A, Pellitero A, Rodriguez R, Barranco MP, Aparicio F. Caso clinico: incongruencia de sexo en la infancia. *Agora de enfermería*. 2013;17(4):161.

Aparicio F, Barranco MP, Pellitero A, Rodriguez R. Hipercolesterolemia familiar homocigota, evolución en 5 años. *Med Gen*. 2013;2(2):45-47.

Aparicio F, Barranco MP, Pellitero A, Rodriguez R, Calvo MC, Fernández AI. Trastorno de la identidad sexual en una niña. *Med Gen*. 2013;2(6):195-196.

Aparicio F, Barranco MP, Pellitero A, Rodriguez R. Patomimia. Med Gen. 2013;2(4):126-127.

Plana A. Experiencia docente en la evaluación de competencias en los alumnos de segundo grado de Medicina de Lleida. Butlletí mèdic del col·legi oficial de Lleida. 2013;103:24-27.

TOTAL FI: 1,953

Research projects

Variabilitat entre professionals en el maneig de pacients diagnosticats de diabetis. IDIAP Jordi Gol. 2013-2013. IP: Molló M. Inv.Col: Pujol F.

Ecografies a l'Atenció Primària de Lleida/Pirineus. ICS - Institut Català de la Salut. 2012-2014. IP: Solanes M.

Incidencia y factores de riesgo asociados a la hospitalización por exacerbación de la enfermedad pulmonar obstructiva crónica y determinación de las efectividades de las vacunaciones antigripal y antineumocócica 23-V2013-2014. IP: Montserrat J. Inv.Col: Pena M, Sánchez V.

Prizes

3er Premio a la mejor comunicación. VI Congreso Nacional de Enfermería y Salud Escolar. Modelo conceptual y metafórico de "Taller" para la formación en educación para la salud. Sáez S, Martínez M, Serra Y, Torres C, Arimon E, Alzuria RM.

Primer premi Comunicació Oral. VII Jornada d'Actualització Pneumològica. Seguimiento del tratamiento con CPAP en las unidades de sueño y en atención primaria. Estudio comparativo randomizado de equivalencia sobre el cumplimiento y la respuesta clínica. Lavega MM, Juní C, Regany M, Obis E, Roquet N, Esquinas C.

Premi a la millor comunicació. 9è Congrés de l'ACIP. Nutrició utilitat d'un aplicatiu web per a la prevenció i tractament de l'obesitat infantil. Flores M.

Thesis

Martínez M. Evaluación de un programa de Intervención en Salud en Grupos Seleccionados. Facultat de Medicina de Lleida, Universitat de Lleida. 19/04/2013.

Franco L. Estrès aculturatiu, xarxa social i depressió en la població immigrada de la comarca de la Segarra. Lleida: Facultat de Medicina, Universitat de Lleida. 12/12/2013.

USR Metropolitana nord

About

The Barcelonès Nord and Maresme Research Support Unit (USR) was created in June 2006 as the final step of a project initiated in 2000 with the constitution of the Research Coordination in Primary Care, which at the time was responsible for research promotion and support in our area.

Our mission is to provide the researchers of the Barcelonès Nord and Maresme Area (<http://bnm.cpd1.grupics.intranet:7778/>) with the support and means necessary to develop and participate in research projects that improve the efficacy, effectiveness and efficiency of primary health care.

Aims

- To develop and consolidate primary care research projects in our area.
- To train our professionals in research methodology to maximise the quality of the projects.
- To strengthen and disseminate information about the research role of primary care professionals in our area.
- To promote research partnerships between professionals within our area, between different levels of care and with other national and international groups.
- To manage research resources to guarantee sustainability.

Other objectives

- To facilitate the access of professionals to a research group or project.
- To promote and consolidate individual investigators and research groups.
- To increase the number of projects seeking independent funding.
- To enhance the scientific value of the projects in order to increase the success rate of the applications for funding.
- To contribute to the studies, particularly in relation to registration, analysis and dissemination of results.

Role and activities

- To disseminate the work of the USR.
- To update the research map of our area.
- To manage the research budget in our area.
- To participate in the research areas of the IDIAP Jordi Gol.
- To achieve the accreditation of our research groups.
- To enhance the scientific value of the proposals that apply for government funding.
- To support the ongoing projects.
- To train in research methods.

COORDINATOR

Torán Monserrat, Pere



RESEARCHERS

Alzamora Sas, M^a Teresa
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Dalmau Bueno, Albert
Fernandez Najar, Beatriz
Manresa Domínguez, Josep Maria
Muñoz Ortiz, Laura
Navarro Juan, Carmen
Pera Blanco, Guillem
Puigfel Piquer, Yolanda
Roca, Carlos
Rodriguez Gonzalez, Luis
Sorribes López, José
Urrea Vegas, Magali
Vargas Manzano, Francisca

Articles

- Solsona G, González N, Albaladejo C, Martín JA. Monitorización ambulatoria de la presión arterial de 48 horas: experiencia en un centro de salud. [Carta de investigación]. *Hipertensión y Riesgo Vascular*. 2013;30(1):30-32.
- Albaladejo C, Martín JA, Lopez I. La medicina de familia sigue siendo una especialidad poco atractiva para los estudiantes de medicina. [Carta al director]. *Aten Primaria*. 2013;45 (8):442-444. PMID:23809401. **FI: 0,627**
- Puig N, Teixidó C, Estébanez JL, Bosch S. Prevalencia de lesiones en el ámbito de la atención primaria, a proposito de las variantes de registro. *Metas de enfermería*. 2013;16(2):6-10.
- Moreno I, Bielsa I. Pitiriasis rubra pilaris. *Form Med Cont Atenc Prim*. 2013;20(8):494-495.
- Moreno I, Bielsa I, Rivodigo M. Liquen plano folicular. *Med Clin (Barc)*. 2013;140(4):192-192. PMID:23276609. **FI: 1,385**
- Félez E, Sagarra M, Romero A, Rubio M, Planas L, Pérez M, Baiget M, Cabistany C, Félez J. Nurse-Driven Training Courses: Impact on Implementation of Ambulatory Blood Pressure Monitoring (published online 2013 april 5. doi: 10.2174/1874434601307010035). *The open nursing journal*. 2013;7:35-40. PMID:23750185.
- Ruiz Izquierdo J, Pérez-Moltó H, Smithson Amat A, López Mompó C. [Classic homocystinuria: rare cause of massive pulmonary thromboembolism with cardiac arrest]. *Med Clin (Barc)*. 2013 Mar 2;140(5):236. doi: 10.1016/j.medcli.2012.07.003. Epub 2012 Sep 16. Spanish. PubMed PMID: 22989679. **FI: 1,385**
- Brugada M, Medrano R, Mora O, Valverde I, Martín A, Marcos E. Diversidad y universalidad como respuesta a pie diabético en paciente paquistaní con diabetes mellitus tipo2 desde Atención Primaria. *Gerokomos*. 2013;24(3):139-143.
- Altés A, Pérez-Lucena MJ, Bruguera M; en representación de la Comisión de Hiperferritinemia del Grupo Ibérico de Ferropatología. [Systematic approach to the diagnosis of hyperferritinemia.]. *Med Clin (Barc)*. 2013 Sep 6. pii: S0025-7753(13)00464-8. doi: 10.1016/j.medcli.2013.06.010. [Epub ahead of print] PubMed PMID: 24018249. **FI: 1,385**
- Esteba-Castillo S, Dalmau A, Ribas-Vidal N, Vilà-Alsina M, Novell-Alsina R, García-Alba J. Adaptación y validación del Cambridge Examination for Mental Disorders of Older People with Down's Syndrome and Others with Intellectual Disabilities (CAMDEX-DS) en población española con discapacidad intelectual. *Rev Neurol*. 2013;57(8):337-346. PMID:24081888. **FI: 1,218**
- Gené Badia J, Borràs Santos A, Contel Segura JC, Terén CA, González LC, Ramírez EL, Gallo de Puelles P; HC>65 Research Team. Predictors of mortality among elderly dependent home care patients. *BMC Health Serv Res*. 2013 Aug 15;13:316. doi: 10.1186/1472-6963-13-316. PubMed PMID: 23947599; PubMed Central PMCID: PMC3765804. **FI: 1,660**
- Casals E. Oral health care activities performed by caregivers for institutionalized elderly in Barcelona-Spain. *Med Oral*. 2013;18:641-649.

Casals E, Pérez G. Oral Health-Related Quality of Live in institutionalized elderly in Barcelona (Spain). Med Oral. 2013;18:285-292.

TOTAL FI: 7,660

Prizes

2on premi al millor pòster. IV Congreso de la Sociedad Científica Española de Enfermería Escolar. El tabaquisme als adolescents de la ESO. Peral FJ, Colomer A, Monserrat L.

USR Metropolitana sud

This unit was created in 2006 with the aim to promote and improve primary care research in the Costa de Ponent Primary Care Area, by means of supplying researchers with technical and professional support.

Objectives

- To increase the number of competitive, multicentric and multidisciplinary projects.
- To assist in the preparation of projects eligible to apply for funding.
- To collaborate in the development and consolidation of research networks.
- To increase scientific output (publication in specialised journals, communications in meetings, PhD thesis).
- Via research groups, to promote the consolidation of research areas.
- To increase the number of investigators in our area, particularly in the teaching units.
- To involve residents of family medicine and residents of pharmacy in research projects through a specific training period.
- To improve research training through meetings and workshops.

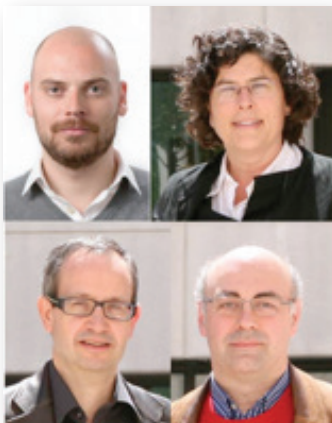
What are our current and future tasks?

To provide with technical support individuals and groups in relation with:

- Design of research projects.
- Bibliographic search in health sciences.
- Design and creation of databases.
- Statistical analysis.
- Manuscript writing and translation into English of journal articles and scientific communications.
- Promotion of clinical trials.
- Guidance to pursue doctoral studies (PhD).
- Teaching and training courses in research.
- Basic introduction to research methods.
- How to apply for funding.
- English for research and for oral presentations.
- How to make a poster.

COORDINATOR

Simonet Aineto, Pere



RESEARCHERS

Almeda Ortega, Jesús
Cunillera Puértolas, Oriol
Marzo Castillejo, Maria Mercè

Articles

- Villar I, Carrillo R, Regí M. Métodos no invasivos en la evaluación de la fibrosis hepática: Elastografía de transición. [Article revisió]. *Form Med Cont Atenc Prim*. 2013;20(4):213-216.
- Regí M, Villar I. Cervicobraquialgia: síntoma inicial del Síndrome de Pancoast. [Cas clínic]. *Revista clínica de medicina familiar*. 2013;6(1):51-53.
- Wise RA, Anzueto A, Cotton D, Dahl R, Devins T, Disse B, Dusser D, Joseph E, Kattenbeck S, Koenen-Bergmann M, Pledger G, Calverley P; TIOSPIR Investigators. Tiotropium Respimat inhaler and the risk of death in COPD. *N Engl J Med*. 2013 Oct 17;369(16):1491-501. doi: 10.1056/NEJMoa1303342. Epub 2013 Aug 30. PubMed PMID:23992515. **FI: 53,298**
- Garzon M, Gallardo C, Padín C, López RM, Rodríguez LM. Estudio descriptivo de la monitorización ambulatoria de la presión arterial en la consulta de Atención Primaria. *Enferm Clin*. 2013;5(23):218-224. PMID:24094601.
- Prats M, López R, de la Torre A. Abordaje enfermero de un pacient con insuficiencia cardíaca en Atención Primaria. [Cas clínic]. *Metas de enfermería*. 2013;10(15):56-61.
- Leon M. Abordaje de los trastornos del estado de ánimo en atención primaria de salud. [Protocol i Aspectes Metodològics]. *Form Med Cont Atenc Prim*. 2013;20(3):9-30.
- Ruiz Sánchez M, Borrell-Carrió F, Ortodó Parra C, Fernández I Danés N, Fité Gallego A. [Clinical safety audits for primary care centers. A pilot study]. *Aten Primaria*. 2013 Aug-Sep;45(7):341-8. doi: 10.1016/j.aprim.2013.01.005. Epub 2013 Mar 7. Spanish. PubMed PMID: 23478066. **FI: 0,627**
- Borrell F. Atenció Primària i Bioètica. El repte de la excel·lència. [Article revisió]. *Bioètica&Debat*. 2013;68(19):16-19.
- Borrell F. Como leer (bien) un libro de ensayo. [Protocol i Aspectes Metodològics]. *Boletín DocTutor*. 2013;Nov:<http://www.doctutor.es/2013/11/04/leer-bien-un-libro-o-articulo-de-ensayo-i/>
- Borrell F. Como leer (bien) un libro de ensayo. [Protocol i Aspectes Metodològics]. *Boletín DocTutor*. 2013;II Parte(Diciembre). <http://www.doctutor.es/2013/12/16/leer-bien-un-libro-o-articulo-de-ensayo-ii/>
- Borrell F, Hernández J. La reflexión en la entrevista clínica. [En prensa]. *Rev Clin Esp*. **FI: 2,008**
- Verdú J, Roig I, Almirall C. Fractura osteoporótica en paciente varón, secundaria a hipogonadismo por privación androgénica para tratamiento de adenocarcinoma prostático. [Cas clínic]. *Semergen*. 2013;573.
- Verdú J, Soler M, Ojeda IM. Osteonecrosis de la cabeza femoral: un pronóstico no tan ominoso. [Carta al director]. *Form Med Cont Atenc Prim*. 2013;2(20):112-114.
- Verdú J, Ojeda IM, Soler M. Iatrogenia farmacológica en el paciente cardio-renal. A propósito de un caso. [Cas clínic]. *Semergen*. 2013;4(39):226-230.
- Guirado P. Integrando las ecografías clínicas a la Atención Primaria. *Boletín innovación y gestión sanitaria*. 2013;6:7-10.
- Martínez Campos L, Albañil Ballesteros R, de la Flor Bru J, Piñeiro Pérez R, Cervera J, Baquero Artigao F, Alfayate Miguelez S, Moraga Llop F, Cilleruelo Ortega MJ, Calvo Rey C. Documento de consenso sobre etiología, diagnóstico y tratamiento de la sinusitis. [Editorial]. *An Pediatr (Barc)*. 2013;79(5):330.e-1-330.e-12. PMID:23764206. **FI: 0,770**
- Berlanga Fernández S, Vizcaya-Moreno MF, Pérez-Cañaveras RM. Percepción de la transición a la maternidad: estudio fenomenológico en la provincia de Barcelona. *Aten Primaria*. 2013;45(8):409-417. PMID:23790964. **FI: 0,627**
- Evangelista L, Juncadella E, Copetti S, Pareja A, Torradella J, Evangelista A. Utilidad diagnóstica de la ecografía de bolsillo practicada por un médico de familia en una población hipertensa. *Med Clin (Barc)*. 2013;141(1):1-7. PMID:23453921. **FI: 1,385**
- Gené Badia J, Borràs Santos A, Contel Segura JC, Terén CA, González LC, Ramírez EL, Gallo de Puelles P; HC>65 Research Team. Predictors of mortality among elderly dependent home care patients. *BMC Health Serv Res*. 2013 Aug 15;13:316. doi: 10.1186/1472-6963-13-316. PubMed PMID: 23947599; PubMed Central PMCID: PMC3765804. **FI: 1,660**
- Hernández JA, Mas X, Riera MD, Quintanilla R, Gardini K, Torradella J. Prescripción inapropiada de fármacos en personas mayores atendidas en un centro de Atención Primaria según los criterios STOPP-START. *Rev Esp Geriatr Gerontol*. 2013;48(6):265-268. PMID:24094675.
- Lumillo I, Urpí AM. Intervenciones dirigidas por enfermeras para mejorar la adherencia a la medicación crónica. *Enferm Clin*. 2013;23(3):133-134. PMID:23608135.
- Rodríguez-Moreno J, Bonet M, Del Blanco-Barnusell J, Castaño C, Clavaguera T, Mateo-Soria L, Roig-Vilasaca D, Ruiz-Martin JM. Artritis mutilante/resortiva. Estudio de 24 pacientes de una serie de 360 artritis psoriásicas. *Reumatol Clin*. 2013;9(1):38-41. PMID:23245639.

Serra-Sutton V, Allepuz A, Martínez O, Espallargues M; en nombre del Grupo de Trabajo de Evaluación de las Artroplastias en Cataluña. Quality of life-associated factors at one year after total hip and knee replacement: A multicentre study in Catalonia. *Rev Esp Cir Ortop Traumatol*. 2013;57(4):254-262. PMID:23885650.

Oliva X, Micaló T, Pérez S, Jugo B, Solana S, Bernades C, Sanavia M, Delgado C. Virtual referral system between specialized endocrinological care and primary care. *Endocrinol Nutr*. 2013;60(1):4-9.

García-Díaz S, Girabent-Farrés M, Roig-Vilaseca D, Reina D, Cerdà D, González M, Torrente-Segarra V, Fíguls R, Corominas H. [Preference for etanercept pen versus syringe in patients with chronic arthritis. Nurse education workshop]. *Enferm Clin*. 2013 Jul-Aug;23(4):164-9. doi: 10.1016/j.enfcli.2013.06.001. Epub 2013 Aug 1. Spanish. PubMed PMID: 23916813.

Gómez-Vaquero C, Roig-Vilaseca D, Narváez J, Nolla JM. [Reply]. *Med Clin (Barc)*. 2013 Jul 7;141(1):45. doi: 10.1016/j.medcli.2013.01.007. Epub 2013 Mar 13. Spanish. PubMed PMID: 23490484. **FI: 1,385**

Gatell A. XIX Reunió Anual de la SCP. [Comentari]. *Butlletí Soc Catalana Pediatria*. 2013;73(Juliol-Setembre):139.

Torner N, Baricot M, Martínez A, Toledo D, Godoy P, Domínguez A, Physicians' Network Of Catalonia Pidirac TI. Influenza sentinel surveillance network: A public health-primary care collaborative action to assess influenza A(H1N1) pm09 in Catalonia, Spain. *Hum Vaccin Immunother*. 2013;9(3):671-674. PMID:23396181. **FI: 3,136**

Calderón A, Aguilar M, Bastida MT, Vidal R. Programa de garantía externa de la calidad de Microbiología y Serología (2012). *www.seqc.es*. 2013;1(1):256-263. <http://www.contcal.org/qcweb/Documents/90%20Avaluacio%20anual/50%20Programes%202012/140.%20Microbiologia%20y%20Serologia.pdf>

TOTAL FI: 64,896

Research projects

Anàlisi de la intervenció d'infermeria en grups d'ajuda a mares amb nens menors d'un any. Col·legi Oficial d'Infermeria de Barcelona. 5326-II. 2012-2013. IP: Berlanga A.

Efectes de la realització d'infiltracions intraarticulars amb triamcinolona sobre la qualitat de vida i consum de fàrmacs en pacients amb gonartrosi. Fundació d'Atenció Primària (CAMFIC). 2013-2013. IP: Capella A. Inv.Col: Adroer R, Arias OL, Cañadas S, Roderó E.

Avaluació del pilot del Programa d'Atenció i Educació Terapèutica pel Debut de Diabetis Mellitus Tipus 2 en l'Àrea d'Atenció Integral de Salut Barcelona Esquerre (AISBE). Fundació Acadèmia de les Ciències Mèdiques. 2013-2014. IP: Colungo C. Inv.Col: Benet T, Liroz M, Pereira A.

Prizes

1er Premi a la millor Comunicació Oral. XXIV Congrés d'Atenció Primària de la CAMFIC. Estudi del rendiment diagnòstic de l'ecografia de butxaca. Evangelista L, Juncadella E, Copetti S, Pareja A, Torradella J, Evangelista A.

Thesis

Doctorand: Funes J. Diabetes y trabajo. Análisis de la influencia del control de la enfermedad y de las condiciones de trabajo en el absentismo laboral de las personas diabéticas. Barcelona: Facultat de Medicina, Universitat de Barcelona. Data lectura: 20/03/2013.

Peguero E. Procés participatiu per a l'elaboració del Codi Ètic de l'Institut Català de la Salut. Unitat Docent de l'Hospital de Sant Pau: Facultat de Medicina, Universitat Autònoma de Barcelona. 12/06/2013.

USR Tarragona

The Research Support Unit (USR) was created in 1997. Since its inception the unit has evolved by adopting specific areas of investigation and creating research groups accredited by official research bodies.

The Camp de Tarragona USR total impact factor of the past 5 years was 345. Currently, 17 investigation projects are under way, all of them funded in public calls for proposals of the following institutions and programmes: Carlos III Health Institute, VII European Framework Programme for Research, IDIAP Jordi Gol i Gurina, DURSI, CAMFiC and semFYC (see our projects at <http://primaria.icscampdetarragona.cat/www/webap/ca/universitat/recerca.html> and the IDIAP Jordi Gol i Gurina Annual Scientific Report at www.idiapjgol.org).

Our USR aims to provide answers to relevant scientific questions that originate from primary care clinical practice. To this end, we provide a customised service to support all phases of development of a research project, from study design and statistical analysis to manuscript preparation for submission to national and international journals.

What does the USR offers?

Support from the formulation of the research question until the completion of the investigation.

- Bibliographical search.
- Design of research projects.
- Design and creation of databases.
- Research projects management.
- Sample size calculation.
- Design of questionnaires.
- Statistical analysis.
- Applications for funding.
- Supervision of PhD thesis.
- Preparation of scientific communications for meetings.
- Design of Power Point presentations and posters.

COORDINATOR

Basora Gallisà, Josep



RESEARCHERS

Arija Val, Victoria
Cabré Vila, Juan José
Fernández Barrés, Sílvia
Flores Mateo, Gemma
González Lambán, Rosa Beatriz
Jardí Piñana, Cristina
López Muntaner, Judit
Sorlí Aguilar, Mar
Verdú Soriano, José

Articles

Bjerrum L, Cordoba Currea GC, Llor C, Lindbæk M. Lower threshold for rapid antigen detection testing in patients with sore throats would reduce antibiotic use. *BMJ*. 2013 Nov 28;347:f7055. doi: 10.1136/bmj.f7055. PubMed PMID: 24286986. **FI: 14,093**

Christensen SF, Jorgensen LC, Cordoba G, Llor C Siersmav, Bjerrum L. Marked differences in GPs' diagnosis of pneumonia between Denmark and Spain: a cross-sectional study. *Prim Care Respir J*. 2013;22(4):454-458. PMID:24248329.

McQuiston Haslund J, Rosborg Dinesen M, Sternhagen Nielsen AB, Llor C, Bjerrum L. Different recommendations for empiric first-choice antibiotic treatment of uncomplicated urinary tract infections in Europe. *Scand J Prim Health Care*. 2013;31(4):235-240. PMID:24102498. **FI: 2,054**

Little P, Stuart B, Francis N, Douglas E, Tonkin-Crine S, Anthierens S, Cals JW, Melbye H, Santer M, Moore M, Coenen S, Butler C, Hood K, Kelly M, Godycki-Cwirko M, Mierzecki A, Torres A, Llor C, Davies M, Mullee M, O'Reilly G, van der Velden A, Geraghty AW, Goossens H, Verheij T, Yardley L; GRACE consortium. Effects of internet-based training on antibiotic prescribing rates for acute respiratory-tract infections: a multinational, cluster, randomised, factorial, controlled trial. *Lancet*. 2013 Oct 5;382(9899):1175-82. doi: 10.1016/S0140-6736(13)60994-0. Epub 2013 Jul 31. PubMed PMID: 23915885; PubMedCentral PMCID: PMC3807804 **FI: 38,278**

Miravittles M, Moragas A, Hernández S, Bayona C, Llor C. Is it possible to identify exacerbations of mild to moderate COPD that do not require antibiotic treatment?. *Chest*. 2013;144(5):1571-1577. PMID:23807094. **FI: 5,250**

Jorgensen LC, Friis Christensen S, Cordoba Currea G, Llor C, Bjerrum L. Antibiotic prescribing in patients with acute rhinosinusitis is not in agreement with European recommendations. *Scand J Prim Health Care*. 2013;31(2):101-105. PMID:23659709. **FI: 2,054**

Llor C, Cots JM. Dispensing of antibiotics without a medical prescription and communication skills of pharmacists. *Aten Primaria*. 2013;45(9):496-497. PMID:23582271. **FI: 0,627**

Llor C, Hernández S, Cots JM, Bjerrum L, González B, García G, Alcántara Jde D, Guerra G, Cid M, Gómez M, Ortega J, Pérez C, Arranz J, Monedero MJ, Paredes J, Pineda V; Grupo de trabajo Happy Audit España. Physicians with access to point-of-care tests significantly reduce the antibiotic prescription for common cold. *Rev Esp Quimioter*. 2013;26(1):12-20. PMID:23546457. **FI: 0,810**

Llor C, Moragas A. Recruitment difficulties for clinical trials in primary care. When sample size is not reached. *Aten Primaria*. 2013;45(2):71-73. PMID:23142032. **FI: 0,627**

Llor C, Bjerrum L, Munck A, Hansen MP, Córdoba GC, Strandberg EL, Ovhd I, Radzeviciene R, Cots JM, Reutskiy A, Caballero L. Predictors for antibiotic prescribing in patients with exacerbations of COPD in general practice. *Ther Adv Respir Dis*. 2013 Jun;7(3):131-7. doi: 10.1177/1753465812472387. Epub 2013 Jan 16. PubMed PMID: 23325784.

Llor C, Senan MR. Verruga genital. [Article revisió]. *Form Med Cont Atenc Prim*. 2013;20:284-288.

Moragas A, Llor C, Hernández S, Bayona C, Miravittles M. Nivells de proteïna C reactiva en les exacerbacions de la malaltia pulmonar obstructiva crònica. *Butlletí de la Societat Catalana de Medicina Familiar i Comunitària*. 2013;31:01.

TOTAL FI: 63,793

Prizes

Premi al millor pòster. III Jornada d'Atenció Primària al Món Rural. Projecte contes compartits d'ahir i d'avui. Garcia O, Garcia D.

Premi a la millor comunicació. XXXIII Congreso dela SEMFYC. Protocolo de un ensayo clínico sobre la prescripción diferida de antibióticos en las infecciones respiratorias agudas no complicadas en Atención Primaria. De la Poza MA, Canellas Y, Rotaache R, Toran P, Hernández S, Borrell E.

3er Premio a la mejor comunicación. VI Congreso Nacional de Enfermería y Salud Escolar. Modelo conceptual y metafórico de "Taller" para la formación en educación para la salud. Sáez S, Martínez M, Serra Y, Torres C, Arimon E, Alzuria RM.

Thesis

Valdivieso E [Doctorand]. Eficacia de un programa de prevención del consumo de tabaco entre escolares de Enseñanza Secundaria Obligatoria. Tarragona: Departament d'Infermeria, Universitat Rovira i Virgili. 17/12/2013.

USR Terres de l'Ebre

The recently created Research Support Unit of the Terres de l'Ebre Area aims to promote and support research in our somewhat scattered territory, which comprises both rural and urban areas and which includes two family and community medicine teaching units.

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