

Annual Report **2012**



Generalitat de Catalunya
Departament de Salut



**Institut Català
de la Salut**

UAB

Universitat Autònoma
de Barcelona

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Presentation



To achieve maximal effectiveness in the delivery of healthcare services, research has become a crucial instrument for the professionals involved. This is particularly true in the case of primary care, which aims to respond to the more prevalent health problems of the population.

The Catalan Institute of Health (ICS) fosters a network of scientific investigation from its research centres integrated within hospitals and primary care centres. It is in this capacity that the ICS supports and actively participates in the Scientific Committee and the Board of Directors of the IDIAP Jordi Gol.

The IDIAP Jordi Gol was created in 1995 under the auspices of the ICS to promote research and to generate new knowledge and scientific evidence in primary care. Since its inception, the IDIAP has received our full support to further research and the academic progress of the ICS primary care professionals.

Despite current financial constraints, the data presented in the 2012 Report confirm the good moment of primary care biomedical research in Catalonia. Indeed, these results are the basis for the continuing promotion of research in primary care, with a particular emphasis on efficiency and on the establishment of collaborations and research networks which should ultimately result in the improvement of the health of the population.

Joaquim Casanovas Lax

General Manager Catalan Institute of Health

President of the Board

Annual report IDIAP 2012



Research in primary care requires the generation of novel ideas that will help address relevant clinical questions. Indeed, primary care offers a unique framework to conduct research studies by providing access and long-term follow-up of patients. Moreover, primary care is a comprehensive and integrated patient-centred system.

Crucially, research in primary care generates readily translational results. The stress, therefore, must be in the implementation of this new knowledge 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 17 years. Currently, we promote research in primary care from a consolidated network that provides knowledge, ability and excellence to health professionals who aim to conduct research in primary care. The 700 research projects already completed are proof of our commitment.

Despite the financial difficulties of recent times, we are today 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 from 257 in 2011 to 291 in 2012, with a total Impact Factor above 460. We have also consolidated the training offer with 49 research courses designed specifically for those health professionals who plan to conduct research in their areas of expertise.

During 2012 we have coordinated 238 research projects in the national and European arenas. We have also encouraged the collaboration with hospital research to further innovation and implementation and to understand disease from basic science to clinical practice.

Accreditation has been awarded to 26 of our research groups; as of 2012, 28 PhD theses are under way with IDIAP funding.

This year's highlight is undoubtedly the consolidation of the SIDIAP, a joint venture with the Catalan Institute of Health initiated in 2010. Based on primary care medical records, the SIDIAP has access to individual, anonymised data of 6 million people. In 2012, the SIDIAP has undertaken no less than 41 research projects.

The relevance of the SIDIAP cannot be emphasized enough, since it is the first platform of its kind in Spain, where presently no other institution has the capability to develop research projects of this magnitude with stored clinical data. Moreover, the database of the SIDIAP can be linked to laboratory, imaging and pharmaceutical prescription databases.

Despite the difficulties related to the financial downturn, the IDIAP has sustained economic stability during 2012 and we have been able to successfully end the financial year with good results.

To conclude, we look forward to the challenges of the future. We are confident in our vision of growth and consolidation. In this context, 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.

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

To be a bench-mark institution in Primary Health Care research at national and international levels leading first-class research and facilitating the participation of professionals and the diffusion and application of the results in everyday practice.

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 Information System for the Development of Research in Primary Care (SIDIAP) 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.

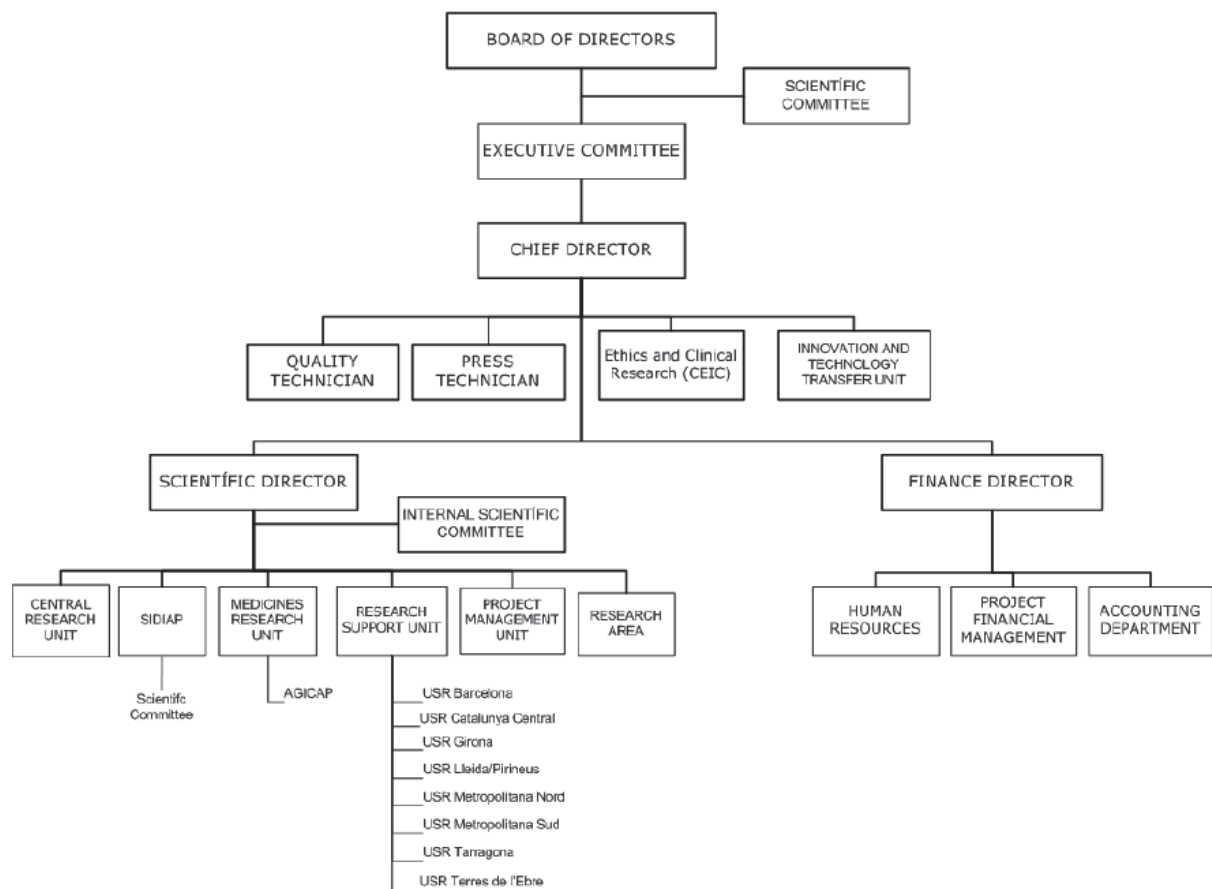
2.5 To increase the number of research partnerships and collaborations

- 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



3.1.1 BOARD OF DIRECTORS

Boi Ruiz i Garcia Honorary President
Isabel Freixa Janáriz Honorary Vicepresident

President:

Joaquim Casanovas Lax Institut Català de la Salut

Carles Constante Beitia	Departament de Salut
Manuel López Béjar	Universitat Autònoma de Barcelona
Montserrat Martínez Morales	Institut Català de la Salut
Josep Basora Gallisa	Institut Català de la Salut
Jaume Benavent Areu	Institut Català de la Salut
Ramon Cunillera Graño	Consorci de Salut i Social de Catalunya
Josep Davins Miralles	Departament de Salut
Carme Esteve Orti	Servei Català de la Salut
Manuel Ferran Mercadé	Institut Català de la Salut
Assumpció González	Departament de Salut
Dolors Forés Mercadé	Societat Catalana de Medicina Familiar i Comunitària
Ricard Pujol Borrell	Institut Català de la Salut
Mercè Salvat Plana	Associació Catalana Infermeria

3.1.2 EXECUTIVE COMMITTEE

President:

Jaume Benavent Areu Institut Català de la Salut

Josep Davins Miralles	Departament de Salut
Manuel López Béjar	Universitat Autònoma de Barcelona
Ricard Pujol Borrell	Institut Català de la Salut
Montserrat Martínez Morales	Institut Català de la Salut

Management:

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
- The professionals of this unit also form part of the Central Clinical Research and Clinical Trials Unit (UCICEC) of the Biomedical Research Network Support Consortium (CAIBER)

Agency for the Management of Clinical Research in Primary Care

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.

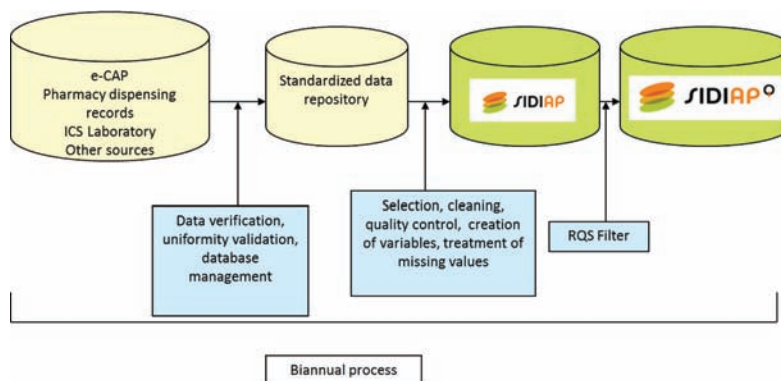
3.4 Information System for the Development of Research in Primary Care

The Information System for the Development of Research in Primary Care (SIDIAP) 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.

3.8 Committees

3.8.1 CARE ETHICS COMMITTEE

The Care Ethics Committee (CEA) of IDIAP Jordi Gol was accredited on 25th September 2003 and its objective is to promote reflection and ethical behaviour in the taking of clinical decisions within Primary Health Care.

It is a consultative committee, plural and multidisciplinary, which is at the service of professional and users in order to assist in the analysis of ethical problems and conflicts arising in Primary Care.

In no case does it take the place of professionals' own decisions or those of institutions, but aims to aid reflection in order that the best decision may be taken within an ethical and consensual framework.

The Committee was created at the joint initiative of IDIAP Jordi Gol and the Catalan Health Institute (ICS) and is open to all providers of Primary Care in Catalonia.

The Ethics Committee of IDIAP Jordi Gol was born out of the desire to be useful to professionals and the institutions they work in, to users of health services and to society as a whole.

Objectives

- To maintain the protection of and respect for the rights and obligations of health service users and professionals.
- To advise, from an ethical point of view, on the taking of clinical, primary health care and organisational decisions.
- To issue guidelines and recommendations in those cases or situations which generate or may generate ethical conflicts.
- To raise awareness of ethical issues and form ethical attitudes within the institution.
- To contribute to improving the quality of health care.



Members CEA

Camps Corrons, M. Antònia
Currubí Casanovas, Margarita
Eroles Busquets, Montse
Peguero Rodríguez, Eva
Prieto, M. Carmen
Roca Burillo, Carles
Rodríguez Rodríguez, Raïa
Sánchez Pérez, Mariola
Vidal Oliveras, Anna
Violan Fors, Concepció
Zamora Mestre, Sílvia

3.8.2 CLINICAL RESEARCH ETHICS COMMITTEE

The Clinical Research Ethics Committee (CEIC) of IDIAP Jordi Gol was created on 14th August 1996.

It comprises a president, a secretary and a multidisciplinary team of twelve members with representatives of different professional fields: GPs, pediatricians, epidemiologists, pharmacologists, pharmacists, nurses, jurists and a patient care professional.

The ambit of the activity of IDIAP Jordi Gol's Clinical Research Ethics Committee includes all the Primary Care centres of the Catalan Health Institute (ICS) and all those centres of other Primary Care providers which have requested this committee's tutelage. All together, the Clinical Research Ethics Committee of IDIAP Jordi Gol reaches 87% of the Primary Care centres in Catalonia.

Its function is to evaluate the methodological, ethical and legal aspects of research projects carried out in Primary Care, as well as to assess their risks and benefits. Evaluation takes into account the following aspects:

Objectives

- The suitability and relevance of the protocol.
- The suitability of the research team.
- The written information addressed to the patient and informed consent.
- The insurance policy and financial compensation (should the occasion arise).
- The follow up to the trial.



Members CEIC

Albaladejo Blanco, Carles
Calero Muñoz, Sebas
Currubí Casanovas, Marga
Franzi Sisó, Alicia
Guerrero Guerrero, Toni
Jimenez Villa, Josep
Jodar Fernandez, Lina
Moreno Nogué, Pau
Morros Pedrós, Rosa
Pujol Ribera, Enriqueta
Rebagliato Nadal, Oriol
Rodríguez Pérez, Eva
Troncoso Mariño, Amelia
Vidal Esteve, Elisa

3.8.3 SCIENTIFIC COMMITTEE

The Scientific Committee provides expert advice to the IDIAP on programme planning and development and participates in the evaluation of the IDIAP's projects and calls for proposals. It also functions as an Investigators Committee for the FIS grants. Dr. Bonaventura Bolívar is the president of this committee.

Scientific Committee Members

Aragonés Benaiges, Enric
Basora Gallisa, Josep
Bolíbar Ribas, Bonaventura
Costa Pinel, Bernardo
Cruz Esteve, Inés
Deniel Rosanas, Joan
Martín Aguilar, Carina
Martín Cantera, Carlos
Muñoz, Miguel Ángel
Orfila Pernas, Francesc
Pujol Ribera, Enriqueta
Ramos Blanes, Rafael
Rodríguez Álvarez, Mar
Simonet Aineto, Pere
Torán Monserrat, Pere

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)*

- Preventative Activities and Health Promotion Research Network (Red de Investigación en Actividades Preventivas y Promoción de la Salud - redIAPP): leadership and co-ordination of the network, in addition to participation in it along with 4 research groups and 8 Clinical Care Groups.
- Spanish Cardiac Insufficiency Research Network (Red de investigación en insuficiencia cardiaca española - REDINSCOR): Participation with a Clinical care Group.
- Prevention with Mediterranean Diet Network (Red de Prevención con Dieta Mediterránea - PREDI-MED): One researcher from IDIAP Jordi Gol participates in a research group.

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

- CIBER for Obesity and Nutrition: Two researchers from IDIAP Jordi Gol participate in a research group.

4.3 *CAIBER. Consortium Network of Online Biomedical Research (Consortios asociados de investigación biomédica en red)*

The UCICAC Clinical Research Group Group of IDIAP Jordi Gol participates in CAIBER promoting clinical trials and independent clinical research.

The objectives of CAIBER are to facilitate, promote, co-ordinate and ensure the realisation in Spain and to play a leading role in the development in Europe of patient-orientated clinical research meeting the highest standards of quality and excellence, carried out in the necessary time and with the necessary resources and of value to society as a whole, the health system, and above all to each individual patient.

The general strategic objectives of CAIBER are the following:

- To foster the development of clinical research and clinical trial programs internally generated and completed within a network, especially those which lack commercial, preventive, diagnosis, therapeutic and services, in the theme areas mentioned in the Strategic Action in Healthcare as the most relevant social and healthcare interest groups.
- To guarantee the maximum excellence, efficiency and efficacy in our internally generated clinical research programs or in the ones that we will be part of.
- To collaborate with other essential agents in the clinical research area, involving commercial ones (pharmaceutical industry) as well as non commercial ones (universities, stable cooperative research groups) in the development and implementation of clinical trials of the highest scientific relevance.
- To promote the creation and/or participation of CAIBER in international clinical research and especially those included in the European Commission Framework of R&D and innovation (ECRIN).
- To speed up the competition in Spain and Europe in the implementation of clinical trials.
- To promote the transfer of results in the clinical research processes to clinical practice.
- To exercise a leading role within the network of clinical research in Europe (ECRIN) and other European bodies or private/public institutions (OECD-GSF, European Science Foundation, IMI) worldwide.

The UCICAC Jordi Gol is one of the 40 Central Units for Clinical Research into Clinical Trials which make up CAIBER. These units are distributed in centres with first-rate research in 16 Autonomous Communities and are coordinated by the CAIBER Central Unit (UCCA), located in CAIBER's headquarters in the Institut de Salut Carlos III.

UCICAC and UCCA provide operative support for the clinical research groups of their respective centres in carrying out co-operative clinical trials, facilitating their research work and undertaking all the tasks that the implementation of a clinical trial requires.

4.3.1 STRUCTURE AND MEMBERS

Rosa Morros, *director and co-ordinator*.

Helena Pera, *clinical trial monitoring*.

Tània Miralles, *financial and administrative management*.

Oleguer Plana, *statistics*.

4.3.2 CLINICAL TRIALS SUPPORT UNIT (USAC)



4.3.3 PROJECTS

1. Effectiveness of anti-inflammatoxy treatment versus antibiotherapy and placebo in patients with acute bronchitis not complicated by purulent expectoration.
2. Effectiveness and tolerance of the external application of potassium hydroxide (10% and 15%) in the treatment of contagious molluscum.
3. Evaluation of the relationship between effervescent paracetamol and arterial pressure.
4. Effectiveness of high doses of oral penicillin versus amoxicillin in the treatment of adults with non-severe pneumonia attended in the community.
5. The timing effectiveness of the aspirin administration in hypertensive patients treated with low-dose aspirin as secondary prevention.
6. Effect of supplementation with vitamin D on the acute bronchitis prevention during the first year of life.

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.

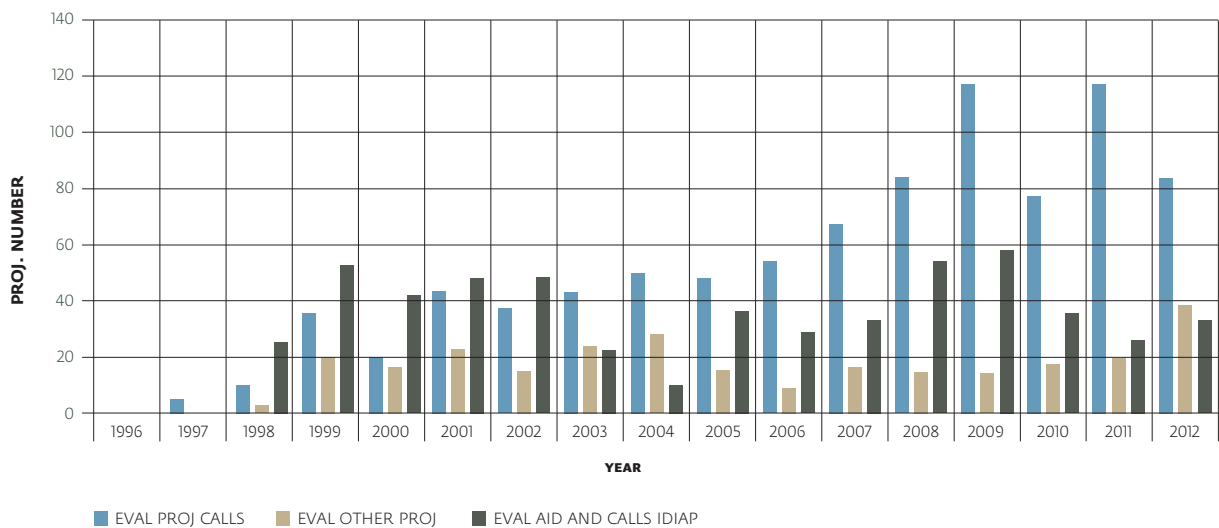
Already, two patents have been filed and two research outputs have been licensed.

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.



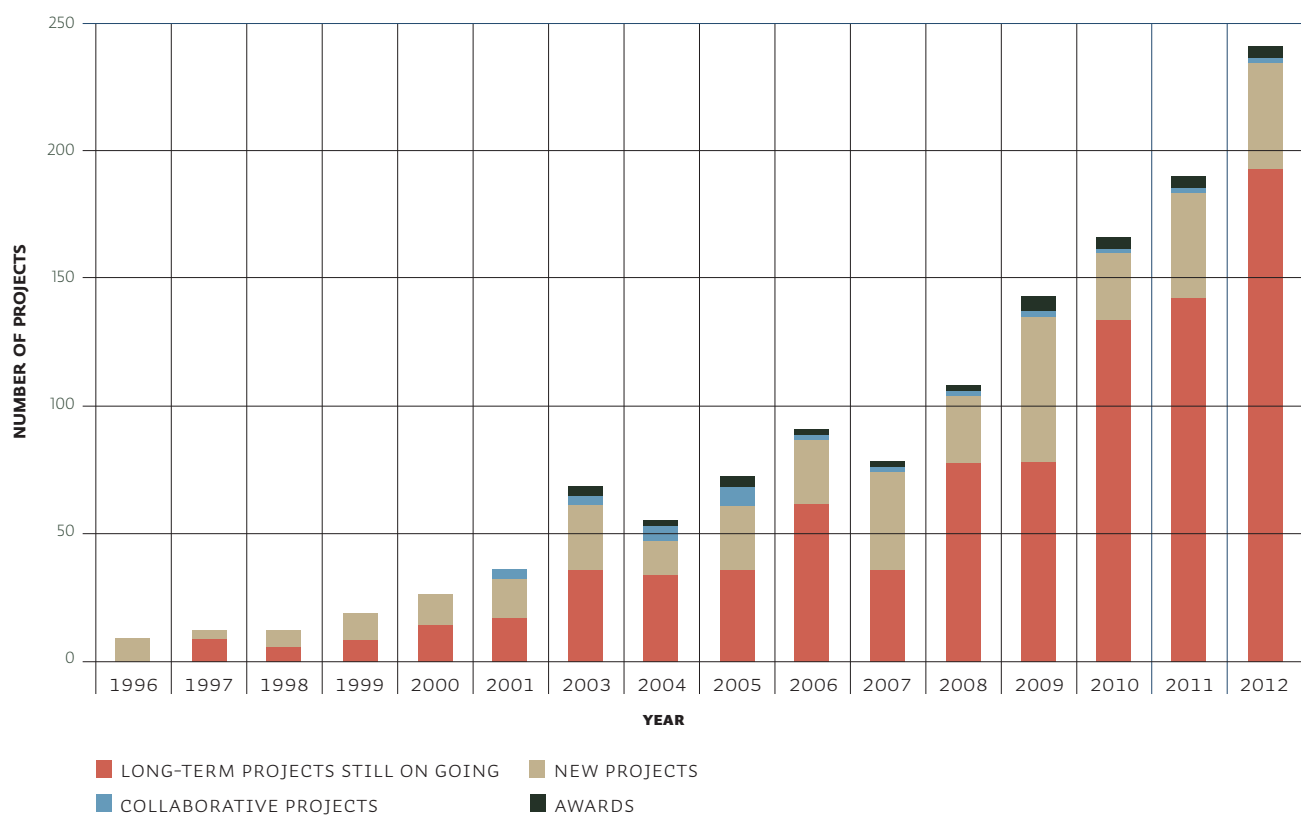
5.1.2 NEW PROJECTS

YEAR 2012

CALL	NUMBER OF PROJECTS PRESENTED	NUMBER OF PROJECTS FINANCED
FIS Carlos III	29	8
Other calls		
- Acadèmia Ciències Mèdiques	3	0
- COIB	3	1
- CAMFiC	6	1
- CAMFiC - Bioibérica	1	1
- Beca Unnim Caixa Manlleu	1	0
- Fundació Agrupació Mútua	1	1
- Fundación Alicia Koplowitz	1	1
- Fundació Mutuam Conviure	1	1
- REAP	8	0
- Premi Regió Sanitària Barcelona	9	1
- La Marató de TV3	1	0
- ESTEVE Innovación en Salud	2	0
- ESTEVE Paciente Crónico	1	1
- SEPAR	2	1
- SOCAP	1	0
- RECERCAIXA	2	0
- FUDEN	1	0
- Beca SENBA de la FESNAD	1	0
- Fundación HERGAR	1	Pending
- FP7-HEALTH-2013 Innovation	5	Pending
- Europe for citizens	1	0
- FP7-HEALTH-2012	1	1

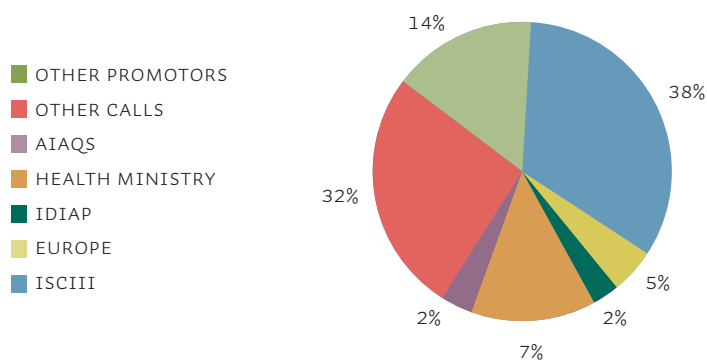
5.1.3 ACTIVE PROJECTS

IDIAP had 238 active projects in 2012, 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.



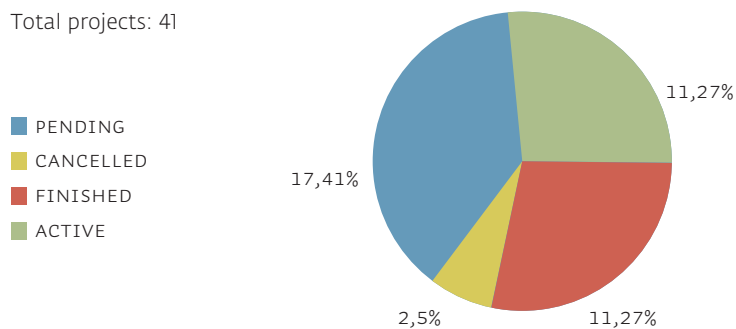
5.1.4 SOURCE OF PROJECT FUNDING

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.



5.1.5 INFORMATION SYSTEM FOR THE DEVELOPMENT OF RESEARCH IN PRIMARY CARE

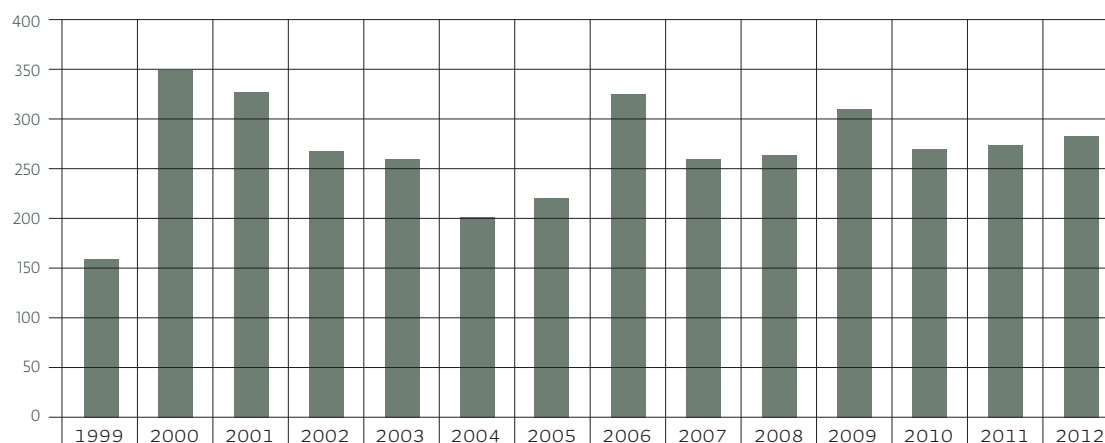
Total projects: 41



5.2 Articles

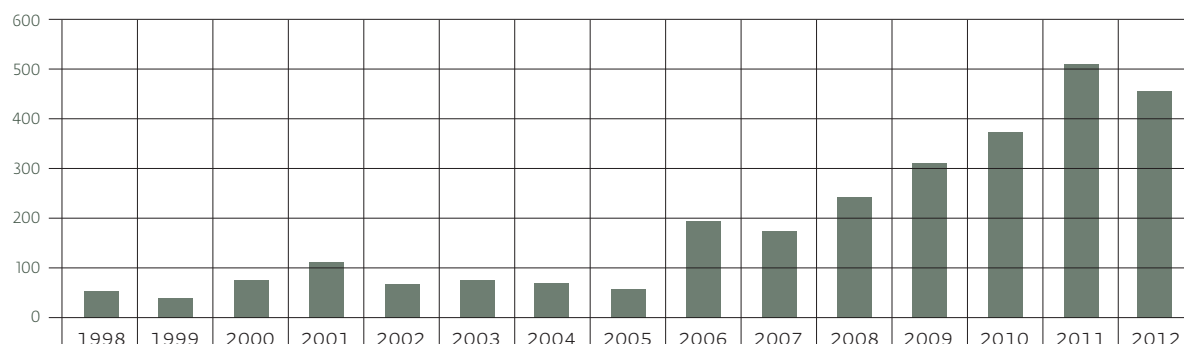
5.2.1 TOTAL ARTICLES EVOLUTION

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



5.2.2. IMPACT FACTOR

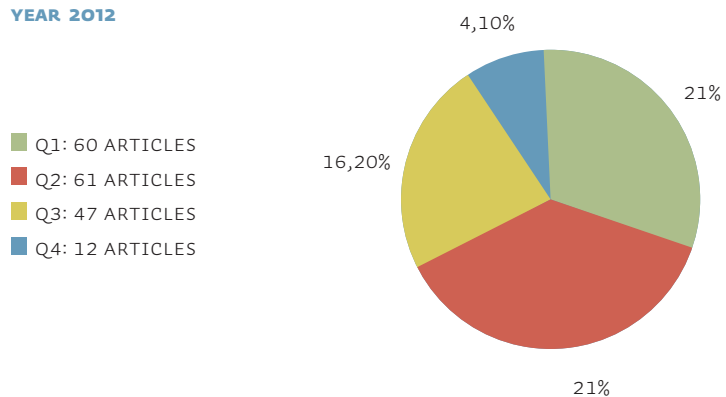
In the last few years, and especially in 2012, there has been an important increase of the accumulated impact factor due to IDIAP Jordi Gol's investigators having published in journals of the higher quality.



5.2.3. QUARTILS

In 2010 Thomson Reuters Web of Science, the platform that is used for assessing the bibliometric impact of research, has introduced 'Primary Health Care' as a subject category in its database, and has brought 14 journals that were previously included under other categories under this heading. The chart below shows the quartile distribution of the articles published by IDIAP Jordi Gol.

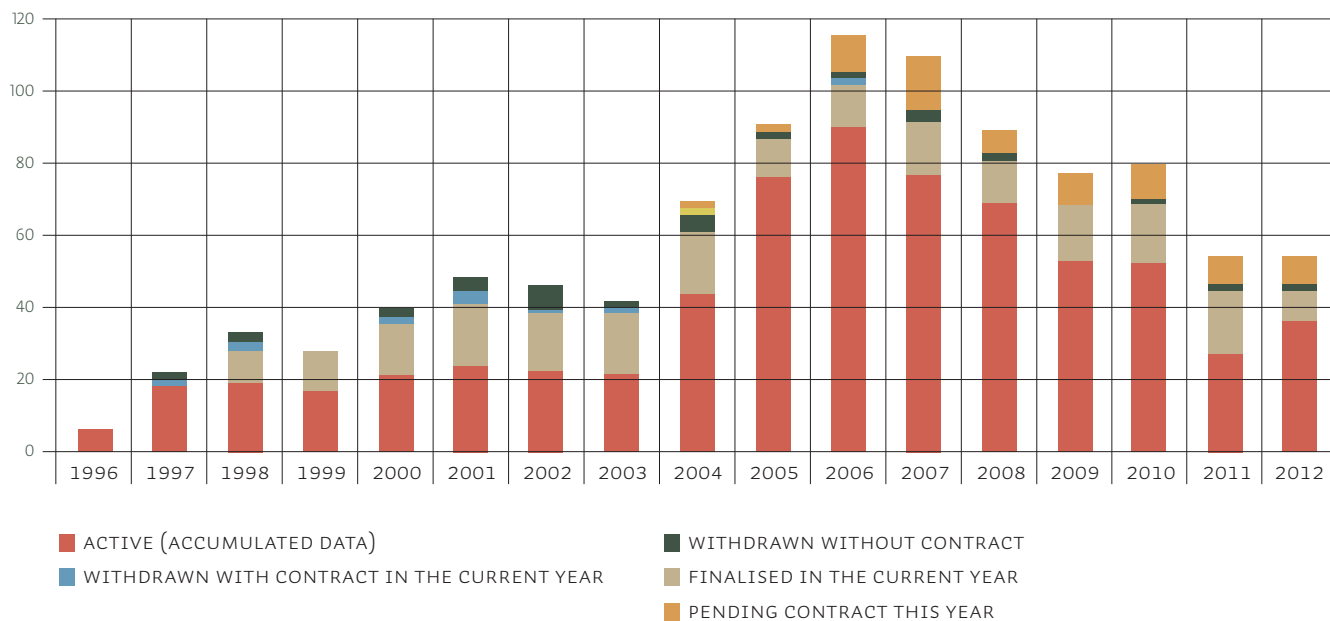
YEAR 2012



5.3 Agency for the Management of Clinical Research in Primary Care

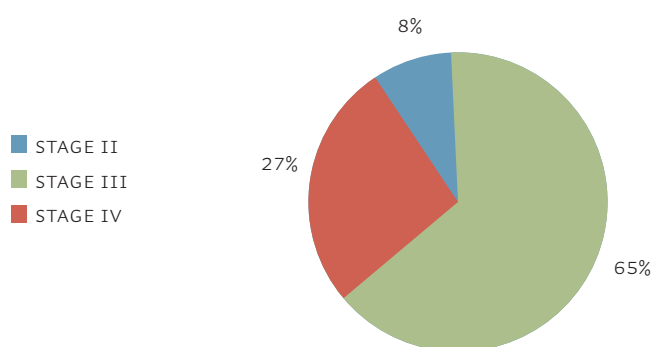
5.3.1. EVOLUTION OF THE AGENCY FOR THE MANAGEMENT OF CLINICAL PRIMARY CARE RESEARCH AGICAP

For the first time in Spain and over the last 15 years, has taken care of the management and promotion of clinical of trials of medicines in Primary care.



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 2012, IDIAP, in conjunction with the Catalan Health Institute (ICS) has offered the following financial assistance:

FOUNDING 2012	
Predoctoral Scholarships – Reduction of Care Time	12
Projects funded	12
Research strategies promotion	4
Stays in IMIM/ASPB Research Unit	1
Stays in Research institutes abroad	4
Translation of articles	7
Emerging and Consolidated research groups	4

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 AGAUR	2008
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 (MRA)	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 Arija	Tarragona-Reus	IDIAP Jordi Gol	2010

GROUP	PI	USR	CERTIFIED BY	START
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
Barcelona Ciutat Diabetes Research Group. Diabetes Barcelona	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. GREC	Miguel Angel Muñoz	Barcelona	IDIAP Jordi Gol	2012

In 2012 there were 26 accredited groups.

6. Training

6.1 IDIAP has done the following courses

TITLE	EDITIONS	PARTICIP. (N)	HOURS	USR
Design of Research Projects	1	24	30	Barcelona
Scientific Writing and Dissemination Workshop	2	20	8	Barcelona
Basic Qualitative Research	1	20	12	Barcelona
Advanced Qualitative Research	1	20	12	Barcelona
Applied Epidemiology: different types of studies and critical appraisal of scientific articles.	1	20	12	Barcelona
Advanced Use of Medline and Bibliometrics	1	20	8	Barcelona
Questionnaires	1	20	4	Barcelona
Statistics Level 1	1	20	8	Barcelona
Literature Search	1	20	3	Barcelona
Research Grant Writing Skills	1	20	4	Metropolitana Sud
How to Create and Present a Poster	1	20	10	Metropolitana Sud
Introduction to Data Analysis with the SPSS Statistical Package	2	25	6	Metropolitana Sud
Introduction to Statistics and Interpretation of Results of a Scientific Article	1	20	4	Metropolitana Sud
Clinical Reasoning Workshop. How to Find Answers to Clinical Conundrums.	1	20	8	Metropolitana Sud
Introduction to the Resources and Tools of WEB 2.0	1	20	4	Metropolitana Sud
Introduction to Research in Primary Care	1	25	25	Metropolitana Nord
Design of Research Projects Workshop	1	12	50	Metropolitana Nord
Literature Search and Evaluation of Evidence	1		4	Metropolitana Nord
Sample Size Calculation Workshop	1	16	12	Metropolitana Nord
Introduction to Stata Statistical Package	1	20	8	Metropolitana Nord
Design and Maintenance of a Database Accessible to our Research Projects	1	20	4	Metropolitana Nord
How to Apply to a Call for Proposals	1	25	5	Metropolitana Nord
Basic Aspects of Statistics to Undertake and Understand Research	1	20	18	Metropolitana Nord
Health technicians and other professionals that are involved in research and analyze research data	1	20	12	Metropolitana Nord
Logistic Regression	1	20	8	Metropolitana Nord
Basic Methodology to Create a Research Project in Nursing	1	20	20	Tarragona
Advanced Methodology to Create a Research Project in Nursing.	1	20	60	Tarragona
Advanced Level Data Analysis in Health Research.	1	20	20	Tarragona
Basic Aspects of Statistics to Undertake and Understand Research	1	20	18	Tarragona
How to Create a Research Project	2	20	15	Tarragona
Design and Creation of Research Databases	1	20	15	Tarragona
Literature Search	1	20	5	Tarragona
How to Design a Research Project. Creating a Study Protocol	1	20	10	Girona
How to Write an Oral Communication, a Research Project (such as FIS) and a Scientific Article	1	20	10	Girona
How to Create a Health Database	1	20	10	Girona
Literature Search. Management of a Virtual Library. Critical Appraisal of Scientific Literature	1	20	10	Girona
Processing Health Data and Statistical Analysis with SPSS	1	20	10	Girona
Posters. Basic course	1	20	8	Lleida
Posters and Oral Communications. Advanced course.	1	20	10	Lleida
Introduction to Research in Primary Care for Family and Community Medicine Residents	1	20	20	Lleida
Data Analysis with SPSS	1	20	20	Lleida
Introduction to Research	1	14	30	Catalunya Central
Scientific Dissemination	1	12	10	Catalunya Central
Introduction to Data Analysis	1	16	20	Catalunya Central
Data Analysis. Advanced level	1	16	20	Catalunya Central
Literature Search	1	16	10	Catalunya Central
Cohort studies. Advanced level	1	25	30	Central Research Unit
Training of Mindfulness Teachers	1	20	70	Central Research Unit
Workshop on Critical Appraisal of Scientific Literature	2	40	40	Central Research Unit

6.2 Researchers in 2012 doing a doctoral thesis with funding from IDIAP Jordi Gol and the ICS

1	Javier Funes Artiaga	Diabetes and work. Impact analysis of diabetes control and of working conditions in absenteeism in the workplace of individuals with diabetes
2	Pere Torán Monserrat	Usefulness of C-reactive protein levels in capillary blood samples for the diagnosis and management of lower respiratory tract infections (LRTI) and community acquired pneumonias (CAP)
3	M ^a Belén Benito Badorrey	Analysis of hydrocarbon metabolism dynamics
4	M. Mar Rodríguez Álvarez	Role of spirometry in primary care in the reduction of smoking
5	Carina Aguilar Martín	Impact on cardiovascular health of the implementation of the clinical management contract in the province of Tarragona
6	M. ^a Betlem Salvador	Prevalence and risk factors of abdominal aorta aneurisms in the general population
7	Isabel Rosich Martí	Impact of drug safety alerts on drug prescription in primary care
8	Eva Peguero	The Catalan Institute of Health Ethical Code: a quali-quantitative study on the opinions, attitudes and practices of primary care professionals
9	Empar Valdivieso	Effectiveness of a school community programme to decrease smoking incidence amongst secondary school students. Impact of smoking on growth
10	Xavier Cos	Risk factors and effectiveness of a lifestyle intervention on individuals at high risk of type 2 diabetes in the DE-PLAN European study
11	Malú de Souza	Clinical applicability of interferon-γ release assays in the diagnosis of tuberculosis
12	Miquel Quesada	Peripheral arterial disease prevalence, risk factors and cardiovascular risk
13	Cristina Rey	A community-based intervention trial of schoolchildren's perception of smoking
14	Ramon Sagarra	Cost-effectiveness analysis of a type 2 diabetes prevention programme in primary care in Catalonia (PREvention of Diabetes and Cost-Effectiveness, PREDICE study)
15	Lourdes Franco	Acculturative stress, social network and depression in immigrants in the Segarra county
16	M. Àngels Pons	Clinical and economic impact of the use of an electronic self-audit in primary care
17	Anna Ruiz	Association between physical activity and peripheral arterial disease. ARTPER cohort population study
18	M. Jesús Megido	Grandchildren's perception of Alzheimer's disease. Contributions from community nurses
19	Carmina Poblet	Intercultural educational intervention to improve the quality of life of adults with obesity or overweight
20	Aitor Alfaro	Validity of phase-contrast microscopy versus urine dipstick and urine sediment analysis in the diagnosis of female urinary tract infection
21	Marta Zwart	Assessment of the Health Related Quality of Life (HRQoL) in a male population with osteoporosis with or without osteoporotic fracture
22	Josep Casajuana	Impact of primary care practitioners' knowledge and attitude in the variability of use of PSA to screen for prostatic cancer in the Barcelona Ciutat area
23	Teresa Badia	Nutritional risk and malnutrition predictive factors in a community cohort of 85 year-old patients
24	Germán López Cortacans	Cost-effectiveness and cost-utility analysis of a programme to improve the management of depression in primary care
25	Carmen Ioana Jarca	Prevalence of silent cardiovascular disease in a population of hypertensive patients in Catalonia
26	Josep M. Pepió	Adequacy of treatment in secondary prevention in the clinical practice guidelines
27	Carolina Guiriguat	Effectiveness of alerts in primary care electronic clinical records to increase participation in the screening programme for colon and rectal cancer
28	Susanna Montesinos	Effectiveness of a brief intervention in patients over 64 years of age with risky alcohol consumption in primary care. Community-based randomized trial

6.3 Researchers who have read their doctoral thesis

Francisco Barrio Torrell	Prevention through lifestyle modification, physical activity and nutrition in primary care patients at risk of type 2 diabetes in Catalonia
Cinta de Diego Cabanes	Influenza immunization and winter mortality in the population over 65 years of age in the Tarragona area
Antoni Caballero	Efficacy of a multicomponent programme for depression in primary care
Ana Moragas Moreno	Acute exacerbations of non-severe COPD that do not require antibiotic treatment
Flora López Simarro	Determinants of metabolic and cardiovascular risk factors control in patients with type 2 diabetes in primary care
Inés Cruz	Use of antidepressants and antipsychotic drugs in the immigrant and native population in the Lleida Health Region. Analysis of inequality in treatment exposure and adherence
Nuria Sierra	Electronic monitoring of antibiotic treatment compliance of upper and lower respiratory tract infections

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	2012
A) Fixed assets	782.627,26 €
I. Intangible assets	431.972,35 €
1. Software	62.677,48 €
2. Usage Rights	369.294,87 €
II. Tangible assets	350.654,91 €
1. Machinery and Facilities	261.993,30 €
2. Furniture and hardware	72.830,12 €
3. Other tangible assets	15.831,49 €
B) Current assets	8.811.457,59 €
I. Inventory	78.982,07 €
II. Accounts Receivable	2.749.689,06 €
1. Other Debtors	2.654.985,40 €
2. Personnel	- €
3. Tax & Government debt	88.693,67 €
IV. Short term financial investments	5.767.460,16 €
1. Securities	5.767.460,16 €
VI. Cash and equivalent liquid assets	213.397,62 €
1. Cash	213.397,62 €
TOTAL (A+B)	9.594.084,85 €

Equity and Liabilities

ASSETS	2012
A) Equity	2.002.822,61 €
A-1). Equity	1.439.974,92 €
I. Founders equity	30.050,61 €
1. Founders equity	30.050,61 €
III. Retained Earnings	1.347.571,85 €
1. Retained Earnings	1.347.571,85 €
V. Net Income (loss) for the year	62.352,46 €
A-2). Grants, donations and other deferred revenue	583.670,50 €
1. Capital Grants	583.671,03 €
C) Non current liabilities	6.748.156,62 €
IV. Accounts Payable	822.282,81 €
1. Other Creditors	552.958,10 €
2. Personnel (accrued compensation)	37.394,78 €
3. Tax and other Curren liabilities to Government	218.899,93 €
TOTAL (A+B+C)	9.594.084,85 €

Income Statement

ASSETS	2012
1) Operating Revenue	4.426.209,26 €
a) Sales of goods and services	1.423.491,36 €
b) Other periodical revenue	370.832,60 €
c) Grants received	2.572.568,05 €
d) Other Grants and donations	75.714,61 €
e) Grants and donations reimbursed	-16.397,36 €
2) Grants Awarded And Othwer Expenses	-55.632,66 €
a) Grants Awarded	-55.632,66 €
3) Purchases	-227.360,65 €
a) Consumption of goods and inventory write down	-127.600,39 €
b) Subcontracting	-99.760,26 €
4) Personnel Expenses	-2.048.872,73 €
5) Other Operating Expenses	-2.087.845,15 €
a) Services	-2.075.005,07 €
A1) Rentals	-3.697,06 €
A2) Maintenance	-33.364,82 €
A3) Professional Fees	-1.439.554,49 €
A4) Insurance premiums	-5.481,83 €
A5) Bank fees	-842,87 €
A6) Supplies	-10.116,53 €
A7) Other services	-581.947,47 €
b) Tributs	-19.853,31 €
c) Other operating accruals	7.013,23 €
6) Depreciation	-199.480,12 €
8) Long term Grants and Donations accrued	115.395,58 €
9) Other results	-7.929,47 €
I. Operating income	-86.057,47 €
10) Financial evenue	148.459,38 €
11) Financial expense	-49,45 €
12) Exchange rate differences	0,00 €
II. Financial income	148.409,93 €
III. Income before taxes	62.352,46 €
IV. Net income	62.352,46 €

9. Research areas

Research area: Cardiovascular

Research group: ARTPER (ARTPER study group)

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

Lines: Peripheral Arteriopathy: prevention and early diagnosis.

GROUP LEADER

Alzamora Sas, M^a Teresa



RESEARCHERS

Baena 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

PI: 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 - 2014

PI: 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 - 2014

PI: Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: Fundació MA-PFRE. Duration: 2012 - 2013

PI: Serrat Sesé, 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 - 2013

PI: 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 - 2013

PI: 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 - 2013

PI: 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 - 2012

PI: 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 - 2012

PI: 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 - 2012

PI: 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 - 2012

PI: Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2012

PI: 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 - 2012

PI: 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 - 2012

Articles

Alzamora MT, Forés R, Torán P, Pera G, Baena JM, López B, Sierra MV, Fabregat A. Prevalencia de calcificación arterial y factores de riesgo cardiovascular asociados. Estudio multicéntrico poblacional ARTPER. [Article original]. Gac Sanit. 2012;26(1):74-77. PMID:22030284. **FI: 1,326**

Caballería L, Pera G, Rodríguez L, Auladell MA, Bernad J, Canut S, Torán P. Metabolic syndrome and non-alcoholic fatty liver disease in a Spanish population. Influence of the diagnostic criteria used. Eur J Gastroenterol Hepatol. 2012;9(24):1007-1011. PMID:22668875. **FI: 1,757**

Caballería L, Rodríguez L, Pera G, Torán P. Abordaje del síndrome metabólico en atención primaria. 7 Dias Médicos. 2012;846:17-23.

Domingo M, Lupón J, González B, Crespo E, López R, Ramos A, Urrutia A, Pera G, Verdú JM, Bayes-Genis A. Evaluation of a telemedicine system for heart failure patients: feasibility, acceptance rate, satisfaction and changes in patient behavior: results from the CARME (Catalan Remote Management Evaluation) study. Eur J Cardiovasc Nurs. 2012 Dec;11(4):410-8. doi: 10.1016/j.ejcnurse.2011.02.003. Epub 2012 Apr 18. PubMed PMID: 21402493.

Fernández-Bergés D, Cabrera de León A, Sanz H, Elosua R, Guembe MJ, Alzamora MT, Vega-Alonso T, Félix-Redondo FJ, Ortiz-Marrón H, Rigo F, Lama C, Gavrila D, Segura-Fragoso A, Lozano L, Marrugat J. Metabolic syndrome in Spain: prevalence and coronary risk associated with harmonized definition and WHO proposal. DARIOS study. Rev Esp Cardiol. 2012;65(3):241-248. PMID:22305818. **FI: 2,530**

López-Cancio E, Dorado L, Millán M, Reverté S, Suñol A, Massuet A, Galán A, Alzamora MT, Pera G, Torán P, Dávalos A, Arenillas JF. The Barcelona-Asymptomatic Intracranial Atherosclerosis (AsIA) study: prevalence and risk factors. *Atherosclerosis*. 2012;221(1):221-225. PMID:22245037. **FI: 3,794**

López-Cancio E, Galán A, Dorado L, Jiménez M, Hernández M, Millán M, Reverté S, Suñol A, Barallat J, Massuet A, Alzamora M, Dávalos A, Arenillas JF. Biological signatures of asymptomatic extra & intracranial atherosclerosis: the Barcelona - ASIA (Asymptomatic Intracranial Atherosclerosis) study. *Stroke*. 2012;43(10):2712-2719. PMID:22798326. **FI: 5,729**

Miralbell J, Soriano JJ, Spulber G, López-Cancio E, Arenillas JF, Bargalló N, Galán A, Barrios MT, Cáceres C, Alzamora MT, Pera G, Kivipelto M, Wahlund LO, Dávalos A, Mataró M. Structural brain changes and cognition in relation to markers of vascular dysfunction. *Neurobiol Aging*. 2012;33(5):1003.e9-1003.e17. PMID:22014619. **FI: 6,189**

Pagès-Castellà A, Carbonell-Abella C, Avilés FF, Alzamora M, Baena-Díez JM, Laguna DM, Nogués X, Díez-Pérez A, Prieto-Alhambra D. "Burden of osteoporotic fractures in primary health care in Catalonia (Spain): a population-based study". *BMC Musculoskelet Disord*. 2012 May 28;13:79. doi: 10.1186/1471-2474-13-79. PubMed PMID: 22639802; PubMed Central PMCID: PMC3489545. **FI: 1,577**

Puig A, Peña O, Romaguera M, Duran E, Heras A, Solà M, Sarmiento M, Cid A. Cómo identificar la inactividad física en atención primaria: validación de las versiones catalana y española de 2 cuestionarios breves. *Aten Primaria*. 2012;44(8):485-493. PMID:22463945. **FI: 0,627**

Ruiz Comellas A, Pera G, Baena Díez JM, Mundet Tudurí X, Alzamora Sas T, Elosua R, Torán Monserrat P, Heras A, Forés Raurell R, Fusté Gamisans M, Fàbrega Camprubí M. [Validation of a Spanish Short Version of the Minnesota Leisure Time Physical Activity Questionnaire (VREM)]. *Rev Esp Salud Publica*. 2012 Oct;86(5):495-508. doi:10.4321/S1135-57272012000500004. Spanish. PubMed PMID:23223762. **FI: 0,706**

Soriano-Raya JJ, Miralbell J, López-Cancio E, Bargalló N, Arenillas JF, Barrios M, Cáceres C, Torán P, Alzamora M, Dávalos A, Mataró M. Deep versus periventricular white matter lesions and cognitive function in a community sample of middle-aged participants. *J Int Neuropsychol Soc*. 2012;18(5):874-885. PMID:22687604. **FI: 2,759**

Funtikova A, Baena-Díez JM, Koebnick C, Gomez SF, Covas MI, Goday A, Schröder H. Validity of a short diet-quality index to predict changes in anthropometric and cardiovascular risk factors: a simulation study. *Eur J Clin Nutr*. 2012 Dec;66(12):1369-71. doi: 10.1038/ejcn.2012.131. Epub 2012 Sep 26. PubMed PMID:23010688. **FI: 2,462**

Félix-Redondo FJ, Baena-Díez JM, Grau M, Tormo MÁ, Fernández-Bergés D. [Prevalence of obesity and cardiovascular risk in the general population of a health area in Extremadura (Spain): the Hermex study]. *Endocrinol Nutr*. 2012 Mar;59(3):160-8. doi: 10.1016/j.endonu.2012.01.005. Epub 2012 Feb 22. Spanish. PubMed PMID: 22361022.

Pérula-de-Torres LÁ, Martínez-Adell MÁ, González-Blanco V, Baena-Díez JM, Martín-Rioboó E, Parras-Rejano JM, González-Lama J, Martín-Alvarez R, Ruiz-Moral R, Fernández-García JÁ, Pérez-Díaz M, Ruiz-de-Castroviejo J, Pérula-de-Torres C, Valero-Martín A, Roldán-Villalobos A, Criado-Larumbe M, Burdoy-Joaquín E, Coma-Solé M, Cervera-León M, Cuixart-Costa L; Collaborative Group DOFA-AP. Opportunistic detection of atrial fibrillation in subjects aged 65 years or older in primary care: a randomised clinical trial of efficacy. DOFA-AP study protocol. *BMC Fam Pract*. 2012 Oct 30;13:106. doi: 10.1186/1471-2296-13-106. PubMed PMID: 23130754; PubMed Central PMCID: PMC3573963. **FI: 1,799**

TOTAL FI : 30,723

Prizes

Premi al Millor Treball de Recerca Científica. XV Jornada Sanitària al Maresme. Estudi dels factors de risc associats a la presència d'esteatosi hepàtica no alcohòlica en atenció primària. Un estudi de casos i controls. Arteaga I, Caballería L, Pera G, Rodríguez L, Auladell MA, Alumà A, Muñoz L, Torán P.

Research area: Cancer

Research group: Cancer REAP: Grup de Recerca en Càncer a l'Atenció Primària)

This group is formed of various professionals and researchers from IDIAP Jordi Gol, from the South Metropolitan Research Support Unit, and from primary health care in the Barcelona and South Metropolitan health districts, and works in collaboration and consultation with the Colorectal Cancer Screening Program of the Catalan Oncology Institute (ICO). It participates in the cancer group of the ISCIII-accredited redIAPP network.

The group's principal objective is to improve the prevention of colorectal pathology by evaluating the rapid diagnosis program of the directive plan, to improve attitudes towards and knowledge of screening both among family doctors and patients, and to evaluate the recommendation of complementary tests in order to improve the cost-benefit ratio. The control of risk factors such as smoking, alcohol, diet, exposure to the sun is of vital importance, as is consultation with a doctor at the first indications, and these are factors which primary health care must take into account.

Lines: Research into screening for colorectal cancer Study of the suitability of requests for colonoscopies: from primary health care to the hospital Rapid diagnosis in the improvement of cancer survival Educational program aimed at professionals and the public to modify public participation in colorectal cancer screening.

GROUP LEADER

Puente Baliarda, Diana



RESEARCHERS

Boada Valmaseda, Albert
Cantero Gómez, Francesc Xavier
Llagostera Español, Maria
Nieto Marina, Raquel
Piñeiro Mendez, Pilar
Saladich Puig, Rosa
Segarra Valls, Manel

Research projects

PI: Segarra Valls, Manel. *Estudi de l'adequació de colonoscòpies: de l'atenció primària a l'hospital.* Funding: Departament de Salut. Duration: 2011 – 2012

PI: Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance.* Funding: European Commission. Duration: 2009 - 2012

Articles

Clemente L, Bartolome C, Rubio E, Martin C, Puente D, Sobradiel N, Grupo de Abordaje del Tabaquismo de la semFYC y responsables autonómicos de la Semana sin Humo 2008. Actitudes de los españoles frente a los espacios libres de humo de tabaco. Aten Primaria. 2012;44:138-144. PMID:21665331. **FI: 0,627**

Docampo E, Ribasés M, Gratacòs M, Bruguera E, Cabezas C, Sánchez-Mora C, Nieva G, Puente D, Argimon-Pallàs JM, Casas M, Rabionet R, Estivill X. Association of Neurexin 3 polymorphisms with nicotine addiction. *Genes Brain Behav.* 2012;11:704-711. PMID:22716474. **FI: 3,476**

Puente D, Cantero FX, Llagostera M, Piñeiro P, Nieto R, Saladich R, Mascort J, Marzo MM, Almeda J, Segarra M, the CANCER-REAP Research Group. A cross-sectional study of the appropriateness of colonoscopy requests in the Spanish region of Catalonia. [Protocol i Aspectes Metodològics]. *BMJ Open.* 2012;6(2). PMID:23204141.

Puente D, Zabaleta E, Pueyo MJ, Saltó E, Marsal JR, Bolívar B. Prevalencia y factores asociados al consumo de tabaco en alumnos de enseñanza secundaria de Cataluña. *Aten Primaria.* 2013 Feb 11. doi:pii: S0212-6567(12)00499-4. 10.1016/j.aprim.2012.12.007. [Epub ahead of print]. PMID: 23411164 [PubMed - as supplied by publisher]. **FI: 0,627**

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.* 2012 Dec 29. doi:pii: S0213-9111(12)00328-7. PMID:23280043. **FI: 1,326**

TOTAL FI : 6,056

Prizes

Premi a la millor experiència de la 2a jornada Pla de salut de Catalunya 2011-2015. Pacient Crònic Complex amb Insuficiència Cardíaca. Piñeiro P, Allepuz A, Jou V, Gabarró L.

Research area: Endocrine

Research group: Diabetes Barcelona

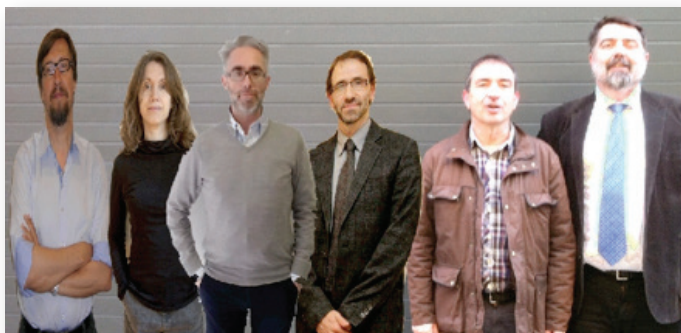
The group is made up of family doctors from the Catalan Health Institute (ICS) with wide experience in the world of diabetes. All of them collaborate with other research groups or scientific societies such as the Spanish Diabetes Society, CAMFiC-SEMFyC, SEMERGEN, or CIBER-DM, and notably in coordination 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

PI: Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: European Commission. Duration: 2011 - 2015

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2013

PI: 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 - 2013

PI: 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 - 2013

PI: 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 - 2012

PI: Morató Grier, 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 - 2012

PI: 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 - 2012

Articles

Alzamora MT, Forés R, Torán P, Pera G, Baena JM, López B, Sierra MV, Fabregat A. Prevalencia de calcificación arterial y factores de riesgo cardiovascular asociados. Estudio multicéntrico poblacional ARTPER. [Article original]. Gac Sanit. 2012;26(1):74-77. PMID:22030284. **FI: 1,326**

Coll-de-Tuero G, Mata-Cases M, Rodríguez-Poncelas A, Pepió JM, Roura P, Benito B, Franch-Nadal J, Saez M. Chronic kidney disease in the type 2 diabetic patients: prevalence and associated variables in a random sample of 2642 patients of a Mediterranean area. BMC Nephrol. 2012 Aug 20;13:87. doi:10.1186/1471-2369-13-87. PubMed PMID: 22905926; PubMed Central PMCID: PMC3537582.

Costa B, Barrio F, Cabré J, Piñol J, Cos F, Bolívar B, Basora J, Castell C, Solà-Morales O, Salas J, Lindström J, Tuomilehto J; DE-PLAN-CAT Research Group. Delaying progression to type 2 diabetes among high-risk Spanish individuals is feasible in real-life primary healthcare settings using intensive lifestyle intervention. Diabetologia. 2012;55(5):1319-28. PMID:22322921. **FI: 6,814**

Marcuello C, Calle-Pascual AL, Fuentes M, Runkle I, Soriguer F, Goday A, Bosch-Comas A, Bordiú E, Carmena R, Casamitjana R, Castaño L, Castell C, Catalá M, Delgado E, Franch J, Gaztambide S, Gírbes J, Gomis R, Gutiérrez G, López-Alba A, Martínez-Larrad MT, Menéndez E, Mora-Peces I, Ortega E, Pascual-Manich G, Rojo-Martínez G, Serrano-Rios M, Valdés S, Vázquez JA, Vendrell J. Evaluation of Health-Related Quality of Life according to Carbohydrate Metabolism Status: A Spanish Population-Based Study (Di@bet.es Study). International Journal of Endocrinology. 2012; doi:10.1155/2012/872305.

Mata JM, Roura P, Berengué MD, Birulés M, Mundet X, Franch J, Benito MB, Cano JF; Diabetes Study Group in Primary Health Care (GEDAPS: Grup d'Estudi de la Diabetis a l'Atenció Primària de Salut, Catalanian Society of Family and Community Medicine). Fifteen years of continuous improvement of quality care of type 2 diabetes mellitus in primary care in Catalonia, Spain. Int J Clin Pract. 2012;66(3):289-298. PMID:22340449. **FI: 2,415**

Mundet X, Cano F, Mata JM, Roura P, Franch J, Birulés M, Gimbert R, Cos FX and GEDAPS group. Trends in chronic complications of type 2 diabetic patients from Spanish primary health care centres (GEDAPS study): Ten year-implementation of St. Vincent recommendations. Prim Care Diabetes. 2012;6:11-8. PMID:21757413.

Pagès-Castellà A, Carbonell-Abella C, Avilés FF, Alzamora M, Baena-Díez JM, Laguna DM, Nogués X, Díez-Pérez A, Prieto-Alhambra D. "Burden of osteoporotic fractures in primary health care in Catalonia (Spain): a population-based study". BMC Musculoskelet Disord. 2012 May 28;13:79. doi: 10.1186/1471-2474-13-79. PubMed PMID: 22639802; PubMed Central PMCID: PMC3489545. **FI: 1,577**

Regidor E, Franch J, Seguí M, Serrano R, Rodríguez-Artalejo F, Artola S. Traditional risk factors alone could not explain the excess mortality in patients with diabetes: a national cohort study of older Spanish adults. Diabetes Care. 2012 Dec;35(12):2503-9. doi: 10.2337/dc11-1615. Epub 2012 Aug 8. PubMed PMID: 22875228; PubMed Central PMCID: PMC3507605. **FI: 5,566**

Ruiz Comellas A, Pera G, Baena Díez JM, Mundet Tudurí X, Alzamora Sas T, Elosua R, Torán Monserrat P, Heras A, Forés Raurell R, Fusté Gamisans M, Fàbrega Camprubí M. [Validation of a Spanish Short Version of the Minnesota Leisure Time Physical Activity Questionnaire (VREM)]. Rev Esp Salud Publica. 2012 Oct;86(5):495-508. doi:10.4321/S1135-57272012000500004. Spanish. PubMed PMID:23223762. **FI: 0,706**

Selva Olid A, Zurro AM, Villa JJ, Hajar AM, Tudurí XM, Puime AO, Dalmau GM, Coello PA; Universidad y Medicina de Familia Research Group (UNIMEDFAM). Medical students' perceptions and attitudes about family practice:

a qualitative research synthesis. BMC Med Educ. 2012 Aug 21;12:81. doi: 10.1186/1472-6920-12-81. PubMed PMID: 22909189; PubMed Central PMCID: PMC3546071.

Vinagre I, Mata J, Hermosilla E, Morros R, Fina F, Rosell M, Castell C, Franch J, Bolívar B, Mauricio D. Control of Glycemia and Cardiovascular Risk Factors in Patients With Type 2 Diabetes in Primary Care in Catalonia (Spain). Diabetes Care. 2012;35(4):774-9. PMID:22344609. **FI: 8,087**

Zurro AM, Villa JJ, Hijar AM, Tuduri XM, Puime AO, Alonso-Coello P; Universidad y Medicina de Familia (UNI-MEDFAM) research group. Medical student attitudes towards family medicine in Spain: a statewide analysis. BMC Fam Pract. 2012 May 29;13:47. doi: 10.1186/1471-2296-13-47. PubMed PMID: 22642617; PubMed Central PMCID: PMC3436784. **FI: 1,799**

Lopez-Peig C, Mundet X, Casabella B, del Val JL, Lacasta D, Diogene E. Analysis of benzodiazepine withdrawal program managed by primary care nurses in Spain. BMC Res Notes. 2012 Dec 13;5:684. doi:10.1186/1756-0500-5-684. PubMed PMID: 23237104; PubMed Central PMCID: PMC3598901

Riba I, Jarca CI, Mundet X, Tovar JL, Orfila F, Nafria C, Raga A, Girona A, Fernández-Lara P, Castañé X, Alvarez Sabin J, Fernández Cortiñas I, Maisterra O, Montaner J, Delgado P. Cognitive assessment protocol design in the ISSYS (Investigating Silent Strokes in hYpertensives: a magnetic resonance imaging Study). J Neurol Sci. 2012 Nov 15;322(1-2):79-81. doi: 10.1016/j.jns.2012.06.015. Epub 2012 Jul 24. PubMed PMID: 22836018. **FI:0,968**

Soriguer F, García-Fuentes E, Gutierrez-Repiso C, Rojo-Martínez G, Velasco I, Goday A, Bosch-Comas A, Bordiú E, Calle 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, Martínez-Larrad MT, Menéndez E, Mora-Peces I, Ortega E, Pascual-Manich G, Serrano-Rios M, Valdés S, Vázquez JA, Vendrell J. Iodine intake in the adult population. Di@bet.es study. Clin Nutr. 2012 Dec;31(6):882-8. doi: 10.1016/j.clnu.2012.04.004. Epub 2012 May 5. PubMed PMID: 22560740. **FI: 3,731**

Márquez-Contreras E, de la Figuera-Von Wichmann M, Franch-Nadal J, Llisterri-Caro JL, Gil-Guillén V, Martín-de Pablos JL, Casado-Martínez JJ, Martell-Claros N. Do Patients With High Vascular Risk Take Antihypertensive Medication Correctly? Cumple-MEMS Study. Rev Esp Cardiol (Engl Ed). 2012 Jun;65(6):544-50. doi: 10.1016/j.recresp.2012.01.018. Epub 2012 Apr 19. PubMed PMID: 22520867. **FI:2,530**

Soriguer F, Goday A, Bosch-Comas A, Bordiú E, 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, Martínez-Larrad MT, Menéndez E, Mora-Peces I, Ortega E, Pascual-Manich G, Rojo-Martínez G, Serrano-Rios M, Valdés S, Vázquez JA, Vendrell J. Prevalence of diabetes mellitus and impaired glucose regulation in Spain: the Di@bet.es Study. Diabetologia. 2012 Jan;55(1):88-93. doi: 10.1007/s00125-011-2336-9. Epub 2011 Oct 11. PubMed PMID: 21987347; PubMed Central PMCID: PMC32289 **FI:6,814**

TOTAL FI : 42,333

Research area: Endocrine

Research group: Diabetes (Reus-Tarragona)

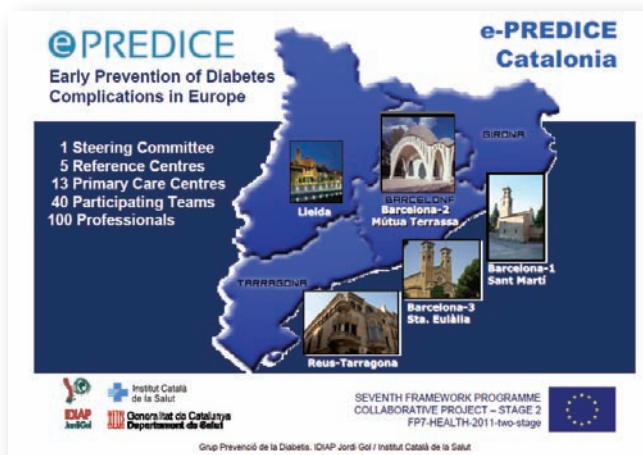
The group is made up of professionals and researchers dedicated to the study of diabetes-related topics. The line of diabetes research of Reus-Tarragona was originated by the primary health care services of Reus-Altebrat and later supported and promoted by the primary health care services of the larger 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

PI: Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe.* Funding: European Commission. Duration: 2011 - 2015

PI: 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 - 2014

PI: 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 - 2012

PI: 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 - 2012

Articles

Arija V, Martín N, Canela TM, Anguera C, Castelaio AI, García M, García A, Lucena C, Martínez T, Fernández S, Pedret MR, Badia W, Basora J. Nutrition education intervention for dependent patients: protocol of a randomized controlled trial. *BMC Public Health*. 2012;12:373. PMID:22625878. **FI: 1,997**

Carratalà-Munuera MC, Orozco-Beltrán D, Gil-Guillen VF, Navarro-Perez J, Quirce F, Merino J, Basora J. Bibliometric analysis of International Scientific production on primary care. *Aten Primaria*. 2012;44(11):651-658. PMID:22296794. **FI: 0,627**

Costa B, Barrio F, Cabré J, Piñol J, Cos F, Bolívar B, Basora J, Castell C, Solà-Morales O, Salas J, Lindström J, Tuomilehto J; DE-PLAN-CAT Research Group. Delaying progression to type 2 diabetes among high-risk Spanish individuals is feasible in real-life primary healthcare settings using intensive lifestyle intervention. *Diabetologia*. 2012;55(5):1319-28. PMID:22322921. **FI: 6,814**

Díaz-López A, Bullo M, Basora J, Martínez Gonzalez MA, Guasch Ferré M, Estruch R, Wärnberg J, Serra-Majem L, Arós F, Lapetra J, Ros E, Pintó X, Covas MI, Salas J. Cross-sectional associations between macronutrient intake and chronic kidney disease in a population at high cardiovascular risk. *Clin Nutr*. 2012;5614(12):228-2-228-2. PMID:23141101. **FI: 3,731**

Díaz-López A, Bulló M, Martínez-González MÁ, Guasch-Ferré M, Ros E, Basora J, Covas MI, del Carmen López-Sabater M, Salas-Salvadó J; PREDIMED (Prevención con Dieta Mediterránea) Reus Study Investigators. Effects of Mediterranean diets on kidney function: a report from the PREDIMED trial. *Am J Kidney Dis*. 2012 Sep;60(3):380-9. doi: 10.1053/j.ajkd.2012.02.334. Epub 2012 Apr 27. PubMed PMID: 22541738. **FI: 5,434**

Guasch-Ferré M, Bulló M, Costa B, Martínez-Gonzalez MÁ, Ibarrola-Jurado N, Estruch R, Barrio F, Salas-Salvadó J; PREDI-PLAN Investigators. A risk score to predict type 2 diabetes mellitus in an elderly Spanish Mediterranean population at high cardiovascular risk. *PLoS One*. 2012;7(3):e33437. doi:10.1371/journal.pone.0033437. Epub 2012 Mar 19. PubMed PMID: 22442692; PubMed Central PMCID: PMC3307727. **FI: 4,092**

TOTAL FI : 22,695

Prizes

1r Premi del XXXII Congreso de la SEMFYC 2012. Prevenir la diabetis mediante una intervención intensiva sobre el estilo de vida en atención primaria es factible y una estrategia efectiva. Barrio F, Costa B, Sagarra R, Cot M, Caula J, Pujol F.

Research area: Infectious diseases

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

The EPIVAC group was formed within the primary health care services of Tarragona-Valls and comprises a 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

PI: 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 - 2012

Articles

Rodríguez-Blanco T, Vila A, de Diego C, Ochoa O, Valdivieso E, Bobé F, Morro A, Hernández N, Martín A, Calamote F, Clotas L, Herreros I, Saun N. Relationship between annual influenza vaccination and winter mortality in diabetic people over 65 years. *Hum Vaccin.* 2012;8:363-370. PMID:22327503. **FI: 1,940**

Satué EM, de Diego C, Rull B, García O. Lumbalgia aguda con imagen "en suelta de globos" en la radiografía simple de tórax". *Semergen.* 2012;38(4):251-254.

Vila Córcoles A, Ochoa Gondar O, Gutiérrez Pérez A, de Diego Cabanes C, Vila Rovira A, González Lamban B. [Evolution of the antipneumococcal vaccination coverage among children in the region of Tarragona, Spain, 2002-2011]. *Rev Esp Salud Publica.* 2012 Dec;86(6):637-43. doi: 10.4321/S1135-57272012000600009. Spanish. PubMed PMID: 23325138. **FI: 0,706**

Vila-Corcoles A, Ochoa-Gondar O, Rodriguez-Blanco T, Gutierrez-Perez A, Vila-Rovira A, Gomez F, Raga X, de Diego C, Satue E, Salsench E; EPIVAC Study Group. Clinical effectiveness of pneumococcal vaccination against acute myocardial infarction and stroke in people over 60 years: the CAPAMIS study, one-year follow-up. BMC Public Health. 2012;22(12):222-229. PMID:22436146. **FI: 1,997**

Vila-Corcoles A, Ochoa-Gondar O, Rodriguez-Blanco T, Gutierrez-Perez A, Vila-Rovira A; EPIVAC Study Group. Clinical effectiveness of 23-valent pneumococcal polysaccharide vaccine against pneumonia in patients with chronic pulmonary diseases: a matched case-control study. Hum Vaccin Immunother. 2012 May;8(5):639-44. doi: 10.4161/hv.19466. Epub 2012 May 1. PubMed PMID: 22634442. **FI: 1,940**

TOTAL FI : 6,583

Research area: Respiratory

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

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

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

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

GROUP LEADER

Martin Lujan, Francisco



RESEARCHERS

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 Montalbán, Nuria

Research Projects

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2012

Articles

Anthierens S, Tonkin-Crine S, Douglas E, Fernandez-Vandellos P, Krawczyk J, Llor C, Cals JW, Francis NA, Yardley L, Coenen S, Verheij T, Goossens H, Little P; GRACE INTRO study team. General practitioners' views on the acceptability and applicability of a web-based intervention to reduce antibiotic prescribing for acute cough in multiple European countries: a qualitative study prior to a randomised trial. *BMC Fam Pract*. 2012 Oct 11;13:101. doi: 10.1186/1471-2296-13-101. PubMed PMID: 23110756; PubMed Central PMCID: PMC3533906. **FI: 1,799**

Arija V, Martín N, Canela TM, Anguera C, Castela AI, García M, García A, Lucena C, Martínez T, Fernández S, Pedret MR, Badía W, Basora J. Nutrition education intervention for dependent patients: protocol of a randomized controlled trial. *BMC Public Health*. 2012;12:373. PMID:22625878. **FI: 1,997**

Llor C, Aspiroz C, Cano A, Barranco M. The use amoxicillin and clavulanic acid and quinolones as first choice antibiotics in uncomplicated urinary tract infections in Spain should be reviewed. *Aten Primaria*. 2012;44(7):443-444. PMID:22265580. **FI: 0,627**

Llor C, Bayona C, Hernández S, Moragas A, Miravittles M. Comparison of adherence between twice- and thrice-daily regimens of oral amoxicillin/clavulanic acid. *Respirology*. 2012;17(4):687-692. PMID:22390206. **FI: 2,416**

Llor C, Bayona C. Paciente febril sin foco. [Article revisió]. *Form Med Cont Atenc Prim*. 2012;19:529-533. Llor C, Bjerrum L, Arranz J, García G, Cots JM, González López-Valcárcel B, Monedero MJ, Gómez M, Ortega J, Guerra G, Cid M, Paredes J, Pineda V, Pérez C, Alcántara Jde D, Hernández S. C-reactive protein testing in patients with acuterhinosinusitis leads to a reduction in antibiotic use. *Fam Pract*. 2012 Dec;29(6):653-8. doi: 10.1093/fampra/cms026. Epub 2012 Mar 23. PubMed PMID: 22447979.

Llor C, Bjerrum L. Ser médico de familia en Dinamarca. [Article revisió]. *AMF-Actualización en Medicina de Familia*. 2012;8:519-521.

Llor C, Cots JM, López Varcárcel BG, Arranz J, García G, Ortega J, Gómez M, Guerra Monedero MJ, Alcántara JD, Paredes J, Hernández S, Cid M, Pérez C, Pineda V. Interventions to reduce antibiotic prescription for lower respiratory tract infections. *Happy Audit study*. *Eur Respir J*. 2012;40((2)):436-441. PMID:22183489. **FI: 5,895**

Llor C, Hernandez M, Hernández S, Martínez T, Gómez FF. Validity of a point-of-care based on heterophile antibody detection for the diagnosis of infectious mononucleosis in primary care. *Eur J Gen Pract*. 2012;18(1):15-21. PMID:22248336.

Llor C, Hernández S, Bayona C, Moragas A, Sierra N, Hernandez M, Miravittles M. A study of adherence to antibiotic treatment in ambulatory respiratory infections. *Int J Infect Dis*. 2012;S1201-9712(12):01265-01269. PMID:23116609. **FI: 1,938**

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Llor C, Yuguero O. ¿Cuándo y cómo solicitar una serología del virus de inmunodeficiencia humana? [Article revisió]. *Form Med Cont Atenc Prim*. 2012;19:224-226.

Miravittles M, Llor C, Calbo E, Diaz S, Diaz-Cuervo H, Gonzalez-Rojas N. Validación de una versión traducida del Chronic Obstructive Pulmonary Disease-Population Screener (COPD-PS). Su utilidad y la del FEV1/FEV6 para el diagnóstico de enfermedad pulmonar obstructiva crónica. *Med Clin (Barc)*. 2012;139:522-530. PMID:22015009. **FI: 1,385**

Moragas A, Llor C, Gabarrús A, Miravittles M. Reliability of a self-administered diary of symptoms for assessing the evolution of acute bronchitis. *Arch Bronconeumol*. 2012 Jul;48(7):261-2. doi: 10.1016/j.arbres.2012.02.006. Epub 2012 Apr 6. English, Spanish. PubMed PMID:22483763.

TOTAL FI : 31,055

Prizes

1r Premi del XXXII Congreso de la SEMFYC 2012. Prevenir la diabetes mediante una intervención intensiva sobre el estilo de vida en atención primaria es factible y una estrategia efectiva. Barrio F, Costa B, Sagarra R, Cot M, Caula J, Pujol F.

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

Blanco García, M. Elena
Fernández Sánchez, Ana
Fernández Vergel, Rita
Jiménez Cot, Mònica
Luciano Devis, Juan Vicente
Pinto-Meza, Alejandra
Rubio Valera, Maria
Serrano Blanco, Antoni
Torres Rodriguez, Annabell Cristina
Verduras Rubio, M^a del Camino

Research Projects

PI: 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 - 2014

PI: Serrano Blanco, Antoni. *A Computational Distributed System to Support the Treatment of Patients with Major Depression.* Funding: European Commission. Duration: 2011 - 2013

PI: 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 - 2013

PI: 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 - 2012

Articles

- Bernardo M, Coma A, Ibañez C, Zara C, Bari JM, Serrano-Blanco A. Antipsychotic polypharmacy in a regional health service. A population-based study. [Article original]. BMC Psychiatry. 2012 May 15;12(1):42. PMID:22587453. **FI: 2,552**
- Burton C, McKinstry B, Szentagotai Tatar A, Serrano-Blanco A, Pagliari C, Wolters M. Activity monitoring in patients with depression: A systematic review. J Affect Disord. 2013 Feb 15;145(1):21-8. doi: 10.1016/j.jad.2012.07.001. Epub 2012 Aug 4. PubMed PMID: 22868056. **FI: 3,517**
- Chaves KM, Serrano-Blanco A, Ribeiro SB, Soares LA, Guerra GC, do Socorro Costa Feitosa Alves M, de Araújo Júnior RF, de Paula Soares Rachetti V, Filgueira Júnior A, de Araújo AA. Quality of life and adverse effects of olanzapine versus risperidone therapy in patients with schizophrenia. Psychiatr Q. 2013 Mar;84(1):125-35. doi: 10.1007/s1126-012-9233-3. PubMed PMID: 22806578. **FI: 1,263**
- 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**
- Fayed N, Andres E, Rojas G, Moreno S, Serrano-Blanco A, Roca M, Garcia-Campayo J. Brain dysfunction in fibromyalgia and somatization disorder using proton magnetic resonance spectroscopy: a controlled study. Acta Psychiatr Scand. 2012 Aug;126(2):115-25. doi: 10.1111/j.1600-0447.2011.01820.x. Epub 2011 Dec 30. PubMed PMID: 22211322. **FI: 4,220**
- Fernández A, Mendive JM, Salvador L, Rubio M, Luciano JV, Pinto-Meza A, Haro JM, Palao D, Bellon JA, Serrano A. Adjustment disorders in primary care: prevalence, recognition, and use of services. Br J Psychiatry. 2012;201:137-142. PMID:22576725. **FI: 6,619**
- Fernández A, Rubio M, Pinto-Meza A, Luciano J, Bellon J, Mendive J, Haro J, Palao D, Serrano-Blanco A. Recognition of Anxiety Disorders by the Primary Care Physician. Gen Hosp Psychiatry. 2012;34(3):227-233. PMID:22341732. **FI: 2,744**
- Pagliari C, Burton C, McKinstry B, Szentagotai A, David D, Serrano Blanco A, Ferrini L, Albertini S, Castro JC, Estevez S, Wolters M. Psychosocial implications of avatar use in supporting therapy for depression. Stud Health Technol Inform. 2012;181:329-33. PubMed PMID: 22954882.
- Rodero B, Luciano JV, Montero-Marín J, Casanueva B, Palacin JC, Gili M, López del Hoyo Y, Serrano-Blanco A, García-Campayo J. Perceived injustice in fibromyalgia: psychometric characteristics of the Injustice Experience Questionnaire and relationship with pain catastrophising and pain acceptance. J Psychosom Res. 2012 Aug;73(2):86-91. doi: 10.1016/j.jpsychores.2012.05.011. Epub 2012 Jun 20. PubMed PMID: 22789409. **FI: 3,296**
- Rubio M, Jové AM, Hughes CM, Guillén M, Rovira M, Fernández A. Barriers and facilitators for collaboration between general practitioners and community pharmacists: a qualitative study. BMC Health Serv Res. 2012;12:188. PMID:22769570. **FI: 1,660**
- Rubio-Valera M, Fernández A, Luciano JV, Hughes CM, Pinto-Meza A, Moreno-Küstner B, Palao DJ, Haro JM, Serrano-Blanco A. Psychotropic prescribing in Catalonia: results from an epidemiological study. Fam Pract. 2012 Apr;29(2):154-62. Epub 2011 Sep 15. PubMed PMID: 21926053. **FI: 1,503**
- Rubio-Valera M, March Pujol M, Fernández A, Peñarrubia-María MT, Travé P, López Del Hoyo Y, Serrano-Blanco A. Evaluation of a pharmacist intervention on patients initiating pharmacological treatment for depression: A randomized controlled superiority trial. Eur Neuropsychopharmacol. 2012 Dec 6. doi:pii:S0924-977X(12)00318-5. 10.1016/j.euroneuro.2012.11.006. [Epub ahead of print] PubMed PMID: 23219937. **FI: 4,046**

TOTAL FI: 33,720

Prizes

- Premi a la millor Comunicació-Pòster. VII Congrés de Salut Mental i Atenció Primària. Lleida. ¿Qué agente virtual aceptarían los pacientes para que les diese consejos si sufriesen una depresión?. Espin A, Serrano A, Rubio M.
- Premio a la mejor comunicación oral. VIII Jornades de Recerca del Parc Sanitari Sant Joan de Déu. Efectividad a los 12 meses de seguimiento de una intervención psico-educativa para mejorar el estado funcional en fibromialgia. Luciano JV, Cardeñosa E, Peñarrubia MT, Fernández R, García J, Knapp M, Serrano A.

Research area: Cardiovascular

Research group: GREC (Cardiovascular Research Group)

The CVRG is 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

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2013

PI: 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 - 2013

PI: 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 - 2013

PI: 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 - 2012

PI: 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 - 2012

PI: 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 - 2012

Articles

Cecilia M, Martin X, Vinyoles E. Varón con enfermedad renal crónica. ¿Normotenso?. [Article Original]. *Form Med Cont Atenc Prim*. 2012;19:16-19.

Domingo M, Lupón J, González B, Crespo E, López R, Ramos A, Urrutia A, Pera G, Verdú JM, Bayes-Genis A. Evaluation of a telemedicine system for heart failure patients: feasibility, acceptance rate, satisfaction and changes in patient behavior: results from the CARME (Catalan Remote Management Evaluation) study. *Eur J Cardiovasc Nurs*. 2012 Dec;11(4):410-8. doi: 10.1016/j.ejcnurse.2011.02.003. Epub 2012 Apr 18. PubMed PMID: 21402493.

Domingo M, Mena A, Lupón J. Los principales problemas de salud. Insuficiencia cardíaca. *AMF-Actualización en Medicina de Familia*. 2012;8(1):4-16.

Domingo MM, Bayés-Genis A, Lupón J, Mena A, Verdú JM. Utilidad de los péptidos natriuréticos en el diagnóstico de insuficiencia cardíaca en atención primaria. *Roche Diagnostics Informa*. 2012;Octubre:53-57.

Guasch-Ferré M, Bulló M, Martínez-González MÁ, Corella D, Estruch R, Covas MI, Arós F, Wärnberg J, Fiol M, Lapetra J, Muñoz MÁ, Serra-Majem L, Pintó X, Babio N, Díaz-López A, Salas-Salvadó J. Waist-to-height ratio and cardiovascular risk factors in elderly individuals at high cardiovascular risk. *PLoS One*. 2012;7(8):e43275. doi: 10.1371/journal.pone.0043275. Epub 2012 Aug 14. PubMed PMID: 22905246; PubMed Central PMCID: PMC3419167. **FI: 4,092**

Martínez-González MA, García-Arellano A, Toledo E, Salas-Salvadó J, Buil-Cosiales P, Corella D, Covas MI, Schröder H, Arós F, Gómez-Gracia E, Fiol M, Ruiz-Gutiérrez V, Lapetra J, Lamuela-Raventós RM, Serra-Majem L, Pintó X, Muñoz MA, Wärnberg J, Ros E, Estruch R; PREDIMED Study Investigators. A 14-item Mediterranean diet assessment tool and obesity indexes among high-risk subjects: the PREDIMED trial. *PLoS One*. 2012;7(8):e43134. Epub 2012 Aug 14. PubMed PMID: 22905215; PubMed Central PMCID: PMC3419206. **FI: 4,092**

Mata JM, Roura P, Berengué MD, Birulés M, Mundet X, Franch J, Benito MB, Cano JF; Diabetes Study Group in Primary Health Care (GEDAPS: Grup d'Estudi de la Diabetis a l'Atenció Primària de Salut, Catalanian Society of Family and Community Medicine). Fifteen years of continuous improvement of quality care of type 2 diabetes mellitus in primary care in Catalonia, Spain. *Int J Clin Pract*. 2012;66(3):289-298. PMID:22340449. **FI: 2,415**

Mundet X, Cano F, Mata JM, Roura P, Franch J, Birulés M, Gimbert R, Cos FX and GEDAPS group. Trends in chronic complications of type 2 diabetic patients from Spanish primary health care centres (GEDAPS study): Ten year-implementation of St. Vincent recommendations. *Prim Care Diabetes*. 2012;6:11-8. PMID:21757413.

Muñoz MA, Pastor E, Pujol J, Del Val JL, Cordero S, Hermosilla E. Primary health care utilization by immigrants as compared to the native population: a multilevel analysis of a large clinical database in Catalonia. *Eur J Gen Pract*. 2012 Jun;18(2):100-6. Epub 2012 May 10. PubMed PMID: 22574692.

Muñoz MA. Research Group from the European General Practice Research Network (EGPRN) Explores the Concept of Multimorbidity for Further Research into Long-Term Care. *J Am Med Dir Assoc*. 2012;14:132-133. PMID:22959729. **FI: 4,645**

Ortega-Azorín C, Sorlí JV, Asensio EM, Coltell O, Martínez-González MÁ, Salas-Salvadó J, Covas MI, Arós F, Lapetra J, Serra-Majem L, Gómez-Gracia E, Fiol M, Sáez-Tormo G, Pintó X, Muñoz MA, Ros E, Ordovás JM, Estruch R, Corella D. Associations of the FTO rs9939609 and the MC4R rs17782313 polymorphisms with type 2 diabetes are modulated by diet, being higher when adherence to the Mediterranean diet pattern is low. *Cardiovasc Diabetol*. 2012 Nov 6;11:137. doi:10.1186/1475-2840-11-137. PubMed PMID: 23130628; PubMed Central PMCID:PMC3495759. **FI: 3,346**

Ramos R, Balló E, Marrugat J, Elosua R, Sala J, Grau M, Vila J, Bolívar B, García-Gil M, Martí R, Fina F, Hermosilla E, Rosell M, Muñoz MA, Prieto-Alhambra D, Quesada M. Validity for use in research on vascular diseases of the SIDIAP (Information System for the Development of Research in Primary Care): the EMMA study. *Rev Esp Cardiol*. 2012 Jan;65(1):29-37. Epub 2011 Oct 27. PubMed PMID: 22036238. **FI: 2,530**

Ruiz Comellas A, Pera G, Baena Díez JM, Mundet Tudurí X, Alzamora Sas T, Elosua R, Torán Monserrat P, Heras A, Forés Raurell R, Fusté Gamisans M, Fàbrega Camprubí M. [Validation of a Spanish Short Version of the Minnesota Leisure Time Physical Activity Questionnaire (VREM)]. *Rev Esp Salud Publica*. 2012 Oct;86(5):495-508. doi:10.4321/S1135-57272012000500004. Spanish. PubMed PMID:23223762. **FI: 0,706**

Selva Olid A, Zurro AM, Villa JJ, Hajar AM, Tuduri XM, Puime AO, Dalmau GM, Coello PA; Universidad y Medicina de Familia Research Group (UNIMEDFAM). Medical students' perceptions and attitudes about family practice: a qualitative research synthesis. *BMC Med Educ*. 2012 Aug 21;12:81. doi: 10.1186/1472-6920-12-81. PubMed PMID: 22909189; PubMed Central PMCID: PMC3546071.

Verdú JM, Comín-Colet J, Domingo M, Lupón J, Gómez M, Molina L, Casacuberta JM, Muñoz MA, Mena A, Bruguera-Cortada J. Rapid point-of-care NT-proBNP optimal cut-off point for heart failure diagnosis in primary care. *Rev Esp Cardiol (Engl Ed)*. 2012 Jul;65(7):613-9. doi: 10.1016/j.recesp.2012.01.019. Epub 2012 Apr 26. English, Spanish. PubMed PMID: 22541282. **FI: 2,530**

Verdú JM, Domingo M, Diaz A. ¿Cómo se interpretan los péptidos natriuréticos en atención primaria?. [Article Original]. *Form Med Cont Atenc Prim*. 2012;19(5):282-284.

Vinyoles E, Rodriguez-Blanco T, de la Figuera M, Colomé JM, Tafalla M, Calbet N, Fernández-San Martín MI, García-Alonso J, Murillo C, Agudo J. Variability and concordance of Cornell and Sokolow-Lyon electrocardiographic criteria in hypertensive patients. *Blood Press*. 2012 Dec;21(6):352-9. doi:10.3109/08037051.2012.686180. Epub 2012 May 16. PubMed PMID: 22587668. **FI: 1,426**

Vinyoles E, Vinyoles E. Ingesta de ácidos grasos trans y riesgo de enfermedad coronaria. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:109-110.

Vinyoles E. Asociación entre las horas de sueño y la presión arterial. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:25-26.

Vinyoles E. Consumo de azúcar e hipertensión. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:26-27.

Vinyoles E. Consumo de chocolate y eventos cardiovasculares, diabetes o síndrome metabólico. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:52-53.

Vinyoles E. Control de presión arterial nocturna y riesgo de eventos cardiovasculares. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:110-111.

Vinyoles E. Electrocardiograma y detección de hipertrofia ventricular izquierda. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:53-53.

Vinyoles E. Hematocrito y riesgo de mortalidad en el hipertenso. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:161-161.

Vinyoles E. Inversión de la onda T del electrocardiograma y disfunción diastólica. [Article Original]. *Hipertensión y Riesgo Vascular*. 2012;29:162-162.

Vinyoles E. Validez de los esfigmomanómetros automáticos. [Article Original]. *Form Med Cont Atenc Prim*. 2012;19:489-491.

Zurro AM, Villa JJ, Hajar AM, Tuduri XM, Puime AO, Alonso-Coello P; Universidad y Medicina de Familia (UNIMEDFAM) research group. Medical student attitudes towards family medicine in Spain: a statewide analysis. *BMC Fam Pract*. 2012 May 29;13:47. doi: 10.1186/1471-2296-13-47. PubMed PMID: 22642617; PubMed Central PMCID: PMC3436784. **FI: 1,799**

Campo Osaba MA, Del Val JL, Lapena C, Laguna V, García A, Lozano O, Martín Z, Rodríguez R, Borrás E, Orfila F, Tierno MT. The effectiveness of a health promotion with group intervention by clinical trial. Study protocol. *BMC Public Health*. 2012 Mar 19;12:209. doi: 10.1186/1471-2458-12-209. PubMed PMID: 22429693; PubMed Central PMCID: PMC3359266. **FI: 1,997**

Comin E, Catalán-Ramos A, Verdú JM, Iglesias-Rodal M, del Val García JL, Grau M, Amado E, Pons A, Consola A, Ciurana R, Franzi A, Mata M, Cos X, Frigola E, Davins J. Impact of the implementation of electronic guidelines for cardiovascular prevention in primary care: study protocol. *Inform Prim Care*. 2012;20(2):129-39. PubMed PMID: 23710777.

TOTAL FI: 29,578

Thesis

Doctorand: Domingo MM. Telemonitorització no invasiva en pacients ambulatoris amb insuficiència cardíaca. Barcelona: Facultat de Medicina, Universitat de Barcelona. Data lectura: 22/02/2012.

Research area: Respiratory

Research group: GReCMaR (Research Group in the Chronicity of the Respiratory Disease)

This research team is made up of professionals from different areas and levels of primary health care who carry out their work and research in various centres in the areas of north Barcelona and Maresme, under the guidance and with the participation of the North Metropolitan Research Support Unit. Some of the group's members form part of Maresme study group investigating Community-Acquired Pneumonia (GEMPAC).

The basic objective of GReCMaR is to promote and consolidate knowledge within primary health care of the chronicity of respiratory diseases, knowledge which will lead to improved patient care and the optimum use of available resources. The group's lines are centered on prevention (giving up smoking, tertiary prevention, early detection and screening strategies), Service Evaluation (causes of COPD underdiagnosis and study of the diagnostic value of symptoms, signs and complementary tests) and the comorbidity, longitudinality and treatment of patients with respiratory diseases.

Lines: Prevention and study of risk factors associated with COPD, Detection and underdiagnosis of COPD, Educational interventions in COPD, Lower respiratory tract infection, Tertiary prevention: study of exacerbations in COPD.

GROUP LEADER

Torán Monserrat, Pere

RESEARCHERS

Borrell Thió, Eulàlia
Garriga Bacardi, M. Roser
Maneus Quintela, Sandra
Mezquiriz Ferrero, Fco. Javier
Monteagudo Zaragoza, Mònica
Montellà Jordana, Núria
Muñoz Ortiz, Laura
Negrete Palma, Antonio
Ocaña Padilla, Antonia
Rodríguez Álvarez, María del Mar
SimonetAineto, Pere Josep
Urrea Vegas, Magali
Vallejo Domingo, Antonio

Research projects

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2014

- PI:** Caballería Rovira, Llorenç. *Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana*. Funding: Instituto de Salud Carlos III. Duration: 2012 - 2014
- PI:** Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: Fundació MAPFRE. Duration: 2012 - 2013
- PI:** 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 (ECOPH)*. Funding: Departament de Salut. Duration: 2012 - 2013
- PI:** Massot Mesquida, Mireia. *Adequació del tractament de l'osteoporosi en prevenció primària*. Funding: Fundació Privada Mutuam Conviure. Duration: 2012 - 2013
- PI:** 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 - 2013
- PI:** 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 - 2013
- PI:** Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary healthcare in Europe with respect to antibiotic resistance*. Funding: European Commission. Duration: 2009 - 2013
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2012
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** Martín 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 - 2012

Articles

- Alzamora MT, Forés R, Torán P, Pera G, Baena JM, López B, Sierra MV, Fabregat A. Prevalencia de calcificación arterial y factores de riesgo cardiovascular asociados. Estudio multicéntrico poblacional ARTPER. [Article original]. GacSanit. 2012;26(1):74-77. PMID:22030284. **FI: 1,326**
- Azagra R, Roca G, Encabo G, Aguyé A, Zwart M, Güell S, Puchol N, Gené E, Casado E, Sancho P, Solà S, Torán P, Iglesias M, Gisbert M, Lopez F, Pujol J, Fernández Y, Puente A, Rosàs M, Bou V, Antón JJ, Lansdberg G, Martín JC, Díez A, Prieto D. FRAX® tool, the WHO algorithm to predict osteoporotic fractures: the first analysis of its discriminative and predictiveability in the Spanish FRIDEX cohort. [Article Original]. BMC MusculoskeletDisord. 2012;13(1):204-204. PMID:23088223. **FI: 1,577**
- Caballería L, Pera G, Rodríguez L, Auladell MA, Bernad J, Canut S, Torán P. Metabolic syndrome and non-alcoholic fatty liver disease in a Spanish population. Influence of the diagnostic criteria used. Eur J GastroenterolHepatol. 2012;9(24):1007-1011. PMID:22668875. **FI: 1,757**

Caballería L, Rodríguez L, Pera G, Torán P. Abordaje del síndrome metabólico en atención primaria. 7 Dias Médicos. 2012;846:17-23.

Caballería L, Torán P. Detección precoz de la enfermedad hepática crónica en población adulta aparentemente sana en atención primaria. Article Original. GastroenterolHepatol. 2012;32(2):23-29. PMID:23298656. **FI: 0,727**

Ibars A, Feixas G, Segura J, Muñoz L, Torán P, Arnau J, Corbella S. Malestar psicològic i somatització en els pacients immigrants africans, a les consultes d'atenció primària. Aloma. 2012;30(2):53-62.

López-Cancio E, Dorado L, Millán M, Reverté S, Suñol A, Massuet A, Galán A, Alzamora MT, Pera G, Torán P, Dávalos A, Arenillas JF. The Barcelona-Asymptomatic Intracranial Atherosclerosis (AsIA) study: prevalence and risk factors. Atherosclerosis. 2012;221(1):221-225. PMID:22245037. **FI: 3,794**

Olaguibel JM, Quirce S, Julià B, Fernández C, Fortuna AM, Molina J, Plaza V on behalf of the MAGIC Studi Group. Measurement of asthma control according to global initiative for asthma guidelines: a comparison with the asthma control questionnaire. [Article Original]. Respir Res. 2012;13:50. PMID:22726416. **FI: 2,859**

Ruiz Comellas A, Pera G, Baena Díez JM, Mundet Tudurí X, Alzamora Sas T, Elosua R, Torán Monserrat P, Heras A, Forés Raurell R, Fusté Gamisans M, Fàbrega Camprubí M. [Validation of a Spanish Short Version of the Minnesota Leisure Time Physical Activity Questionnaire (VREM)]. Rev Esp Salud Pública. 2012 Oct;86(5):495-508. doi:10.4321/S1135-57272012000500004. Spanish. PubMed PMID:23223762. **FI: 0,706**

Simonet PJ. La pérdida de la función pulmonar en los pacientes con enfermedad pulmonar obstructiva crónica es muy variable. [Article revisió]. AtenciónPrimaria Basada en la Evidencia. 2012;1/2012:197.

Simonet PJ. La pérdida de la función pulmonar en los pacientes con enfermedad pulmonar obstructiva crónica es muy variable. [Article revisió]. FormMedCont Atenc Prim. 2012;19(3):197.

Soriano-Raya JJ, Miralbell J, López-Cancio E, Bargalló N, Arenillas JF, Barrios M, Cáceres C, Torán P, Alzamora M, Dávalos A, Mataró M. Deep versus periventricular white matter lesions and cognitive function in a community sample of middle-aged participants. J IntNeuropsychol Soc. 2012;18(5):874-885. PMID:22687604. **FI: 2,759**

TOTAL FI: 15,505

Prizes

Premi al Millor Treball de Recerca Científica. XV Jornada Sanitària al Maresme. Estudi dels factors de risc associats a la presència d'esteatosi hepàtica no alcohòlica en atenció primària. Un estudi de casos i controls. Arteaga I, Caballería L, Pera G, Rodríguez L, Auladell MA, Alumà A, Muñoz L, Torán P.

Research area: Health Services Research

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

PI: 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 - 2013

PI: 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 - 2013

PI: 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 - 2013

PI: 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 - 2012

Articles

- Clotet J, Real J, Lorente I, Fuentes A, Paredes E, Ciria M. Spirometry as method of screening and intervention in high- risk smokers in primary care. *Aten Primaria*. 2012;44(6):328-334. PMID:22088774. **FI: 0,627**
- Cruz I, Serna MC, Rue M, Real J, Galvan L. Comparative exposure to antipsychotic medications in immigrant and native-born populations of a Spanish health region. Article Original. *Eur Psychiatry*. 2012;27:477-482. PMID:21570261. **FI: 2,766**
- Cruz I, Serna MC, Rue M, Real J, Soler J, Galvan L. Duration and compliance with antidepressant treatment in immigrant and native-born populations in Spain: a four year follow-up descriptive study. *BMC Public Health*. 2012;12(1):256-256. PMID:22469197. **FI: 1,997**
- Forcada I, Pera V, Pifarre J, Cruz I, Serna MC, Rue M, Galvan L. Comparison of Immigrant and Native-Born Population Adherence to Antipsychotic Treatment in a Spanish Health Region. [Article Original]. *Community Ment Health J*. 2012;sep29:0-0. PMID:23054154. **FI: 1,030**
- Marzo MM, Galindo G. Estado actual del cribado del cáncer de próstata. [Article Original]. *Form Med Cont Atenc Prim*. 2012;19:203-205.
- Saurina C, Vall-Llosera L, Saez M; GESIC collaborative group. Factors determining family planning in Catalonia. Sources of inequity. *Int J Equity Health*. 2012 Jul 20;11:35. PubMed PMID: 22818829; PubMed Central PMCID: PMC3439331. **FI: 1,712**
- Soler-González J, Marsal JR, Serna C, Real J, Cruz I, López A. [Poorer diabetes control among the immigrant population than among the autochthonous population]. *Gac Sanit*. 2013 Jan-Feb;27(1):19-25. doi:10.1016/j.gaceta.2011.12.015. Epub 2012 Mar 31. Spanish. PubMed PMID: 22465053. **FI: 1,326**
- Soler-González J, Real J, Farré J, Serna C, Cruz I, Ruiz C, Bosch A. [Comparative analysis of serological tests performed in immigrants in the Lleida health area]. *Aten Primaria*. 2013 Feb;45(2):84-91. doi:10.1016/j.aprim.2012.09.008. Epub 2012 Nov 7. Spanish. PubMed PMID: 23140837. **FI: 0,627**
- Yuguero O, Serna MC, Real J, Galvan L, Riu P, Godoy P. Using treatment compliance to determine the under-notification of tuberculosis in a health region for the years 2007-2009. *Aten Primaria*. 2012;44(12):703-708. PMID:22819371. **FI: 0,627**

TOTAL FI: 10,712

Prizes

Mención Especial. Congreso Nacional Entrevista Clínica y Comunicación Asistencial. Mejora de la educación de grado abordando la competencia cultura. Serna MC, Soler J, Rodríguez A, Marsal JR, Ruiz MC, Torres M.

Thesis

Doctorand: Cruz I. Ús de fàrmacs antidepressius i antipsicòtics per part de la població immigrant i autòctona de la Regió Sanitària de Lleida. Lleida: Facultat de Medicina, Universitat de Lleida. Data lectura: 23/04/2012.

Research area: Others

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 Hepathology 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 Edurne
Alcaraz Ferrer, Enriqueta
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
Nieto Márquez, Laura
Pera Blanco, Guillem
Rodríguez Gonzalez, Luis
Sánchez García, M^a Carmen
Tibau Catalan, Albert

Research projects

PI: 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 - 2014

PI: 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 - 2014

PI: Caballería Rovira, Llorenç. *Detección precoz de enfermedades crónicas del hígado en población adulta aparentemente sana.* Funding: Instituto de Salud Carlos III. Duration: 2012 - 2014

- PI:** Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: Fundació MA-PFRE. Duration: 2012 - 2013
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** Montero Alía, Pilar. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2012
- PI:** 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 - 2012
- PI:** Roset Salla, Margarida. *La intervenció educativa grupal en alimentació saludable a parets 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 - 2012

Articles

- Alzamora MT, Forés R, Torán P, Pera G, Baena JM, López B, Sierra MV, Fabregat A. Prevalencia de calcificación arterial y factores de riesgo cardiovascular asociados. Estudio multicéntrico poblacional ARTPER. [Article original]. Gac Sanit. 2012;26(1):74-77. PMID:22030284. **FI: 1,326**
- Caballería L, Pera G, Rodríguez L, Auladell MA, Bernad J, Canut S, Torán P. Metabolic syndrome and non-alcoholic fatty liver disease in a Spanish population. Influence of the diagnostic criteria used. Eur J Gastroenterol Hepatol. 2012;9(24):1007-1011. PMID:22668875. **FI: 1,757**
- Caballería L, Rodríguez L, Pera G, Torán P. Abordaje del síndrome metabólico en atención primaria. 7 Dias Médicos. 2012;846:17-23.
- Caballería L, Torán P. Detección precoz de la enfermedad hepática crónica en población adulta aparentemente sana en atención primaria. Article Original. Gastroenterol Hepatol. 2012;32(2):23-29. PMID:23298656. **FI: 0,727**
- Domingo M, Lupón J, González B, Crespo E, López R, Ramos A, Urrutia A, Pera G, Verdú JM, Bayes-Genis A. Evaluation of a telemedicine system for heart failure patients: feasibility, acceptance rate, satisfaction and changes in patient behavior: results from the CARME (Catalan Remote Management Evaluation) study. Eur J Cardiovasc Nurs. 2012 Dec;11(4):410-8. doi: 10.1016/j.ejcnurse.2011.02.003. Epub 2012 Apr 18. PubMed PMID: 21402493.
- López-Cancio E, Dorado L, Millán M, Reverté S, Suñol A, Massuet A, Galán A, Alzamora MT, Pera G, Torán P, Dávalos A, Arenillas JF. The Barcelona-Asymptomatic Intracranial Atherosclerosis (AsIA) study: prevalence and risk factors. Atherosclerosis. 2012;221(1):221-225. PMID:22245037. **FI: 3,794**
- Milkiewicz M, Caballería L, Smyk DS, Milkiewicz P. Predicting and preventing autoimmunity: the case of anti-mitochondrial antibodies. Autoimmunity Highlights. 2012;3(3):105-112.
- Miralbell J, Soriano JJ, Spulber G, López-Cancio E, Arenillas JF, Bargalló N, Galán A, Barrios MT, Cáceres C, Alzamora MT, Pera G, Kivipelto M, Wahlund LO, Dávalos A, Mataró M. Structural brain changes and cognition in relation to markers of vascular dysfunction. Neurobiol Aging. 2012;33(5):1003.e9-1003.e17. PMID:22014619. **FI: 6,189**
- Ruiz Comellas A, Pera G, Baena Díez JM, Mundet Tudurí X, Alzamora Sas T, Elosua R, Torán Monserrat P, Heras A, Forés Raurell R, Fusté Gamisans M, Fàbrega Camprubí M. [Validation of a Spanish Short Version of the Minnesota Leisure Time Physical Activity Questionnaire (VREM)]. Rev Esp Salud Publica. 2012 Oct;86(5):495-508. doi:10.4321/S1135-57272012000500004. Spanish. PubMed PMID:23223762. **FI: 0,706**

TOTAL FI: 14,499

Prizes

Premi al Millor Treball de Recerca Científica. XV Jornada Sanitària al Maresme. Estudi dels factors de risc associats a la presència d'esteatosi hepàtica no alcohòlica en atenció primària. Un estudi de casos i controls. Arteaga I, Caballería L, Pera G, Rodríguez L, Auladell MA, Alumà A, Muñoz L, Torán P.

Research area: Osteoarticular system

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

PI: 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 - 2014

PI: 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 - 2013

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

PI: 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 - 2012

PI: 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 - 2012

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

PI: Prieto Alhambra, Daniel. *Fractures and related mortality in England & Wales (UK) compared to Catalonia (Spain).* Funding: IDIAP Jordi Gol. Duration: 2011 - 2012

PI: 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 - 2012

Articles

Azagra R, Roca G, Encabo G, Aguyé A, Zwart M, Güell S, Puchol N, Gené E, Casado E, Sancho P, Solà S, Torán P, Iglesias M, Gisbert M, Lopez F, Pujol J, Fernández Y, Puente A, Rosàs M, Bou V, Antón JJ, Lansdberg G, Martín JC, Díez A, Prieto D. FRAX® tool, the WHO algorithm to predict osteoporotic fractures: the first analysis of its discriminative and predictive ability in the Spanish FRIDEX cohort. [Article Original]. BMC Musculoskelet Disord. 2012;13(1):204-204. PMID:23088223. **FI: 1,577**

Bolíbar B, Fina F, Morros R, Garcia MD, Hermosilla E, Ramos R, Rosell M, Rodríguez J, Medina M, Calero S, Prieto D. SIDIAP database: electronic clinical records in Primary Care as a source of information for epidemiologic research. [Article original]. Med Clin (Barc). 2012 May 19;138(14):617-21. PMID:22444996. **FI: 1,385**

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Muñoz J, Prieto D. Prevalence and predictors of vitamin D deficiency in non-supplemented women with systemic lupus erythematosus in the Mediterranean region:a cohort studt. [Article Original]. Scand J Rheumatol. 2012; . PMID:22830580. **FI: 2,472**

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Prieto D, Díez A. Do we need to Fine-Tune the Spanish Version of the FRAX Predictive Tool?. [Article Original]. J Clin Densitom. 2012;August 22. PMID:22921774. **FI: 1,295**

Prieto-Alhambra D, Avilés FF, Judge A, Van Staa T, Nogués X, Arden NK, Díez-Pérez A, Cooper C, Javaid MK. Burden of pelvis fracture: a population-based study of incidence, hospitalisation and mortality. Osteoporos Int. 2012 Dec;23(12):2797-803. doi: 10.1007/s00198-012-1907-z. Epub 2012 Feb 4. PubMed PMID: 22310957. **FI: 4,580**

Prieto-Alhambra D, Premaor MO, Fina Avilés F, Hermosilla E, Martinez-Laguna D, Carbonell-Abella C, Nogués X, Compston JE, Díez-Pérez A. The association between fracture and obesity is site-dependent: a population-based study in postmenopausal women. J Bone Miner Res. 2012 Feb;27(2):294-300. PubMed PMID:22095911. **FI: 6,373**

Prieto-Alhambra D, Servitja S, Javaid MK, Garrigós L, Arden NK, Cooper C, Albanell J, Tusquets I, Díez-Pérez A, Nogués X. Vitamin D threshold to prevent aromatase inhibitor-related bone loss: the B-ABLE prospective cohort study. Breast Cancer Res Treat. 2012 Jun;133(3):1159-67. doi: 10.1007/s10549-012-2013-9. Epub 2012 Mar 21. PubMed PMID: 22434523. **FI: 4,431**

Ramos R, Balló E, Marrugat J, Elosua R, Sala J, Grau M, Vila J, Bolívar B, García-Gil M, Martí R, Fina F, Hermosilla E, Rosell M, Muñoz MA, Prieto-Alhambra D, Quesada M. Validity for use in research on vascular diseases of the SIDIAP (Information System for the Development of Research in Primary Care): the EMMA study. Rev Esp Cardiol. 2012 Jan;65(1):29-37. Epub 2011 Oct 27. PubMed PMID: 22036238. **FI: 2,530**

Schröder H, Benítez Arciniega A, Soler C, Covas MI, Baena-Díez JM, Marrugat J;REGICOR investigators; HERMES investigators. Validity of two short screeners for diet quality in time-limited settings. Public Health Nutr. 2012 Apr;15(4):618-26. doi: 10.1017/S1368980011001923. Epub 2011 Aug 23. PubMed PMID: 21859517. **FI: 2,169**

TOTAL FI: 30,765

Research area: Health Services Research

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

Aguado Jodar, Alba
Casajuana Brunet, Josep
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Picas Vidal, Josep Manel
Pujol Ribera, Enriqueta
Rodríguez Ruiz, Jordi
Sicras Mainar, Antoni
Violan Fors, Concepció

Research projects

PI: 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 - 2014

PI: 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 - 2013

PI: 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 - 2013

- PI:** 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 - 2013
- PI:** 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 - 2013
- PI:** Dedeu Baraldés, Antoni. *Quality and Costs of Primary Care in Europe*. Funding: NIVEL. Duration: 2010 - 2013
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** Davins Miralles, Josep. *Learning from International Networks about Errors and Understanding Safety in Primary Care*. Funding: University of Manchester. Duration: 2012 - 2012
- PI:** Davins Miralles, Josep. *Learning from International Networks about Errors and Understanding Safety in Primary Care*. Funding: Departament de Salut. Duration: 2012 - 2012
- PI:** Bolívar Ribas, Bonaventura. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Funding: European Commission. Duration: 2009 - 2012

Articles

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- Bolíbar B, Fina F, Morros R, García MD, Hermosilla E, Ramos R, Rosell M, Rodríguez J, Medina M, Calero S, Prieto D. SIDIAP database: electronic clinical records in Primary Care as a source of information for epidemiologic research. [Article original]. *Med Clin (Barc)*. 2012 May 19;138(14):617-21. PMID:22444996. **FI: 1,385**
- Costa B, Barrio F, Cabré J, Piñol J, Cos F, Bolívar B, Basora J, Castell C, Solà-Morales O, Salas J, Lindström J, Tuomilehto J; DE-PLAN-CAT Research Group. Delaying progression to type 2 diabetes among high-risk Spanish individuals is feasible in real-life primary healthcare settings using intensive lifestyle intervention. *Diabetologia*. 2012;55(5):1319-28. PMID:22322921. **FI: 6,814**
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Sicras-Mainar A, Velasco-Velasco S, Navarro-Artieda R, Blanca Tamayo M, Aguado Jodar A, Ruíz Torrejón A, Prados-Torres A, Violan-Fors C; Grupo de Estudio ACG. [Comparison of three methods for measuring multiple morbidity according to the use of health resources in primary healthcare]. *Aten Primaria.* 2012 Jun;44(6):348-57. doi: 10.1016/j.aprim.2011.05.010. Epub 2011 Oct 19. Spanish. PubMed PMID: 22014855. **FI: 0,627**

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Sicras-Mainar A, Viana Álvarez R, Galera Llorca J, Granell Villalón M, Navarro-Artieda R. [Study of patients with gout: clinical features in the last 2 years of monitoring]. *Gac Med Mex.* 2012 Sep-Oct;148(5):448-56. Spanish. PubMed PMID: 23128886. **FI: 0,221**

Vilert E, i caps d'Estudi de les UUDD de Medicina de Família i Comunitària de Catalunya. Protocol de supervisió i nivell de responsabilitat dels residents de medicina familiar i comunitària en les urgències hospitalàries. [Article revisió]. *Butlletí de la CAMFIC.* 2012;30(1)art. 5:1-7.

Vinagre I, Mata J, Hermosilla E, Morros R, Fina F, Rosell M, Castell C, Franch J, Bolibar B, Mauricio D. Control of Glycemia and Cardiovascular Risk Factors in Patients With Type 2 Diabetes in Primary Care in Catalonia (Spain). *Diabetes Care.* 2012;35(4):774-9. PMID:22344609. **FI: 8,087**

Violán Fors C, Grandes Odriozola G, Zabaleta-del-Olmo E, Gavilán Moral E. [Research in primary care as an area of knowledge. SESPAS Report 2012]. *Gac Sanit.* 2012 Mar;26 Suppl 1:76-81. doi: 10.1016/j.gaceta.2011.05.018. Epub 2011 Nov 1. Spanish. PubMed PMID: 22047623. **FI: 1,326**

TOTAL FI: 51,944

Research area: Others

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
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Ortiz Alinque, Sergi
Puchol Ruiz, Nuria
Roca Figueras, Genís
Sabaté Cintas, Victòria
Sancho Campos, Pilar
Zwart Salmeron, Marta

Research projects

PI: 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 - 2013

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

PI: 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 - 2012

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

PI: Prieto Alhambra, Daniel. *Fractures and related mortality in England & Wales (UK) compared to Catalonia (Spain)*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2012

Articles

Azagra R, Encabo G, Aguyé A, Iglesias M; en representació del grupo GROIMAP. New evidence on the discriminant and predictive capacity of the FRAX® tool in a Spanish female population. *Aten Primaria*. 2012 May;44(5):297-9. Epub 2011 Oct 21. PubMed PMID: 22019062. **FI: 0,627**

Azagra R, Roca G, Encabo G, Aguyé A, Zwart M, Güell S, Puchol N, Gené E, Casado E, Sancho P, Solà S, Torán P, Iglesias M, Gisbert M, Lopez F, Pujol J, Fernández Y, Puente A, Rosàs M, Bou V, Antón JJ, Lansdberg G, Martín JC, Díez A, Prieto D. FRAX® tool, the WHO algorithm to predict osteoporotic fractures: the first analysis of its discriminative and predictive ability in the Spanish FRIDEX cohort. [Article Original]. *BMC Musculoskelet Disord*. 2012;13(1):204-204. PMID:23088223. **FI: 1,577**

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Azagra R, Zwart M, Puchol N, Aguyé A, Puente A, Gené E. Incidència de fractures en persones majors de 50 anys i factors associats registrats en la historia clínica electrònica d'atenció primària. *Butlletí de la CAMFIC*. 2012;30(2). Landsberg Gde A, Savassi LC, de Sousa AB, de Freitas JM, Nascimento Jle S, Azagra R. Análise de demanda em Medicina de Família no Brasil utilizando a Classificação Internacional d'Atenção Primária. *Cien Saude Colet*. 2012;17(11):3025-3036. PMID:23175309.

Pagès-Castellà A, Carbonell-Abella C, Avilés FF, Alzamora M, Baena-Díez JM, Laguna DM, Nogués X, Díez-Pérez A, Prieto-Alhambra D. "Burden of osteoporotic fractures in primary health care in Catalonia (Spain): a population-based study". *BMC Musculoskelet Disord*. 2012 May 28;13:79. doi: 10.1186/1471-2474-13-79. PubMed PMID: 22639802; PubMed Central PMCID: PMC3489545. **FI: 1,577**

Pascual M, Gené E, Arnau R, Pelegrí M, Pineda M, Azagra R. Evaluación de la eficacia de enfermería en la resolución de las visitas urgentes en atención primaria. *Emergencias*. 2012;24:196-202. **FI: 2,486**

Prieto D, Díez A. Do we need to Fine-Tune the Spanish Version of the FRAX Predictive Tool?. [Article Original]. *J Clin Densitom*. 2012;August 22. PMID:22921774. **FI: 1,295**

Prieto-Alhambra D, Avilés FF, Judge A, Van Staa T, Nogués X, Arden NK, Díez-Pérez A, Cooper C, Javaid MK. Burden of pelvis fracture: a population-based study of incidence, hospitalisation and mortality. *Osteoporos Int*. 2012 Dec;23(12):2797-803. doi: 10.1007/s00198-012-1907-z. Epub 2012 Feb 4. PubMed PMID: 22310957. **FI: 4,580**

Prieto-Alhambra D, Premaor MO, Fina Avilés F, Hermosilla E, Martínez-Laguna D, Carbonell-Abella C, Nogués X, Compston JE, Díez-Pérez A. The association between fracture and obesity is site-dependent: a population-based study in postmenopausal women. *J Bone Miner Res*. 2012 Feb;27(2):294-300. PubMed PMID:22095911. **FI: 6,373**

Prieto-Alhambra D, Servitja S, Javaid MK, Garrigós L, Arden NK, Cooper C, Albanell J, Tusquets I, Díez-Pérez A, Nogués X. Vitamin D threshold to prevent aromatase inhibitor-related bone loss: the B-ABLE prospective cohort study. *Breast Cancer Res Treat*. 2012 Jun;133(3):1159-67. doi: 10.1007/s10549-012-2013-9. Epub 2012 Mar 21. PubMed PMID: 22434523. **FI: 4,431**

TOTAL FI: 23,573

Research area: Respiratory

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
Balaguer Garriga, Francesc
Blanche Prat, F.Xavier
Hernandez Huet, Enric
Jordà Recort, Margarita
Llobet Agulló, M.Pilar
Mota Jiménez, Gemma
Panadès Valls, Rafael
Pérez Tortosa, Santiago
Pujol Ribó, Joan
Rabell Santacana, Ventura
Sivecas Maristany, Joan
Vila Rigat, Rosa

Research projects

PI: 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 - 2012

Articles

Muñoz MA, Pastor E, Pujol J, Del Val JL, Cordoní S, Hermosilla E. Primary health care utilization by immigrants as compared to the native population: a multilevel analysis of a large clinical database in Catalonia. *Eur J Gen Pract.* 2012 Jun;18(2):100-6. Epub 2012 May 10. PubMed PMID: 22574692.

Research area: Cardiovascular

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
Quesada Sabaté, Miquel
Solanas Saura, Pascual

Research projects

PI: 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 - 2013

PI: Ramos Blanes, Rafel. *Avances en el manejo del riesgo intermedio. Estudio MARK (improving interMediate RiSk management)*. Funding: Instituto de Salud Carlos III. Duration: 2011 - 2013

PI: 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 - 2012

PI: 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 - 2012

Articles

Bolíbar B, Fina F, Morros R, Garcia MD, Hermosilla E, Ramos R, Rosell M, Rodríguez J, Medina M, Calero S, Prieto D. SIDIAP database: electronic clinical records in Primary Care as a source of information for epidemiologic research. [Article original]. Med Clin (Barc). 2012 May 19;138(14):617-21. PMID:22444996. **FI: 1,385**

Grau M, Subirana I, Agis D, Ramos R, Basagaña X, Martí R, de Groot E, Arnold RJ, Marrugat J, Künzli N, Elosua R. Carotid intima-media thickness in the Spanish population: reference ranges and association with cardiovascular risk factors. *Rev Esp Cardiol.* 2012;65(12):1086-1093. PMID:23021836. **FI: 2,530**

Lluís-Ganella C, Subirana I, Lucas G, Tomás M, Muñoz D, Sentí M, Salas E, Sala J, Ramos R, Ordovas JM, Marrugat J, Elosua R. Assessment of the value of a genetic risk score in improving the estimation of coronary risk. *Atherosclerosis.* 2012 Jun;222(2):456-63. doi: 10.1016/j.atherosclerosis.2012.03.024. Epub 2012 Mar 30. PubMed PMID: 22521901. **FI: 3,794**

Ramos R, Balló E, Marrugat J, Elosua R, Sala J, Grau M, Vila J, Bolívar B, García-Gil M, Martí R, Fina F, Hermosilla E, Rosell M, Muñoz MA, Prieto-Alhambra D, Quesada M. Validity for use in research on vascular diseases of the SIDIAP (Information System for the Development of Research in Primary Care): the EMMA study. *Rev Esp Cardiol.* 2012 Jan;65(1):29-37. Epub 2011 Oct 27. PubMed PMID: 22036238. **FI: 2,530**

Vilert E, i caps d'Estudi de les UDD de Medicina de Família i Comunitària de Catalunya. Protocol de supervisió i nivell de responsabilitat dels residents de medicina familiar i comunitària en les urgències hospitalàries. [Article revisió]. *Butlletí de la CAMFIC.* 2012;30(1)art. 5:1-7.

Aymerich M, Carrion C, Gallo P, Garcia M, López-Bermejo A, Quesada M, Ramos R. Measuring the payback of research activities: a feasible ex-post evaluation methodology in epidemiology and public health. *Soc Sci Med.* 2012 Aug;75(3):505-10. doi: 10.1016/j.socscimed.2012.03.044. Epub 2012 Apr 27. PubMed PMID: 22595067. **FI: 2,699**

TOTAL FI: 12,938

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
Giné Garriga, Maria
Granollers Mercadé, Silvia
Martin Borràs, Carme
Pérez Tortosa, Santiago
Prieto Alhambra, Daniel
Puig Ribera, Anna
Roig Remon, Lydia

Research projects

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2013

- PI:** Prieto Alhambra, Daniel. *Efecto de la DIAbetes tipo II sobre la incidencia de Fractura Osteoporótica: Estudio DIAFOS*. Funding: FEIOMM. Duration: 2012 - 2012
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** Prieto Alhambra, Daniel. *Trends of use of anti-osteoporosis medications in Catalonia: a population-based study*. Funding: Amgen, S.A.. Duration: 2012 - 2012
- PI:** Prieto Alhambra, Daniel. *Fractures and related mortality in England & Wales (UK) compared to Catalonia (Spain)*. Funding: IDIAP Jordi Gol. Duration: 2011 - 2012
- PI:** 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 - 2012
- PI:** 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 - 2012
- PI:** Martín 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 - 2012
- PI:** 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 - 2012

Articles

- Azagra R, Roca G, Encabo G, Aguyé A, Zwart M, Güell S, Puchol N, Gené E, Casado E, Sancho P, Solà S, Torán P, Iglesias M, Gisbert M, Lopez F, Pujol J, Fernández Y, Puente A, Rosàs M, Bou V, Antón JJ, Lansdberg G, Martín JC, Díez A, Prieto D. FRAX® tool, the WHO algorithm to predict osteoporotic fractures: the first analysis of its discriminative and predictive ability in the Spanish FRIDEX cohort. [Article Original]. BMC Musculoskelet Disord. 2012;13(1):204-204. PMID:23088223. **FI: 1,577**
- Ballvé JL, Pujol G, Romaguera A, Castella C, Depares JM, Camañes N. ¿Podemos mejorar la comunicación interna en atención primaria?. [Article original]. Aten Primaria. 2012;44(2):e9-e10. PMID:21497417. **FI: 0,627**
- Bolíbar B, Fina F, Morros R, García MD, Hermosilla E, Ramos R, Rosell M, Rodríguez J, Medina M, Calero S, Prieto D. SIDIAP database: electronic clinical records in Primary Care as a source of information for epidemiologic research. [Article original]. Med Clin (Barc). 2012 May 19;138(14):617-21. PMID:22444996. **FI: 1,385**
- Clemente L, Bartolome C, Rubio E, Martín C, Puente D, Sobradie N, Grupo de Abordaje del Tabaquismo de semFYC y responsables autonómicos de la Semana sin Humo 2008. Actitudes de los españoles frente a los espacios libres de humo de tabaco. Aten Primaria. 2012;44:138-144. PMID:21665331. **FI: 0,627**
- Lalmohamed A, Opdam F, Arden NK, Prieto-Alhambra D, van Staa T, Leufkens HG, de Vries F. Knee arthroplasty and risk of hip fracture: a population-based, case-control study. Calcif Tissue Int. 2012 Feb;90(2):144-50. doi: 10.1007/s00223-011-9558-1. Epub 2011 Dec 18. PubMed PMID: 22179584; PubMed Central PMCID: PMC3271227. **FI: 2,376**
- Muñoz J, Prieto D. Prevalence and predictors of vitamin D deficiency in non-supplemented women with systemic lupus erythematosus in the Mediterranean region: a cohort study. [Article Original]. Scand J Rheumatol. 2012; . PMID:22830580. **FI: 2,472**
- Pagès-Castellà A, Carbonell-Abella C, Avilés FF, Alzamora M, Baena-Díez JM, Laguna DM, Nogués X, Díez-Pérez A, Prieto-Alhambra D. "Burden of osteoporotic fractures in primary health care in Catalonia (Spain): a population-based study". BMC Musculoskelet Disord. 2012 May 28;13:79. doi: 10.1186/1471-2474-13-79. PubMed PMID: 22639802; PubMed Central PMCID: PMC3489545. **FI: 1,577**
- Pérez K, Novoa AM, Santamariña-Rubio E, Narvaez Y, Arrufat V, Borrell C, Cabeza E, Cirera E, Ferrando J, García-Altés A, Gonzalez-Luque JC, Lizarbe V, Martín-Cantera C, Seguí-Gómez M, Suelves JM; Working Group for Study of Injuries of Spanish Society of Epidemiology. Incidence trends of traumatic spinal cord injury and traumatic brain injury in Spain, 2000-2009. Accid Anal Prev. 2012 May;46:37-44. doi: 10.1016/j.aap.2011.12.004. Epub 2012 Jan 20. PubMed PMID:22310041. **FI: 1,867**

Prieto D, Díez A. Do we need to Fine-Tune the Spanish Version of the FRAX Predictive Tool?. [Article Original]. J Clin Densitom. 2012;August 22. PMID:22921774. **FI: 1,295**

Prieto-Alhambra D, Avilés FF, Judge A, Van Staa T, Nogués X, Arden NK, Díez-Pérez A, Cooper C, Javaid MK. Burden of pelvis fracture: a population-based study of incidence, hospitalisation and mortality. Osteoporos Int. 2012 Dec;23(12):2797-803. doi: 10.1007/s00198-012-1907-z. Epub 2012 Feb 4. PubMed PMID: 22310957. **FI: 4,580**

Prieto-Alhambra D, Premaor MO, Fina Avilés F, Hermosilla E, Martinez-Laguna D, Carbonell-Abella C, Nogués X, Compston JE, Díez-Pérez A. The association between fracture and obesity is site-dependent: a population-based study in postmenopausal women. J Bone Miner Res. 2012 Feb;27(2):294-300. PubMed PMID:22095911. **FI: 6,373**

Prieto-Alhambra D, Servitja S, Javaid MK, Garrigós L, Arden NK, Cooper C, Albanell J, Tusquets I, Díez-Pérez A, Nogués X. Vitamin D threshold to prevent aromatase inhibitor-related bone loss: the B-ABLE prospective cohort study. Breast Cancer Res Treat. 2012 Jun;133(3):1159-67. doi: 10.1007/s10549-012-2013-9. Epub 2012 Mar 21. PubMed PMID: 22434523. **FI: 4,431**

Puig A, Peña O, Romaguera M, Duran E, Heras A, Solà M, Sarmiento M, Cid A. Cómo identificar la inactividad física en atención primaria: validación de las versiones catalana y española de 2 cuestionarios breves. Aten Primaria. 2012;44(8):485-493. PMID:22463945. **FI: 0,627**

Ramos R, Balló E, Marrugat J, Elosua R, Sala J, Grau M, Vila J, Bolívar B, García-Gil M, Martí R, Fina F, Hermosilla E, Rosell M, Muñoz MA, Prieto-Alhambra D, Quesada M. Validity for use in research on vascular diseases of the SIDIAP (Information System for the Development of Research in Primary Care): the EMMA study. Rev Esp Cardiol. 2012 Jan;65(1):29-37. Epub 2011 Oct 27. PubMed PMID: 22036238. **FI: 2,530**

TOTAL FI: 32,344

Prizes

8è Premi de Recerca en Atenció Primària. Regió Sanitària de Barcelona/IDIAP. Eficàcia de la maniobra d'Epley realitzada en AP per tractar el vertígen posicional paroxístic benigne del canal posterior. Ballvé JL, Adroer R, Capella A, Bigas O, Carrillo R.

Research area: Cardiovascular

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 Esquius, Neus
Salvadó Hernandez, Cristina
Salvador Gonzalez, Betlem
Sarret Vilà, Sonia
Tamayo Ojeda, Carmen

Research projects

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2013

PI: Barrio Ruiz, Carmen. *Estudio de disfunción diastólica en pacientes hipertensos mayores de 65 años en atención primaria.* Funding: Fundació d'Atenció Primària (CAMFiC). Duration: 2010 - 2012

Articles

Salvadó C, Hernandez E, Guerrero E, Florido M, Soler A, Rueda P. Intervención educativa grupal sobre cuidados neonatales a futuros padres. *Metas de enfermería.* 2012;15(3):20-25.

Research area: Respiratory

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

Bolíbar Ribas, Ignasi
Fraga Martinez, M. Mar
Freixas Laporta, Montserrat
Giner Donaire, Jordi
Medrano Medrano, Casimira
Ostiz Zubieta, Fabián
Peiró Fàbregas, Meritxell
Plaza Moral, Vicente
Pou Giménez, Maria Antònia
Solanes García, Ingrid
Valero Garcia, Carles
Valverde Trillo, Pepi

Research projects

PI: 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 - 2012

Research area: Respiratory

Research group: MRA (Observatory for the study of asbestos-related illnesses)

The observatory is made up of doctors from five specialities – 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
Krier Günther, Ilona
Martínez Artés, Xavier
Orriols Martínez, Ramon
Rosell Murphy, Magdalena
Tarrés Olivella, Josep

Articles

Bolíbar B, Fina F, Morros R, Garcia MD, Hermosilla E, Ramos R, Rosell M, Rodríguez J, Medina M, Calero S, Prieto D. SIDIAP database: electronic clinical records in Primary Care as a source of information for epidemiologic research. [Article original]. Med Clin (Barc). 2012 May 19;138(14):617-21. PMID:22444996. **FI: 1,385**

Vallès-Fernández R, Rodríguez-Blanco T, Mengual-Martínez L, Rosell-Murphy M, Prieto-De Lamo G, Martínez-Frutos F, Mimoso-Moreno S, Bellerino-Serrano E, Alvarez-Lázaro A, Franzí-Sisó A, Martínez-Vindel JC, Alonso-Ortega MS, Olmedo-Muñoz I, Bonet-Simó JM; INCOTECa research group. Intervention for control of hypertension in Catalonia, Spain (INCOTECa Project): results of a multicentric, non-randomised, quasi-experimental controlled intervention study. BMJ Open. 2012 Apr 18;2(2):e000507. doi: 10.1136/bmjopen-2011-000507. Print 2012. PubMed PMID: 22514242; PubMed Central PMCID: PMC3332244.

Vinagre I, Mata J, Hermosilla E, Morros R, Fina F, Rosell M, Castell C, Franch J, Bolívar B, Mauricio D. Control of Glycemia and Cardiovascular Risk Factors in Patients With Type 2 Diabetes in Primary Care in Catalonia (Spain). Diabetes Care. 2012;35(4):774-9. PMID:22344609. **FI: 8,087**

TOTAL FI: 9,472

Research area: Life Style

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
Poblet Calaf, Carmina
Valdivieso López, Empar

Research projects

PI: 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 - 2014

PI: 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 - 2012

Articles

Flaherty M, Flores Mateo G, Nnoaham K, Lloyd-Williams F, Capewell S. Potential cardiovascular mortality reductions with stricter food policies in the United Kingdom of Great Britain and Northern Ireland. *Bull World Health Organ.* 2012;90:522-531. PMID:22807598. **FI: 4,641**

Arija V, Martín N, Canela TM, Anguera C, Castela AI, García M, García A, Lucena C, Martínez T, Fernández S, Pedret MR, Badia W, Basora J. Nutrition education intervention for dependent patients: protocol of a randomized controlled trial. *BMC Public Health.* 2012;12:373. PMID:22625878. **FI: 1,997**

Carratalà-Munuera MC, Orozco-Beltrán D, Gil-Guillen VF, Navarro-Perez J, Quirce F, Merino J, Basora J. Bibliometric analysis of International Scientific production on primary care. *Aten Primaria.* 2012;44(11):651-658. PMID:22296794. **FI: 0,627**

Costa B, Barrio F, Cabré J, Piñol J, Cos F, Bolívar B, Basora J, Castell C, Solà-Morales O, Salas J, Lindström J, Tuomilehto J; DE-PLAN-CAT Research Group. Delaying progression to type 2 diabetes among high-risk Spanish individuals is feasible in real-life primary healthcare settings using intensive lifestyle intervention. *Diabetologia*. 2012;55(5):1319-28. PMID:22322921. **FI: 6,814**

Díaz-Lopez A, Bullo M, Basora J, Martinez Gonzalez MA, Guasch Ferré M, Estruch R, Wärnberg J, Serra-Majem L, Arós F, Lapetra J, Ros E, Pintó X, Covas MI, Salas J. Cross-sectional associations between macronutrient intake and chronic kidney disease in a population at high cardiovascular risk. *Clin Nutr*. 2012;5614(12):228-2-228-2. PMID:23141101. **FI: 3,731**

Díaz-López A, Bulló M, Martínez-González MÁ, Guasch-Ferré M, Ros E, Basora J, Covas MI, del Carmen López-Sabater M, Salas-Salvado J; PREDIMED (Prevención con Dieta Mediterránea) Reus Study Investigators. Effects of Mediterranean diets on kidney function: a report from the PREDIMED trial. *Am J Kidney Dis*. 2012 Sep;60(3):380-9. doi: 10.1053/j.ajkd.2012.02.334. Epub 2012 Apr 27. PubMed PMID: 22541738. **FI: 5,434**

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Pedret A, Valls RM, Fernández-Castillejo S, Catalán Ú, Romeu M, Giralt M, Lamuela-Raventós RM, Medina-Remón A, Arijá V, Aranda N, Espinel A, Delgado MA, Solà R. Polyphenol-rich foods exhibit DNA antioxidative properties and protect the glutathione system in healthy subjects. *Mol Nutr Food Res*. 2012 Jul;56(7):1025-33. doi: 10.1002/mnfr.201100676. PubMed PMID: 22760977. **FI: 4,301**

Rey C, Valdivieso E, Arijá V. Subliminal tobacco advertising in Spanish television series. *Aten Primaria*. 2012;44(10):573-575. PMID:22981130. **FI: 0,627**

Ribot B, Aranda N, Arijá V. Early of late supplementation: similar evolution of the iron status during pregnancy. *Nutr Hosp*. 2012;27(1):219-226. PMID:22566325. **FI: 1,120**

Ribot B, Aranda N, Viteri F, Hernández-Martínez, Canals J, Arijá V. Depleted iron stores without anaemia early in pregnancy carries increased risk of lower birthweight even when supplemented daily with moderate iron. *Hum Reprod*. 2012;27(5):1260-1266. PMID:22357769. **FI: 4,475**

Rodríguez-Blanco T, Vila A, de Diego C, Ochoa O, Valdivieso E, Bobé F, Morro A, Hernández N, Martín A, Calamote F, Clotas L, Herreros I, Saun N. Relationship between annual influenza vaccination and winter mortality in diabetic people over 65 years. *Hum Vaccin*. 2012;8:363-370. PMID:22327503. **FI: 1,940**

TOTAL FI: 39,799

Research area: Aging

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
Lobato del Prado, Anabel
Lombarte Bonfill, Ines
Megido Badia, M^a Jesús

Research projects

PI: 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 - 2012

PI: 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 - 2012

Articles

Ferrer A, Formiga F, Plana O, Tobella M, Gil A, Pujol R, Octabaix Study Group. Risk of falls in 85-year-olds is associated with functional and cognitive status: The Octabaix study. [Arch Gerontol Geriatr. 2012;54(2):352-356. PMID:21722976. **FI: 1,452**

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Formiga F, Ferrer A, Chivite D, Pinto X, Badia T, Padrós G, Pujol R. Serum high-density lipoprotein cholesterol levels correlate well with functional but not with cognitive status in 85-year-old subjects. *J Nutr Health Aging.* 2012;16(5):449-453. PMID:22555789. **FI: 2,686**

Formiga F, Ferrer A, Cruzado JM, Padros G, Fanlo M, Roson B, Pujol R. Geriatric assessment and chronic kidney disease in the oldest old: the Octabaix study. *Eur J Intern Med.* 2012 Sep;23(6):534-8. doi:10.1016/j.ijim.2012.03.009. Epub 2012 Mar 28. PubMed PMID: 22863431. **FI: 5,483**

Formiga F, Ferrer A, Mimblera D, Badia T, Fernandez C, Pujol R; Grupo de Estudio Octabaix. High Rate of Anticoagulation Therapy in Oldest Old Subjects With Atrial Fibrillation: The Octabaix Study. *J Am Med Dir Assoc.* 2012;13(1):8-10. PMID:21621470. **FI: 4,645**

Padrós G, Ferrer A, Formiga F, Almeda J, March MA, Pujol R. Dyslipidemia and ischemic cardiopathy associated with duration of diabetes mellitus in the oldest old: the OCTABAIX study. [Carta al director]. *J Am Geriatr Soc.* 2012;60(8):1594-1596. PMID:22889033. **FI: 3,737**

Tobella A, Gil A, Llopart C, Ferrer A, Formiga F, Rojas-Farreras S. Factors associated with social risk in 85-year-old community residents. *Rev Clin Esp.* 2013 Apr;213(3):145-149. doi: 10.1016/j.rce.2012.11.003. Epub 2012 Dec 20. English, Spanish. PubMed PMID: 23261840. **FI: 2,008**

TOTAL FI: 27,574

Research area: Cardiovascular

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

PI: 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 - 2012

PI: Dalmau Llorca, Maria Rosa. *Efectivitat de l'implementació d'una guia de prescripció d'hipolipemians 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 - 2012

Articles

Clua-Espuny JL, Piñol-Moreso JL, Gil-Guillén FV, Orozco-Beltran D, Panisello-Tafalla A, Lucas-Noll J. The stroke care system in Terres de l'Ebre, Spain, after the implementation of the Stroke Code model: Ebrictus Study. *Med Clin (Barc)*. 2012 May 19;138(14):609-11. Epub 2011 Dec 6. PubMed PMID:22153783. **FI: 1,385**

Clua-Espuny JL, Piñol-Moreso JL, Gil-Guillén VF, Orozco-Beltrán D, Panisello-Tafalla A, Lucas-Noll J, Queralt-Tomás ML, Pla-Farnós R. Primary and secondary cardiovascular prevention results in patients with stroke: relapse risk and associated survival (Ebrictus study). *Rev Neurol*. 2012 Jan 16;54(2):81-92. Spanish. PubMed PMID: 22234566. **FI: 1,218**

Clua-Espuny JL, Piñol-Moreso JL, Panisello-Tafalla A, Lucas-Noll J, Gil-Guillén VF, Orozco-Beltran D, Queralt-Tomas ML. Ebrictus study. Functional results, survival, and potential years of life lost after the first stroke. *Aten Primaria*. 2012;44(4):223-31. Epub 2011 Sep 28. PubMed PMID: 21959094. **FI: 0,627**

Coll-de-Tuero G, Mata-Cases M, Rodríguez-Poncelas A, Pepió JM, Roura P, Benito B, Franch-Nadal J, Saez M. Chronic kidney disease in the type 2 diabetic patients: prevalence and associated variables in a random sample of 2642 patients of a Mediterranean area. *BMC Nephrol*. 2012 Aug 20;13:87. doi:10.1186/1471-2369-13-87. PubMed PMID: 22905926; PubMed Central PMCID: PMC3537582.

Cruz I, Serna MC, Rue M, Real J, Galvan L. Comparative exposure to antipsychotic medications in immigrant and native-born populations of a Spanish health region. *Article Original. Eur Psychiatry*. 2012;27:477-482. PMID:21570261. **FI: 2,766**

Cruz I, Serna MC, Rue M, Real J, Soler J, Galvan L. Duration and compliance with antidepressant treatment in immigrant and native-born populations in Spain: a four year follow-up descriptive study. *BMC Public Health*. 2012;12(1):256-256. PMID:22469197. **FI: 1,997**

Forcada I, Pera V, Pifarre J, Cruz I, Serna MC, Rue M, Galvan L. Comparison of Immigrant and Native-Born Population Adherence to Antipsychotic Treatment in a Spanish Health Region. [Article Original]. *Community Ment Health J*. 2012;sep29:0-0. PMID:23054154. **FI: 1,030**

López C, Lejeune M, Bosch R, Korzynska A, García-Rojo M, Salvadó MT, Alvaro T, Callau C, Roso A, Jaén J. Digital image analysis in breast cancer: an example of an automated methodology and the effects of image compression. *Stud Health Technol Inform*. 2012;179:155-71. PubMed PMID: 22925796.

Montesó P, Ferre C, Lleixa M, Albacar N, Aguilar C, Sanchez A, Lejeune M. Depression in the elderly: study in a rural city in southern Catalonia. *J Psychiatr Ment Health Nurs*. 2012 Jun;19(5):426-9. doi: 10.1111/j.1365-2850.2011.01798.x. Epub 2011 Sep 2. PubMed PMID: 22070581. **FI: 0,799**

TOTAL FI: 9,822

Research area: Health Services Research

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

PI: 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 - 2014

PI: 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 - 2014

PI: 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 - 2013

PI: 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 - 2013

Articles

Berenguera A, Almeda J, Violan C, Pujol E. Percepción de riesgo de infección por VIH-SIDA de los usuarios de las organizaciones no gubernamentales que trabajan en la prevención-control del VIH-SIDA en Cataluña. [Carta al director]. *Aten Primaria*. 2012;44(5):293-295. PMID:22326936. **FI: 0,627**

Coll-de-Tuero G, Mata-Cases M, Rodríguez-Poncelas A, Pepió JM, Roura P, Benito B, Franch-Nadal J, Saez M. Chronic kidney disease in the type 2 diabetic patients: prevalence and associated variables in a random sample of 2642 patients of a Mediterranean area. *BMC Nephrol*. 2012 Aug 20;13:87. doi:10.1186/1471-2369-13-87. PubMed PMID: 22905926; PubMed Central PMCID: PMC3537582.

Mata JM, Roura P, Berengué MD, Birulés M, Mundet X, Franch J, Benito MB, Cano JF; Diabetes Study Group in Primary Health Care (GEDAPS: Grup d'Estudi de la Diabetis a l'Atenció Primària de Salut, Catalanian Society of Family and Community Medicine). Fifteen years of continuous improvement of quality care of type 2 diabetes mellitus in primary care in Catalonia, Spain. *Int J Clin Pract*. 2012;66(3):289-298. PMID:22340449. **FI: 2,415**

Mundet X, Cano F, Mata JM, Roura P, Franch J, Birulés M, Gimbert R, Cos FX and GEDAPS group. Trends in chronic complications of type 2 diabetic patients from Spanish primary health care centres (GEDAPS study): Ten year-implementation of St. Vincent recommendations. *Prim Care Diabetes*. 2012;6:11-8. PMID:21757413.

Muñoz MA, Pastor E, Pujol J, Del Val JL, Cordermí S, Hermosilla E. Primary health care utilization by immigrants as compared to the native population: a multilevel analysis of a large clinical database in Catalonia. *Eur J Gen Pract*. 2012 Jun;18(2):100-6. Epub 2012 May 10. PubMed PMID: 22574692.

Núñez M, Sastre S, Núñez E, Lozano L, Nicodemo C, Segur JM. Health-related quality of life and direct costs in patients with anterior cruciate ligament injury: single-bundle versus double-bundle reconstruction in a low-demand cohort—a randomized trial with 2 years of follow-up. *Arthroscopy*. 2012;28:929-935. PMID:22342927. **FI: 3,024**

Rodríguez D, Berenguera A, Pujol E, De Peray JL, Roma J. Identificación de las competencias actuales y futuras de los profesionales de la Salud Pública. Un estudio cualitativo realizado en Cataluña. *Gac Sanit*. 2012. **FI: 1,326**

Rodríguez-Blanco T, Vila A, de Diego C, Ochoa O, Valdivieso E, Bobé F, Morro A, Hernández N, Martín A, Calamote F, Clotas L, Herreros I, Saun N. Relationship between annual influenza vaccination and winter mortality in diabetic people over 65 years. *Hum Vaccin*. 2012;8:363-370. PMID:22327503. **FI: 1,940**

Vallès-Fernández R, Rodríguez-Blanco T, Mengual-Martínez L, Rosell-Murphy M, Prieto-De Lamo G, Martínez-Frutos F, Mimoso-Moreno S, Bellerino-Serrano E, Alvarez-Lázaro A, Franzi-Sisó A, Martínez-Vindel JC, Alonso-Ortega MS, Olmedo-Muñoz I, Bonet-Simó JM; INCOTECA research group. Intervention for control of hypertension in Catalonia, Spain (INCOTECA Project): results of a multicentric, non-randomised, quasi-experimental controlled intervention study. *BMJ Open*. 2012 Apr 18;2(2):e000507. doi: 10.1136/bmjopen-2011-000507. Print 2012. PubMed PMID: 22514242; PubMed Central PMCID: PMC3332244.

Vila-Corcoles A, Ochoa-Gondar O, Rodríguez-Blanco T, Gutierrez-Perez A, Vila-Rovira A, Gomez F, Raga X, de Diego C, Satue E, Salsench E; EPIVAC Study Group. Clinical effectiveness of pneumococcal vaccination against acute myocardial infarction and stroke in people over 60 years: the CAPAMIS study, one-year follow-up. *BMC Public Health*. 2012;22(12):222-229. PMID:22436146. **FI: 1,997**

Vila-Corcoles A, Ochoa-Gondar O, Rodríguez-Blanco T, Gutierrez-Perez A, Vila-Rovira A; EPIVAC Study Group. Clinical effectiveness of 23-valent pneumococcal polysaccharide vaccine against pneumonia in patients with chronic pulmonary diseases: a matched case-control study. *Hum Vaccin Immunother*. 2012 May;8(5):639-44. doi: 10.4161/hv.19466. Epub 2012 May 1. PubMed PMID: 22634442. **FI: 1,940**

Vinyoles E, Rodríguez-Blanco T, de la Figuera M, Colomé JM, Tafalla M, Calbet N, Fernández-San Martín MI, García-Alonso J, Murillo C, Agudo J. Variability and concordance of Cornell and Sokolow-Lyon electrocardiographic criteria in hypertensive patients. *Blood Press*. 2012 Dec;21(6):352-9. doi:10.3109/08037051.2012.686180. Epub 2012 May 16. PubMed PMID: 22587668. **FI: 1,426**

Pacheco-Huergo V, Viladrich C, Pujol-Ribera E, Cabezas-Peña C, Núñez M, Roura-Olmeda P, Amado-Guirado E, Núñez E, Del Val JL; en representación del Grupo IPQ-R. [Perception in chronic illnesses: linguistic validation of the revised Illness Perception Questionnaire and the Brief Illness Perception Questionnaire for a Spanish population]. *Aten Primaria*. 2012 May;44(5):280-7. doi:10.1016/j.aprim.2010.11.022. Epub 2011 Sep 28. Spanish. PubMed PMID: 21955598. **FI: 0,627**

TOTAL FI: 15,322

Research area: Mental Health

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

PI: Costa Pinel, Bernardo. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Funding: European Commission. Duration: 2011 - 2015

PI: 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 - 2014

PI: 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 - 2012

Articles

Aragonès E, Salvador-Carulla L, López-Muntaner J, Ferrer M, Piñol JL. Registered prevalence of borderline personality disorder in primary care databases. *Gac Sanit*. 2013 Mar-Apr;27(2):171-4. doi:10.1016/j.gaceta.2011.12.006. Epub 2012 Mar 7. PubMed PMID: 22402239. **FI: 1,326**

Arija V, Martín N, Canela TM, Anguera C, Castelaio AI, García M, García A, Lucena C, Martínez T, Fernández S, Pedret MR, Badia W, Basora J. Nutrition education intervention for dependent patients: protocol of a randomized controlled trial. *BMC Public Health*. 2012;12:373. PMID:22625878. **FI: 1,997**

Clua-Espuny JL, Piñol-Moreso JL, Gil-Guillén FV, Orozco-Beltran D, Panisello-Tafalla A, Lucas-Noll J. The stroke care system in Terres de l'Ebre, Spain, after the implementation of the Stroke Code model: Ebrietus Study. *Med Clin (Barc)*. 2012 May 19;138(14):609-11. Epub 2011 Dec 6. PubMed PMID:22153783. **FI: 1,385**

Clua-Espuny JL, Piñol-Moreso JL, Gil-Guillén VF, Orozco-Beltrán D, Panisello-Tafalla A, Lucas-Noll J, Queralt-Tomás ML, Pla-Farnós R. Primary and secondary cardiovascular prevention results in patients with stroke: relapse risk and associated survival (Ebrictus study). *Rev Neurol*. 2012 Jan 16;54(2):81-92. Spanish. PubMed PMID: 22234566. **FI: 1,218**

Clua-Espuny JL, Piñol-Moreso JL, Panisello-Tafalla A, Lucas-Noll J, Gil-Guillén VF, Orozco-Beltrán D, Queralt-Tomás ML. Ebrictus study. Functional results, survival, and potential years of life lost after the first stroke. *Aten Primaria*. 2012;44(4):223-31. Epub 2011 Sep 28. PubMed PMID: 21959094. **FI: 0,627**

Costa B, Barrio F, Cabré J, Piñol J, Cos F, Bolívar B, Basora J, Castell C, Solà-Morales O, Salas J, Lindström J, Tuomilehto J; DE-PLAN-CAT Research Group. Delaying progression to type 2 diabetes among high-risk Spanish individuals is feasible in real-life primary healthcare settings using intensive lifestyle intervention. *Diabetologia*. 2012;55(5):1319-28. PMID:22322921. **FI: 6,814**

Aragonès E, Piñol JL, Caballero A, López-Cortacans G, Casaus P, Hernández JM, Badia W, Folch S. Effectiveness of a multi-component programme for managing depression in primary care: a cluster randomized trial. The INDI project. *J Affect Disord*. 2012 Dec 15;142(1-3):297-305. doi: 10.1016/j.jad.2012.05.020. Epub 2012 Oct 11. PubMed PMID: 23062747. **FI: 3,517**

TOTAL FI: 16,884

Research area: Mental Health

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, Maria Isabel

RESEARCHERS

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

Research projects

PI: 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 - 2014

PI: 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 - 2013

PI: 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 - 2012

PI: 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 - 2012

Articles

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TOTAL FI: 1,426

10. USR (Research Support Units)

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

Campo Osaba, Maria Antonia
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Gómez García, Ana Maria
Martin Cantera, Carlos
Orfila Pernas, Francesc
Puigdomenech Puig, Elisa
Real Gatiús, Jordi
Sánchez Fondevila, Jessica

Articles

García L, Recio J, Canales J, Cabreja A, Gómez A, Magdalena J, Guenaga N, Agudo C, Gómez M; EVIDENT Group. Comparison of two measuring instruments, B-pro and SphygmoCor system as reference, to evaluate central systolic blood pressure and radial augmentation index. *Hypertens Res.* 2012;35(6):617-623. PMID:22297480. **FI: 2,576**

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TOTAL FI: 18,887

Projects

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Diagnostic of TB infection in Children in Europe. Tuberculosis European Network. 2010-2012. PI: Altet N.

Factores asociados a infección por VIH en personas con gonococia y sífilis. FIPSE. 24646/07. 2011-2013. PI: Barberá MJ. Estudio de cohortes retrospectivo que estudia la incidencia de enfermedad cardiovascular de los pacientes con trastornos psíquicos y sus factores asociados. ICS - Institut Català de la Salut. 2012-2012. PI: Fàbregas M. Inv.Col: Alonso D, Alventosa M, Cuní M, Faenza V.

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. PI: Jiménez MÀ. Inv. Col: Altet N.

Prizes

Hèlios Pardell. XI Premi d'Investigació de la Societat Catalana d'Hipertensió Arterial. Evolution of Target Organ Damage by different values of self-blood pressure measurement in untreated hypertensive patients. Dalfó A, Coll G, Roca C, Rodriguez A, Franco P.

USR Catalunya central

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

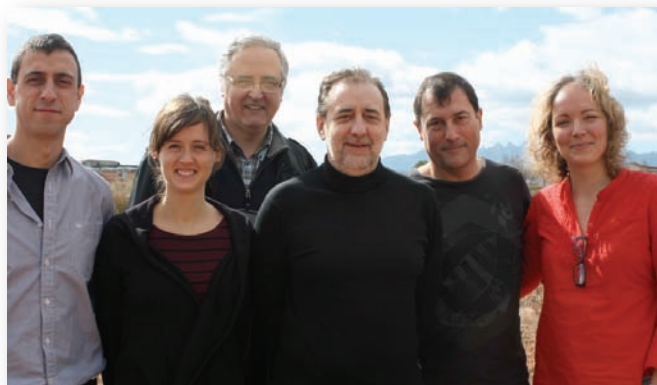
The mission is to provide the research groups, individual investigators and multidisciplinary teams of the Central Catalonia Primary Care Area with the support and means necessary to develop and participate in studies aimed to increase our knowledge and generate evidence to improve the management of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

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

Articles

Coll-de-Tuero G, Saez M, Roca-Saumell C, Rodriguez-Poncelas A, Franco P, Dalfó A, Calvó-Perxas L, Pose-Reino A, Bayó-Llibre J. Evolution of target organ damage by different values of self-blood pressure measurement in untreated hypertensive patients. *Am J Hypertens*. 2012 Dec;25(12):1256-63. doi: 10.1038/ajh.2012.126. Epub 2012 Aug 23. PubMed PMID: 22914254. **FI: 3,181**

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Masat T, Canal V. Ecografía abdominal: una herramienta diagnóstica al alcance de los médicos de familia. *Aten Primaria*. 2012;88:576-585. PMID:22018792. **FI: 0,627**

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Kail F, Molera J, Farjas J, Roura P, Secouard C, Roca i Cabarrocas P. Can the crystallization rate be independent from the crystallization enthalpy? The case of amorphous silicon. *J Phys Condens Matter.* 2012 Mar 7;24(9):095401. doi:10.1088/0953-8984/24/9/095401. Epub 2012 Feb 9. PubMed PMID: 22316607. **FI: 2,546**

TOTAL FI: 10,551

Projects

Evaluación Económica de tres estrategias de cribado poblacional de cáncer de cérvix en la comarca del Vallès Occidental: Estudio CRICERVA. Instituto de Salud Carlos III. PI10/01275. 2011-2013. PI: Acera A. Inv.Col: Bonet JM, Hidalgo P, Rodriguez A, Rodriguez D, Sánchez N, Soteras P.

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
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Garcia Gil, M^a del Mar
Martí Lluch, Ruth
Ponjoan Thans, Anna
Ramos Blanes, Josep M^a

Articles

Tovillas FJ, de la Figuera M, Dalfó A, Coll G. Document sobre hipertensió arterial i hipertròfia ventricular esquerra diagnosticada per. [Article revisió]. Butlletí de la CAMFIC. 2012;30:1-7.

Coll-de-Tuero G, Saez M, Roca-Saumell C, Rodríguez-Poncelas A, Franco P, Dalfó A, Calvó-Perxas L, Pose-Reino A, Bayó-Llibre J. Evolution of target organ damage by different values of self-blood pressure measurement in untreated hypertensive patients. Am J Hypertens. 2012 Dec;25(12):1256-63. doi: 10.1038/ajh.2012.126.Epub 2012 Aug 23. PubMed PMID: 22914254. **FI: 3,181**

Coll G. Review of the medication in polymedicated elderly patients. [Article Original]. Aten Primaria. 2012;44:461-2. PMID:22846344. **FI: 0,627**

TOTAL FI: 3,808

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. PI: Saura S. Inv.Col: Castellà I, García J, Jorquera V, Mascort C, Rodríguez MD, Vicens L.

Prizes

1er Premi Academia de Ciències Mèdiques. Cloenda de l'Acadèmia de Ciències Mèdiques. La gestió d'Infermeria en la contracepció d'emergència. Masoliver M, Perez S, Fornes J, Guardia MC.

Hèlios Pardell. XI Premi d'Investigació de la Societat Catalana d'Hipertensió Arterial. Evolution of Target Organ Damage by different values of self-blood pressure measurement in untreated hypertensive patients. Dalfó A, Coll G, Roca C, Rodríguez A, Franco P.

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 Prizeses. 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

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Marsal Mora, Josep Ramon
Real Gatus, Jordi

Articles

Ferreira-González I, Marsal JR, Ribera A, Permanyer-Miralda G, García-Del Blanco B, Martí G, Cascant P, Masotti-Centol M, Carrillo X, Mauri J, Batalla N, Larrousse E, Martín E, Serra A, Rumoroso JR, Ruiz-Salmerón R, de la Torre JM, Cequier A, Gómez-Hospital JA, Alfonso F, Martín-Yuste V, Sabatè M, García-Dorado D. Double antiplatelet therapy after drug-eluting stent implantation: risk associated with discontinuation within the first year. *J Am Coll Cardiol*. 2012;60(15):1333-1339. PMID:22999716. **FI: 14,156**

TOTAL FI: 14,156

Projects

ECOGRAFIES a l'Atenció Primària de Lleida/Pirineus. ICS - Institut Català de la Salut. 2012-2014. PI: Solanes M.
Estudi d'adherència a la dieta mediterrània de la població infantil d'una àrea de salut rural. ICS - Institut Català de la Salut. 2012-2013. PI: Juanós M. Inv.Col: Marsal JR, Molló M.
Estudio de valoración de la calidad de vida en pacientes con Cardiopatía Isquémica. ICS - Institut Català de la Salut. 2012-2013. PI: Yuguero O.

Prizes

1er Premi Acadèmia de Ciències Mèdiques. Cloenda de l'Acadèmia de Ciències Mèdiques. La gestió d'Infermeria en la contracepció d'emergència. Masoliver M, Perez S, Fornes J, Guardia MC.

Hèlios Pardell. XI Premi d'Investigació de la Societat Catalana d'Hipertensió Arterial. Evolution of Target Organ Damage by different values of self-blood pressure measurement in untreated hypertensive patients. Dalfó A, Coll G, Roca C, Rodriguez A, Franco P.

Thesis

Doctorand: Pérez J, Enrich B. Intoxicacions voluntàries ateses a urgències de l'hospital universitari Arnau de Vilanova de Lleida. Lleida: Facultat de Medicina, Universitat de Lleida. Data lectura: 01/12/2012.

Doctorand: Montserrat J. Efectividad de la vacunación antigripal para evitar el ingreso hospitalario por agudización de la enfermedad pulmonar obstructiva crónica. Lleida: Facultat de Medicina, Universitat de Lleida. Data lectura: 01/06/2012.

Doctorand: Miquel E. Disseny, elaboració i validació d'un qüestionari per la valoració de la maduresa del menor en relació a la presa de decisions sanitàries. Lleida: Facultat de Medicina, Universitat de Lleida. Data lectura: 11/06/2012.

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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Fernandez Najar, Beatriz
Manresa Domínguez, Josep Maria
Muñoz Ortiz, Laura
Navarro Juan, Carmen
Pera Blanco, Guillem
Puigfel Piquer, Yolanda
Rodriguez Gonzalez, Luis
Sorribes López, José
Urrea Vegas, Magali
Vargas Manzano, Francisca

Articles

- Marzo-Castillejo M, Nuin-Villanueva MA, Vela-Vallespín C. Recomendaciones en contra del cribado de cáncer de próstata con antígeno prostático específico. [Editorial]. *Aten Primaria*. 2012;44(7):377-378. PMID:22520080. **FI: 0,627**
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Thesis

Doctorand: Falguera G. Análisis del uso de la web Sexe Jove y evaluación de una estrategia de mejora de la consulta virtual basados en la formación complementaria de las enfermeras obstetricoginecologicas (matronas) que gestionan la web. Barcelona: Universitat de Barcelona, Universitat de Barcelona. Data lectura: 06/11/2012.

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
Salvadó Hernández, Cristina

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Thesis

Doctorand: López F. Determinantes del control Metabólico y de los Factores de Riesgo Cardiovascular en pacientes diabéticos tipo 2 en Atención Primaria. Sant Joan d'Alacant: Facultad de Medicina, Universidad Miguel Hernández. Data lectura: 18/06/2012.

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/reerca.html](http://primaria.icscampdetarragona.cat/www/webap/ca/universitat/reerca.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.

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Prizes

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USR Terres de l'Ebre

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Articles

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TOTAL FI: 1,385

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.

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Articles

Giner-Soriano M, Gómez-Ulloa A, Vila-Bundó A, Álvarez-Carrera A, Montañés-Muñoz F. Seguridad de los bifosfonatos en el tratamiento de la osteoporosis. [Article revisió]. *Farmacéuticos de Atención Primaria*. 2012;10(2):44-49.

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