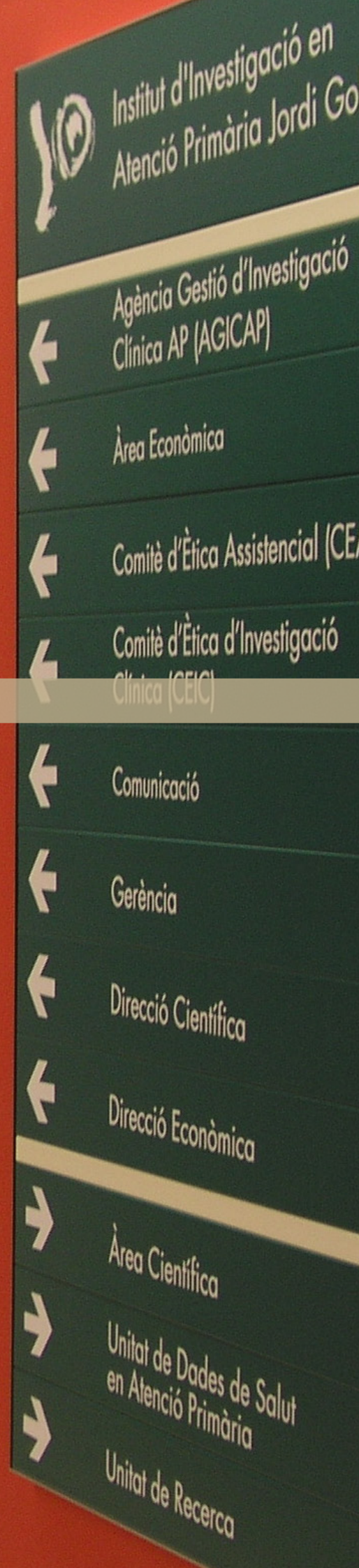


Annual Report 2010 / 2011





Generalitat de Catalunya
Departament de Salut



**Institut Català
de la Salut**

UAB

Universitat Autònoma
de Barcelona

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Presentation



The objective of the Institute for Research in Primary Care (IDIAP) is the creation of new knowledge and useful evidence for the promotion, development and management of research in primary health care, while also fostering training in research, the dissemination of its results and its application to the health services.

IDIAP Jordi Gol maintains a presence in all the territories of Catalonia through its eight Research Support Units.

Primary care is one of the principal axes of our health system and must therefore have a high level of protagonism when it comes to defining political and management priorities. This strategic affirmation necessarily carries over into the attention the public receives and the resources appropriate to this level of care, both in terms of technical quality and public satisfaction. All told, it requires a context of optimum effectiveness in the response to public needs and expectations. From this perspective research is an essential element.

We need highly motivated professionals for this to work, and we can only carry out our tasks and reach our goals if we are capable of giving an adequate response to needs and expectations in health care, teaching and research, in a context of social recognition and economic satisfaction. We must be sensitive to these issues and this must lead to the development of processes which facilitate and encourage institutions like IDIAP Jordi Gol which have as their principal mission to make research viable and to assist the academic development of the professionals in this axis of the system.

In the last two years we are beginning to notice an increase in scientific production, which indicates the effort being made in primary care to promote the generation of new knowledge and to create infrastructures to support researchers. We need to point out the considerable increase during 2010 and 2011 in the number of publications, projects and theses. The impact factor has increased by 23,7%, and 25,6% respectively in 2010 and 2011, even though the overall number of articles is less than the year before. This shows us that we are increasingly publishing in journals with higher impact factors.

Finally I would like to point out that since its creation in 1995 IDIAP Jordi Gol has demonstrated the power of its activities as a driving force for primary-health-care research in Catalonia and in the rest of the Spanish state. As fruit of its labours, now, fifteen years after its foundation, the IDIAP has gained accreditation as the University Institute for Primary-Care Research Jordi Gol, which will allow the transmission of the knowledge produced to future researchers.

Joaquim Casanovas Lax

General Manager Institut Català de la Salut

President of the Board



Since its creation in 1995, the Jordi Gol Foundation, now the Institute for Primary-Care Research (IDIAP) Jordi Gol, has followed a positive trajectory marked by the qualitative and quantitative expansion of its activities and fields of projection. As President of the Board from the institution's beginnings until 2010, I have been a privileged witness to this progress, which has been the result, first of all, of the enthusiastic work and high quality of its managers and staff, and essentially, of the contributions made by all the professionals in primary health care, both in the creation and development of its research projects and through their participation in the various committees and organisms of the institution.

The development of research programs requires an organisational innovation which affects researchers, support personnel and the definition of the infrastructures necessary for the carrying out of research and training. It is for this reason that in 2009 IDIAP designed a Strategic Plan for 2009-2012, in accordance with the research policies of the government of the Generalitat, and taking into account a new territorial framework in order to become a centre for research in Primary Health Care with a first-rate reputation not only in Catalonia, but nationally and internationally.

The results presented in this report are the fruit of the strategies developed up to now (promotion of groups and development of research areas, consolidation of support units for research into primary health care, the fostering of new units and platforms, the promotion of funding, the training, the establishment of a guide for good research practice, etc. All of this has facilitated and guaranteed the co-ordinated work of the researchers, the scientific and technical quality of the projects and the results obtained, and compliance with the essential ethical rules that must be applied to all research activities.

In recent years the principal priorities of IDIAP Jordi Gol have been aimed primarily at its institutional consolidation and integration in two aspects: on one hand, and through the signing of the corresponding agreement, with the research strategy designed by the Health Department itself, and on the other, with the universities. I think that both these objectives have been satisfactorily achieved and that they must constitute two essential elements of the institution's development in all of the areas of its activity.

To conclude these few introductory comments, and by way of my farewell as President of the Board, I think I must again express my deep and sincere gratitude for the excellent work carried out by the people who through these years have participated, in different ways, in the day to day functioning of the institution. My thanks go to all of them, along with my best wishes for a brilliant future, personally and professionally.

Amando Martín Zurro

President of the Board 1995-2010

Annual report 2010/2011



Primary health care is characterized by its being accessible, longitudinal, person-centered, comprehensive and coordinated. The combination of these characteristics (features) produces significant health benefits. Research in primary health care is essential because its main function is to serve as a support for decision making in this area of care, however, the scientific evidence necessary and appropriate for the practice and management in the context of primary health care is usually not available.

This year, we would like to present the scientific results of the IDIAP research groups: They demonstrate the work done by the groups not only in terms of scientific results, but also their involvement in transfer activities both in establishing guidelines for clinical practice and in the impact their objectives have on people's health.

From the 2010 annual report it is also important to mention two significant milestones: the accreditation as a University Research Institute of the Autonomous University of Barcelona, and the creation of the Information System for the Development of Research in Primary Care (SIDIAP), a database created from the electronic primary-care medical records and born from the collaboration between the Catalan Health Institute (ICS) and IDIAP Jordi Gol.

With respect to the scientific activity we would like to point out that the number of projects in which IDIAP participates is 161 in 2011. As for new projects, their number has increased from 27 in 2010 to 44 in 2011. With regard to the number of scientific papers, 257 have been published with an average impact factor of 1.84%. This increase reflects the great effort made by the researchers to publish in international journals.

The most important goal in 2011 has been the achievement of the UNE-EN ISO 9001:2008.

The revenue from IDIAP's activities totalled 4.7 million euros, and came from competitive calls, clinical trials sponsored by industry and agreements with the Government of Catalonia and its agencies.

The IDIAP has closed the year with a balanced result (a profit of 24 thousand euros).

In terms of assets IDIAP has equity of almost 1.3 million euros and grants and other income granted but not accrued amount to a further 7.3 million euros.

These data lead us to view the future with optimism because the researchers, professionals and the management of the IDIAP are working to remain a leading research institution in Primary Health Care in Spain and internationally.

Concepció Violan Fors

Chief Director

Institut universitari d'Investigació en Atenció Primària IDIAP Jordi Gol

1. Strategy: Definition

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.

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

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

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

2.4 To improve the capabilities of IDIAP Jordi Gol researchers

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

2.5 To increase the number of research partnerships and collaborations

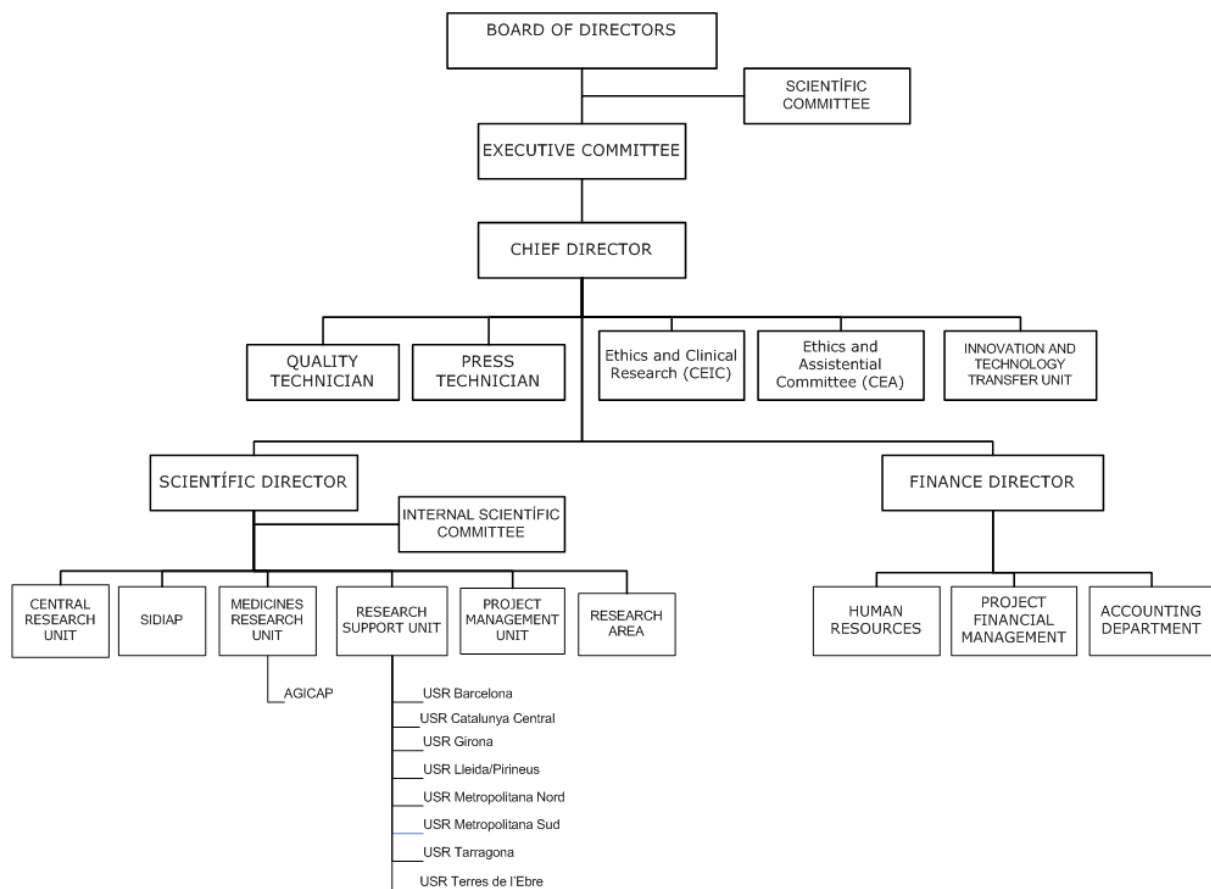
- a. To encourage cooperation with health organisations in other care areas, the Catalan Health Research Institutes and the public entities of the Generalitat for the development of joint research projects.
- b. To encourage cooperation with other Spanish, European and international research institutions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

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

Obtain the ISO 9001:2008 certification.

3. Organisation and Structure

3.1 Organisation Chart



Board of Directors

Boi Ruiz i Garcia
Isabel Freixa Janáriz

Honorary President
Honorary Vicepresident

President:

Joaquim Casanovas Lax

Institut Català de la Salut

Josep Basora
Jaume Benavent
Joan Comella
Ramon Cunillera
Josep Davins
Carme Esteve
Manel Ferran
Dolors Forés
Assumpció González
Roc Josa
Manel López
Montserrat Martínez
Ricard Pujol
Mercè Salvat
Jaume Sellarés

Institut Català de la Salut
Institut Català de la Salut
Institut de Recerca - Hospital Universitari Vall d'Hebron
Consorti de Salut i Social de Catalunya
Departament de Salut
Servei Català de la Salut
Institut Català de la Salut
CAMFiC, Societat Catalana de Medicina Familiar i Comunitària
Departament de Salut
Institut Català de la Salut
Universitat Autònoma de Barcelona
Institut Català de la Salut
Institut Català de la Salut
Associació Catalana Infermeria
Unió Catalana d'Hospitals

Executive Committee

President:

Jaume Benavent

Institut Català de la Salut

Josep Davins
Manuel López Béjar
Ricard Pujol
Montserrat Martínez

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

Management:

Concepció Violan Fors
cviolan@idiapjgol.org



Scientific Direction:

Bonaventura Bolíbar 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).

3.3.3.1 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 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.

3.5 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.

3.6 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.

3.7 Committees

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

Ester Busquets
M. Antònia Camps
Margarita Currubí
Montse Eroles
Eva Peguero
M. Carmen Prieto
Carles Roca
Rafa Rodríguez
Mariola Sánchez
Anna Vidal
Concepció Violan
Silvia Zamora

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.

Objectives

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:

- 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

Carles Albaladejo
Ester Amado Guirado
Sebastià Calero Muñoz
Margarita Currubí Casanovas
Toni Guerrero Guerrero
Josep Jiménez Villa
Pau Moreno Nogué
Rosa Morros Pedrós
M. Alba Prat Casanovas
Enriqueta Pujol Ribera
Gemma Rodríguez
Jordi Seuba Díaz
Maria Jose Torregrosa Bertet
Elisa Vidal

SCIENTIFIC COMMITTEE

The Scientific Committee is IDIAP Jordi Gol's advisory organ for the direction of its strategy lines and working. It also assists in the evaluation of IDIAP's various calls and the evaluation of projects, acting as a Research Committee in FIS calls. Its president is Bonaventura Bolívar.

Members Scientific Committee

Carina Aguilar
Enric Aragonés
Josep Basora
Bonaventura Bolívar
Bernardo Costa
Inés Cruz
Joan Deniel
Carlos Martín
Miguel Ángel Muñoz
Francesc Orfila
Enriqueta Pujol
Rafael Ramos
Mar Rodríguez
Pere Simonet
Pere Torán

3.8 *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.

3.9 *Quality Technician*

The quality specialist is responsible for the quality policies within the IDIAP's management system to guarantee:

- Compliance with the agreements established with clients and compliance with current regulations.
- Appropriate allocation of available funds.
- The input of the whole workforce in the Quality Management System through training and communication.
- The promotion of team work to improve working relationships and efficiency.
- The sustained improvement of work procedures and services.
- The update of quality objectives.
- The adequate planning of the quality system management.

UNE-EN ISO 9001:2008

The quality management policy of the IDIAP audited in June 2011 was recognised by the quality management system certification UNE-EN ISO 9001:2008.

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).

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 - PREDIMED): One researcher from IDIAP Jordi Gol participates in a research group.

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

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

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 co-ordinated 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.

STRUCTURE AND MEMBERS

Rosa Morros, *director and co-ordinator*.

Helena Pera, *clinical trial monitoring*.

Tània Miralles, *financial and administrative management*.

Oleguer Plana, *statistics*.

PROJECTS

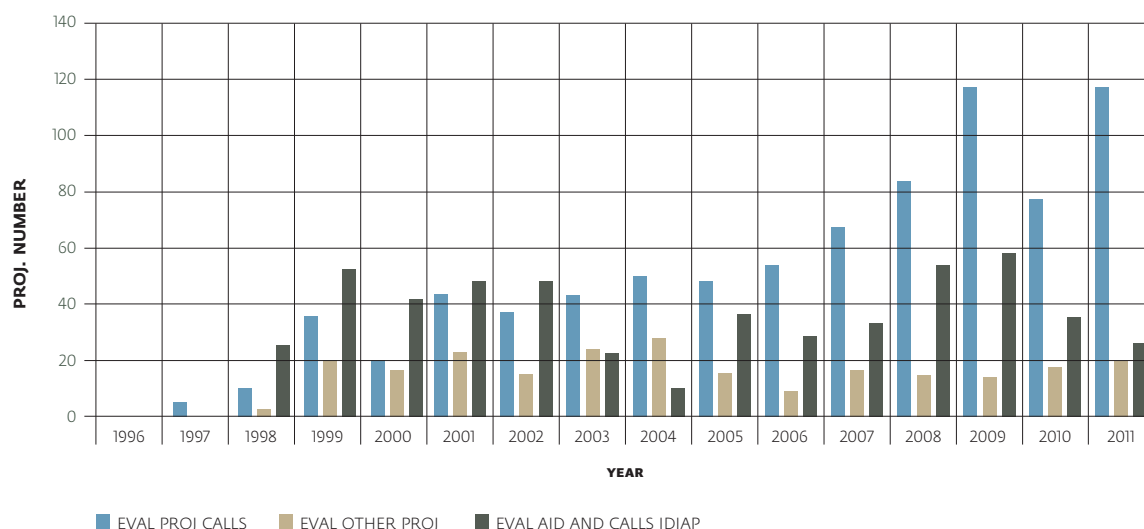
1. Effectiveness of anti-inflammatoxy treatment versus antibiotherapy and placebo in patients with acute bronchitis not complicated by purulent expectoration.
2. Effectiveness and tolerance of the external application of potassium hydroxide (10% and 15%) in the treatment of contagious molluscum.
3. Evaluation 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. 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 2010

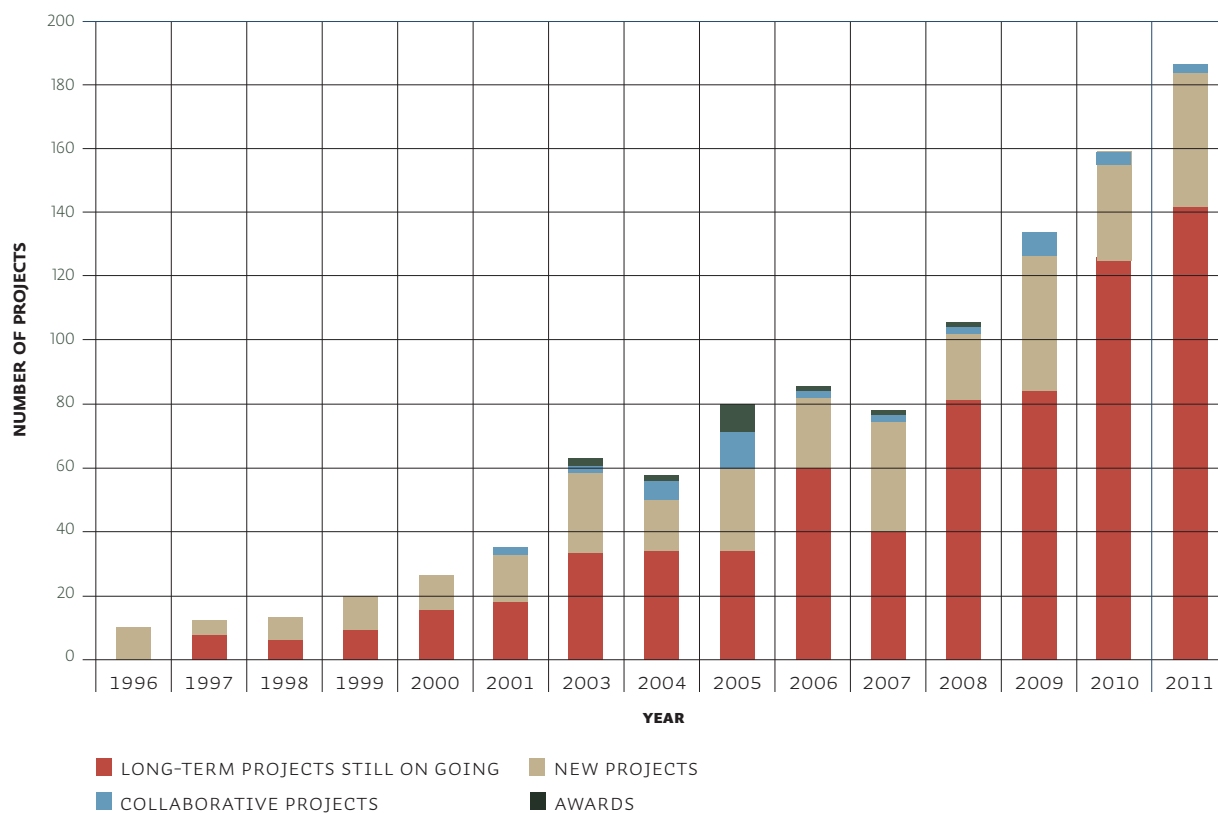
CALL	NUMBER OF PROJECTS PRESENTED	NUMBER OF PROJECTS FINANCED
FIS Carlos III	18	4
Ministerio de Sanidad y Política Social	9	7
Other calls		
- AECC	1	0
- Marató de TV3	2	0
- Fundació Agrupació Mútua	2	0
- COIB	5	2
- Esteve	1	0
- Caja Cantabria	1	0
- Fipse	1	1
- Fundació Mapfre	2	0
- Col·legi de Fisioterapeutes de Catalunya	1	1
- Fundació Prevent	1	0
- REAP	9	0
- La Caixa	2	0
- Fundación Mutua Madrileña	1	1
- SEFAP	2	0
- Lifelong learning programme (Leonardo)	1	0
- FP7-HEALTH-2010	3	1

YEAR 2011

CALL	NUMBER OF PROJECTS PRESENTED	NUMBER OF PROJECTS FINANCED
FIS Carlos III	37	12
Ministerio de Sanidad, Igualdad y Política Social	18	6
Other calls		
- Acadèmia Ciències Mèdiques Maresme	2	2
- COIB	7	5
- CAMFiC	17	1
- Col·legi Fisioterapeutes de Catalunya	1	1
- Fundació Merck-Serono	1	0
- Fundació Mapfre	3	1
- Mutual Médica	1	0
- Fundació Mutuam Conviure	1	1
- REAP	3	0
- Premi Regió Sanitària Barcelona	14	2
- Fundación Mutua Madrileña	1	0
- SEIOMM	1	1
- SEPAR	2	0
- Beca Joaquim Bonal	1	0
- Instituto de la Mujer	1	0
- IMSERSO	3	0
- FP7-HEALTH-2011	1	1
- Ambient Assisted Living Joint Programme	1	0
- Merck Serono	1	0

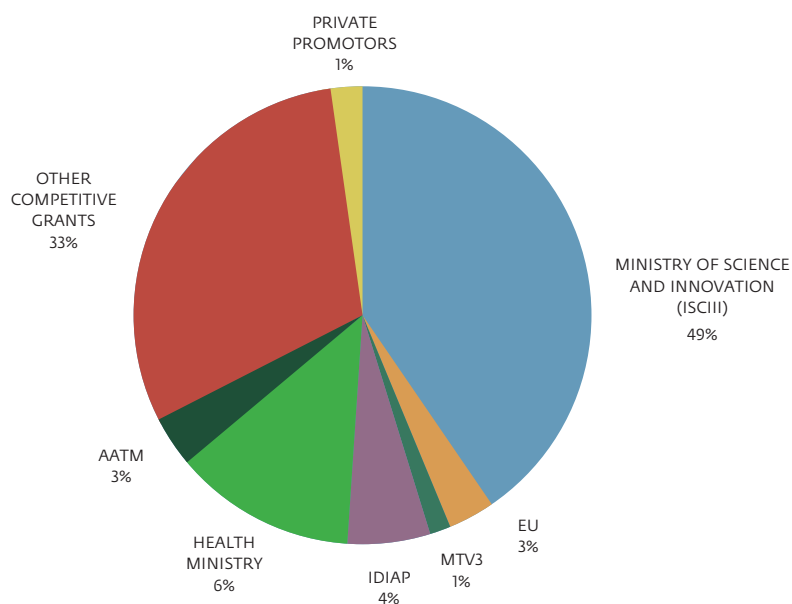
5.1.3 ACTIVE PROJECTS

IDIAP had 190 active projects in 2011, 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.



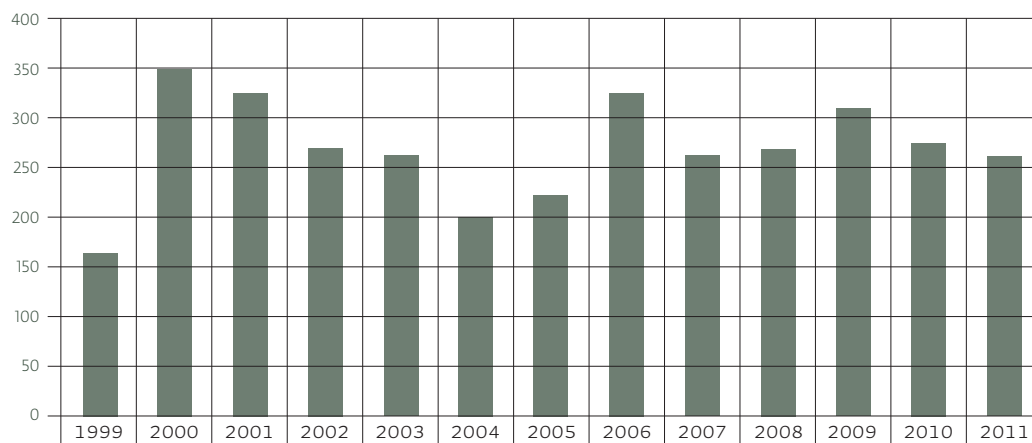
5.1.4 SOURCE OF PROJECT FUNDING

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 e Investigació Mèdica, pharmaceutical companies, la Marató de TV3 and various European institutions.



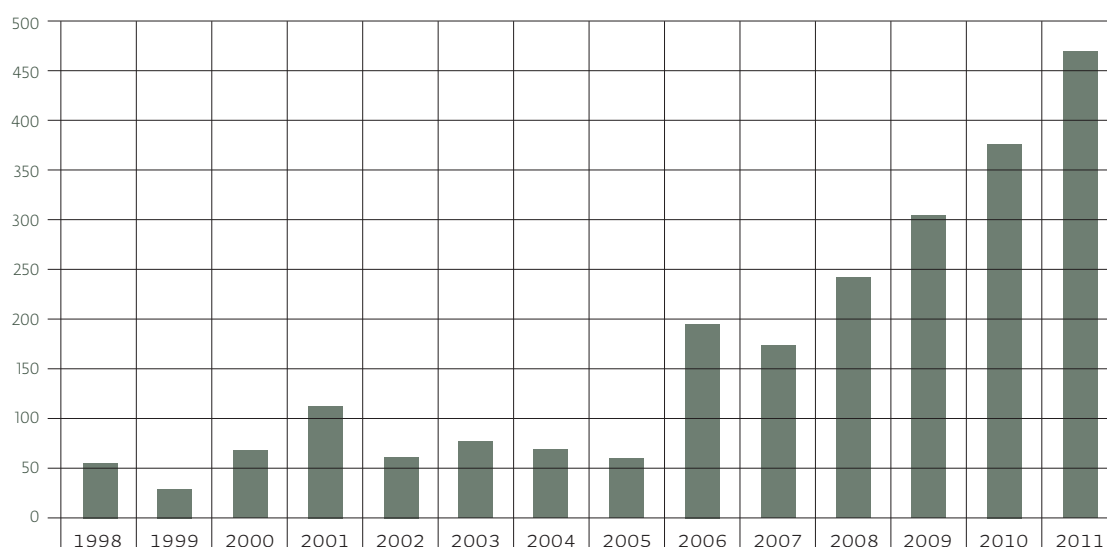
5.2 Articles

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



5.2.1 IMPACT FACTOR

In the last few years, and especially in 2011, 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.



5.2.2 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 2010

TOTAL: 138 ARTICLES

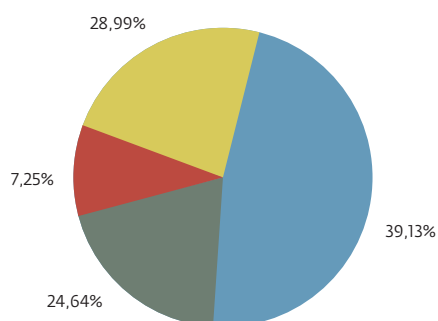
Q1: 40 ARTICLES

Q2: 54 ARTICLES

Q3: 34 ARTICLES

Q4: 10 ARTICLES

Q1
Q2
Q3
Q4



YEAR 2011

TOTAL: 167 ARTICLES

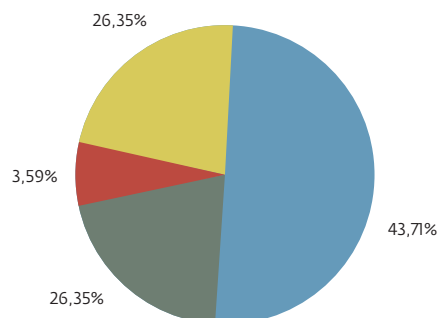
Q1: 44 ARTICLES

Q2: 73 ARTICLES

Q3: 44 ARTICLES

Q4: 6 ARTICLES

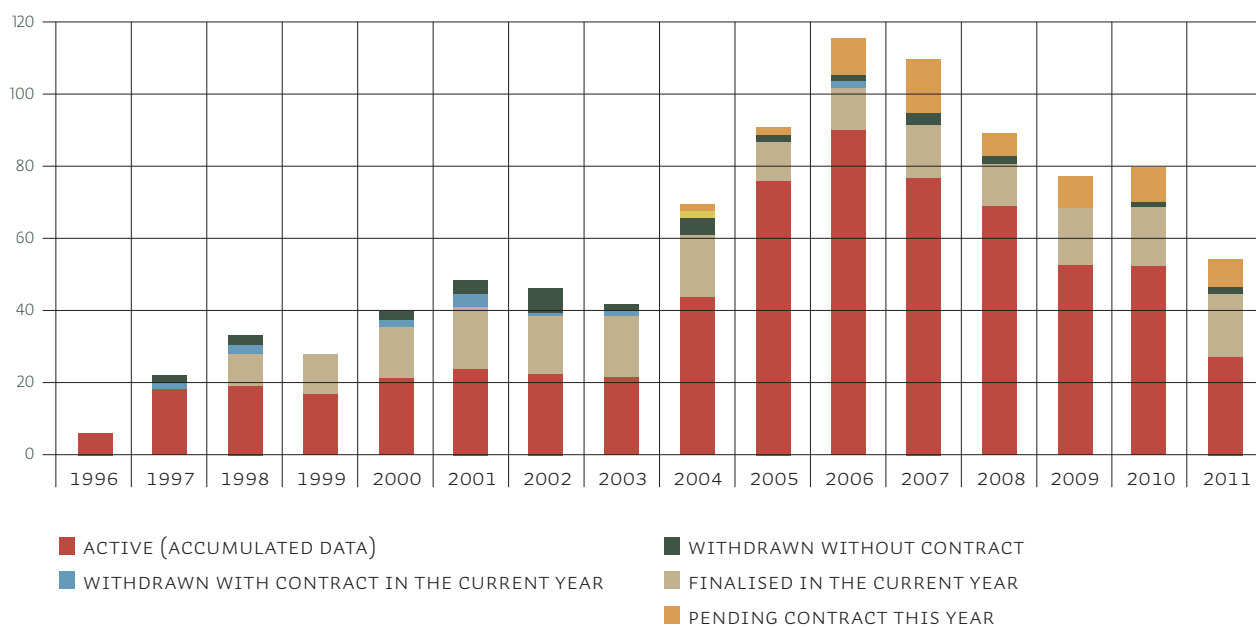
Q1
Q2
Q3
Q4



5.3 AGICAP

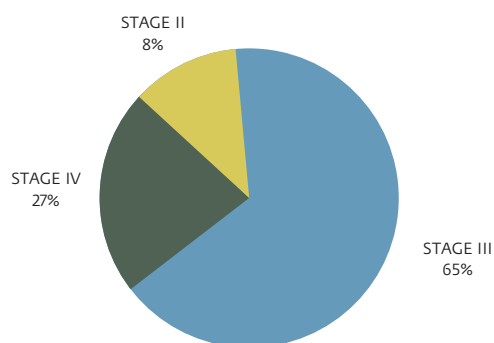
5.3.1 AGICAP EVOLUTION

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 the IDIAP Jordi Gol

During the period 2009-2010 IDIAP, in conjunction with the Catalan Health Institute (ICS) has offered the following financial assistance:

FUNDING 2010	
Predoctoral Scholarships	5
Predoctoral Scholarships – Reduction of Care Time	2
Care Time Reduction Strategies	5
Projects funded	1
Stays abroad	0
Stays in other research centres	0
Translation of articles	3
FUNDING 2011	
Predoctoral Scholarships – Reduction of Care Time	13
Projects funded	9
Research strategies promotion	5
Stays in other research centres	1
Translation of articles	7
Emerging and Consolidated research groups	4

5.5 Research groups certified by the IDIAP Jordi Gol or an external agency

GROUP	IP	USR	CERTIFIED BY	START
Research in Primary Health Services in Catalonia. GRENSSAP	Bonaventura Bolívar	IDIAP Jordi Gol	RETICS AGAUR	2003
Tuberculosis	Neus Altet	Barcelona	Rediapp	2006
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 Peñarubia	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	Rafael Azagra	Metropolitana Nord	IDIAP Jordi Gol	2010
Diseases in Primary Care Research Group.GROIMAP				
ARTPER study group	M. Teresa Alzamora	Metropolitana Nord	IDIAP Jordi Gol	2010
Life Style	Carlos Martín	Barcelona	IDIAP Jordi Gol	2010
Hepatic Diseases in Primary Care Research Group. GRemHAP	Llorenç Caballeria	Metropolitana Nord	IDIAP Jordi Gol	2010
Grup de Recerca en Respiratori Vallès Oriental	Lydia Roig	Metropolitana Nord	IDIAP Jordi Gol	2010
Community Nutrition and Health. NUSCO	Victoria Arijá	Tarragona-Reus	IDIAP Jordi Gol	2010
Respiratory System Pathology in Primary Care Study Group (GEPAR-AP)	Francisco Martín	Tarragona-Reus	IDIAP Jordi Gol	2010
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
Cancer-REAP	Diana Puente	IDIAP Jordi Gol	IDIAP Jordi Gol	2011

In 2011 there were 22 accredited groups.

6. Training

6.1 IDIAP has done the following year 2010 courses

YEAR 2010

NAME OF COURSE	EDITIONS	STUDENTS	HOURS	LOCATION
Design of research projects	1	24	38	USR Barcelona
Bibliographic research	1	20	5	USR Barcelona
Critical reading of articles	1	20	5	USR Barcelona
Basic qualitative research	1	20	12	USR Barcelona
Advanced qualitative research	1	16	20	USR Barcelona
Scientific writing	1	10	4	USR Barcelona
Statistics level 1	1	15	8	USR Barcelona
Statistic level 1 (research groups)	1	10	8	USR Barcelona
Management of Bibliographic Data Reference Manager	1	12	4	USR Barcelona
Web 2.0	1	20	5	USR Barcelona
Reference Manager workshop	1	12	4	USR Barcelona
Basic Research project design	1	20	20	USR Lleida
Poster making course (basic)	1	20	10	USR Lleida
Poster making course (advance)	1	20	10	USR Lleida
Introduction to Research module for post-graduate	1	15	20	USR Lleida
Systematic Review and Meta-analysis	1	20	18	USR Metropolitana Sud
Bibliography management with Reference Manager program	1	10	8	USR Metropolitana Sud
Drafting of protocols for scientific projects for external public calls	1	20	4	USR Metropolitana Sud
Research ethics	1	25	8	USR Metropolitana Sud
Qualitative research – basic level	1	20	20	USR Metropolitana Sud
Qualitative health research and evaluation of health services	1	20	20	USR Metropolitana Sud
Oriental leadership	1	10	8	USR Metropolitana Sud
Persuasion skills	1	10	8	USR Metropolitana Sud
Web 2.0	1	15	12	USR Metropolitana Sud
English for research – intermediate level	1	10	40	USR Metropolitana Sud
English for research – advanced level	1	10	40	USR Metropolitana Sud
Research project design for social workers	1	20	40	USR Metropolitana Sud
Introduction to the preparation and presentation of scientific communications	1	20	10	USR Metropolitana Sud
How to present an application in a competitive call for research	4	25	5	USR Metropolitana Nord
Introduction to research in Primary Care	4	24	25	USR Metropolitana Nord
Research project design	4	26	50	USR Metropolitana Nord
Basic statistics for doing and understanding research	2	20	18	USR Metropolitana Nord
Introductory workshop for the STATA statistics package	1	10	8	USR Metropolitana Nord
Introductory workshop for survival analysis	1	10	12	USR Metropolitana Nord
Practical guide for writing scientific articles	1	25	3	USR Metropolitana Nord
Application of portable doppler to Primary care: utility of the wrist-arm index	2	22	6	USR Metropolitana Nord
Symposium-workshop: predictive value of silent peripheral arteriopathy in relation to cardiovascular morbimortality: cohort study (ARTPER)	2	35	6	USR Metropolitana Nord
Workshop on rapid diagnostic techniques for respiratory infections	1	20	4	USR Metropolitana Nord

YEAR 2010

NAME OF COURSE	EDITIONS	STUDENTS	HOURS	LOCATION
Introduction to research methodology	1	20	20	USR Catalunya Central
Research methods I. Preparing a research project	1	20	100	USR Terres de l'Ebre
Research methods II. Statistical analysis and communication of research project results	1	20	100	USR Terres de l'Ebre
Advanced cohort study	1	19	30	USR Tarragona
How to conduct a research project in odontology	1	18	20	USR Tarragona
How to do a research project	1	23	16	USR Tarragona
Instruments for bibliographical research in health sciences	1	8	8	USR Tarragona
Designing healthcare research. How to write a study protocol	2	18	20	USR Girona
Scientific writing: scientific communications, project grants and articles	2	18	20	USR Girona
ACCESS: how to create a health database	2	18	20	USR Girona
Bibliographical search. Use of a digital library.	2	18	20	USR Girona
Critical appraisal of scientific literature				
SPSS: processing and statistical analysis of health data	2	18	20	USR Girona
Epidemiology: hypothesis, sampling and sample size	1	33	20	USR Girona
Scientific writing workshop	1	36	4	USR Girona
Moodle: Clinical Trials	1	23	20	USR Girona
Moodle: Introduction	1	20	20	USR Girona
Course in advance health care directives in primary care	1	25	4	UCR
AGICAP	2	60	20	UCR
Course in advanced cohort studies	2	60	30	UCR
Postgraduate course in quality	1	60	150	UCR

YEAR 2011

NAME OF COURSE	EDITIONS	STUDENTS	HOURS	LOCATION
Scientific writing	1	18	4	USR Barcelona
Design of Research Projects, 5th Edition	1	25	28	USR Barcelona
Advanced Qualitative Research	1	16	20	USR Barcelona
Basic Qualitative Research	1	20	12	USR Barcelona
Scientific writing for supervisors	1	20	4	USR Barcelona
Sexual and Reproductive Healthcare Research	1	10	12	USR Barcelona
Introduction to Primary Care Research	1	20	20	USR Lleida
Research Applications of Databases	1	20	20	USR Lleida
How to design a scientific poster	1	20	8	USR Lleida
Introduction to Research for General Practitioners	1	12	20	USR Lleida
Research Studies: Statistical Analysis	1	15	4	USR Metropolitana Sud
Applying for external funding: writing research grant applications	1	10	4	USR Metropolitana Sud
Statistics for laboratory specialists	1	15	4	USR Metropolitana Sud
Clinical Reasoning workshop	1	14	8	USR Metropolitana Sud
Providing solutions to clinical problems				
GRADE workshop	1	15	8	USR Metropolitana Sud
Microsoft Excel 2007	1	9	20	USR Metropolitana Sud
Scientific Methodology for the PCD Costa de Ponent Teaching Unit Family and Community Medicine Trainees Academic Year 2010-2011 1st Edition	1	20	18	USR Metropolitana Sud
Scientific Methodology for the PCD Costa de Ponent Teaching Unit Family and Community Medicine Trainees Academic Year 2010-2011 2nd Edition				
I Research Meeting for the PCD Costa de Ponent Teaching Unit Family and Community Medicine Trainees	1	60	4	USR Metropolitana Sud
Scientific Methodology for the PCD Costa de Ponent Teaching Unit Family and Community Medicine Trainees Academic Year 2011-2012 1st Edition	1	26	18	USR Metropolitana Sud
Scientific Methodology for the PCD Costa de Ponent Teaching Unit Family and Community Medicine Trainees Academic Year 2011-2012 2nd Edition				

YEAR 2011

NAME OF COURSE	EDITIONS	STUDENTS	HOURS	LOCATION
Persuasion skills workshop	1	11	8	USR Metropolitana Sud
Evidence and disagreement in cancer prevention	2	40	8	USR Metropolitana Sud
English for Research – advanced	1	5	40	USR Metropolitana Sud
English for Research – intermediate	1	5	40	USR Metropolitana Sud
Implementation of Research Methods in Nursing	1	15	20	USR Metropolitana Sud
Introduction to Research	1	37	12	USR Metropolitana Sud
Teaching and Assessment Methodology	1	11	20	USR Metropolitana Sud
Introduction to Research in Primary Care	5	21	25	USR Metropolitana Nord
Design of Research Projects	5	25	50	USR Metropolitana Nord
Research for health management professionals	1	20	12	USR Metropolitana Nord
Applied research for health management professionals	1	15	12	USR Metropolitana Nord
Sample size calculation: practical session	1	20	12	USR Metropolitana Nord
Basic statistics for clinical research	2	20	18	USR Metropolitana Nord
Scientific writing	2	12	20	USR Metropolitana Nord
Research Methodology for Health Managers: Introduction	3	48	60	USR Catalunya Central
Research Methodology for Health Professionals: Introduction	3	48	60	USR Catalunya Central
Research methodology: Data analysis I	1	18	20	USR Catalunya Central
Data analysis II. Semi-distance course	1	16	20	USR Catalunya Central
Research methods I: Designing a research project	1	20	100	USR Terres de l'Ebre
Research methods II: Designing a research project	1	20	100	USR Terres de l'Ebre
Design and use of questionnaires in primary care: Introduction	1	15	20	USR Tarragona
Bibliographical Search in Health Sciences	2	37	20	USR Tarragona
How to develop a research project	1	19	16	USR Tarragona
Research in Health Sciences: Introduction	1	48	20	USR Tarragona
Designing healthcare research.	2	18	20	USR Girona
How to write a study protocol				
Scientific writing: scientific communications, project grants and articles	2	18	20	USR Girona
ACCESS: how to create a clinical database	2	18	20	USR Girona
Bibliographical search. Use of a digital library.	2	18	20	USR Girona
Critical appraisal of scientific literature				
SPSS: processing and statistical analysis of health data	2	18	20	USR Girona
How to write a scientific article workshop	1	36	4	USR Girona
Moodle: Health and Quality of Life Improvement	1	36	20	USR Girona
Moodle: Clinical Trials	1	23	20	USR Girona
Moodle: Introduction	1	20	4	USR Girona
Introduction to Research	1	10	6	USR Girona
Bioethics in Primary Care	1	25	6	UCR
Critical appraisal of scientific literature for nurses	2	50	80	UCR
AGICAP	1	41	20	UCR
Basic course of evidence-based practice	8	40	16	UCR
Scientific evaluation of internationally competitive grant proposals workshop	1	20	4	UCR
Mindfulness applied to medical practice, a seminar for physicians, nurses, social workers and psychologists	2	50	200	UCR
Motivational interview and pharmacological treatment	3	45	21	UCR

6.2 Researchers in 2010-2011 doing a doctoral thesis with funding from IDIAP Jordi Gol and the ICS

1	Pascual Solanas Saura	Quality of life, ischemic heart disease and cardiovascular risk in a Mediterranean population
2	Javier Funes Artiaga	Diabetes and work. Analysis of the influence of disease control and work conditions on work absenteeism among diabetics
3	Pere Torán Monserrat	Utility of reactive protein C determination in capillary blood in the diagnosis and management of lower respiratory tract infections and community-acquired pneumonia
4	Ferran Flor Serra	Impact of different clinical management strategies in the improvement of the control of ischemic cardiovascular disease in primary care
5	Eladio Fernández Liz	Identification of the influence of age and gender on the consumption of medicines: instrument for advancement in the evaluation of prescription and in the improvement of quality. Epidemiological study of the consumption of medicines in the population treated by the Catalan Health Institute
6	M ^a Belén Benito Badorrey	Analysis of the dynamics of carbohydrate metabolism
7	M. Mar Rodríguez Álvarez	Spirometry in Primary Care. Role in the reduction of the tobacco habit
8	Valeria Pacheco Huergo	Cross-cultural adaptation of an illness perception questionnaire (IPQ-R Illness Perception Questionnaire Revised)
9	Manuel Pérez Bauer	Validation of the adaptation of a food-consumption-frequency questionnaire for the Spanish population (VALFRECO study)
10	Arantxa Jara Ruiz de Gaona	Effect of a Mediterranean-diet type intervention on body composition and bone metabolism in patients with high cardiovascular risk
11	Isabel Rosich Martí	Influence of medicines' safety warnings on the prescription of medicines in the ambit of primary health care
12	Olga Salvadó Juncosa	Osteopenia in asymptomatic children diagnosed with idiopathic hypercalciuria
13	Francisco Barrio Torrell	Diabetes in Europe, prevention through lifestyle intervention, physical activity and nutrition (DE-PLAN CATALUNYA)
14	Carina Aguilar Martín	Impact on cardiovascular health of the implementation of the Clinical Management contract in the province of Tarragona
15	Cinta de Diego Cabanes	Effectiveness of anti-flu vaccine and winter mortality in patients over 65 with chronic pathology
16	Betlem Salvador González	Abdominal aortic aneurysms in the general population. Prevalence and risk factors associated with its presentation
17	Judit Saumell Boronat	Metabolic syndrome: relation with cardiovascular risk measured on various scales, in a ten-year projection
18	Ana Moragas Moreno	Effectiveness of antibiotherapy in the worsening of non-acute chronic obstructive pulmonary disease
19	Elisabeth Salsench Serrano	Effectiveness of the antipneumococcal vaccine in the prevention of pneumococcal pathology in people over 50
20	Antonia Caballero Alías	Evaluation of an optimised program for dealing with depression in primary health care: controlled trial randomised by clusters
21	M. Antònia Auladell i Llorens	Prevalence and factors associated with the presence of non-alcoholic hepatic steatosis in the general population
22	Mar Domingo	Remote management of patients with cardiac insufficiency. Evaluation of the effectiveness of telemedicine (telemedicina) in Catalonia: CARME study ("Catalan Remote Management Evaluation")
23	Flora López Simarro	Determinants of metabolic control and cardiovascular risk factors diabetic patients

24	Josep M. Hernández Anguera	Cross-cultural adaptation and validation of the Diabetes Attitude Scale (DAS-3) into the Spanish vernacular. Comparative study of cross-cultural differences
25	Yolanda Ortega	Role of anxiety, depression, quality of life and stressful life events on metabolic syndrome
26	Empar Valdivieso López	Effectiveness of a community school-integrated program to reduce the incidence of smoking among ESO students. Study of the effects of tobacco on anthropometric development
27	Eva Peguero	The values of the ICS Code of Ethics: a quali-quantitative study of the opinions, attitudes and practices of workers in primary health care
28	Xavier Cos Claramunt	Profile of risk factors and effect of a lifestyle intervention in subjects with a high risk of diabetes in the European DE-PLAN study
29	Javier Tovillas	Left ventricle hypertrophy and prediction of cardiovascular hypertension risk
30	Malú de Souza	Utility of in vitro techniques based on the detection of Interferon-gamma for the diagnosis of tubercular infection. Clinical applicability
31	Miquel Quesada	Peripheral arteriopathy. Prevalence, associated factors and cardiovascular risk
32	Cristina Rey	Study of the perception of the smoking habit among school children: community intervention trial
33	Ramon Sagarra	Analysis of cost effectiveness of a program for the prevention of type 2 diabetes in primary health care in Catalonia (PREvenció de Diabetis i Cost-Efectivitat, estudi PREDICE)
34	Lourdes Franco	Acculturation stress, social network and depression in the immigrant population of the Segarra
35	M. Àngels Pons	Clinical and economic impact derived from the use of informatic self-audit tools in primary health care
36	Anna Ruiz	Relation between physical exercise and peripheral arteriopathy. Epidemiological and populational study from the ARTPER cohort
37	M. Jesús Megido	How grandchildren of Alzheimer's patients experience their grandparents' disease. Contributions of community nurses

6.3 Researchers who have read their doctoral thesis

Valeria Pacheco Huergo	Transcultural adaptation of an Illness Perception Questionnaire (IPQ-R Revised Illness Perception Questionnaire)
Ana Moragas	Effectiveness of antimicrobial therapy in the exacerbations of non-severe chronic obstructive pulmonary disease
Mar Domingo	Remote management of patients with heart failure. Evaluation of the effectiveness of telemedicine in Catalonia: Study CARME "Catalan Remote Management Evaluation"
M. Antònia Auladell	Prevalence and risk factors associated with non-alcoholic fatty liver disease in the general population
Javier Tovillas	Left ventricular hypertrophy and prediction of cardiovascular risk in the hypertensive population

7. Communication

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 2010 twenty-one press releases have been issued and there have been more than 100 impacts in the communications media. In 2011 fourteen press releases have been issued and more than 100 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	2011	2010
A) FIXED ASSETS	900.676,25 €	1.015.547,60 €
I. Intangible assets	469.493,92 €	550.837,79 €
1. Software	18.133,69 €	17.412,20 €
2. Usage Rights	451.360,23 €	533.425,59 €
II. Tangible assets	431.182,33 €	464.709,81 €
1. Machinery and Facilities	320.224,07 €	378.454,83 €
2. Furniture and hardware	87.580,14 €	71.448,20 €
3. Other tangible assets	23.378,12 €	14.806,78 €
B) CURRENT ASSETS	8.855.691,74 €	8.652.508,66 €
I. Inventory	67.863,09 €	161.956,50 €
II. Accounts Receivable	3.324.800,93 €	2.239.254,30 €
1. Other Debtors	3.170.193,31 €	2.107.841,49 €
2. Personnel	- €	1.750,00 €
3. Tax & Government debt	154.607,62 €	129.662,81 €
III. Short term financial investments	5.080.000,00 €	4.559.910,80 €
1. Securities	5.080.000,00 €	4.559.910,80 €
IV. Cash and equivalent liquid assets	383.027,72 €	1.691.387,06 €
1. Cash	383.027,72 €	1.691.387,06 €
TOTAL (A+B)	9.756.367,99 €	9.668.056,26 €

Equity and Liabilities

ASSETS	2011	2010
A) EQUITY	2.002.822,61 €	2.046.222,68 €
A-1). Equity	1.377.622,46 €	1.313.533,63 €
I. Founders equity	30.050,61 €	30.050,61 €
1. Founders equity	30.050,61 €	30.050,61 €
II. Retained Earnings	1.292.079,56 €	923.810,68 €
1. Retained Earnings	1.292.079,56 €	923.810,68 €
III. Net Income (loss) for the year	55.492,29 €	359.672,34 €
A-2). Grants, donations and other deferred revenue	625.200,15 €	732.689,05 €
1. Capital Grants	625.200,15 €	732.689,05 €
B) OTHER GRANTS AND DONATIONS	7.029.144,13 €	6.643.631,76 €
C) NON CURRENT LIABILITIES	7.029.144,13 €	6.643.631,76 €
IV. Accounts Payable	724.401,25 €	978.201,82 €
1. Other Creditors	495.284,68 €	736.938,62 €
2. Personnel (accrued compensation)	42.588,80 €	39.519,00 €
3. Tax and other Curren liabilities to Government	186.527,77 €	201.744,20 €
TOTAL (A+B+C)	9.756.367,99 €	9.668.056,26 €

INCOME STATEMENT	2011	2010
1) Operating Revenue	3.789.633,14 €	4.752.136,93 €
a) Sales of goods and services	931.098,00 €	1.889.045,65 €
b) Other periodical revenue	299.041,81 €	513.981,42 €
c) Grants received	2.525.534,49 €	1.911.832,45 €
d) Other Grants and donations	110.078,63 €	504.784,24 €
e) Grants and donations reimbursed	-76.119,79 €	-67.506,83 €
2) Grants Awarded And Othwer Expenses	-54.208,58 €	-47.927,82 €
a) Grants Awarded	-54.208,58 €	-147.927,82 €
3) Purchases	-91.434,65 €	-234.028,53 €
a) Consumption of goods and inventory write down	-43.656,13 €	-80.099,08 €
b) Subcontracting	-47.778,52 €	-153.929,45 €
4) Personnel Expenses	-1.847.380,11 €	-1.592.845,38 €
5) Other Operating Expenses	-1.862.884,33 €	-2.474.241,87 €
a) Services	-1.849.698,51 €	-2.438.314,55 €
A1) Rentals	-13.151,11 €	-16.835,11 €
A2) Maintenance	-40.687,93 €	-78.561,97 €
A3) Professional Fees	-1.184.268,99 €	-1.789.686,52 €
A4) Insurance premiums	-12.994,57 €	-12.275,90 €
A5) Bank fees	-444,12 €	-730,74 €
A6) Supplies	-5.741,24 €	-9.946,27 €
A7) Other services	-592.410,55 €	-530.278,04 €
b) Tributs	6.423,98 €	-506,50 €
c) Other operating accruals	-19.609,80 €	-35.420,82 €
6) Depreciation	-186.922,19 €	-194.378,95 €
7) Long term Grants and Donations accrued	107.488,91 €	116.627,34 €
8) Other results	-459,00 €	0,38 €
I. Operating income	-146.166,81 €	225.342,10 €
9) Financial venueue	201.772,22 €	135.274,10 €
10) Financial expense	-72,41 €	-922,85 €
11) Exchange rate differences	-40,71 €	-21,01 €
II. FINANCIAl INCOME	201.659,10 €	134.330,24 €
III. INCOME BEFORE TAXES	55.492,29 €	359.672,34 €
IV. NET INCOME	55.492,29 €	359.672,34 €

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:

M^a Teresa Alzamora Sas

RESEARCHERS:



Jose Miguel Baena Diez
Rosa Forés Raurell
Magdalena Bundo Vidiella
Antoni Heras Tébar
Amparo Sancho Perpiñan
Marta Sorribes Capdevila
Pere Torán Monserrat
Maria Viózquez Meya
M^a Dolores Reina Rodríguez
Judit Llussà Arboix
Jordi Milozzi Berrocal
Marisa Vicheto Capdevila
Guillem Pera Blanco
Anna Ruíz Comellas
Jordi Ingla Mas
Begoña López Rodriguez
Meritxell Vila Soler
Carles Albadalejo Blanco
Judit Alegre Basagaña

Research projects 2010

IP: Maria Antònia Auladell Llorens. *Adecuación y calidad de las ecografías abdominales solicitadas por los profesionales de Atención Primaria*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Lydia Fumadó Rubio. *Efectividad de la enfermera d'enllaç en la continuïtat assistencial*. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2011

IP: Margarida Roset Salla. *La intervenció educativa grupal en alimentació saludable a parels de nens d'una any d'edat ajuda a proporcionar a aquests nens hàbits alimentaris més saludables?*. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2012

IP: Margarita Sotelo Gonzalez. *La intervenció educativa grupal en alimentació saludable a parels de nens d'un any d'edat ajuda a proporcionar a aquests nens hàbits alimentaris més saludables?*. Entitat Finançadora: Fundació Acadèmia de les Ciències Mèdiques. Durada: 2010 - 2010

IP: Pere Torán Monserrat. *Grau de distrés, somatitzacions i creences sobre salut i malaltia en pacients immigrants a les consultes d'Atenció Primària del Maresme*. Entitat Finançadora: Fundació Acadèmia de les Ciències Mèdiques. Durada: 2010 - 2010

IP: Eulàlia Borrell Thió. *Incidencia y factores de riesgo de exacerbaciones en pacientes con enfermedad pulmonar obstructiva crónica*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

IP: M^a Teresa Alzamora Sas. *Valor predictivo de la arteriopatía periférica silente en relación a la morbilidad cardiovascular: estudio de cohortes (ARTPER)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

IP: Rosa Morros Pedrós. *Efectividad de los inhibidores del eje renina-angiotensina en pacientes con diabetes mellitus tipo 2 e hipertensión arterial en Catalunya. Estudio de cohortes IERACAT*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2012

IP: Llorenç Caballeria Rovira. *Estudio de los factores de riesgo asociados a la presencia de esteatosis hepática no alcohólica en atención primaria. Un estudio de casos y controles*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

IP: M^a Teresa Alzamora Sas. *Prevalença de l'arteriopatia perifèrica i valor predictiu de les seves formes silents en relació a la morbi-mortalitat cardiovascular: Estudi multicèntric poblacional*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2007 - 2010

Research projects 2011

IP: Magali Urrea Vegas. *Utilitat dels diagnòstics d'infermeria per determinar el grau d'adherència terapèutica en els pacients crònics d'atenció primària*. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2011 - 2013

IP: Magali Urrea Vegas. *Utilitat dels diagnòstics d'infermeria per determinar el grau d'adherència terapèutica en els pacients crònics d'atenció primària*. Entitat Finançadora: Fundació Acadèmia de les Ciències Mèdiques. Durada: 2011 - 2012

IP: Carolina Guiriguet Capdevila. *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*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2011 - 2013

IP: Cristina Vedia Urgell. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores*. Estudio PNEUMOCORT. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Jose Miguel Baena Diez. *Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Esther Pastor Ramon. *Medicación inhalada en pacientes de edad avanzada, efectividad en relación a la fragilidad y deterioro cognitivo: Estudio INOLD*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Pere Torán Monserrat. *Grau de distrés, 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*. Entitat Finançadora: Departament de Salut. Durada: 2011 - 2012

IP: Pilar Montero Alía. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Entitat Finançadora: IDIAP Jordi Gol. Durada: 2011 - 2012

IP: Pilar Montero Alía. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Entitat Finançadora: Fundació Acadèmia de les Ciències Mèdiques. Durada: 2011 - 2012

IP: Maria Antònia Auladell Llorens. *Adecuación y calidad de las ecografías abdominales solicitadas por los profesionales de Atención Primaria*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Lydia Fumadó Rubio. *Efectivitat de la infermera d'enllaç en la continuïtat assistencial*. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2011

IP: Margarida Roset Salla. *La intervenció educativa grupal en alimentació saludable a parels de nens d'un any d'edat ajuda a proporcionar a aquests nens hàbits alimentaris més saludables?*. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2012

IP: Rosa Morros Pedrós. *Efectividad de los inhibidores del eje renina-angiotensina en pacientes con diabetes mellitus tipo 2 e hipertensión arterial en Catalunya. Estudio de cohortes IERACAT*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2012

Articles 2010

Caballería L, Pera G, Auladell MA, Torán P, Muñoz L, Miranda D, Alumà A, Casas JD, Sánchez MC, Gil D, Aubà J, Tibau A, Canut S, Bernad J, Aizpurua MM. Prevalence and factors associated with the presence of nonalcoholic fatty liver disease in an adult population in Spain. *Eur J Gastroen Hepat*. 2010;22(1):24-32. PMID:19730384. **FI: 1.598**

Kaplan A, Fernandez M, Moreno J, Castany J, Ruíz M, Muñoz L, Monguí-Avila E, Torán P. Female genital mutilation: perceptions of healthcare professionals and the perspective of the migrant families. *BMC Public Health*. 2010;10:193. PMID:20388216. **FI: 2.364**

Bundo M, Urrea M, Pérez MC, Muñoz L, Llussà J, Forés R. És possible la determinació de l'índex turmell-braç sense utilitzar mercuri? Resultats preliminars. *Butlletí de la Societat Catalana de Medicina Familiar i Comunitària*. 2010;28(2). Alzamora M, Forés R, Baena J, Pera G, Torán P, Sorribes M, Vicheto M, Reina M, Sancho A, Albaladejo C, Llussà J, PERART/ARTPER study group. The peripheral arterial disease study (PERART/ARTPER): prevalence and risk factors in the general population. *BMC Public Health*. 2010;10:38. PMID:20529387. **FI: 2.364**

Bundo M, Muñoz L, Pérez M, Montero J, Montellà N, Torán P, Pera G. Asymptomatic peripheral arterial disease in type 2 diabetes patients: a 10-year follow-up study of the utility of the ankle brachial index as a prognostic marker of cardiovascular disease. *Ann Vasc Surg*. 2010;24(8):985-993. PMID:2103569. **FI: 1.332**

Marrugat J, Sala J, Ramos R, Baena JM, Elosua R. Cardiovascular prevention: current progress and the long road to travel. *Rev Esp Cardiol*. 2010;63(2):49-54. PMID:20540900. **FI: 2.157**

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Auladell M, Caballería L, Pera G, Rodríguez L, Casas J, Aznar J, Miranda MD, Sánchez MC, Negrete A, Castellví JM, Bernad J, Canut S, Aubà J, Aizpurua MM, Torán P. Adequacy and quality of abdominal echographies requested by primary care professionals. *BMC Gastroenterol*. 2010;10:101. PMID:20815930. **FI: 2.468**

Miralbell J, Soriano JJ, López-Cancio E, Arenillas JF, Dorado L, Barrios M, Cáceres C, Alzamora MT, Torán P, Pera G, Dávalos A, Mataró M. Factores de riesgo vascular y rendimiento cognitivo en personas de 50 a 65 años. *Neurología*. 2010;25(7):422-429. PMID:20964988. **FI: 0.589**

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Almirall J, Torán P. Técnicas de diagnóstico rápido para la infección respiratoria. *Medicina respiratoria*. 2010;3(1):23-30.

Alzamora MT, Forés R. ¿Es fiable el Índice tobillo-brazo como marcador de riesgo cardiovascular? *Form Med Cont Atenc Prim*. 2010;17(10):716-717.

Prieto G, Torres MT, Francés L, Falguera G, Vila L, Manresa JM, Casamitjana R, Barrada JR, Acera A, Guix D, Torrent AM, Grau J, Torán P; the IODEGEST study group. Nutritional status of iodine in pregnant women in Catalonia (Spain): study on hygiene-dietetic habits and iodine in urine. *BMC Pregnancy Childbirth*. 2010;8:11-17. PMID:21385426.

Ezquerria Lezcano M, Bundo Vidiella M, Descarrega Queralt R, Martín Zurro A, Fores García D, Fornells Vallès JM. Formative evaluation: experience of the Catalan family and community medicine teaching units. *Aten Primaria*. 2010;42(4):233-240. PMID:19836108. **FI: 0.619**

Baena JM, Vidal M, Gómez C, Byram AO, Ledesma G, González I, Vasquez J, Subirana I, Schröder H. Obesity is an independent risk factor for heart failure: Zona Franca Cohort study. *Clin Cardiol*. 2010;33(12):760-764. PMID:21184560. **FI: 1.807**

Baena JM, Vidal M, Byram AO, González I, Ledesma G, Martí N. The epidemiology of cardiovascular disease in primary care. the Zona Franca Cohort study in Barcelona, Spain. *Rev Esp Cardiol*. 2010;63(11):1261-1269. PMID:21070722. **FI: 2.157**

FI TOTAL: 26.009

Articles 2011

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Ramos R, Baena-Díez JM, Quesada M, Solanas P, Subirana I, Sala J, Alzamora M, Forés R, Masiá R, Elosua R, Grau M, Cerdón F, Pera G, Rigo F, Martí R, Ponjoan A, Cerezo C, Brugada R, Marrugat J. Derivation and validation of REASON: a risk score identifying candidates to screen for peripheral arterial disease using ankle brachial index. [Artículo original]. *Atherosclerosis*. 2011;214(2):474-9. PMID:21167488. **FI: 4.086**

Grau M, Elosua R, Cabrera de León A, Guembe MJ, Baena-Díez JM, Vega Alonso T, Javier Félix F, Zorrilla B, Rigo F, Lapetra J, Gavrila D, Segura A, Sanz H, Fernández-Bergés D, Fitó M, Marrugat J. Cardiovascular Risk Factors in Spain in the First Decade of the 21st Century, a Pooled Analysis With Individual Data From 11 Population-Based Studies: the DARIOS Study. [Artículo original]. *Rev Esp Cardiol*. 2011;64(4):295-304. PMID:21397375. **FI: 2.157**

Solsona G, Albaladejo C. Apendagitis epiploica primària. [Cas clínic]. *Butlletí de la Societat Catalana de Medicina Familiar i Comunitària*. 2011; 29(1):2.

Marrugat J, Baena JM, Ramos R, Elosua R, Sala J, Grau M, Subirana I, Fitó M. Relative validity of the 10-year cardiovascular risk estimate in a population cohort of the REGICOR study. [Article original]. *Rev Esp Cardiol*. 2011;64(5):385-394. PMID:21482004. **FI: 2.157**

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Benítez-Arciniega AA, Mendez MA, Baena-Díez JM, Rovira Martori MA, Soler C, Marrugat J, Covas MI, Sanz H, Llopis A, Schröder H. Concurrent and construct validity of Mediterranean diet scores as assessed by an FFQ. [Article original]. *Public Health Nutr*. 2011; 14(11):1-7. PMID:21740628. **FI: 2.075**

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Baena J, Alzamora M, Forés R, Pera G, Torán P, Sorribes M. Ankle-brachial index improves the classification of cardiovascular risk:PERART/ARTPER Study. [Article original]. *Rev Esp Cardiol*. 2011;64(3):186-192. PMID:21330032. **FI: 2.157**

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Rodríguez MD, Torán P, Muñoz L, Negrete A, Montero JJ, Jiménez M^a, Zurilla E, Marina MV, Ollé M, Valentin E, Cortada A, Tena A, Martínez S, Vilà MV, Ramos A, Rotllant G, Forcada C, Borrell E. Effectiveness of regular reporting of spirometric results combined with a smoking cessation advice by a primary care physician on smoking quit rate in adult smokers: a randomized controlled trial. ESPIROTAB study. [Article original]. BMC Fam Pract. 2011;12:61. PMID:21708047. **FI: 1.467**

Azagra R, Roca G, Encabo G, Prieto D, Aguyé A, Zwart M, Güell S, Puchol N, Gené E, Casado E, Sancho P, Solà S, Torán P, Iglesias M, Sabaté V, Lopez F, Ortiz S, Fernandez Y, Díez A. Prediction of absolute risk of fragility fracture at 10 years in a Spanish population: validation of the WHO FRAX ? tool in Spain. [Protocol i Aspectes Metodològics]. BMC Musculoskelet Disord. 2011;12:30. PMID:21272372. **FI: 1.941**

Puig N, Lladó MM, Seco MC, Gómez A, Medina M, Riera R, Pera G. Evaluación de una intervención educativa grupal en el control de pacientes con riesgo cardiovascular. [Article original]. Enferm Clin. 2011;21(5):238-247. PMID:21723176.

Domingo M, Lupón J, González RB, Crespo E, López R, Ramos A, Urrutia A, Pera G, Verdú J, Bayes-Genis A. Non-invasive remote telemonitoring for ambulatory patients with heart failure: effect on number of hospitalizations, days in hospital, and quality of life. CARME (Catalan Remote Management Evaluation) study. [Article original]. Rev Esp Cardiol. 2011;64(4):277-285. PMID:21411210. **FI: 2.157**

Acera A, Rodriguez A, Trapero-Bertran M, Soteras P, Sánchez N, Bonet JM, Manresa JM, Hidalgo P, Torán P, Prieto G. Economic evaluation of three populational screening strategies for cervical cancer in the county of Valles Occidental: CRICERVA clinical trial. [Article original]. BMC Health Serv Res. 2011;11:278. PMID:22011387. **FI: 1.721**

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FI TOTAL: 34.139

Prizes 2010

Premi a la millor publicació en revista científica. European Journal of Gastroenterology & Hepatology. Prevalence and factors associated with the presence of nonalcoholic fatty liver disease in an adult population in Spain. Cabañer L, Pera G, Auladell M, Torán P, Muñoz L, Miranda M, Alomà A, Casas J, Sánchez MC, Gil D, Aubà J, Tibau A, Canut S, Bernad J, Aizpurua M.

Accèssit del 6è Premi de Recerca en Atenció Primària 2010. Regió Sanitària de Barcelona. 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. Torán P, Cebrià J, Arnau J, Segura J, Massons J, Barreiro M, Limón E, Montero JJ, Pérez C, Pera G, Muñoz L, Palma C, Gerard S, Corbella S.

Miilor treball de Recerca. Jornades de Residents de Barcelona. Exposició a la contaminació ambiental i risc de malaltia cardiovascular. Estudi ARPER. Alzamora MT, Forés R, Pera G.

Thesis 2010

Doctorand: Alzamora M. Prevalença de l'arteriopatia perifèrica valor predictiu de les seves formes silents en relació a la morbi-mortalitat cardiovascular. Universitat Autònoma de Barcelona: Facultat de Medicina, Universitat Autònoma de Barcelona. Data lectura: 26/10/2010.

Research area: Cancer

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:

Diana Puente Baliarda



RESEARCHERS:

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

Research projects 2010

IP: Maria Merce Marzo Castillejo. *Pacientes con rectorragia: Evaluación del valor discriminante de la información clínica en el diagnóstico del cáncer colorrectal.* Entitat Financadora: Instituto de Salud Carlos III. Durada: 2009 - 2011

IP: Bonaventura Bolívar Ribas. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance.* Entitat Financadora: European Commission. Durada: 2009 - 2012

Research projects 2011

IP: Manel Segarra Valls. *Estudi de l'adequació de colonoscòpies: de l'atenció primària a l'hospital*. Entitat Finançadora: Departament de Salut. Durada: 2011 - 2012

IP: Maria Merce Marzo Castillejo. *Pacientes con rectorragia: Evaluación del valor discriminante de la información clínica en el diagnóstico del cáncer colorrectal*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2011

IP: Bonaventura Bolívar Ribas. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Entitat Finançadora: European Commission. Durada: 2009 - 2012

Articles 2010

Ramos M, Esteve M, Almeda J, Cabeza E, Puente D, Saladich R, Boada A, Llagostera M. Knowledge and attitudes of primary health care physicians and nurses with regard to populations screening for colorectal cancer in Balearic Islands and Barcelona. *BMC Cancer*. 2010;10(1):500. PMID:20854679. **FI: 3.153**

FI TOTAL: 3.153

Articles 2011

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Puente D, Cabezas C, Rodríguez-Blanco T, Fernández-Alonso C, Cebrian T, Torrecilla M, Clemente L, Martín C; the ISTAPS study group investigators. The role of gender in a smoking cessation intervention: a cluster randomized clinical trial. [Article original]. *BMC Public Health*. 2011;11(1):369. PMID:21605389. **FI: 2.364**

Llor C, Moragas A, Bayona C, Morros R, Pera H, Cots J, Fernández Y, Miravittles M, Boada A. Effectiveness of anti-inflammatory treatment versus antibiotic therapy and placebo for patients with non-complicated acute bronchitis with purulent sputum. The BAAP Study protocol. [Article original]. *BMC Pulm Med*. 2011;11(1):38. PMID:21693045.

Cabezas C, Advani M, Puente D, Rodríguez-Blanco T, Martín C; ISTAPS Study Group. Effectiveness of a stepped primary care smoking cessation intervention: cluster randomized clinical trial (ISTAPS study). [Article original]. *Addiction*. 2011;106(9):1696-1706. PMID:21561497. **FI: 4.145**

Ramos M, Llagostera M, Esteve M, Cabeza E, Cantero X, Segarra M, Martín-Rabadan M, Artigues G, Torrent M, Taltavull JM, Vanrell JM, Marzo MM, Llobera J. Knowledge and attitudes of primary healthcare patients regarding population-based screening for colorectal cancer. [Article original]. *BMC Cancer*. 2011;11(1):408. PMID:21942990. **FI: 3.153**

Romero A, Martró E, González V, Matas L, AERI Study group. Comparison of two serological tests for the identification of recent HIV infection: Vironostika HIV-1 Microelisa and BED capture enzyme immunoassay. [Article original]. *Enferm Infecc Microbiol Clin*. 2011;29(7):553-555. PMID:21501904. **FI: 1.656**

Romero A, Sued O, Puig T, Esteve A, Pumarola T, Casabona J, González V, Matas L, Tural C, Rodrigo I, Margall N, Domingo P, Casanova A, Ferrer E, Caballero E, Ribera E, Farré J, Puig T, Amengual MJ, Navarro G, Prat JM, Masabeu A, Simó JM, Villaverde CA, Barrufet P, Sauca MC, Ortín X, Ortí A, Navarro R, Euras JM, Vilaró J, Villà MC, Montull S, Vilanova C, Pujol F, Díaz O, Miró JM; AERI study Group. Prevalence of transmitted antiretroviral resistance and distribution of HIV-1 subtypes among patients with recent infection in Catalonia (Spain) between 2003 and 2005. [Article original]. *Enferm Infecc Microbiol Clin*. 2011;29(7):482-489. PMID:21543135. **FI: 1.656**

FI TOTAL: 14.088

Prizes

6è Premi de Recerca en AP de la Regió Sanitària Barcelona. Estudi d'adequació de les colonoscòpies: de l'atenció primària a l'hospital. Segarra M, Puente D, Marzo MM, Llagostera M, Pineiro P, Saladich R, Cantero X, Nieto R, Boada A.

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:

Josep Franch



RESEARCHERS:

Xavier Mundet Tudurí
Francesc Xavier Cos Claramunt
Irene Ruiz Tamayo
Jose Miguel Baena Díez
José Manuel Mata Cases

Research projects 2011

IP: Cristina Vedia Urgell. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT.* Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Jose Miguel Baena Díez. *Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso.* Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Eduardo Diogène Fadini. *Estudio de las condiciones de uso de los nuevos fármacos antidiabéticos y de la adecuación de su prescripción a las recomendaciones de una guía de práctica clínica a partir de la información de la historia clínica informatizada de atención primaria del Institut Català de la Salut.* Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Jaume Morató Griera. *Implantació d'un programa d'educació grupal per immigrants diabètics de la regió de l'Indostan.* Entitat Finançadora: Fundació Acadèmia de les Ciències Mèdiques. Durada: 2011 - 2012

- IP:** Bernardo Costa Pinel. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Entitat Finançadora: European Commission. Durada: 2011 - 2015
- IP:** Eva Comin Bertran. *Impacte de la implementació de guies de pràctica clínica electròniques sobre patologia cardiovascular en Atenció Primària*. Entitat Finançadora: Agència d'Informació, Avaluació i Qualitat en Salut (AIAQS). Durada: 2010 - 2012
- IP:** Bernardo Costa Pinel. *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)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** Bernardo Costa Pinel. *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)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011
- IP:** Juan José Cabré Vila. *Anàlisi cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut a Catalunya (PREDICE)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2012
- IP:** Francesc Xavier Cos Claramunt. *Perfil de factores de riesgo y efecto de una intervención sobre el estilo de vida en sujetos con riesgo elevado de Diabetes en el estudio Europeo DE-PLAN*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2009 - 2011

Articles 2011

- Ramos R, Baena-Díez JM, Quesada M, Solanas P, Subirana I, Sala J, Alzamora M, Forés R, Masiá R, Elosua R, Grau M, Cerdón F, Pera G, Rigo F, Martí R, Ponjoan A, Cerezo C, Brugada R, Marrugat J. Derivation and validation of REASON: a risk score identifying candidates to screen for peripheral arterial disease using ankle brachial index. [Artículo original]. *Atherosclerosis*. 2011;214(2):474-9. PMID:21167488. **FI: 4.086**
- Grau M, Elosua R, Cabrera de León A, Guembe MJ, Baena-Díez JM, Vega Alonso T, Javier Félix F, Zorrilla B, Rigo F, Lapetra J, Gavrila D, Segura A, Sanz H, Fernández-Bergés D, Fitó M, Marrugat J. Cardiovascular Risk Factors in Spain in the First Decade of the 21st Century, a Pooled Analysis With Individual Data From 11 Population-Based Studies: the DARIOS Study. [Artículo original]. *Rev Esp Cardiol*. 2011;64(4):295-304. PMID:21397375. **FI: 2.157**
- Marrugat J, Baena JM, Ramos R, Elosua R, Sala J, Grau M, Subirana I, Fitó M. Relative validity of the 10-year cardiovascular risk estimate in a population cohort of the REGICOR study. [Article original]. *Rev Esp Cardiol*. 2011;64(5):385-394. PMID:21482004. **FI: 2.157**
- Costa B, Cabre JJ, Sagarra R, Sola-Morales O, Barrio F, Pinol JL, Cos X, Bolibar B, Castell C, Kissimova-Skarbek K, Tuomilehto J; The DE-PLAN-CAT/PREDICE Research group. Rationale and design of the PREDICE project: Cost-Effectiveness of Type 2 diabetes prevention among high-risk Spanish individuals following lifestyle intervention in real-life primary care setting. [Article original]. *BMC Public Health*. 2011;11(1):623. PMID:21831332. **FI: 2.364**
- Costa B, Barrio F, Cabré JJ, Piñol JL, Cos FX, Solé C, Bolibar B, Castell C, Lindström J, Barengo N, Tuomilehto J; DE-PLAN-CAT Research Group. Shifting from glucose diagnostic criteria to the new HbA(1c) criteria would have a profound impact on prevalence of diabetes among a high-risk Spanish population. *Diabet Med*. 2011 Oct;28(10):1234-7. doi: 10.1111/j.1464-5491.2011.03304.x. PubMed PMID: 21429007. **FI: 3.036**
- Benítez-Arciniegua AA, Mendez MA, Baena-Díez JM, Rovira Martori MA, Soler C, Marrugat J, Covas MI, Sanz H, Llopis A, Schröder H. Concurrent and construct validity of Mediterranean diet scores as assessed by an FFQ. [Article original]. *Public Health Nutr*. 2011; 14(11):1-7. PMID:21740628. **FI: 2.075**
- Baena JM, Alzamora MT, Forés R, Pera G; en representació del estudio ARTPER. Vascular Risk, Diabetes, and the Ankle-Brachial Index. Response. [Article original]. *Rev Esp Cardiol*. 2011;64(8):729-730. PMID:21683501. **FI: 2.157**
- Baena JM, Gómez-Fernández C, Vilató-garcía M, Vázquez-Laso EJ, Byram AO, Vidal-Solsona M. [A prescription register incorporated into computerized medical records for patients with hypertension: a new instrument to evaluate medication adherence]. [Article original]. *Aten Primaria*. 2011;43(7):336-342. PMID:21339021. **FI: 0.619**
- Baena J, Alzamora M, Forés R, Pera G, Torán P, Sorribes M. Ankle-brachial index improves the classification of cardiovascular risk:PERART/ARTPER Study. [Article original]. *Rev Esp Cardiol*. 2011;64(3):186-192. PMID:21330032. **FI: 2.157**
- Baena JM, Bermúdez-Chillida N, Mundet X, Val-García JL, Muñoz MA, Schröder H. [Impaired fasting glucose and risk of diabetes mellitus at 10 years. Cohort study]. [Article original]. *Med Clin (Barc)*. 2011;136(9):382-385. PMID:21300382. **FI: 1.413**
- Forés R, Alzamora M, Baena J, Pera G. ¿A quién medir el índice tobillo-brazo?. [Carta al director]. *Med Clin (Barc)*. 2011;137(6):282. PMID:21295789. **FI: 1.413**

Baena J, Félix FJ, Grau M, Cabrera de León A, Sanz H, Leal M, Elosua R, Rodríguez-Pérez Mdel C, Guembe MJ, Torán P, Vega-Alonso T, Ortiz H, Pérez-Castán JF, Frontera G, Lapetra J, Tormo MJ, Segura A, Fernández-Bergés D, Marrugat J. Risk factor treatment and control in relation to coronary disease risk in the spanish population of the DARIOS Study. [Article original]. Rev Esp Cardiol. 2011;64(9):766-773. PMID:21764497. **FI: 2.157**

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. Epub 2011 Oct 11. PubMed PMID: 21987347; PubMed Central PMCID: PMC3228950. **FI: 6.973**

Mata JM, De Prado C, Salido V. Incidence of complications and mortality in a type 2 diabetes patient cohort study followed up from diagnosis in a primary healthcare centre. [Article original]. Int J Clin Pract. 2011;65:299-307. PMID:21314867. **FI: 2.309**

FI TOTAL: 35.073

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:

Bernardo Costa Pinel



RESEARCHERS:

Juan José Cabré Vila

Jesús Vizcaino Marín

Francisco Martín Lujan

Josep Basora Gallisà

Cruz María Fuentes Bellido

Research projects 2010

IP: Bernardo Costa Pinel. *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).* Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Bernardo Costa Pinel. *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).* Entitat Financadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011

IP: Ferran Bejarano Romero. *Eficacia comparativa de dos intervenciones del médico familia para el abandono del consumo crónico de benzodiazepinas.* Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Juan José Cabré Vila. *Anàlisi cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut a Catalunya (PREDICE).* Entitat Financadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011

IP: Empar Valdivieso López. *Efectividad de un programa comunitario integrado en la escuela para reducir la incidencia de tabaquismo entre los escolares de ESO.* Entitat Financadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

Research projects 2011

IP: Bernardo Costa Pinel. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Entitat Finançadora: European Commission. Durada: 2011 - 2015

IP: Bernardo Costa Pinel. *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)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Bernardo Costa Pinel. *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)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011

IP: Ferran Bejarano Romero. *Eficacia comparativa de dos intervenciones del médico familia para el abandono del consumo crónico de benzodiazepinas*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Juan José Cabré Vila. *Anàlisi cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut a Catalunya (PREDICE)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2012

Articles 2010

Vila-Corcoles A, Hospital-Guardiola I, Ochoa-Gondar O, de Diego C, Salsench E, Raga X, Fuentes-Bellido CM. Rationale and design of the CAPAMIS study: effectiveness of pneumococcal vaccination against community-acquired pneumonia, acute myocardial infarction and stroke. *BMC Public Health*. 2010;19:25. PMID:20085658. **FI: 2.364**

Martin F. Avenços recents en malaltia obstructiva crònica. *Annals Med*. 2010;93(3):20-28.

Valdivieso E, Rey C, Barrera M, Arijá V, Basora J, Marsal JR; TAB_ES Study Group. Factors associated with commencing smoking in 12-year-old students in Catalonia (Spain): a cross-sectional population-based study. *BMC Public Health*. 2010 Nov 2;10:665. PubMed PMID: 21044344; PubMed Central PMCID: PMC3091575. **FI: 2.364**

FI TOTAL: 4.728

Articles 2011

Casas P, Lopez A, Bulló M, Ros E, Cabré J, Salas J. Effects of one serving of mixed nuts on serum lipids, insulin resistance and inflammatory markers in patients with the metabolic syndrome. [Article original]. *Nutr Metab Cardiovasc Dis*. 2011;21:126-35. PMID:20031380. **FI: 3.438**

Cabré JJ, Hernández JM, Arijá V, Basora J, Bejarano F, Ripoll M. Projecte SEGUDIAB: seguretat en pacients diabètics. Avaluació d'un programa educatiu dirigit als professionals per a millorar la seguretat dels pacients diabètics. [Article original]. *Annals Med*. 2011;94:8-10.

Vicens C, Socías I, Mateu C, Leiva A, Bejarano F, Sempere E, Basora J, Palop V, Mengual M, Beltran JL, Aragonès E, Lera G, Folch S, Pinol JL, Esteve M, Roca M, Arenas A, Sureda M, Campoamor F, Fiol F. Comparative efficacy of two primary care interventions to assist withdrawal from long term benzodiazepine use: A protocol for a clustered, randomized clinical trial. [Artículo original]. *BMC Fam Pract*. 2011;12(1):23. PMID:21507257. **FI: 1.467**

Costa B, Cabre JJ, Sagarra R, Sola-Morales O, Barrio F, Pinol JL, Cos X, Bolibar B, Castell C, Kissimova-Skarbek K, Tuomilehto J; The DE-PLAN-CAT/PREDICE Research group. Rationale and design of the PREDICE project: Cost-Effectiveness of Type 2 diabetes prevention among high-risk Spanish individuals following lifestyle intervention in real-life primary care setting. [Article original]. *BMC Public Health*. 2011;11(1):623. PMID:21831332. **FI: 2.364**

Costa B, Barrio F, Cabré JJ, Piñol JL, Cos FX, Solé C, Bolibar B, Castell C, Lindström J, Barengo N, Tuomilehto J; DE-PLAN-CAT Research Group. Shifting from glucose diagnostic criteria to the new HbA(1c) criteria would have a profound impact on prevalence of diabetes among a high-risk Spanish population. *Diabet Med*. 2011 Oct;28(10):1234-7. doi: 10.1111/j.1464-5491.2011.03304.x. PubMed PMID: 21429007. **FI: 3.036**

Cabré J, Saumell J, Costa B, Ortega Y, Piñol J, Basora J, Barrio F, Reus Metabolic Syndrome Study SIMETRIC. Relationship of metabolic syndrome and cardiovascular disease. Results of the SIMETRIC Study. [Article original]. *International Journal of Diabetes & Metabolism*. 2011;3(1):117.

Ortega Y, Cabré JJ, Piñol JL, Chanco C, Torres M, Mangrané M, del Pozo A, Moran D. Influence of the stress on the metabolic syndrome. The STREX Study. [Article original]. *International Journal of Diabetes & Metabolism*. 2011;3(1):152.

Cabré JJ, Ripoll M, Hernández JM, Basora J, Bejarano F, Arija V. Safety during the monitoring of diabetic patients: trial teaching course on health professionals and diabetics SEGUDIAB study. [Article original]. BMC Public Health. 2011;11:430. PMID:21639938. **FI: 2.364**

Cabré JJ, Chanco C. Uveitis como primera manifestación de policondritis: un reto diagnóstico. [Article original]. Butlletí de la CAMFIC. 2011;29:(3)5.

Martin-Lujan F, Piñol-Moreso JL, Martin-Vergara N, Basora-Gallisa J, Pascual-Palacios I, Sagarra-Alamo R, Llopis EA, Basora-Gallisa MT, Pedret-Llaberia R; ESPITAP Study Group investigators. Effectiveness of a structured motivational intervention including smoking cessation advice and spirometry information in the primary care setting: the ESPITAP study. BMC Public Health. 2011 Nov 11;11:859. PubMed PMID: 22078490; PubMed Central PMCID:PMC3236011. **FI: 2.364**

Bullo M, Garcia-Aloy M, Basora J, Covas MI, Salas J. Bone quantitative ultrasound measurements in relation to the metabolic syndrome and type 2 diabetes mellitus in a cohort of elderly subjects at high risk of cardiovascular disease from the PREDIMED Study. [Article original]. J Nutr Health Aging. 2011;15(10):939-44. PMID:22159786. **FI: 2.484**

FI TOTAL: 17.517

Prizes

Premio Tesis Doctorales sobre Medicina de Familia. I Premio Tesis Doctoral Catedra NOVARTIS. Consignas para la prevención de la diabetes tipo 2 en atención primaria de salud. Experiencia de 10 años en detección y seguimiento de sujetos con alteraciones del metabolismo glucídico. Costa B.

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:

Angel Vila Corcoles

RESEARCHERS:

Cinta de Diego Cabanes
Immaculada Hospital Guardiola
Elisabet Salsench Serrano
Neus Saun Casas
Xabier Ansa Echeverria
Carles Llor Vilà
Olga Ochoa Gondar

Research projects 2010

IP: Angel Vila Corcoles. *Evaluación de la efectividad de la vacuna antineumocócica 23-valente para prevenir neumonía y eventos vasculares agudos en la población mayor de 60 años.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Olga Ochoa Gondar. *Estudio de validación de las escalas de severidad CURB65 y CRB65 en la población anciana con neumonía adquirida en la comunidad.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Elisabet Salsench Serrano. *Efectivitat de la vacuna antineumocòccica per a la prevenció de patologia neumocòccica en persones més grans de 50 anys.* Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2007 - 2012

IP: Olga Ochoa Gondar. *Malalties infeccioses de l'aparell respiratori susceptibles de vacunació.* Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2006 - 2010

IP: Cinta de Diego Cabanes. *Efectivitat de la vacuna antigripal mortalitat hivernal en pacients majors de 65 anys amb patologia crònica.* Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2006 - 2012

Research projects 2011

IP: Angel Vila Corcoles. *Evaluación de la efectividad de la vacuna antineumocócica 23-valente para prevenir neumonía y eventos vasculares agudos en la población mayor de 60 años*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Olga Ochoa Gondar. *Estudio de validación de las escalas de severidad CURB65 y CRB65 en la población anciana con neumonía adquirida en la comunidad*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

Articles 2010

Llor C, Cots J, Bjerrum L, Cid M, Guerra G, Arranz X, Gómez M, Monedero MJ, Alcántara JD, Pérez C, García G, Ortega J, Cigüenza ML, Pineda V, Paredes J, Burgazzoli JL, Hernández S; y grupo de estudio Happy Audit España. Prescripción de antibióticos en las infecciones del tracto respiratorio y factores predictores de su utilización. [Article original]. *Aten Primaria*. 2010;42(1):28-35. PMID:19713006. **FI: 0.619**

Almirall J, Bolibar I, Serra-Prat M, Palomera E, Roig J, Hospital I, Carandell E, Agustí M, Ayuso P, Estela A, Torres A; Community-Acquired Pneumonia in Catalan Countries. Inhaled drugs as risk factors for community-acquired pneumonia. *Eur Respir J*. 2010;36(5):1080-7. PMID:20525710. **FI: 5.922**

Vila-Corcoles A, Hospital-Guardiola I, Ochoa-Gondar O, de Diego C, Salsench E, Raga X, Fuentes-Bellido CM. Rationale and design of the CAPAMIS study: effectiveness of pneumococcal vaccination against community-acquired pneumonia, acute myocardial infarction and stroke. *BMC Public Health*. 2010;19:25. PMID:20085658. **FI: 2.364**

Vila A, Ochoa O, Guzmán JA, Rodríguez-Blanco T, Salsench E, Fuentes CM; EPIVAC Study Group. Effectiveness of the 23-valent polysaccharide pneumococcal vaccine against invasive pneumococcal disease in people 60 years or older. *BMC Infect Dis*. 2010;10(1):73. PMID:20298596. **FI: 2.825**

Vila A, Ochoa O, Rodríguez-Blanco T. [Usefulness of the CRB-65 scale for prognosis assessment of patients 65 years or older with community-acquired pneumonia.]. *Med Clin (Barc)*. 2010;135(3):97-102. PMID:20462613. **FI: 1.413**

de Diego C, Vila A, Ochoa O, Valdivieso E, Arijá V, Rodríguez-Blanco T. Vacunación antigripal y mortalidad invernal en pacientes diabéticos mayores de 65 años. *Semergen*. 2010;36(1):3-9.

Llor C. ¿Hay que pedir cultivo faríngeo cuando se realizan técnica antigénicas rápidas?. *Aten Primaria*. 2010;42(7):362-363. PMID:20466460. **FI: 0.619**

Llor C, Sierra N, Hernández S, Moragas A, Hernández M, Bayona C. Impact of C-reactive protein testing on adherence to thrice-daily antibiotic regimens in patients with lower respiratory tract infection. *Prim Care Respir J*. 2010;19(4):358-362. PMID:20464350.

Bjerrum L, Munck A, Gahrn-Hansen B, Hansen MP, Jarboel D, Llor C, Cots JM, Hernández S, López-Valcárcel BG, Pérez A, Caballero L, von der Heyde W, Radzeviciene R, Jurgutis A, Reutskiy A, Egorova E, Strandberg EL, Ovsted I, Molstad S, vander Stichele R, Benko R, Vlahovic-Palcevski V, Lionis C, Rønning M. Health Alliance for Prudent Prescribing, Yield and Use of Antimicrobial Drugs in the Treatment of Respiratory Tract Infections (HAPPY AUDIT). *BMC Fam Pract*. 2010;23(11):29. PMID:20416034. **FI: 1.467**

Margalef JC, Anadón SH, Ibars JB, Josa A, Crespo JM, Romero FB, Llor C. [Lifestyles of subjects who take drugs for two or more cardiovascular risk factors. TAR-RISC Study]. *Aten Primaria*. 2011 May;43(5):229-35. Epub 2010 May 20. PubMed PMID: 20488586. **FI: 0.619**

Miravittles M, Llor C, Molina J, Naberan K, Cots JM, Ros F; EVOCA Study Group. Antibiotic treatment of exacerbations of COPD in general practice: long-term impact on health-related quality of life. *Int J Chron Obstruct Pulmon Dis*. 2010;18(5):11-19. PMID:20368907.

Madurell J, Balagué M, Gómez M, Cots JM, Llor C. Impact of rapid antigen detection testing on antibiotic prescription in acute pharyngitis in adults. FARINGOCAT STUDY: a multicentric randomized controlled trial. *BMC Fam Pract*. 2010;11(1):25. PMID:20331895. **FI: 1.467**

Llor C. Small pharmacies are more likely to dispense antibiotics without a medical prescription than large pharmacies in Catalonia. *Euro Surveill*. 2010;15(32):12-15. PMID:20738994.

Hernández S, Crispí S, Llor C, Pérez M, Calviño O, Fernández Y, Blade J. Vacuna antipapiloma virus humano: intervención en pacientes no incluidas en las recomendaciones actuales. *Med Gen*. 2010;132:662-664.

Llor C, Cots J. Deixaran de ser efectius els antibiòtics entre la població si en seguim abusant? Butlletí d'informació terapèutica. 2010;22:1-5.

Llor C. Prevalence and impact of undiagnosed chronic obstructive pulmonary disease. Hot topics in respiratory medicine. 2010;5:9-12.

Llor C, Sierra N, Moragas A, Hernández S, Bayona C. Association between use of rapid antigen detection tests and adherence to antibiotics in suspected streptococcal pharyngitis. Scand J Prim Health Care. 2010;28:12-17. PMID:20201628. **FI: 1.909**

Sierra N, Hernández S, Llor C, Moragas A, Hernández M, Bayona C. Adherència del tractament antibiòtic en els quadres infecciosos a l'atenció primària mitjançant monitoratge electrònic. [Comentari]. Butlletí de la Societat Catalana de Medicina Familiar i Comunitària. 2010;28:05.

Zaballos P, Salsench E, Serrano P, Cuellar F, Puig S, Malveyh J. Studying regressions of seborrheic keratosis in lichenoid keratosis with sequential dermoscopy imaging. Dermatology. 2010;220(2):103-109. PMID:19996577. **FI: 2.714**

Llor C, Rabanque G, López A, Cots JM. The adherence of GPs to guidelines for the diagnosis and treatment of lower urinary tract infections in women is poor. Fam Pract. 2010;1:1-6. PMID:21127022. **FI: 1.709**

FI TOTAL: 23.647

Articles 2011

Llor C, Cots JM, González López-Valcárcel B, Alcántara Jde D, García G, Arranz J, Monedero MJ, Ortega J, Pineda V, Guerra G, Gómez M, Hernández S, Paredes J, Cid M, Pérez C. Effects of two interventions on reducing antibiotic prescription in pharyngitis in primary care. [Comentari]. J Antimicrob Chemother. 2011;66(1):210-215. PMID:21081543. **FI: 4.659**

Llor C, Moragas A, Bayona C, Morros R, Pera H, Cots J, Fernández Y, Miravittles M, Boada A. Effectiveness of anti-inflammatory treatment versus antibiotic therapy and placebo for patients with non-complicated acute bronchitis with purulent sputum. The BAAP Study protocol. [Article original]. BMC Pulm Med. 2011;11(1):38. PMID:21693045.

Ochoa-Gondar O, Vila-Corcoles A, Rodriguez-Blanco T, Ramos F, de Diego C, Salsench E, Gil D, Daniel J, Palacios L, Blade J. Comparison of three predictive rules for assessing severity in elderly patients with CAP. Int J Clin Pract. 2011;65(11):1165-72. doi: 10.1111/j.1742-1241.2011.02742.x. Epub 2011 Sep 26. PubMed PMID: 21951687 **FI: 2.309**

Vila A, Ochoa O, Gomez-Bertomeu F, Raga-Luria X; EPIVAC Study Group. Invasive pneumococcal disease in Catalan elderly people, 2002-2009: serotype coverage for different anti-pneumococcal vaccine formulations at the beginning of the new conjugate vaccines era. [Article original]. Vaccine. 2011;29:7430-7434. PMID:21803108. **FI: 3.572**

Ochoa O, Vila A. Incidence of invasive pneumococcal disease among elderly people in Southern Catalonia, Spain, 2002-2009: an increase in serotypes not contained in the heptavalent conjugate vaccine. [Article original]. J Infect. 2011;63:434-440. PMID:21875616. **FI: 3.805**

Llor C, Moragas A, Hernández S. Infecciones del tracto respiratorio. [Article revisió]. AMF-Actualización en Medicina de Familia. 2011;7(3):124-135.

Decramer M, Miravittles M, Price D, Roman- Rodríguez M, Llor C, Welte T. New horizons in early stage COPD- Improving knowledge, detection and treatment. [Article original]. Respir Med. 2011;105:1576-87. PMID:21239156. **FI: 2.525**

Llor C, Madurell J, Balagué M, Gómez M, Cots JM. Impact on antibiotic prescription of rapid antigen detection testing in acute pharyngitis in adults: a randomised clinical trial. [Article original]. Br J Gen Pract. 2011;61:e244-51. PMID:21619748. **FI: 2.070**

Llor C, Cots JM. Proteína C reactiva: Biomarcador en atención primaria. [Article revisió]. Med Clin (Barc). 2011;136:697-697. PMID:21074817. **FI: 1.413**

Llor C. Streptococcal pharyngitis. [Article revisió]. N Engl J Med. 2011;364:2366-2366. PMID:21675907. **FI: 53.484**

FI TOTAL: 73.837

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:

Francisco Martin Lujan



RESEARCHERS:

Núria Martín Vergara
Jordi Blade Creixenti
Manuel Pérez Bauer
Silvia Crispi Cifuentes
Silvia Hernández Anadón
Carles Llor Vilà
Ramón Sagarra Àlamo
Yvone Fernández Pagés
Irene Pascual Palacios
M. Montserrat Inglés Novell
Ana Moragas Moreno
Olga Calviño
Nuria Sierra Montalban
Patricia Lara López-Doriga

Research projects 2010

IP: Bernardo Costa Pinel. *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)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Bernardo Costa Pinel. *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)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011

IP: Victoria Arijia Val. *Intervención educativa nutricional dirigida a cuidadores de pacientes dependientes*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

- IP:** Juan José Cabré Vila. *Anàlisi cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut a Catalunya (PREDICE)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011
- IP:** Ana Moragas Moreno. *Efectivitat de l'antibioteràpia en les aguditzacions de la malaltia pulmonar obstructiva crònica no greu*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2007 - 2011
- IP:** Manuel Pérez Bauer. *Validación de la adaptación de un cuestionario de frecuencia de consumo de alimentos en población española (Estudio VALFRECO)*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2005 - 2012

Research projects 2011

- IP:** Nuria Sierra Montalban. *Compliment del tractament antibiòtic en les infeccions del tracte respiratòri superior i inferior mitjançant la utilització del monitoratge electrònic*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2011 - 2012
- IP:** Bernardo Costa Pinel. *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)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** Bernardo Costa Pinel. *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)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011
- IP:** Victoria Arija Val. *Intervención educativa nutricional dirigida a cuidadores de pacientes dependientes*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** Juan José Cabré Vila. *Anàlisi cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut a Catalunya (PREDICE)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2012

Articles 2010

- Llor C, Cots J, Bjerrum L, Cid M, Guerra G, Arranz X, Gómez M, Monedero MJ, Alcántara JD, Pérez C, García G, Ortega J, Cigüenza ML, Pineda V, Paredes J, Burgazzoli JL, Hernández S; y grupo de estudio Happy Audit España. Prescripción de antibióticos en las infecciones del tracto respiratorio y factores predictores de su utilización. *Aten Primaria*. 2010;42(1):28-35. PMID:19713006. **FI: 0.619**
- Llor C. ¿Hay que pedir cultivo faríngeo cuando se realizan técnica antigénicas rápidas? *Aten Primaria*. 2010;42(7):362-363. PMID:20466460. **FI: 0.619**
- Llor C, Sierra N, Hernández S, Moragas A, Hernández M, Bayona C. Impact of C-reactive protein testing on adherence to thrice-daily antibiotic regimens in patients with lower respiratory tract infection. *Prim Care Respir J*. 2010;19(4):358-362. PMID:20464350.
- Bjerrum L, Munck A, Gahrn-Hansen B, Hansen MP, Jarboel D, Llor C, Cots JM, Hernández S, López-Valcárcel BG, Pérez A, Caballero L, von der Heyde W, Radzeviciene R, Jurgutis A, Reutskiy A, Egorova E, Strandberg EL, Ovsted I, Molstad S, vander Stichele R, Benko R, Vlahovic-Palcevski V, Lionis C, Rønning M. Health Alliance for Prudent Prescribing, Yield and Use of Antimicrobial Drugs in the Treatment of Respiratory Tract Infections (HAPPY AUDIT). *BMC Fam Pract*. 2010;23(11):29. PMID:20416034. **FI: 1.467**
- Margalef JC, Anadón SH, Ibars JB, Josa A, Crespo JM, Romero FB, Llor C. Lifestyles of subjects who take drugs for two or more cardiovascular risk factors. TAR-RISC Study. *Aten Primaria*. 2011 May;43(5):229-35. Epub 2010 May 20. PubMed PMID: 20488586. **FI: 0.619**
- Miravittles M, Llor C, Molina J, Naberan K, Cots JM, Ros F; EVOCA Study Group. Antibiotic treatment of exacerbations of COPD in general practice: long-term impact on health-related quality of life. *Int J Chron Obstruct Pulmon Dis*. 2010;18(5):11-19. PMID:20368907.
- Madurell J, Balagué M, Gómez M, Cots JM, Llor C. Impact of rapid antigen detection testing on antibiotic prescription in acute pharyngitis in adults. FARINGOCAT STUDY: a multicentric randomized controlled trial. *BMC Fam Pract*. 2010;11(1):25. PMID:20331895. **FI: 1.467**
- Martin F. Avenços recents en malaltia obstructiva crònica. *Annals Med*. 2010;93(3):20-28.
- Llor C. Small pharmacies are more likely to dispense antibiotics without a medical prescription than large pharmacies in Catalonia. *Euro Surveill*. 2010;15(32):12-15. PMID:20738994.
- Hernández S, Crispí S, Llor C, Pérez M, Calviño O, Fernández Y, Blade J. Vacuna antipapiloma virus humano: intervención en pacientes no incluidas en las recomendaciones actuales. *Med Gen*. 2010;132:662-664.

Fernández-Ballart JD, Piñol JL, Zazpe I, Corella D, Carrasco P, Toledo E, Perez-Bauer M, Martínez-González MA, Salas-Salvadó J, Martín-Moreno JM. Relative validity of a semi-quantitative food-frequency questionnaire in an elderly Mediterranean population of Spain. *Br J Nutr*. 2010;103(12):1808-1816. PMID:20102675. **FI: 3.072**

Llor C, Cots J. Deixaran de ser efectius els antibiòtics entre la població si en seguim abusant?. *Butlletí d'informació terapèutica*. 2010;22:1-5.

Llor C. Prevalence and impact of undiagnosed chronic obstructive pulmonary disease. *Hot topics in respiratory medicine*. 2010;5:9-12.

Llor C, Sierra N, Moragas A, Hernández S, Bayona C. Association between use of rapid antigen detection tests and adherence to antibiotics in suspected streptococcal pharyngitis. *Scand J Prim Health Care*. 2010;28:12-17. PMID:20201628. **FI: 1.909**

Sierra N, Hernández S, Llor C, Moragas A, Hernández M, Bayona C. Adherència del tractament antibiòtic en els quadres infecciosos a l'atenció primària mitjançant monitoratge electrònic. *Butlletí de la Societat Catalana de Medicina Familiar i Comunitària*. 2010;28:05.

Llor C, Rabanaque G, López A, Cots JM. The adherence of GPs to guidelines for the diagnosis and treatment of lower urinary tract infections in women is poor. *Fam Pract*. 2010;1:1-6. PMID:21127022. **FI: 1.709**

FI TOTAL: 11.481

Articles 2011

Llor C, Cots JM, González López-Valcárcel B, Alcántara Jde D, García G, Arranz J, Monedero MJ, Ortega J, Pineda V, Guerra G, Gómez M, Hernández S, Paredes J, Cid M, Pérez C. Effects of two interventions on reducing antibiotic prescription in pharyngitis in primary care. [Comentari]. *J Antimicrob Chemother*. 2011;66(1):210-215. PMID:21081543. **FI: 4.659**

Llor C, Moragas A, Bayona C, Morros R, Pera H, Cots J, Fernández Y, Miravittles M, Boada A. Effectiveness of anti-inflammatory treatment versus antibiotic therapy and placebo for patients with non-complicated acute bronchitis with purulent sputum. The BAAP Study protocol. [Article original]. *BMC Pulm Med*. 2011;11(1):38. PMID:21693045.

Costa B, Cabre JJ, Sagarra R, Sola-Morales O, Barrio F, Pinol JL, Cos X, Bolibar B, Castell C, Kissimova-Skarbek K, Tuomilehto J; The DE-PLAN-CAT/PREDICE Research group. Rationale and design of the PREDICE project: Cost-Effectiveness of Type 2 diabetes prevention among high-risk Spanish individuals following lifestyle intervention in real-life primary care setting. [Article original]. *BMC Public Health*. 2011;11(1):623. PMID:21831332. **FI: 2.364**

Ochoa-Gondar O, Vila-Corcoles A, Rodriguez-Blanco T, Ramos F, de Diego C, Salsench E, Gil D, Daniel J, Palacios L, Blade J. Comparison of three predictive rules for assessing severity in elderly patients with CAP. *Int J Clin Pract*. 2011 ;65(11):1165-72. doi: 10.1111/j.1742-1241.2011.02742.x. Epub 2011 Sep 26. PubMed PMID: 21951687 **FI: 2.309**

Martin-Lujan F, Piñol-Moreno JL, Martín-Vergara N, Basora-Gallisa J, Pascual-Palacios I, Sagarra-Alamo R, Llopis EA, Basora-Gallisa MT, Pedret-Llaberia R; ESPITAP Study Group investigators. Effectiveness of a structured motivational intervention including smoking cessation advice and spirometry information in the primary care setting: the ESPITAP study. *BMC Public Health*. 2011 Nov 11;11:859. PubMed PMID: 22078490; PubMed Central PMCID:PMC3236011. **FI: 2.364**

Llor C, Moragas A, Hernández S. Infecciones del tracto respiratorio. [Article revisió]. *AMF-Actualización en Medicina de Familia*. 2011;7(3):124-135.

Decramer M, Miravittles M, Price D, Roman- Rodríguez M, Llor C, Welte T. New horizons in early stage COPD-Improving knowledge, detection and treatment. [Article original]. *Respir Med*. 2011;105:1576-87. PMID:21239156. **FI: 2.525**

Llor C, Madurell J, Balagué M, Gómez M, Cots JM. Impact on antibiotic prescription of rapid antigen detection testing in acute pharyngitis in adults: a randomised clinical trial. [Article original]. *Br J Gen Pract*. 2011;61:e244-51. PMID:21619748. **FI: 2.070**

Llor C, Cots JM. Proteína C reactiva: Biomarcador en atención primaria. [Article revisió]. *Med Clin (Barc)*. 2011;136:697-697. PMID:21074817. **FI: 1.413**

Llor C. Streptococcal pharyngitis. [Article revisió]. *N Engl J Med*. 2011;364:2366-2366. PMID:21675907. **FI: 53.484**

FI TOTAL: 71.188

Thesis 2011

Doctorand: Sierra N. Cumplimiento del tratamiento antibiótico en las infecciones del tracto respiratorio superior e inferior mediante la utilización del monitoraje electrónico. Tarragona: Facultat de Medicina i Ciències de la Salut, Universitat Rovira i Virgili. Data lectura: 07/02/2011.

Doctorand: Moragas A. Situations in which antibiotic therapy for acute exacerbations of mild-moderate COPD is not necessary. Tarragona: Facultat de Medicina i Ciències de la Salut, Universitat Rovira i Virgili. Data lectura: 20/12/2011.

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:

M^a Teresa Peñarrubia María

RESEARCHERS:

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

Research projects 2010

IP: Luis Salvador Carulla. *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.. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Juan Angel Bellon Saameño. *Reducción del uso de servicios de los pacientes hiperutilizadores de atención primaria mediante la intervención "7H+T": Ensayo aleatorio controlado de conglomerados*. El estudio "7H+T". Entitat Finançadora: Junta de Andalucía. Durada: 2010 - 2011

IP: Ana Maria Jové Massó. *Barreres i facilitadors per a la comunicació i la col·laboració entre el metge d'atenció primària i el farmacèutic comunitari (projecte QualiFar)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFIC). Durada: 2010 - 2011

IP: Javier Garcia Campayo. *Análisis de la correlación y la validez predictiva de los constructos psicológicos relacionados con el dolor en pacientes con fibromialgia*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Antoni Serrano Blanco. *Programa de apoyo farmacéutico al tratamiento farmacológico antidepresivo*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2011

IP: Rita Fernández Vergel. *Eficàcia d'un programa educatiu al tractament de la fibromiàlgia per a millorar la qualitat de vida*. Estudi FIBROQOL. Entitat Finançadora: Agència Avaluació de Tecnologia Mèdica. Durada: 2007 - 2010

Research projects 2011

IP: Javier García Campayo. *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*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2011 - 2013

IP: Luis Salvador Carulla. *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*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Juan Angel Bellon Saameño. *Reducción del uso de servicios de los pacientes hiperutilizadores de atención primaria mediante la intervención "7H+T": Ensayo aleatorio controlado de conglomerados. El estudio "7H+T"*. Entitat Finançadora: Junta de Andalucía. Durada: 2010 - 2011

IP: Ana Maria Jové Massó. *Barreres i facilitadors per a la comunicació i la col·laboració entre el metge d'atenció primària i el farmacèutic comunitari (projecte QualiFar)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2011

IP: Javier García Campayo. *Análisis de la correlación y la validez predictiva de los constructos psicológicos relacionados con el dolor en pacientes con fibromialgia*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

Articles 2010

Luciano J, Ayuso-Mateos JL, Fernández A, Serrano-Blanco A, Roca M, Haro J. Psychometric properties of the twelve item World Health Organization Disability Assessment Schedule II (WHO-DAS II) in Spanish primary care patients with a first major depressive episode. *J Affect Disord*. 2010 Feb;121:52-58. PMID:19464735. **FI: 3.740**

Serrano-Blanco A, Palao DJ, Luciano JV, Pinto-Meza A, Luján L, Fernández A, Roura P, Bertsch J, Mercader M, Haro JM. Prevalence of mental disorders in primary care: results from the diagnosis and treatment of mental disorders in primary care study (DASMAP). *Soc Psychiatry Psychiatr Epidemiol*. 2010;45(2):201-10. PMID:19452110. **FI: 2.147**

Luciano JV, Ayuso-Mateos JL, Fernández A, Aguado J, Serrano A, Roca M, Haro JM. Utility of the twelve-item World Health Organization Disability Assessment Schedule II (WHO-DAS II) for discriminating depression "case-ness" and severity in Spanish primary care patients. *Qual Life Res*. 2010 Feb;19(1):97-101. PMID:20016936. **FI: 1.958**

Luciano J, Fernández A, Pinto-Meza A, Lujan L, Bellon J, García J, Peñarrubia M, Fernández R, Sanavia M, Blanco M, Haro JM, Palao DJ, Serrano A. Frequent attendance in primary care: comparison and implications of different definitions. *Br J Gen Pract*. 2010;60(571):e49-e55. PMID:20132693. **FI: 2.070**

García-Campayo J, Rosel F, Serrano P, Santed MA, Andrés E, Roca M, Serrano-Blanco A, León Latre M. Different psychological profiles in non-cardiac chest pain and coronary artery disease: a controlled study. *Rev Esp Cardiol*. 2010 Mar;63(3):357-61. PMID:20196998. **FI: 2.157**

Fernández A, Pinto-Meza A, Bellon J, Roura JA, Haro JM, Autonell J, Palao D, Peñarrubia M, Fernández R, Blanco M, Luciano J, Serrano A. Is major depression adequately diagnosed and treated by general practitioners? Results from an epidemiological study. *Gen Hosp Psychiatry*. 2010;32(2):201-209. PMID:20302995. **FI: 2.777**

Fernández A, Bellon JA, Pinto-Meza A, Luciano JV, Autonell J, Palao D, Salvador L, García J, Haro JM, Serrano A. Burden of chronic physical conditions and mental disorders in primary care. *Br J Psychiatry*. 2010;196:302-309. PMID:20357307. **FI: 5.947**

Gili M, Comas A, García-García M, Monzon S, Serrano A, Roca M. Comorbidity between common mental disorders and chronic somatic diseases in primary care patients. *Gen Hosp Psychiatry*. 2010 Jun;32(3):240-5. PMID:20430226. **FI: 2.777**

Belloch A, Morillo C, Luciano JV, García-Soriano G, Cabedo E, Carrió C. Dysfunctional Belief Domains Related to Obsessive-Compulsive Disorder: A Further Examination of their Dimensionality and Specificity. *Span J Psychol*. 2010;13:376-388. PMID:20480704. **FI: 0.704**

Rodero B, García-Campayo J, Casanueva B, Lopez-Del-Hoyo Y, Serrano-Blanco A, Luciano JV. Validation of the Spanish version of the Chronic Pain Acceptance Questionnaire (CPAQ) for the assessment of acceptance in Fibromyalgia. *Health Qual Life Outcomes*. 2010;8(1):37. PMID:20385016. **FI: 1.860**

Luciano JV, Ayuso-Mateos JL, Aguado J, Fernandez A, Serrano-Blanco A, Roca M, Haro JM. The 12-item World Health Organization Disability Assessment Schedule II (WHO-DAS II): a nonparametric item response analysis. *BMC Med Res Methodol*. 2010;10(1):45-52. PMID:20487526. **FI: 2.153**

Pinto-Meza A, Fernández A, Bruffaerts R, Alonso J, Kovess V, De Graaf R, de Girolamo G, Matschinger H, Haro JM. Dropping out of mental health treatment among patients with depression and anxiety by type of provider: results of the European Study of the Epidemiology of Mental Disorders. *Soc Psychiatry Psychiatr Epidemiol*. 2011 Apr;46(4):273-80. Epub 2010 Feb 26. PubMed PMID: 20186531. **FI: 2.147**

Luciano JV, Bertsch J, Salvador-Carulla L, Fernández A, Pinto-Meza A, Haro JM, Palao DJ, Serrano A. Factor structure, internal consistency and construct validity of the Sheehan Disability Scale in a Spanish primary care sample. *J Eval Clin Pract*. 2010;16:895-901. PMID:20626541. **FI: 1.003**

Fernández Sánchez A, Sánchez-Carracedo D, Navarro-Rubio MD, Pinto-Meza A, Moreno-Küstner B. Opiniones de médicos de atención primaria, psiquiatras y psicólogos acerca de las guías de práctica clínica para la depresión. Un estudio cualitativo exploratorio. *Aten Primaria*. 2010;42(11):552-8. PMID:20554352. **FI: 0.619**

Fayed N, García-Campayo J, Magallón R, Andrés-Bergareche H, Luciano JV, Andres E, Beltrán J. Localized 1H-NMR spectroscopy in patients with fibromyalgia: a controlled study of changes in cerebral glutamate/glutamine, inositol, choline, and N-acetylaspartate. *Arthritis Res Ther*. 2010 Jul;12(4):R134. PMID:20609227. **FI: 4.271**

García-Campayo J, Rodero B, del Hoyo YL, Luciano JV, Alda M, Gili M. Validation of a Spanish language version of the pain self-perception scale in patients with fibromyalgia. *[BMC Musculoskelet Disord]*. 2010;11:255-255. PMID:21050485. **FI: 1.941**

FI TOTAL: 38.271

Articles 2011

Salvador-Carulla L, Bendeck M, Fernández A, Alberti C, Sabes-Figuera R, Molina C, Knapp M. Costs of depression in Catalonia (Spain). [Artículo original]. *J Affect Disord*. 2011;132(1-2):130-138. PMID:21402411. **FI: 3.740**

Luciano JV, Martínez N, Peñarrubia-María MT, Fernández-Vergel R, García-Campayo J, Verduras C, Blanco ME, Jiménez M, Ruiz JM, López del Hoyo Y, Serrano-Blanco A; FibroQoL Study Group. Effectiveness of a psychoeducational treatment program implemented in general practice for fibromyalgia patients: a randomized controlled trial. [Artículo original]. *Clin J Pain*. 2011;27(5):383-391. PMID:21317775. **FI: 3.114**

Maurel S, Rodero B, Lopez-del-Hoyo Y, Luciano JV, Andrés E, Roca M, Bergos Rdel M, Ruiz-Lancina Y, García-Campayo J. Correlational analysis and predictive validity of psychological constructs related with pain in fibromyalgia. *BMC Musculoskelet Disord*. 2011 Jan 8;12:4. PubMed PMID: 21214948; PubMed Central PMCID: PMC3024273. **FI: 1.941**

Rodero B, Casanueva B, Luciano JV, Gili M, Serrano-Blanco A, García-Campayo J. Relationship between behavioural coping strategies and acceptance in patients with fibromyalgia syndrome: Elucidating targets of interventions. [Artículo original]. *BMC Musculoskelet Disord*. 2011 Jun 29;12(1):143. PMID:21714918. **FI: 1.941**

Usall J, Huerta-Ramos E, Iniesta R, Cobo J, Araya S, Roca M, Serrano-Blanco A, Teba F, Ochoa S. Raloxifene as an adjunctive treatment for postmenopausal women with schizophrenia: a double-blind, randomized, placebo-controlled trial. *J Clin Psychiatry*. 2011 Nov;72(11):1552-7. Epub 2011 Aug 23. PubMed PMID: 21903021. **FI: 5.023**

Rubio M, Serrano A, Magdalena J, Fernández A, García J, Lopez Y. Effectiveness of pharmacist care in the improvement of adherence to antidepressants: a systematic review and meta-analysis. [Artículo original]. *Ann Pharmacother*. 2011;45:39-48. PMID:21205952. **FI: 2.166**

Moreno B, Mayoral F, Rivas F, Angona P, Requena J, García JM, Navas D, Moreno P, Serrano A, Bellon JA. Factors associated with use of community mental health services by schizophrenia patients using multilevel analysis. [Artículo original]. *BMC Health Serv Res*. 2011;11:257. PubMed PMID: 21982430 **FI: 1.721**

Gili M, Luciano JV, Bauza N, Serrano MJ, Roca M. Psychometric properties of the IDS-SR30 for the assessment of depressive symptoms in spanish population. [Artículo original]. *BMC Med Res Methodol*. 2011;11(1):131-137. PMID:21936925. **FI: 2.153**

Gili M, Luciano JV, Serrano MJ, Bauza N, Roca M. Mental disorders among frequent attenders in primary care: a comparison with routine attenders. [Artículo original]. *J Nerv Ment Dis*. 2011;199(10):744-749. PMID:21964267. **FI: 1.796**

FI TOTAL: 23.595

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:

Jorge Soler González

RESEARCHERS:

M^a Cristina Ruiz Magaz

Montserrat Rue Monne

Leonardo Galvan Santiago

Gisela Galindo Ortego

Mariola Espejo Surós

Maria Catalina Serna Arnaiz

Inés Cruz Esteve

Jordi Real Gatus

Research projects 2010

IP: Conxita Teixidó Armengol. *Eficacia y tolerancia de la aplicación tópica de hidróxido potásico (10% y 15%) en el tratamiento del molusco contagioso*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2010

IP: Rosa Morros Pedrós. *Efectividad de los inhibidores del eje renina-angiotensina en pacientes con diabetes mellitus tipo 2 e hipertensión arterial en Catalunya*. Estudio de cohortes IERACAT. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2012

Research projects 2011

IP: Inés Cruz Esteve. *Salut mental i immigració: diferències en l'exposició a psicofàrmacs i compliment terapèutic entre la població immigrada i autòctona d'una regió sanitària*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2011 - 2012

Articles 2010

Galindo G, Farràs C, Nadal N, Cruz I, Real J, Marsal J. Evaluación de la implantación de la recepción, acogida y clasificación (RAC) por enfermería en el centro de urgencias de atención primaria (CUAP) de la ciudad de Lleida. [Article original]. Ciber Revista On Line Enfermería de Urgencias. 2010. Disponible a: <http://www.enfermeriadeurgencias.com/ciber/enero2010/pagina4.html>

Serna MC, Cruz I, Real J, Gascó E, Galván L. Duration and adherence of antidepressant treatment (2003 to 2007) based on prescription database. *Eur Psychiatry*. 2010;25:206-213. PMID:20005684. **FI: 3.365**

Rue M, Bosch A, Serna MC, Soler J, Galvan L, Cruz I. Observational study on drug spending in the immigrant and the indigenous population in the Lleida (Catalonia) health region. [Article original]. *Aten Primaria*. 2010;42(6):328-337. PMID:20392541. **FI: 0.619**

Cruz I, Serna MC, Real J, Rue M, Soler J, Galvan L. Comparison of the consumption of antidepressants in the immigrant and native populations in a Spanish health region: an observational study. [Article original]. *BMC Public Health*. 2010;17:255-257. PMID:20478063. **FI: 2.364**

FI Total: 6.348

Articles 2011

Espejo M, Miquel E, Esquerda M. Valoración de la competencia del menor en relación con la toma de decisiones sanitarias: escala de la competencia de Lleida. [Article original]. *Med Clin (Barc)*. 2011;136:26-30. PMID:19631351. **FI: 1.413**

Purroy F, Cruz Esteve I, Galindo Ortego MG, Marsal Mora JR, Oró M, Plana A. Survey of the knowledge and management of transient ischemic attacks among primary care physicians and nurses. *Neurologia*. 2011 May;26(4):200-207. Epub 2010 Nov 20. English, Spanish. PubMed PMID: 21163211. **FI: 0.589**

Serna MC, Real J, Ribes E, Marsal JR, Godoy P, Galvan L. Determinantes de la prescripción de antibióticos en atención primaria. [Article original]. *Enferm Infecc Microbiol Clin*. 2011;29:193-200. PMID:21345532. **FI: 1.656**

Galindo G, Cruz I, Real J, Galvan L, Monsó C, Santafé P. Pacientes con el diagnóstico de insuficiencia cardiaca en Atención Primaria: envejecimiento, comorbilidad y polifarmacia. [Article original]. *Aten Primaria*. 2011;43(2):61-68. PMID:21183250. **FI: 0.619**

Marsal JR, Cruz I, Teixido C, Diez O, Martinez M, Galindo G, Real J, Schoenenberger JA, Pera H. Efficacy and tolerance of the topical application of potassium hydroxide (10% and 15%) in the treatment of molluscum contagiosum: randomized clinical trial: research protocol. [Protocol i Aspectes Metodològics]. *BMC Infect Dis*. 2011;11(1):278. PMID:22011376. **FI: 2.825**

Galvan L, Capdevila J, Serna MC. Management by objectives and its impact on specialist prescription quality at discharge and in external consultations. [Article original]. *Fam Hosp*. 2011;35(2):58-63. PMID:20678949.

Melé J, Gervilla J, Soler J. Risk prevention in home. [Article original]. *Aten Primaria*. 2011;43(1):52-53. PMID:20378207. **FI: 0.619**

Soler J, Ruiz C, Serna MC, Marsal JR. The profile of general practitioners (GPs) who publish in selected family practice journals. [Article original]. *BMC Res Notes*. 2011;26(4):164. PMID:21615943.

Serna MC, Real J, Galvan L, Gascó E. High exposure to antibiotics in the population and differences by sex and age. [Article original]. *Aten Primaria*. 2011;43(5):236-244. PMID:21145134. **FI: 0.619**

FI Total: 8.340

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 Hepatology Service of the Hospital Clínic and the August Pi i Sunyer Biomedical Research Institute (IDIBAPS).

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

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

GROUP LEADER:

Llorenç Caballería Rovira



RESEARCHERS:

Albert Tibau Catalan
M^a Carmen Sánchez García
Jose Darío Casas Curto
Alba Alumà Trullàs
Guillem Pera Blanco
Maria Antònia Auladell Llorens
Josep Aubà Llambrich
Santiago Canut Caveró
Laura Nieto Márquez
Luis Rodríguez Gonzalez
M^a Dolores Miranda Badia
Miren Maite Edurne Aizpurua Perez
Jesus Bernad Suarez

Research projects 2010

IP: Maria Antònia Auladell Llorens. *Adecuación y calidad de las ecografías abdominales solicitadas por los profesionales de Atención Primaria*. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Margarida Roset Salla. *La intervenció educativa grupal en alimentació saludable a parels de nens d'una any d'edat ajuda a proporcionar a aquests nens hàbits alimentaris més saludables?*. Entitat Financadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2012

IP: Margarita Sotelo Gonzalez. *La intervenció educativa grupal en alimentació saludable a parels de nens d'un any d'edat ajuda a proporcionar a aquests nens hàbits alimentaris més saludables?*. Entitat Financadora: Fundació Acadèmia de les Ciències Mèdiques. Durada: 2010 - 2010

IP: Santiago Pérez Tortosa. *Ensayo comunitario de intervención para la deshabituación tabáquica con consejo intensivo en pacientes diabéticos en atención primaria de salud*. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2009 - 2010

IP: Eulàlia Borrell Thió. *Incidencia y factores de riesgo de exacerbaciones en pacientes con enfermedad pulmonar obstructiva crónica*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

IP: M^a Teresa Alzamora Sas. *Valor predictivo de la arteriopatía periférica silente en relación a la morbimortalidad cardiovascular: estudio de cohortes (ARTPER)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

IP: Rosa Morros Pedrós. *Efectividad de los inhibidores del eje renina-angiotensina en pacientes con diabetes mellitus tipo 2 e hipertensión arterial en Catalunya. Estudio de cohortes IERACAT*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2012

IP: Llorenç Caballería Rovira. *Estudio de los factores de riesgo asociados a la presencia de esteatosis hepática no alcohólica en atención primaria. Un estudio de casos y controles*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

Research projects 2011

IP: Pere Torán Monserrat. *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*. Entitat Finançadora: Departament de Salut. Durada: 2011 - 2012

IP: Pilar Montero Alía. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Entitat Finançadora: IDIAP Jordi Gol. Durada: 2011 - 2012

IP: Pilar Montero Alía. *Es pot millorar l'equilibri de les persones grans amb la consola Wii?*. Entitat Finançadora: Fundació Acadèmia de les Ciències Mèdiques. Durada: 2011 - 2012

IP: Maria Antònia Auladell Llorens. *Adecuación y calidad de las ecografías abdominales solicitadas por los profesionales de Atención Primaria*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Margarida Roset Salla. *La intervenció educativa grupal en alimentació saludable a pares de nens d'un any d'edat ajuda a proporcionar a aquests nens hàbits alimentaris més saludables?*. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2012

Articles 2010

Caballería L, Pera G, Auladell MA, Torán P, Muñoz L, Miranda D, Alumà A, Casas JD, Sánchez MC, Gil D, Aubà J, Tibau A, Canut S, Bernad J, Aizpurua MM. Prevalence and factors associated with the presence of nonalcoholic fatty liver disease in an adult population in Spain. *Eur J Gastroen Hepat*. 2010;22(1):24-32. PMID:19730384. **FI: 1.598**

Alzamora M, Forés R, Baena J, Pera G, Torán P, Sorribes M, Vicheto M, Reina M, Sancho A, Albaladejo C, Llusa J, PERART/ARTPER study group. The peripheral arterial disease study (PERART/ARTPER): prevalence and risk factors in the general population. *BMC Public Health*. 2010;10:38. PMID:20529387. **FI: 2.364**

Bundo M, Muñoz L, Pérez M, Montero J, Montellà N, Torán P, Pera G. Asymptomatic peripheral arterial disease in type 2 diabetes patients: a 10-year follow-up study of the utility of the ankle brachial index as a prognostic marker of cardiovascular disease. *Ann Vasc Surg*. 2010;24(8):985-993. PMID:2103569. **FI: 1.332**

Auladell M, Caballería L, Pera G, Rodríguez L, Casas J, Aznar J, Miranda MD, Sánchez MC, Negrete A, Castellví JM, Bernad J, Canut S, Aubà J, Aizpurua MM, Torán P. Adequacy and quality of abdominal echographies requested by primary care professionals. *BMC Gastroenterol*. 2010;10:101. PMID:20815930. **FI: 2.468**

Guañabens N, Cerdá D, Monegal A, Pons F, Caballería L, Peris P, Parés A. Low bone mass and severity of cholestasis affect fracture risk in patients with primary biliary cirrhosis. *Gastroenterology*. 2010;138(7):2348-2356. PMID:20178794. **FI: 12.032**

Miralbell J, Soriano JJ, López-Cancio E, Arenillas JF, Dorado L, Barrios M, Cáceres C, Alzamora MT, Torán P, Pera G, Dávalos A, Mataró M. Factores de riesgo vascular y rendimiento cognitivo en personas de 50 a 65 años. *Neurología*. 2010;25(7):422-429. PMID:20964988. **FI: 0.589**

Forés R, Alzamora MT, Baena JM, Pera G, Torán P, Ingla J, grup ARTPER. Infradiagnóstico de arteriopatía periférica en población española. Estudio ARTPER. *Med Clin (Barc)*. 2010;135(7):306-309. PMID:20553696. **FI: 1.413**

FI TOTAL: 21.796

Articles 2011

Ramos R, Baena-Díez JM, Quesada M, Solanas P, Subirana I, Sala J, Alzamora M, Forés R, Masiá R, Elosua R, Grau M, Cerdón F, Pera G, Rigo F, Martí R, Ponjoan A, Cerezo C, Brugada R, Marrugat J. Derivation and validation of REASON: a risk score identifying candidates to screen for peripheral arterial disease using ankle brachial index. [Article original]. *Atherosclerosis*. 2011;214(2):474-9. PMID:21167488. **FI: 4.086**

Baena JM, Alzamora MT, Forés R, Pera G; en representació del estudio ARTPER. Vascular Risk, Diabetes, and the Ankle-Brachial Index. Response. [Article original]. *Rev Esp Cardiol*. 2011;64(8):729-730. PMID:21683501. **FI: 2.157**

Baena J, Alzamora M, Forés R, Pera G, Torán P, Sorribes M. Ankle-brachial index improves the classification of cardiovascular risk:PERART/ARTPER Study. [Article original]. *Rev Esp Cardiol*. 2011;64(3):186-192. PMID:21330032. **FI: 2.157**

Forés R, Alzamora M, Baena J, Pera G. ¿A quién medir el índice tobillo-brazo?. [Carta al director]. *Med Clin (Barc)*. 2011;137(6):282. PMID:21295789. **FI: 1.413**

López-Cancio E, Dorado L, Millán M, Reverté S, Suñol A, Massuet A, Mataró M, Galán A, Alzamora M, Pera G, Torán P, Dávalos A, Arenillas JF. The population-based Barcelona-Asymptomatic Intracranial Atherosclerosis Study (ASIA): rationale and design. *BMC Neurol*. 2011 Feb 17;11:22. PubMed PMID: 21329527; PubMed Central PMCID: PMC3050686. **FI: 2.797**

Puig N, Lladó MM, Seco MC, Gómez A, Medina M, Riera R, Pera G. Evaluación de una intervención educativa grupal en el control de pacientes con riesgo cardiovascular. [Article original]. *Enferm Clin*. 2011;21(5):238-247. PMID:21723176.

Domingo M, Lupón J, González RB, Crespo E, López R, Ramos A, Urrutia A, Pera G, Verdú J, Bayes-Genis A. Non-invasive remote telemonitoring for ambulatory patients with heart failure: effect on number of hospitalizations, days in hospital, and quality of life. CARME (Catalan Remote Management Evaluation) study. [Article original]. *Rev Esp Cardiol*. 2011;64(4):277-285. PMID:21411210. **FI: 2.157**

Casals E, Mercadé I, Aulesa C, Ramis J, Alsina M, Sabaté M, Esquerda A, Peña C, Serrat N, Cabrero D, Llovet M, Jané M, Alumà A, Minchinela J, Navarro R, Mora F, Martínez E. Utilidad de la inhibina A en el cribado de síndrome de Down en el segundo trimestre. [Article original]. *Diagnóstico Prenatal*. 2011;22(4):113-116.

FI TOTAL: 14.767

Prizes

Premi a la millor publicació en revista científica. *European Journal of Gastroenterology & Hepatology*. Prevalence and factors associated with the presence of nonalcoholic fatty liver disease in an adult population in Spain. Cabañer L, Pera G, Auladell M, Torán P, Muñoz L, Miranda M, Alumà A, Casas J, Sánchez MC, Gil D, Aubà J, Tibau A, Canut S, Bernad J, Aizpurua M.

Millor treball de Recerca. Jornades de Residents de Barcelona. Exposició a la contaminació ambiental i risc de malaltia cardiovascular. Estudi ARPER. Alzamora MT, Forés R, Pera G.

Thesis 2011

Doctorand: Auladell M. Prevalença i factors associats a la presència d'esteatosi hepàtica no alcohòlica en població general. Barcelona: Facultat de Medicina, Universitat de Barcelona. Data lectura: 25/05/2011.

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:

Bonaventura Bolívar Ribas



RESEARCHERS:

Valeria Pacheco Huergo
Clara Pareja Rossell
Josep Casajuana Brunet
Arantxa Catalan Ramos
Josep Davins Miralles
Sebastià Juncosa Font
Concepció Violan Fors
Antoni Sicras Mainar
Begoña Iglesias Pérez
Enriqueta Pujol Ribera
Josep Manel Picas Vidal
Joan Gené Badia
Alba Aguado Jodar

Research projects 2010

IP: Eva Comin Bertran. *Impacte de la implementació de guies de pràctica clínica electròniques sobre patologia cardiovascular en Atenció Primària*. Entitat Financadora: Agència Avaluació de Tecnologia Mèdica. Durada: 2010 - 2012

IP: Juan Angel Bellon Saameño. *Reducción del uso de servicios de los pacientes hiperutilizadores de atención primaria mediante la intervención "7H+T"*. Ensayo aleatorio controlado de conglomerados. El estudio "7H+T". Entitat Financadora: Junta de Andalucía. Durada: 2010 - 2011

IP: Antoni Sicras Mainar. *Factores clínicos determinantes de utilización de los servicios en AP: perfil de usuarios y modelos predictivos de utilización; morbilidad, efectividad y costes, estrategias de implantación*. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2009 - 2012

- IP:** Miquel Barcons Vilaplana. *Utilidad del TKS-Score como modelo pronóstico de supervivencia para pacientes con cáncer terminal asistidos en domicilio por equipos de soporte*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2010
- IP:** Àngels Ondiviela Cariteu. *Descripción y comparación de los servicios de Atención domiciliaria en Europa y 4 comunidades autónomas*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2010
- IP:** Bonaventura Bolívar Ribas. *The appropriateness of prescribing antibiotics in primary health care in Europe with respect to antibiotic resistance*. Entitat Finançadora: European Commission. Durada: 2009 - 2012
- IP:** Montse Balagué Corbella. *Efectivitat d'una intervenció multidisciplinària en l'evolució de la lumbàlgia subaguda inespecífica en població activa*. Entitat Finançadora: Fundació La Marató de TV3. Durada: 2008 - 2010
- IP:** Rosa Morros Pedrós. *Efectividad de los inhibidores del eje renina-angiotensina en pacientes con diabetes mellitus tipo 2 e hipertensión arterial en Catalunya. Estudio de cohortes IERACAT*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2012
- IP:** Bonaventura Bolívar Ribas. *Mapping Professional Home Care in Europe -EURHOMAP-*. Entitat Finançadora: DG Sanco. Durada: 2007 - 2011
- IP:** Valeria Pacheco Huergo. *Medida de percepción en enfermedades crónicas: Versión española del Illness Perception Questionnaire Revised (IPQ-R) y del Brief Illness Perception Questionnaire (BIPQ)*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2004 - 2011

Research projects 2011

- IP:** Daniel Prieto Alhambra. *Cumplimiento y respuesta inadecuada asociadas al uso de bisfosfonatos en Atención Primaria (CUTE-REINA-BIS)*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** Mènci Benítez Camps. *Evaluación de la relación entre paracetamol efervescente y presión arterial. Ensayo clínico*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** Rafel Ramos Blanes. *Medida de la efectividad de las estatinas en la reducción de morbi-mortalidad vascular en la población sin antecedentes de enfermedad vascular atendida en Atención primaria con Riesgo Intermedio e índice tobollizo brazo patológico. Estudio MARIA*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** Cristina Vedia Urgell. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** Jose Miguel Baena Diez. *Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** M^a del Mar García Gil. *Análisis del Coste-Efectividad del Tratamiento con Estatinas en la Prevención Primaria de Eventos Vasculares. Proyecto EPREV*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** Eduardo Diogène Fadini. *Estudio de las condiciones de uso de los nuevos fármacos antidiabéticos y de la adecuación de su prescripción a las recomendaciones de una guía de práctica clínica a partir de la información de la historia clínica informatizada de atención primaria del Institut Català de la Salut*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** Manel Segarra Valls. *Estudi de l'adequació de colonoscòpies: de l'atenció primària a l'hospital*. Entitat Finançadora: Departament de Salut. Durada: 2011 - 2012
- IP:** Bernardo Costa Pinel. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Entitat Finançadora: European Commission. Durada: 2011 - 2015
- IP:** M^a del Mar García Gil. *El Rol de las Estatinas en Prevención Primaria de Eventos Cardiovasculares en población con Enfermedad Renal Crónica (ERC). Proyecto ECERC*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** M^a Mar Domingo Teixidor. *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*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** Carlos Martín Cantera. *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)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Carlos Martín Cantera. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Entitat Finançadora: Fundació Mutua Madrileña. Durada: 2010 - 2012

IP: Antoni Sicras Mainar. *Factores clínicos determinantes de utilización de los servicios en AP: perfil de usuarios y modelos predictivos de utilización; morbilidad, efectividad y costes, estrategias de implantación*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2012

IP: Edurne Zabaleta del Olmo. *Adaptación, desarrollo y validación de un cuestionario para medir el desarrollo de la práctica enfermera basada en la evidencia en el contexto de la Atención Primaria de Salud*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2011

Articles 2010

Rodríguez-Blanco T, Fernández MI, Balagué M, Berenguera A, Montiel E, Moix J, Núñez E, Pujol E. Study protocol of effectiveness of a biopsychosocial multidisciplinary intervention in the evolution of non-specific sub-acute low back pain in the working population: cluster randomised trial. *BMC Health Serv Res*. 2010;10:12-20. PMID:20067619. **FI: 1.721**

Sicras-Mainar A, Pané-Mena O, Martínez-Ruiz T, Fernández-Roure JL, Prats-Sánchez J, Santafé L, Navarro-Artieda R, Prados-Torres A, Estelrich-Bennasar J. Adjusted clinical groups use at a Spanish primary care center: a retrospective, population-based study. *Rev Panam Salud Publica*. 2010;27(1):49-55. PMID:20209232. **FI: 0.762**

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Sicras-Mainar A, Blanca-Tamayo M, Gutiérrez-Nicuesa L, Salvatella-Pasant J, Navarro-Artieda R. Clinical validity of a population database definition of remission in patients with major depression. *BMC Public Health*. 2010 Feb 11;10:64. PubMed PMID: 20149222; PubMed Central PMCID: PMC2829005. **FI: 2.364**

Sicras-Mainar A, Fernández de Bobadilla J, Navarro-Artieda R, Rejas-Gutiérrez J. All-cause mortality and incidence of major cardiovascular events in hypertensive patients with ASCOT-type profile in a Spanish population setting. *Aten Primaria*. 2010 Aug;42(8):420-30. Epub 2010 Feb 8. PubMed PMID:20116891. **FI: 0.619**

Sicras-Mainar A, Blanca-Tamayo M, Gutiérrez-Nicuesa L, Salvatella-Pasant J, Navarro-Artieda R. [Impact of morbidity, resource use and costs on maintenance of remission of major depression in Spain: a longitudinal study in a population setting]. *Gac Sanit*. 2010 Jan-Feb;24(1):13-9. Epub 2009 Jul 30. PubMed PMID: 19646795. **FI: 1.114**

Argimon J, Flores G, Jiménez J, Pujol E. Psychometric properties of a test in evidence based practice: the Spanish version of the fresno test. *BMC Med Educ*. 2010;10:45. PMID:20553577.

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Sicras-Mainar A, Navarro-Artieda R, Blanca-Tamayo M, Gimeno-de la Fuente V, Salvatella-Pasant J. Comparison of escitalopram vs. citalopram and venlafaxine in the treatment of major depression in Spain: clinical and economic consequences. *Curr Med Res Opin*. 2010;26(12):2757-64. PMID:21034375. **FI: 2.609**

FI TOTAL: 14.204

Articles 2011

Puente D, Zabaleta E, Rodríguez-Blanco T, Cabanas M, Monteagudo M, Pueyo M, Jané M, Mestre N, Mercade M, Bolívar B. Gender differences in sexual risk behavior among adolescents in Catalonia, Spain. [Article original]. *Gac Sanit*. 2010;25(1):13-19. PMID:21315492. **FI: 1.114**

Gómez-Marcos MA, Recio-Rodríguez JJ, Patino-Alonso MC, Agudo-Conde C, Gómez-Sánchez L, Rodríguez-Sánchez E, Martín-Cantera C, García-Ortiz L. Relationship between intima media thickness of the common carotid artery and arterial stiffness in subjects with and without type 2 diabetes: A case series report. [Article original]. *Cardio-vasc Diabetol*. 2011 Jan 12;10(1):3-3. PMID:21226947. **FI: 2.720**

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- Berenguera A, Pujol-Ribera E, Violan C, Romaguera A, Mansilla R, Gimenez A, Ascaso C, Almeda J. Core indicators evaluation of effectiveness of HIV-AIDS preventive-control programmes carried out by Nongovernmental organizations. A mixed method study. [Article original]. *BMC Health Serv Res*. 2011;28(11):176. PMID:21798020. **FI: 1.721**
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- Costa B, Cabre JJ, Sagarra R, Sola-Morales O, Barrio F, Pinol JL, Cos X, Bolibar B, Castell C, Kissimova-Skarbek K, Tuomilehto J; The DE-PLAN-CAT/PREDICE Research group. Rationale and design of the PREDICE project: Cost-Effectiveness of Type 2 diabetes prevention among high-risk Spanish individuals following lifestyle intervention in real-life primary care setting. [Article original]. *BMC Public Health*. 2011;11(1):623. PMID:21831332. **FI: 2.364**
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Sicras-Mainar A, Navarro-Artieda R, Ruíz-Torrejón A, Prados-Torres A; en representación del Grupo ACG España. [Influence of chronic co-morbidity on health costs]. *Med Clin (Barc)*. 2012 Feb 25;138(4):179-80. Epub 2011 Jul 31. Spanish. PubMed PMID: 21807389. **FI: 1.413**

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Pacheco V, Pujol E, Cabezas C, Nuñez M, Roura P, Amado E, Núñez E, del Val JL. Percepción en enfermedades crónicas: validación lingüística del Illness Perception Questionnaire Revised y del Brief Illness Perception Questionnaire para la población española. [En prensa]. *Aten Primaria*. 2011. *Aten Primaria*. 2011. En prensa: doi:10.1016/j.aprim.2010.11.022 **FI: 0.619**

Flores-Mateo G, Grau M, O'Flaherty M, Ramos R, Elosua R, Violan-Fors C, Quesada M, Martí R, Sala J, Marrugat J, Capewell S. Analyzing the Coronary Heart Disease Mortality Decline in a Mediterranean Population: Spain 1988-2005. [Article original]. *Rev Esp Cardiol*. 2011;64(11):988-996. PMID:21962958. **FI: 2.157**

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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; en representación del Grupo de Estudio ACG. [Comparison of three methods for measuring multiple morbidity according to the use of health resources in primary healthcare.]. *Aten Primaria*. 2011 Oct 18. [Epub ahead of print] Spanish. PubMed PMID: 22014855 **FI: 0.619**

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Pujol E, Monteagudo M, Berenguera A. Editorial: Investigación cualitativa en atención primaria de salud: Situación actual, aportaciones y algunos retos. [Article original]. *Revista Clínica Electrónica en Atención Primaria*. 2011;http://www.fbjoseplaporte.org/rceap/articulo2.php?idnum=19&art=editorial

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Mahtani-Chugani V, Axpe-Caballero A, Berenguera A, Sanz E J. Algunas cuestiones pendientes: evaluación de la investigación cualitativa en convocatorias competitivas: "no midas mi peso con una jarra". [Article original]. *Revista Clínica Electrónica en Atención Primaria*. 2011;1:1-1.

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Romero A, Sued O, Puig T, Esteve A, Pumarola T, Casabona J, González V, Matas L, Tural C, Rodrigo I, Margall N, Domingo P, Casanova A, Ferrer E, Caballero E, Ribera E, Farré J, Puig T, Amengual MJ, Navarro G, Prat JM, Masabeu A, Simó JM, Villaverde CA, Barrufet P, Sauca MG, Ortín X, Ortí A, Navarro R, Euras JM, Vilaró J, Villà MC, Montull S, Vilanova C, Pujol F, Díaz O, Miró JM; AERI study Group. Prevalence of transmitted antiretroviral resistance and distribution of HIV-1 subtypes among patients with recent infection in Catalonia (Spain) between 2003 and 2005. [Article original]. *Enferm Infecc Microbiol Clin*. 2011;29(7):482-489. PMID:21543135. **FI: 1.656**

Violan C, Prats M, Bolívar I. Cardio. [Article original]. *Butlletí de la CAMFIC*. 2011;12:35-68.

FI TOTAL: 44.712

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:

Raül Azagra Ledesma



RESEARCHERS:

Víctoria Sabaté Cintas
Genís Roca Figueras
Amada Aguyé Batista
Marta Zwart Salmeron
Nuria Puchol Ruiz
Enrique Casado Burgos
Sergi Ortiz Alinque
Pilar Sancho Campos
Juan Carlos Martín Sánchez
Gloria Encabo Duró
Manuela Fuentes Díaz
Emili Gené Tous
Adolf Díez Pérez
Milagros Iglesias Martinez

Research projects 2010

IP: Raül Azagra Ledesma. *Predicción del riesgo absoluto de fractura por fragilidad a 10 años en población española. Validación de la herramienta FRAX de la OMS-2008 en España.* Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Josep Maria Bonet Simo. *Estudi d'intervenció per millorar el suport social en cuidadores.* Entitat Financadora: Departament de Salut. Durada: 2009 - 2010

Research projects 2011

IP: Marta Zwart Salmeron. Determinació de la Qualitat de Vida relacionada amb la Salut (QVRS) en població masculina amb osteoporosi i /o fractura osteoporòtica. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2011 - 2012

IP: Rafael Azagra Ledesma. Predicción del riesgo absoluto de fractura por fragilidad a 10 años en población española. Validación de la herramienta FRAX de la OMS-2008 en España. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

Articles 2010

Fabra A, Rubio M, Sabaté V, Pablos E. Sacroilitis en mujer joven. *Semergen*. 2010;36:230-232.

Fabra A, Sabaté V, Vila J. Estás ictérico, ¿qué has comido? *Semergen*. 2010;36:477-479.

Pablos E, Sabaté V, Fabra A. Dona amb astènia: panarteritis nodosa microvascular. *Butlletí de la SCMFIC*. 2010;28:3.

Pablos E, Tatjer M, Fabra A, Sabaté V. El hombre que se puso rojo. *Revista Medicina General (SEMG)*. 2010;128:236-237.

Fabra A, Pablos E, Sabaté V, Baré M. Doctora, creo que tengo gripe: necesito descansar unos días. *Revista Medicina General (SEMG)*. 2010;131:620-621.

Fabra A, Herrero V, Sabaté V. Ependimoma mixopapilar. *Butlletí de la SCMFIC*. 2010;28:3.

Gené E, Garcia I, Barenys MM, Abad A, Azagra R, Calvet X. La coordinación entre atención primaria y especializada de digestivo es insuficiente. Resultados de una encuesta realizada a gastroenterólogos y médicos de familia. *Gastroenterol Hepatol*. 2010;33(8):555-562. PMID:20675017.

Articles 2011

Azagra R, Prieto D, Encabo G, Casado E, Aguyé A, Díez A; grupo de estudio FRIDEX. Utilidad de la herramienta FRAX en el tratamiento de la osteoporosis en población femenina española. [Article original]. *Med Clin (Barc)*. 2011;136(14):613-619. PMID:21349558. **FI: 1.413**

Zwart M, Azagra R, Encabo G, Aguyé A, Güell S, Puchol N, Gené E, Lopez F, Solà S, Ortiz S, Sancho P, Iglesias M, Pujol J, Díez A. Measuring health-related quality of life in men with osteoporosis or osteoporotic fracture. [Article original]. *BMC Public Health*. 2011;11:775. PMID:21981790. **FI: 2.364**

Azagra R, Roca G, Zwart M, Encabo G. Diferencias en los valores predictivos de la herramienta FRAXtm entre población española y del Reino Unido y consideraciones sobre el umbral de intervención. [Carta al director]. *Med Clin (Barc)*. 2011;137(15):713-714. PMID:21601890. **FI: 1.413**

Azagra R, Roca G, Encabo G, Prieto D, Aguyé A, Zwart M, Güell S, Puchol N, Gené E, Casado E, Sancho P, Solà S, Torán P, Iglesias M, Sabaté V, Lopez F, Ortiz S, Fernandez Y, Díez A. Prediction of absolute risk of fragility fracture at 10 years in a Spanish population: validation of the WHO FRAX[®] tool in Spain. [Protocol i Aspectes Metodològics]. *BMC Musculoskelet Disord*. 2011;12:30. PMID:21272372. **FI: 1.941**

FI: 7.131

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 infradiagnosis of occupational asthma and its repercussion on the demand for health services.
Study of the effectiveness of different types of interventions for ending the smoking habit.

GROUP LEADER:

Lydia Roig Remon



RESEARCHERS:

Enric Hernandez Huet
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Margarita Jordà Recort
Gemma Mota Jimenez
Núria Albi Visús
Ventura Rabell Santacana
Francesc Balaguer Garriga
Rosa Vila Rigat
Joan Pujol Ribó
Joan Sivecas Maristany
F. Xavier Blanche Prat
Rafael Panadès Valls
Santiago Pérez Tortosa

Research projects 2010

IP: Carlos Martin Cantera. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria.* Entitat Finançadora: Fundación Mutua Madrileña. Durada: 2010 - 2012

IP: Santiago Pérez Tortosa. *Ensayo comunitario de intervención para la deshabituación tabáquica con consejo intensivo en pacientes diabéticos en atención primaria de salud.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2010

IP: Ventura Rabell Santacana. *Asma ocupacional. Impacte a l'atenció primària.* Entitat Finançadora: IDIAP Jordi Gol. Durada: 2009 - 2010

IP: Daniel Prieto Alhambra. *Els nivells de risc per patir una Lesió per Trànsit en Atenció Primària. Projecte LESIONAT.* Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2008 - 2010

Research projects 2011

IP: Esther Pastor Ramon. *Medicación inhalada en pacientes de edad avanzada, efectividad en relación a la fragilidad y deterioro cognitivo: Estudio INOLD*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Carlos Martin Cantera. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Entitat Finançadora: Fundación Mutua Madrileña. Durada: 2010 - 2012

Articles 2010

Roig L, Pérez S, Prieto G, Martin C, Advani M, Armengol A, Roura P, Manresa JM, Briones EM, ITADI Study Group. Cluster randomized trial in smoking cessation with intensive advice in diabetic patients in primary care. ITADI Study. BMC Public Health. 2010;10:58. PMID:20132540. **FI: 2.364**

Martin C, Prieto D, Roig L, Valiente S, Perez K, García L, Bel J, Marqués F, Mundet X, Bonafont X, Birulés M, Soldevila N, Briones E, LESIONAT Research Group. Risk levels for suffering a traffic injury in primary health care. The LESIONAT project. BMC Public Health. 2010;10:136. PMID:20233403. **FI: 2.364**

FI TOTAL: 4.728

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:

Rafel Ramos Blanes



RESEARCHERS:

Ferran Cordon Granados
Miquel Quesada Sabaté
Pascual Solanas Saura
Carlos Cerezo Goyeneche

Research projects 2010

IP: Àlex Llobera Serentill. *Mejora del control de los factores de riesgo cardiovascular en pacientes con arteriopatía periférica mediante una intervención educativa, tipo feedback, a los médicos de atención primaria.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2010

IP: Miquel Quesada Sabaté. *Arteriopatía periférica. Prevalença, factors associats i risc cardiovascular.* Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2010 - 2011

IP: Rosa Morros Pedrós. *Efectividad de los inhibidores del eje renina-angiotensina en pacientes con diabetes mellitus tipo 2 e hipertensión arterial en Catalunya. Estudio de cohortes IERACAT.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2012

Research projects 2011

IP: Rafel Ramos Blanes. *Avances en el manejo del riesgo intermedio. Estudio MARK (improving interMediAte RiSk management)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2011 - 2013

IP: Rafel Ramos Blanes. *Medida de la efectividad de las estatinas en la reducción de morbi-mortalidad vascular en la población sin antecedentes de enfermedad vascular atendida en Atención primaria con Riesgo Intermedio e índice tobillo brazo patológico. Estudio MARIA*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: M^a del Mar García Gil. *Análisis del Coste-Efectividad del Tratamiento con Estatinas en la Prevención Primaria de Eventos Vasculares. Proyecto EPREV*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: M^a del Mar García Gil. *El Rol de las Estatinas en Prevención Primaria de Eventos Cardiovasculares en población con Enfermedad Renal Crónica (ERC). Proyecto ECERC*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

Articles 2010

Rodríguez A, Quesada M, Coll G, Caula J, Gelada E, Gómez MA, Garre J, García L, Comalada C, Ramos R. Prevalence of occult chronic kidney disease and associated variables in a population of patients with type 2 diabetes. *Med Clin (Barc)*. 2010;134(6):239-45. PMID:20056255. **FI: 1.413**

González-ZobI G, Grau M, Muñoz MA, Martí R, Sanz H, Sala J, Masiá R, RohlfS I, Ramos R, Marrugat J, Elosua R. Socioeconomic Status and Risk of Acute Myocardial Infarction. Population-Based Case-Control Study. *Rev Esp Cardiol*. 2010;63(9):1045-53. PMID:20804700. **FI: 2.157**

Gómez MA, Rodríguez E, Recio JI, Martín C, Ramos R. Differences between the CKD-EPI and the MDRD equations when estimating the glomerular filtration rate in hypertensive patients. *Nefrologia*. 2010;30(4):458-462. PMID:20651888. **FI: 0.738**

Ramos R, Guillem MS, Climent AM, Millet J, Berne P, Brugada J, Brugada R. Conduction abnormalities in the right ventricular outflow tract in Brugada syndrome detected by body surface potential mapping. *Conf Proc IEEE Eng Med Biol Soc*. 2010;1:2537-2540. PMID:21096440.

Marrugat J, Sala J, Ramos R, Baena JM, Elosua R. Cardiovascular prevention: current progress and the long road to travel. *Rev Esp Cardiol*. 2010;63(2):49-54. PMID:20540900. **FI: 2.157**

Assimes TL, Holm H, Kathiresan S, Reilly MP, Erdman J, Marrugat J, Sala J, Ramos R, et al. Lack of association between the Trp719Arg polymorphism in kinesin-like protein-6 and coronary artery disease in 19 case-control studies. *J Am Coll Cardiol*. 2010;56(19):1552-1563. PMID:20933357. **FI: 14.292**

Sala J, Ramos R, Masià R, Solanas P, Cordon F, Marrugat J, Grau M, Subirana I, Elosua R, Fitó M, Covas MI, Nieto FJ. Why should population attributable fractions be periodically recalculated? An example from cardiovascular risk estimation in southern Europe. *Prev Med*. 2010;51(1):78-84. PMID:20362610. **FI: 3.299**

Quesada M, Ramos R, Cubí R, Avellana E, Pijiula M, Monfort R. Final results of a multifactorial and community intervention study for the prevention of falls in the elderly. *Aten Primaria*. 2010;42(4):211-7. PMID:19819593. **FI: 0.619**

FI TOTAL: 24.675

Articles 2011

Ramos R, Baena-Díez JM, Quesada M, Solanas P, Subirana I, Sala J, Alzamora M, Forès R, Masiá R, Elosua R, Grau M, Cerdón F, Pera G, Rigo F, Martí R, Ponjoan A, Cerezo C, Brugada R, Marrugat J. Derivation and validation of REASON: a risk score identifying candidates to screen for peripheral arterial disease using ankle brachial index. [Article original]. *Atherosclerosis*. 2011;214(2):474-9. PMID:21167488. **FI: 4.086**

Puente D, Cabezas C, Rodríguez-Blanco T, Fernández-Alonso C, Cebrian T, Torrecilla M, Clemente L, Martín C; the ISTAPS study group investigators. The role of gender in a smoking cessation intervention: a cluster randomized clinical trial. [Article original]. *BMC Public Health*. 2011;11(1):369. PMID:21605389. **FI: 2.364**

Marrugat J, Baena JM, Ramos R, Elosua R, Sala J, Grau M, Subirana I, Fitó M. Relative validity of the 10-year cardiovascular risk estimate in a population cohort of the REGICOR study. [Article original]. *Rev Esp Cardiol*. 2011;64(5):385-394. PMID:21482004. **FI: 2.157**

Romo N, Fitó M, Gumá M, Sala J, García C, Ramos R, Muntasell A, Masià R, Bruguera J, Subirana I, Vila J, de Groot E, Elosua R, Marrugat J, López-Botet M. Association of atherosclerosis with expression of the LILRB1 receptor by human NK and T-cells supports the infectious burden hypothesis. *Arterioscler Thromb Vasc Biol*. 2011 Oct;31(10):2314-21. Epub 2011 Aug 4. PubMed PMID: 21817101. **FI: 7.215**

Redondo A, Benach J, Subirana I, Martinez JM, Muñoz MA, Masià R, Ramos R, Sala J, Marrugat J, Elosua R. Trends in the Prevalence, Awareness, Treatment, and Control of Cardiovascular Risk Factors across Educational Level in the 1995-2005 Period. [Article original]. *Ann Epidemiol*. 2011;21(8):555-563. PMID:21435903. **FI: 3.238**

Bosch D, Vila J, Subirana I, Heras M, Sanchis J, Grau M, Brugada R, Masià R, Sala J, Ramos R, Elosua R, Marrugat J. Effect of opening a new catheterization laboratory on 30-day and 2-year survival rates in myocardial infarction patients. [Article original]. *Rev Esp Cardiol*. 2011;64(2):96-104. PMID:21272983. **FI: 2.157**

Reilly MP, Li M, Ferguson JF, Stylianou IM, Metha NN, Burnet MS, Myocardial Infarction Genetics Consortium, Elosua R, Marrugat J, Ramos R, Sala J. Identification of ADAMTS7 as a novel locus for coronary atherosclerosis and association of ABO with myocardial infarction in the presence of coronary atherosclerosis: two genome-wide association studies. [Article original]. *Lancet*. 2011;377(9763):383-392. PMID:21239051. **FI: 33.633**

Rivera M, Zechmeister H, Medina-Ramon M, Basagaña X, Foraster M, Bouso L, Moreno T, Vizcaya D, Deltell A, Ramos R, Solanas P. Monitoring of heavy metal concentrations in home outdoor air using moss bags. [Article original]. *Environ Pollut*. 2011;159(4):954-962. PMID:21232838. **FI: 3.395**

Solanas Saura P, Marzo Castillejo MM; los miembros del grupo de trabajo. Copayments: conclusions from the scientific evidence. SemFYC document, October 2010. [Article original]. *Aten Primaria*. 2011;43(1):1-2. PMID:21255706. **FI: 0.619**

Flores-Mateo G, Grau M, O'Flaherty M, Ramos R, Elosua R, Violan-Fors C, Quesada M, Martí R, Sala J, Marrugat J, Capewell S. Analyzing the Coronary Heart Disease Mortality Decline in a Mediterranean Population: Spain 1988-2005. [Article original]. *Rev Esp Cardiol*. 2011;64(11):988-996. PMID:21962958. **FI: 2.157**

Martí R, Parramon D, García-Ortiz L, Rigo F, Gómez-Marcos MA, Sempere I, García-Regalado N, Recio-Rodríguez JI, Agudo-Conde C, Feuerbach N, García-Gil M, Ponjoan A, Quesada M, Ramos R. Improving interMediAte risk management. MARK study. [Artículo original]. *BMC Cardiovasc Disord*. 2011;11:61. PMID:21992621. **FI: 2.021**

FI TOTAL: 63.042

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:

Carlos Martin Cantera

RESEARCHERS:

José Luis Ballvé Moreno
Santiago Pérez Tortosa
Silvia Granollers Mercade
Lydia Roig Remon
Daniel Prieto Alhambra
Maria Giné Garriga
Carme Martin Borràs
Anna Puig Ribera

Research projects 2010

IP: M^a Mar Domingo Teixidor. *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*. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: M^a Isabel Vidal Galiano. *Lumbalgia crónica: ensayo clínico comparativo entre la reflexoterapia podal unida a un programa breve de educación para el autocuidado de la espalda y un programa de escuela de espalda activo*. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Rafael Azagra Ledesma. *Predicción del riesgo absoluto de fractura por fragilidad a 10 años en población española. Validación de la herramienta FRAX de la OMS-2008 en España*. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Carlos Martin Cantera. *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). Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Carlos Martin Cantera. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Entitat Financadora: Fundación Mutua Madrileña. Durada: 2010 - 2012

- IP:** Santiago Pérez Tortosa. *Ensayo comunitario de intervención para la deshabituación tabáquica con consejo intensivo en pacientes diabéticos en atención primaria de salud*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2010
- IP:** Maria Giné Garriga. *Avaluació de l'efectivitat d'un programa d'equilibri i força d'extremitats inferiors per millorar els parametres físics de fragilitat en gent gran independent: assaig clínic aleatòri controlat*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2009 - 2010
- IP:** Joan Carles Contel Segura. *Impacto del modelo de gestión de casos en la mejora de la atención a pacientes crónicos "complejos" en la atención primaria de salud*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010
- IP:** Daniel Prieto Alhambra. *Els nivells de risc per patir una Lesió per Trànsit en Atenció Primària. Projecte LESIONAT*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFIC). Durada: 2008 - 2010
- IP:** Maria Giné Garriga. *Promoción de la actividad física desde los centros de Atención Primaria. Ensayo clínico aleatorio controlado*. Durada: 2008 - 2010

Research projects 2011

- IP:** Daniel Prieto Alhambra. *Cumplimiento y respuesta inadecuada asociadas al uso de bisfosfonatos en Atención Primaria (CUTE-REINA-BIS)*. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012
- IP:** Assumpta Ferrer Feliu. *Ensayo clínico aleatorizado de caídas y malnutrición en personas de 85 años en la comunidad*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** M^a Mar Domingo Teixidor. *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*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** M^a Isabel Vidal Galiano. *Lumbalgia crónica: ensayo clínico comparativo entre la reflexoterapia podal unida a un programa breve de educación para el autocuidado de la espalda y un programa de escuela de espalda activo*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** Rafael Azagra Ledesma. *Predicción del riesgo absoluto de fractura por fragilidad a 10 años en población española. Validación de la herramienta FRAX de la OMS-2008 en España*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011
- IP:** Carlos Martin Cantera. *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)*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012
- IP:** Carlos Martin Cantera. *Comorbilidad, medicaciones crónicas y seguridad vial: Estudio de una cohorte de conductores atendidos en atención primaria*. Entitat Finançadora: Fundación Mutua Madrileña. Durada: 2010 - 2012

Articles 2010

- Puig-Ribera A, Eves FF. Promoting stair climbing in Barcelona: similarities and differences with interventions in English-speaking populations. *Eur J Public Health*. 2010;20(1):100-2. PMID:19435797. **FI: 2.267**
- Ballvé JL, Pujol G, Eguinoa B, Castella C, Moreno JL. La comunicación interna en atención primaria, una aproximación cualitativa. *Aten Primaria*. 2010;42:186-187. PMID:19628307. **FI: 0.619**
- Roig L, Pérez S, Prieto G, Martin C, Advani M, Armengol A, Roura P, Manresa JM, Briones EM, ITADI Study Group. Cluster randomized trial in smoking cessation with intensive advice in diabetic patients in primary care. ITADI Study. *BMC Public Health*. 2010;10:58. PMID:20132540. **FI: 2.364**
- Martin C, Prieto D, Roig L, Valiente S, Perez K, García L, Bel J, Marqués F, Mundet X, Bonafont X, Birulés M, Soldevila N, Briones E, LESIONAT Research Group. Risk levels for suffering a traffic injury in primary health care. The LESIONAT project. *BMC Public Health*. 2010;10:136. PMID:20233403. **FI: 2.364**
- García L, Recio J, Martin C, Cabreja A, Gómez A, Gonzalez M, Iturregui E, Patino M, Gómez M, group E. Physical exercise, fitness and dietary pattern and their relationship with circadian blood pressure pattern, augmentation index and endothelial dysfunction biological markers: EVIDENT study protocol. *BMC Public Health*. 2010;10(1):233. PMID:20459634. **FI: 2.364**
- Nogues X, Servitja S, Peña MJ, Prieto-Alhambra D, Nadal R, Mellibovsky L, Albanell J, Diez-Perez A, Tusquets I. Vitamin D deficiency and bone mineral density in postmenopausal women receiving aromatase inhibitors for early breast cancer. *Maturitas*. 2010;66(3):291-297. PMID:20399042. **FI: 2.286**

Prieto-Alhambra D, Javaid MK, Servitja S, Arden NK, Martínez-García M, Díez-Pérez A, Albanell J, Tusquets I, Nogues X. Vitamin D threshold to prevent aromatase inhibitor-induced arthralgia: a prospective cohort study. *Breast Cancer Res Treat*. 2011 Feb;125(3):869-78. Epub 2010 Jul 28. PubMed PMID: 20665105. **FI: 4.859**

Prieto-Alhambra D, Javaid MK, Judge A, Maskell J, Kiran A, Cooper C, Arden NK. Bisphosphonate use and risk of post-operative fracture among patients undergoing a total knee replacement for knee osteoarthritis: a propensity score analysis. *Osteoporos Int*. 2011 May;22(5):1555-71. Epub 2010 Aug 7. PubMed PMID: 20694456. **FI: 4.859**

Prieto-Alhambra D, Judge A, Pazianas M. High-dose oral vitamin D supplementation and risk of falls in older women. *JAMA*. 2010;304(8):854-855. PMID:20736463. **FI: 30.011**

Prieto-Alhambra D, Javaid MK, Maskell J, Judge A, Nevitt M, Cooper C, Arden NK. Changes in hip fracture rate before and after total knee replacement due to osteoarthritis: a population-based cohort study. *Ann Rheum Dis*. 2011 Jan;70(1):134-8. Epub 2010 Oct 26. PubMed PMID: 20980287. **FI: 9.082**

Prieto-Alhambra D, Pages Castella A. Estimación del riesgo de fractura mediante la escala FRAX. *FMC-Formación Médica Continuada en Atención Primaria*. 2010;17(7):473-474.

Gómez MA, Rodríguez E, Recio JI, Martín C, Ramos R. Differences between the CKD-EPI and the MDRD equations when estimating the glomerular filtration rate in hypertensive patients. *Nefrología*. 2010;30(4):458-462. PMID:20651888. **FI: 0.738**

Ortega G, Castellà C, Martín-Cantera C, Ballvé JL, Díaz E, Saez M, Lozano J, Rofes L, Morera C, Barceló A, Cabezas C, Pascual JA, Pérez-Ortuño R, Saltó E, Valverde A, Jané M; BIBE Study Group. Passive smoking in babies: The BIBE Study (Brief Intervention in babies. Effectiveness). *BMC Public Health*. 2010;10(1):772. PMID:21171981. **FI: 2.364**

Lapena C, Granollers S, Orozco E, Muñoz A, Pedret R, Roca B. Traslados en enfermería: movilidad voluntaria en clave migratoria. *Metas de enfermería*. 2010;13(7):62-65.

FI TOTAL: 64.177

Articles 2011

Prieto-Alhambra D, Javaid MK. Aromatase inhibitor-induced arthralgia: is vitamin D deficiency responsible? *Maturnitas*. 2011 May;69(1):3-4. Epub 2011 Jan 31. PubMed PMID: 21277123. **FI: 2.286**

Azagra R, Prieto D, Encabo G, Casado E, Aguyé A, Díez A; grupo de estudio FRIDEX. Utilidad de la herramienta FRAX en el tratamiento de la osteoporosis en población femenina española. [Article original]. *Med Clin (Barc)*. 2011;136(14):613-619. PMID:21349558. **FI: 1.413**

Gómez-Marcos MA, Recio-Rodríguez JI, Patino-Alonso MC, Agudo-Conde C, Gómez-Sánchez L, Rodríguez-Sánchez E, Martín-Cantera C, García-Ortiz L. Relationship between intima media thickness of the common carotid artery and arterial stiffness in subjects with and without type 2 diabetes: A case series report. [Article original]. *Cardiovasc Diabetol*. 2011 Jan 12;10(1):3-3. PMID:21226947. **FI: 2.720**

Prieto-Alhambra D, Javaid MK, Judge A, Maskell J, Kiran A, de Vries F, Cooper C, Arden NK. Fracture risk before and after total hip replacement in patients with osteoarthritis: Potential benefits of bisphosphonate use. [Article original]. *Arthritis Rheum*. 2011 Apr;63(4):992-1001. PMID:21452321. **FI: 8.435**

Javaid MK, Prieto-Alhambra D, Lui LY, Cawthon P, Arden NK, Lang T, Lane NE, Orwoll E, Barrett-Conner E, Nevitt MC, Cooper C, Cummings SR; Osteoporotic Fractures in Men (MrOS) Research Group. Self-reported weight at birth predicts measures of femoral size but not volumetric BMD in elderly men: MrOS. *J Bone Miner Res*. 2011 Aug;26(8):1802-7. doi: 10.1002/jbmr.411. PubMed PMID: 21509824. **FI: 7.056**

Puente D, Cabezas C, Rodríguez-Blanco T, Fernández-Alonso C, Cebrian T, Torrecilla M, Clemente L, Martín C; the ISTAPS study group investigators. The role of gender in a smoking cessation intervention: a cluster randomized clinical trial. [Article original]. *BMC Public Health*. 2011;11(1):369. PMID:21605389. **FI: 2.364**

Cabezas C, Advani M, Puente D, Rodríguez-Blanco T, Martín C; ISTAPS Study Group. Effectiveness of a stepped primary care smoking cessation intervention: cluster randomized clinical trial (ISTAPS study). [Article original]. *Addiction*. 2011;106(9):1696-1706. PMID:21561497. **FI: 4.145**

Servitja S, Nogues X, Prieto-Alhambra D, Martínez-García M, Garrigós L, Peña MJ, de Ramon M, Díez-Pérez A, Albanell J, Tusquets I. Bone health in a prospective cohort of postmenopausal women receiving aromatase inhibitors for early breast cancer. *Breast*. 2012 Feb;21(1):95-101. Epub 2011 Sep 15. PubMed PMID: 21924904. **FI: 2.089**

Prieto-Alhambra D, Javaid MK, Judge A, Murray D, Carr A, Cooper C, Arden NK. Association between bisphosphonate use and implant survival after primary total arthroplasty of the knee or hip: population based retrospective cohort study. *BMJ*. 2011 Dec 6;343:d7222. doi: 10.1136/bmj.d7222. PubMed PMID: 22147909; PubMed Central PMCID: PMC3232250. **FI: 13.471**

Azagra R, Roca G, Encabo G, Prieto D, Aguyé A, Zwart M, Güell S, Puchol N, Gené E, Casado E, Sancho P, Solà S, Torán P, Iglesias M, Sabaté V, Lopez F, Ortiz S, Fernandez Y, Díez A. Prediction of absolute risk of fragility fracture at 10 years in a Spanish population: validation of the WHO FRAX? tool in Spain. [Protocol i Aspectes Metodològics]. *BMC Musculoskelet Disord*. 2011;12:30. PMID:21272372. **FI: 1.941**

FI TOTAL: 45.920

Thesis

Doctorand: Giné M. Functional performance in physically frail community dwelling older adults. Barcelona: Psicologia i Ciències de l'Educació i l'Esport Blanquerna, Universitat Ramon Llull. Data lectura: 12/07/2010.

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:

Maria Antònia Llauger Rosselló



RESEARCHERS:

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

Research projects 2010

IP: M. Mar Fraga Martinez. Impacto de la Rehabilitación Respiratoria en pacientes con EPOC en Atención Primaria. Entitat Finançadora: IDIAP Jordi Gol. Durada: 2010 - 2011

IP: Gabriel Coll de Tuero. Morbimortalidad cardiovascular en una cohorte de pacientes diagnosticados de hipertensión de bata blanca mediante AMPA domiciliaria. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

Research projects 2011

IP: Raquel Gayarre Aguado. Modificació de l'actitud dels estudiants de cinquè i sisè de Medicina després de les pràctiques d'atenció primària. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2011 - 2011

IP: M. Mar Fraga Martinez. Impacto de la Rehabilitación Respiratoria en pacientes con EPOC en Atención Primaria. Entitat Finançadora: IDIAP Jordi Gol. Durada: 2010 - 2011

Articles 2010

Almirall J, Bolívar I, Serra-Prat M, Palomera E, Roig J, Hospital I, Carandell E, Agustí M, Ayuso P, Estela A, Torres A; Community-Acquired Pneumonia in Catalan Countries. Inhaled drugs as risk factors for community-acquired pneumonia. *Eur Respir J*. 2010;36(5):1080-7. PMID:20525710. **FI: 5.922**

FI TOTAL: 5.922

Articles 2011

Llauger MA, Pou MA, Dominguez L, Freixas M, Valverde P, Valero C. Atención a la EPOC en el abordaje al paciente crónico en atención primaria. [Article original]. *Arch Bronconeumol*. 2011;47:561-70 PMID:22036593.

Violan C, Prats M, Bolívar I. Cardio. [Article original]. *Butlletí de la CAMFIC*. 2011;12:35-68.

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:

Rafael Abós Herrandiz



RESEARCHERS:

Josep Tarrés Olivella
Glòria Cantarell Barella
Miguel Gallego Díaz
Constança Albertí Casas
Ilona Krier Gunther
Ramon Orriols Martinez
Isabel García Allas
Magdalena Rosell Murphy
Xavier Martínez Artés

Research projects 2010

IP: Josep Maria Bonet Simo. *Estudi d'intervenció per millorar el suport social en cuidadores*. Entitat Finançadora: Departament de Salut. Durada: 2009 - 2010

IP: Ferran Naveros Almenara. *Valoració de l'estat de salut i qualitat de vida dels pacients amb patologia relacionada amb l'amiant*. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2009 - 2010

Research projects 2011

IP: Rafael Abós Herrandiz. *Estudio de factores asociados a la enfermedad relacionada con el amianto en atención primaria en un área de la provincia de Barcelona*. Estudio de casos y controles. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2011 - 2013

IP: Cristina Vedia Urgell. *Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores*. Estudio PNEUMOCORT. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

Articles 2010

Rosell M, Abós R, Tarrés J, Martínez X, García I, Krier I, Cantarell G, Gallego M, Orriols R, Albertí C. Prospective study of asbestos-related diseases incidence cases in primary health care in an area of Barcelona province. BMC Public Health. 2010;10:203. PMID:20412567. **FI: 2.364**

FI TOTAL: 2.364

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 multicultural 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:

Victoria Arijal Val



RESEARCHERS:

Josep Basora Gallisà

Empar Valdivieso López

Gemma Flores Mateo

Carmina Poblet Calaf

Research projects 2010

IP: Walesca Badia Rafecas. *Intervenció educativa nutricional a cuidadors de pacients dependents.* Entitat Finançadora: Agència Avaluació de Tecnologia Mèdica. Durada: 2010 - 2011

IP: Ferran Bejarano Romero. *Eficacia comparativa de dos intervenciones del médico familia para el abandono del consumo crónico de benzodiazepinas.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Victoria Arijal Val. *Intervención educativa nutricional dirigida a cuidadores de pacientes dependientes.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Juan José Cabré Vila. *Anàlisi cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut a Catalunya (PREDICE).* Entitat Finançadora: Fundació d'Atenció Primària (CAMFIC). Durada: 2010 - 2011

IP: Empar Valdivieso López. *Efectivitat d'un programa comunitari integrat a l'escola per reduir la incidència de tabaquisme entre els escolars d'ESO. Estudi de l'efecte del tabac sobre el desenvolupament antropomètric.* Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2009 - 2012

IP: Empar Valdivieso López. *Efectividad de un programa comunitario integrado en la escuela para reducir la incidencia de tabaquismo entre los escolares de ESO.* Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

Research projects 2011

IP: Carmina Poblet Calaf. *Intervenció educativa intercultural en adults amb obesitat o sobrepès per millorar la seva qualitat de vida*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2011 - 2012

IP: Walesca Badia Rafecas. *Intervenció educativa nutricional a cuidadors de pacients dependents*. Entitat Finançadora: Agència d'Informació, Avaluació i Qualitat en Salut (AIAQS). Durada: 2010 - 2012

IP: Ferran Bejarano Romero. *Eficacia comparativa de dos intervenciones del médico familia para el abandono del consumo crónico de benzodiazepinas*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Victoria Arijá Val. *Intervención educativa nutricional dirigida a cuidadores de pacientes dependientes*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Juan José Cabré Vila. *Anàlisi cost-efectivitat d'un programa de prevenció de la diabetis tipus 2 en atenció primària de salut a Catalunya (PREDICE)*. Entitat Finançadora: Fundació d'Atenció Primària (CAMFiC). Durada: 2010 - 2012

IP: Empar Valdivieso López. *Efectivitat d'un programa comunitari integrat a l'escola per reduir la incidència de tabaquisme entre els escolars d'ESO. Estudi de l'efecte del tabac sobre el desenvolupament antropomètric*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2009 - 2012

Articles 2010

Argimon J, Flores G, Jiménez J, Pujol E. Psychometric properties of a test in evidence based practice: the Spanish version of the fresno test. *BMC Med Educ*. 2010;10:45. PMID:20553577.

Fernández M, Masa R, Palacios L, Sancho P, Calbó C, Flores Mateo G. Effectiveness of Valerian on insomnia: a meta-analysis of randomized placebo-controlled trials. *Sleep Med*. 2010;11:505-511. PMID:20347389. **FI: 3.430**

Flores Mateo G, Conejero J, Grenzner Martinel E, Baba Z, Dicono S, Echasabal M, Gonzalo Santos C, Aliaga A, Barredo M, Ruiz L, Carrau M. Early diagnosis of streptococcal pharyngitis in pediatric practice: Validity of a rapid antigen detection test. *Aten Primaria*. 2010;42(7):356-61. Epub 2010 Mar 26. PMID: 20347185. **FI: 0.619**

Aranda N, Viteri FE, Montserrat C, Arijá V. Effects of C282Y, H63D, and S65C HFE gene mutations, diet, and life-style factors on iron status in a general Mediterranean population from Tarragona, Spain. *Ann Hematol*. 2010;89(8):767-73. PMID:20107990. **FI: 2.688**

de Diego C, Vila A, Ochoa O, Valdivieso E, Arijá V, Rodríguez-Blanco T. Vacunación antigripal y mortalidad invernal en pacientes diabéticos mayores de 65 años. *Semerget*. 2010;36(1):3-9.

Valdivieso E, Rey C, Barrera M, Arijá V, Basora J, Marsal JR; TAB_ES Study Group. Factors associated with commencing smoking in 12-year-old students in Catalonia (Spain): a cross-sectional population-based study. *BMC Public Health*. 2010 Nov 2;10:665. PubMed PMID: 21044344; PubMed Central PMCID: PMC3091575. **FI: 2.364**

FI TOTAL: 9.101

Articles 2011

Cabré JJ, Hernández JM, Arijá V, Basora J, Bejarano F, Ripoll M. Projecte SEGUDIAB: seguretat en pacients diabètics. Avaluació d'un programa educatiu dirigit als professionals per a millorar la seguretat dels pacients diabètics. [Article original]. *Annals Med*. 2011;94:8-10.

Vicens C, Socías I, Mateu C, Leiva A, Bejarano F, Sempere E, Basora J, Palop V, Mengual M, Beltran JL, Aragonès E, Lera G, Folch S, Pinol JL, Esteve M, Roca M, Arenas A, Sureda M, Campoamor F, Fiol F. Comparative efficacy of two primary care interventions to assist withdrawal from long term benzodiazepine use: A protocol for a clustered, randomized clinical trial. [Artículo original]. *BMC Fam Pract*. 2011;12(1):23. PMID:21507257. **FI: 1.467**

Bulló M, García-Aloy M, Martínez-González MA, Corella D, Fernández-Ballart JD, Fiol M, Gómez-Gracia E, Estruch R, Ortega-Calvo M, Francisco S, Flores-Mateo G, Serra-Majem L, Pintó X, Covas MI, Ros E, Lamuela-Raventós R, Salas-Salvadó J. Association between a healthy lifestyle and general obesity and abdominal obesity in an elderly population at high cardiovascular risk. *Prev Med*. 2011;53(3):155-61. Epub 2011 Jun 25. PubMed PMID: 21708186. **FI: 3.299**

Argimon JM, Flores G, Jiménez J, Pujol E. Effectiveness of a short-course in improving knowledge and skills on evidence-based practice. [Article original]. *BMC Fam Pract*. 2011;12:64. PMID:21718496. **FI: 1.467**

Flores-Mateo G, Grau M, O'Flaherty M, Ramos R, Elosua R, Violan-Fors C, Quesada M, Martí R, Sala J, Marrugat

J, Capewell S. Analyzing the Coronary Heart Disease Mortality Decline in a Mediterranean Population: Spain 1988-2005. [Article original]. Rev Esp Cardiol. 2011;64(11):988-996. PMID:21962958. **FI: 2.157**

Hernández-Martínez C, Canals J, Aranda N, Ribot B, Escribano J, Arijia V. Effects of iron deficiency on neonatal behavior at different stages of pregnancy. [Article original]. Early Hum Dev. 2011;87:165-169. PMID:21256683. **FI: 1.587**

Cabré J, Saumell J, Costa B, Ortega Y, Piñol J, Basora J, Barrio F, Reus Metabolic Syndrome Study SIMETRIC. Relationship of metabolic syndrome and cardiovascular disease. Results of the SIMETRIC Study. [Article original]. International Journal of Diabetes & Metabolism. 2011;3(1):117.

Cabré JJ, Ripoll M, Hernández JM, Basora J, Bejarano F, Arijia V. Safety during the monitoring of diabetic patients: trial teaching course on health professionals and diabetics SEGUDIAB study. [Article original]. BMC Public Health. 2011;11:430. PMID:21639938. **FI: 2.364**

Martin-Lujan F, Piñol-Moreno JL, Martin-Vergara N, Basora-Gallisa J, Pascual-Palacios I, Sagarra-Alamo R, Llopis EA, Basora-Gallisa MT, Pedret-Llaberia R; ESPITAP Study Group investigators. Effectiveness of a structured motivational intervention including smoking cessation advice and spirometry information in the primary care setting: the ESPITAP study. BMC Public Health. 2011 Nov 11;11:859. PubMed PMID: 22078490; PubMed Central PMCID:PMC3236011. **FI: 2.364**

Bullo M, Garcia-Aloy M, Basora J, Covas MI, Salas J. Bone quantitative ultrasound measurements in relation to the metabolic syndrome and type 2 diabetes mellitus in a cohort of elderly subjects at high risk of cardiovascular disease from the PREDIMED Study. [Article original]. J Nutr Health Aging. 2011;15(10):939-44. PMID:22159786. **FI: 2.484**

Aranda N, Ribot B, Garcia E, Viteri FE, Arijia V. Pre-pregnancy iron reserves, iron supplementation during pregnancy, and birth weight. [Article original]. Early Hum Dev. 2011;87(12):791-7. PMID:21723050. **FI: 1.587**

Giralt M, Albaladejo R, Tarro L, Moriña D, Arijia V, Solà R. primary-school-based study to reduce prevalence of childhood obesity in Catalunya (Spain)-EDAL-Educació en alimentació: study protocol for a randomised controlled trial. [Article original]. Trials. 2011;27:12-54. PMID:21352597. **FI: 2.080**

Albacar G, Sans T, Martin-Santos R, Garcia-Esteve L, Guillamat R, Sanjuan J, Cañellas F, Gratacòs M, Cavallé P, Arijia V, Gaviria A, Gutiérrez-Zotes A, Vilella E. An association between plasma ferritin concentrations measured 48 h after delivery and postpartum depression. [Article original]. J Affect Disord. 2011;131(1-3):136-42. PMID:21130499. **FI: 3.740**

FI TOTAL: 24.596

Thesis 2011

Doctorand: Flores G. Sistemas enzimáticos antioxidantes y enfermedad coronaria. Unitat Docent Hospital del Mar: Universitat Autònoma de Barcelona, Universitat Autònoma de Barcelona. Data lectura: 23/04/2011.

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:

Assumpta Ferrer Feliu



RESEARCHERS:

Coral Fernandez Solana
Ines Lombarte Bonfill
Anabel Lobato del Prado
M^a Jesús Megido Badia
Teresa Badia Farre

Research projects 2010

IP: Assumpta Ferrer Feliu. *Ensayo clínico aleatorizado de caídas y malnutrición en personas de 85 años en la comunidad.*
Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

Research projects 2011

IP: M^a Jesús Megido Badia. *Com viuen els néts la malaltia d'Alzheimer del seu avi/a? Estudi qualitatiu a l'atenció primària.*
Entitat Financadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2011 - 2012

IP: Assumpta Ferrer Feliu. *Ensayo clínico aleatorizado de caídas y malnutrición en personas de 85 años en la comunidad.*
Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

Articles 2010

Ferrer A, Formiga F, Almeda J, Brotons C, Alonso J, Pujol R. Calidad de vida relativa a la salud en nonagenarios: género, estado funcional y riesgo alimenticio como factores asociados. *Med Clin (Barc)*. 2010;134(7):303-306. PMID:20096892. **FI: 1.413**

Ferrer A, Badia T, Formiga F, Gil A, Padrós G, Sarró M, Almeda J, Pujol R. A randomized clinical trial of falls and malnutrition prevention in community-dwelling elders aged 85 years old. The OCTABAIX study. *Rev Esp Geriatr Gerontol*. 2010;45(2):79-85. PMID:20188443.

Formiga F, Ferrer A, Montero A, Chivite D, Pujol R. Predictors of 3-year mortality in subjects over 95 years of age. The NonaSantfeliu study. *J Nutr Health Aging*. 2010;14(1):63-65. PMID:20082056. **FI: 2.484**

Formiga F, Ferrer A, Camafort M, Sobrino J, Coca A, Pujol R. Influencia del patrón circadiano de la presión arterial en la mortalidad de una cohorte de nonagenarios. Valoración a los tres años de seguimiento. *Hipertensión*. 2010;27(3):93-98.

FI TOTAL: 3.897

Articles 2011

Formiga F, Ferrer A, Padrós G, Lopez Soto A, Sarró M, Pujol R. Differences according to gender and health status in CD4:CD8 ratio in a sample of community-dwelling oldest old. The OCTABAIX immune study. [Article original]. *Aging Clin Exp Res*. 2011;23(4):268-272. PMID:22067371. **FI: 1.693**

Formiga F, Ferrer A, Fraga A, Pujol R. Vitamin D levels and mortality of any cause in nonagenarians. NonaSantfeliu Study. [Article original]. *Med Clin (Barc)*. 2011;137(3):137-138. PMID:20207376. **FI: 1.413**

Formiga F, Ferrer A, Chivite D, Rubio-Rivas M, Cuerpo S, Pujol R. Predictors of long-term survival in nonagenarians: the NonaSantfeliu study. [Article original]. *Age Ageing*. 2011;40(1):111-116. PMID:20823123. **FI: 2.719**

Formiga F, Ferrer A, Almeda J, San Jose A, Gil A, Pujol R. Utility of geriatric assessment tools to identify 85-years old subjects with vitamin D deficiency. [Article original]. *J Nutr Health Aging*. 2011;15(2):110-114. PMID:21365163. **FI: 2.484**

Badia Farré T, Formiga Perez F, Almeda Ortega J, Ferrer Feliu A, Rojas-Farreras S; Grupo Octabaix. Relationship between blood pressure and mortality at 4 years of follow up in a cohort of individuals aged over 80 years. [Article original]. *Med Clin (Barc)*. 2011;137(3):97-103. PMID:21419459. **FI: 1.413**

Formiga F, Ferrer A, Almeda J, San Jose A, Gil A, Pujol R. Utility of geriatric assessment tools to identify 85-years old subjects with vitamin D deficiency. [Article original]. *J Nutr Health Aging*. 2011;15(2):110-114. PMID: 21365163. **FI: 2.484**

Mera F, Mestre D, Almeda J, Ferrer A, Formiga F, Rojas S, Grupo de Estudio Octabaix. Paciente anciano y medicación crónica inapropiada en la comunidad ¿somos conscientes de ello?. [Article original]. *Rev Esp Geriatr Gerontol*. 2011;46(6):125-130. PMID:21497956.

Formiga F, Ferrer A, Megido MJ, Chivite D, Badia T, Pujol R. Low co-morbidity, low levels of malnutrition, and low risk of falls in a community-dwelling sample of 85-year-olds are associated with successful aging: the Octabaix study. [Article original]. *Rejuvenation Res*. 2011;14(3):309-314. PMID:21548756. **FI: 4.225**

Formiga F, Ferrer A, Chivite D, Pujol R. Survival after 7 years of follow-up at ninety. The NonaSantfeliu study. [Article original]. *Eur J Intern Med*. 2011;22(6):e164-e165. PMID:22075314. **FI: 1.657**

Formiga F, Ferrer A, Molinero AR, Fraga A, Cuerpo S, Pujol R. Vital status after five-year follow-up of nonagenarians with functional and/or cognitive impairment at baseline: the NonaSantfeliu study. [Article original]. *J Nutr Health Aging*. 2011;15(2):121. PMID:21365165. **FI: 2.484**

Formiga F, Ferrer A, Chivite D, Pinto X, Cuerpo S, Pujol R. Serum high-density lipoprotein cholesterol levels, their relationship with baseline functional and cognitive status, and their utility in predicting mortality in nonagenarians. [Article original]. *Geriatr Gerontol Int*. 2011;11(3):358-364. PMID:21241448. **FI: 1.782**

Ferrer A, Badia T, Almeda J, Fernandez C. Diferencias de género en el perfil de salud de una cohorte de 85 años. Estudio Octabaix. [Article original]. *Aten Primaria*. 2011;43:577-584. PMID:21377767. **FI: 0.619**

FI TOTAL: 22.973

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:

Enriqueta Pujol Ribera



RESEARCHERS:

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

Research projects 2010

IP: Eva Comin Bertran. Impacte de la implementació de guies de pràctica clínica electròniques sobre patologia cardiovascular en Atenció Primària. Entitat Financadora: Agència Avaluació de Tecnologia Mèdica. Durada: 2010 - 2012

IP: Maria Antonia Campo Osaba. Efectividad de una intervención grupal de promoción de la salud mediante un ensayo clínico. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

IP: Lydia Fumadó Rubio. Efectivitat de la infermera d'enllaç en la continuïtat assistencial. Entitat Financadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2011

IP: Francisca Jurado Luque. Percepció de les infermeres del Programa Salut i Escola sobre la seva experiència. Entitat Financadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2011

IP: Àngels Ondiviela Cariteu. Descripción y comparación de los servicios de Atención domiciliaria en Europa y 4 comunidades autónomas. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2009 - 2010

IP: Santiago Pérez Tortosa. Ensayo comunitario de intervención para la deshabituación tabáquica con consejo intensivo en pacientes diabéticos en atención primaria de salud. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2009 - 2010

IP: Montse Balagué Corbella. Efectivitat d'una intervenció multidisciplinària en l'evolució de la lumbàlgia subaguda inespecífica en població activa. Entitat Financadora: Fundació La Marató de TV3. Durada: 2008 - 2010

IP: Rosa Morros Pedrós. Efectividad de los inhibidores del eje renina-angiotensina en pacientes con diabetes mellitus tipo 2 e hipertensión arterial en Catalunya. Estudio de cohortes IERACAT. Entitat Financadora: Instituto de Salud Carlos III. Durada: 2008 - 2012

Research projects 2011

IP: Cristina Vedia Urgell. Neumonías adquiridas en la comunidad en pacientes con enfermedad pulmonar obstructiva crónica tratados con corticoides inhalados u otros broncodilatadores. Estudio PNEUMOCORT. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Jose Miguel Baena Diez. Fármacos para la enfermedad de Alzheimer: análisis de la adecuación del tratamiento a las evidencias disponibles y del impacto de las novedades terapéuticas en su perfil de uso. Entitat Finançadora: Ministerio de Sanidad y Política Social e Igualdad. Durada: 2011 - 2012

IP: Eva Comin Bertran. Impacte de la implementació de guies de pràctica clínica electròniques sobre patologia cardiovascular en Atenció Primària. Entitat Finançadora: Agència d'Informació, Avaluació i Qualitat en Salut (AIAQS). Durada: 2010 - 2012

IP: Maria Antonia Campo Osaba. Efectividad de una intervención grupal de promoción de la salud mediante un ensayo clínico. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Lydia Fumadó Rubio. Efectivitat de la infermera d'enllaç en la continuïtat assistencial. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2011

IP: Francisca Jurado Luque. Percepció de les infermeres del Programa Salut i Escola sobre la seva experiència. Entitat Finançadora: Col·legi Oficial d'Infermeria de Barcelona. Durada: 2010 - 2011

Articles 2010

Roig L, Pérez S, Prieto G, Martín C, Advani M, Armengol A, Roura P, Manresa JM, Briones EM, ITADI Study Group. Cluster randomized trial in smoking cessation with intensive advice in diabetic patients in primary care. ITADI Study. BMC Public Health. 2010;10:58. PMID:20132540. **FI: 2.364**

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Vila A, Ochoa O, Rodríguez-Blanco T. [Usefulness of the CRB-65 scale for prognosis assessment of patients 65 years or older with community-acquired pneumonia. Med Clin (Barc). 2010;135(3):97-102. PMID:20462613. **FI: 1.413**

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Vinyoles E, Rodríguez-Blanco T, de la Sierra A, Felip A, Banegas JR, de la Cruz JJ, Gorostidi M, Sobrino J, Segura J, Roca-Cusachs A, Ruilope LM; on behalf of the Spanish Society of Hypertension ABPM Registry Investigators. Isolated clinic hypertension: diagnostic criteria based on 24-h blood pressure definition. J Hypertens. 2010;28(12):2407-13. PMID:20852448. **FI: 3.980**

Mengual L, Roura P, Serra M, Montasell M, Prieto G, Bonet S. Multifactorial control and treatment intensity of type-2 diabetes in primary care settings in Catalonia. Cardiovasc Diabetol. 2010;9-14. PMID:20350315. **FI: 2.720**

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FI TOTAL: 23.769

Articles 2011

- Puente D, Zabaleta E, Rodríguez-Blanco T, Cabanas M, Monteagudo M, Pueyo M, Jané M, Mestre N, Mercade M, Bolívar B. Gender differences in sexual risk behavior among adolescents in Catalonia, Spain. [Article original]. *Gac Sanit.* 2010;25(1):13-19. PMID:21315492. **FI: 1.114**
- Puente D, Cabezas C, Rodríguez-Blanco T, Fernández-Alonso C, Cebrian T, Torrecilla M, Clemente L, Martín C; the ISTAPS study group investigators. The role of gender in a smoking cessation intervention: a cluster randomized clinical trial. [Article original]. *BMC Public Health.* 2011;11(1):369. PMID:21605389. **FI: 2.364**
- Berenguera A, Pujol-Ribera E, Violan C, Romaguera A, Mansilla R, Giménez A, Almeda J. Experiences about HIV-AIDS preventive-control activities. Discourses from non-governmental organizations professionals and users. *Gac Sanit.* 2011;25(3):184-90. Epub 2011 Apr 5. PMID: 21470722. **FI: 1.114**
- Argimon JM, Flores G, Jiménez J, Pujol E. Effectiveness of a short-course in improving knowledge and skills on evidence-based practice. [Article original]. *BMC Fam Pract.* 2011;12:64. PMID:21718496. **FI: 1.467**
- Monteagudo M, Rodríguez-Blanco T, Parcet J, Peñalver N, Rubio C, Ferrer M, Miravittles M. Variability in the performing of spirometry and its consequences in the treatment of COPD in primary care. [Article original]. *Arch Bronconeumol.* 2011;47(5):226-233. PMID:21295903.
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- Berenguera A, Pujol-Ribera E, Violan C, Romaguera A, Mansilla R, Gimenez A, Ascaso C, Almeda J. Core indicators evaluation of effectiveness of HIV-AIDS preventive-control programmes carried out by Nongovernmental organizations. A mixed method study. [Article original]. *BMC Health Serv Res.* 2011;28(11):176. PMID:21798020. **FI: 1.721**
- Amado E, Pujol E, Pacheco V, Borrás JM; ADIEHTA Group. Knowledge and adherence to antihypertensive therapy in primary care: results of a randomized trial. [Article original]. *Gac Sanit.* 2011 Jan-Feb;25(1):62-7. PMID:21354671. **FI: 1.114**
- Berenguera A, Pujol E, Rodríguez-Blanco T, Violan C, Casajuana M, de Kort N, Trapero-Bertran M. Study protocol of cost-effectiveness and cost-utility of a biopsychosocial multidisciplinary intervention in the evolution of non-specific sub-acute low back pain in the working population: cluster randomised trial. [Protocol i Aspectes Metodològics]. *BMC Musculoskelet Disord.* 2011;12(1):194. PMID:21859489. **FI: 1.941**
- Pacheco V, Pujol E, Cabezas C, Nuñez M, Roura P, Amado E, Núñez E, del Val JL. Percepción en enfermedades crónicas: validación lingüística del Illness Perception Questionnaire Revised y del Brief Illness Perception Questionnaire para la población española. [En prensa]. *Aten Primaria.* 2011. En prensa: doi:10.1016/j.aprim.2010.11.022 **FI: 0.619**
- Col N, Bozzuto L, Kirkegaard P, Koelewijn-van Loon M, Majeed H, Jen Ng C, Pacheco-Huergo V. Interprofessional education about shared decision making for patients in primary care settings. *J Interprof Care.* 2011 Nov;25(6):409-15. PubMed PMID: 22011026.
- Ochoa-Gondar O, Vila-Corcoles A, Rodríguez-Blanco T, Ramos F, de Diego C, Salsench E, Gil D, Daniel J, Palacios L, Blade J. Comparison of three predictive rules for assessing severity in elderly patients with CAP. *Int J Clin Pract.* 2011 ;65(11):1165-72. doi: 10.1111/j.1742-1241.2011.02742.x. Epub 2011 Sep 26. PubMed PMID: 21951687 **FI: 2.309**
- Pujol E, Monteagudo M, Berenguera A. Editorial: Investigación cualitativa en atención primaria de salud: Situación actual, aportaciones y algunos retos. [Article original]. *Revista Clínica Electrónica en Atención Primaria.* 2011; <http://www.fbjoseplaporte.org/rceap/articulo2.php?idnum=19&art=editorial>
- Pujol E, Berenguera A, Monteagudo M. Estrategias de búsqueda y bases de datos para la localización de los estudios cualitativos. Retos y propuestas. [Article original]. *Revista Clínica Electrónica en Atención Primaria.* 2011; <http://www.fbjoseplaporte.org/rceap/articulo2.php?idnum=19&art=01>
- Mahtani-Chugani V, Axpe-Caballero A, Berenguera A, Sanz E J. Algunas cuestiones pendientes: evaluación de la investigación cualitativa en convocatorias competitivas: "no midas mi peso con una jarra". [Article original]. *Revista Clínica Electrónica en Atención Primaria.* 2011; <http://www.fbjoseplaporte.org/rceap/sumario2.php>

FI TOTAL: 17.908

Thesis 2011

Doctorand: Berenguera A. Proposta d'indicadors d'avaluació per les activitats preventives i de control del VIH-SIDA que realitzen les Organitzacions No Governamentals. Un estudi amb metodologia mixta. Facultat de Medicina. Universitat de Barcelona: Facultat de Medicina, Universitat de Barcelona. Data lectura: 21/06/2011.

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:

Enric Aragonès Benaiges



RESEARCHERS:

Carme Lucena Luque
Sílvia Folch Pujol
Núria Melich Teruel
Josepa Cervera Virgili
Maria Antònia Gutiérrez Pérez
Magdalena Pino Fortuny
Rosa Maria Masdeu Montalà
Josep Lluís Piñol Moreso

Research projects 2010

IP: Walesca Badia Rafecas. *Intervenció educativa nutricional a cuidadors de pacients dependents*. Entitat Finançadora: Agència Avaluació de Tecnologia Mèdica. Durada: 2010 - 2011

IP: Ferran Bejarano Romero. *Eficacia comparativa de dos intervenciones del médico familia para el abandono del consumo crónico de benzodiazepinas*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Victoria Arijá Val. *Intervención educativa nutricional dirigida a cuidadores de pacientes dependientes*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2011

Research projects 2011

IP: Bernardo Costa Pinel. *Early Prevention of Diabetes Complications in people with Hyperglycaemia in Europe*. Entitat Finançadora: European Commission. Durada: 2011 - 2015

IP: Enric Aragonès Benaiges. *Manejar la depressió en atenció primària com una malaltia crònica. El model INDI*. Entitat Finançadora: Chiesi España, S.A.. Durada: 2011 - 2011

IP: Walesca Badia Rafecas. *Intervenció educativa nutricional a cuidadors de pacients dependents*. Entitat Finançadora: Agència d'Informació, Avaluació i Qualitat en Salut (AIAQS). Durada: 2010 - 2012

IP: Ferran Bejarano Romero. *Eficacia comparativa de dos intervenciones del médico familia para el abandono del consumo crónico de benzodiazepinas*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Victoria Arijá Val. *Intervención educativa nutricional dirigida a cuidadores de pacientes dependientes*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2010 - 2012

IP: Josep M^a Hernández Anguera. *Adaptació transcultural i validació de la Diabetes Attitude Scales (DAS-3) a la llengua Espanyola i Vernacla. Estudi comparatiu de les diferències transculturals*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2008 - 2012

IP: Antonia Caballero Alías. *Avaluació d'un programa optimitzat per l'abordatge de la depressió en atenció primària: assaig controlat aleatoritzat per clusters*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2007 - 2012

Articles 2010

Aragonès E, Piñol JL, Ramos JA, López G, Caballero A, Bosch R. Prevalence in adults of attention deficit hyperactivity disorder using the medical records of primary care. *Rev Esp Salud Publica*. 2010;84(4):417-422. PMID:21141268. **FI: 0.774**

Aragonès E, López G, Badia W, Piñol JL, Hernández JM, Caballero A. Abordaje psicoeducativo de la depresión en atención primaria: descripción del modelo INDI. *Metas de enfermería*. 2010;2:10.

FI TOTAL: 0.774

Articles 2011

Cabré JJ, Hernández JM, Arijá V, Basora J, Bejarano F, Ripoll M. Projecte SEGUDIAB: seguretat en pacients diabètics. Avaluació d'un programa educatiu dirigit als professionals per a millorar la seguretat dels pacients diabètics. [Article original]. *Annals Med*. 2011;94:8-10.

Vicens C, Socías I, Mateu C, Leiva A, Bejarano F, Sempere E, Basora J, Palop V, Mengual M, Beltran JL, Aragonès E, Lera G, Folch S, Pinol JL, Esteve M, Roca M, Arenas A, Sureda M, Campoamor F, Fiol F. Comparative efficacy of two primary care interventions to assist withdrawal from long term benzodiazepine use: A protocol for a clustered, randomized clinical trial. [Artículo original]. *BMC Fam Pract*. 2011;12(1):23. PMID:21507257. **FI: 1.467**

Aragonès E, López G, Badia W, Piñol JL, Hernández JM, Caballero A. Abordaje psicoeducativo de la depresión en Atención Primaria. El modelo INDI. [Article original]. *Metas de enfermería*. 2011;14(4):62-67.

Costa B, Barrio F, Cabré JJ, Piñol JL, Cos FX, Solé C, Bolibar B, Castell C, Lindström J, Barengo N, Tuomilehto J; DEPLAN-CAT Research Group. Shifting from glucose diagnostic criteria to the new HbA(1c) criteria would have a profound impact on prevalence of diabetes among a high-risk Spanish population. *Diabet Med*. 2011 Oct;28(10):1234-7. doi: 10.1111/j.1464-5491.2011.03304.x. PubMed PMID: 21429007. **FI: 3.036**

Cabré J, Saumell J, Costa B, Ortega Y, Piñol J, Basora J, Barrio F, Reus Metabolic Syndrome Study SIMETRIC. Relationship of metabolic syndrome and cardiovascular disease. Results of the SIMETRIC Study. [Article original]. *International Journal of Diabetes & Metabolism*. 2011;3(1):117.

Ortega Y, Cabré JJ, Piñol JL, Chanco C, Torres M, Mangrané M, del Pozo A, Moran D. Influence of the stress on the metabolic syndrome. The STREX Study. [Article original]. *International Journal of Diabetes & Metabolism*. 2011;3(1):152.

Cabré JJ, Ripoll M, Hernández JM, Basora J, Bejarano F, Arijá V. Safety during the monitoring of diabetic patients: trial teaching course on health professionals and diabetics SEGUDIAB study. [Article original]. *BMC Public Health*. 2011;11:430. PMID:21639938. **FI: 2.364**

Aragonès E, Piñol JL, López G, Hernández JM, Caballero A. Attitudes and opinions of family doctors on depression: application of the Depression. Attitudes Questionnaire (DAQ). [Article original]. *Aten Primaria*. 2011;43(6): 312-8. PMID:21232826. **FI: 0.619**

Martin-Lujan F, Piñol-Moreno JL, Martin-Vergara N, Basora-Gallisa J, Pascual-Palacios I, Sagarra-Alamo R, Llopis EA, Basora-Gallisa MT, Pedret-Llaberia R; ESPITAP Study Group investigators. Effectiveness of a structured motivational intervention including smoking cessation advice and spirometry information in the primary care setting: the ESPITAP study. *BMC Public Health*. 2011 Nov 11;11:859. PubMed PMID: 22078490; PubMed Central PMCID:PMC3236011. **FI: 2.364**

FI TOTAL: 9.850

Thesis 2011

Doctorand: López G. Evaluación de la efectividad del rol de enfermería en el abordaje multidisciplinar de la depresión en atención primaria. Tarragona: Facultat de Medicina i Ciències de la Salut, Universitat Rovira i Virgili. Data lectura: 03/07/2011.

Research area: Infectious Diseases

Research group: Tuberculosis

This group is made up of highly qualified specialists who for many years have been carrying out and participating in numerous clinical and epidemiological research projects related with tuberculosis, and also collaborating with various tuberculosis prevention and control programs, both national and international.

The group's objective is to investigate various aspects of tuberculosis and its influence on the social life of the country.

Lines: Physiopathology of tuberculosis

New pharmacological treatments for tuberculosis

GROUP LEADER:

Neus Altet Gómez

RESEARCHERS

José Alcaide Megías

Maria Luiza de Souza Galvao

Irene Hernández del Rey

Jorge S Solsona Peiró

Matilde Barrios Gutierrez

Celia Milà Augè

M. Àngels Jiménez Fuentes

Carles Valero Garcia

Research projects 2010

IP: M. Mar Fraga Martinez. *Impacto de la Rehabilitación Respiratoria en pacientes con EPOC en Atención Primaria*. Entitat Finançadora: IDIAP Jordi Gol. Durada: 2010 - 2011

IP: Neus Altet Gómez. *Clinical research on tuberculosis drugresistance in Europe*. Entitat Finançadora: Tuberculosis European Network. Durada: 2010 - 2013

IP: Neus Altet Gómez. *Diagnostic of TB infection in Children in Europe*. Entitat Finançadora: Tuberculosis European Network. Durada: 2010 - 2012

IP: Neus Altet Gómez. *Evaluación de la prueba de INF-gamma para el diagnóstico de la infección tuberculosa a partir de un estudio de cohortes en individuos a riesgo de presentar tuberculosis. Subproyecto 2*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2011

IP: Maria Luiza de Souza Galvao. *Utilitat de les tècniques in vitro basades en la detecció de l'interfero-gamma pel diagnòstic de la infecció tuberculosa. Aplicabilitat Clínica*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2009 - 2011

IP: Joan A. Caylà Buqueras. *Estado actual del cumplimiento del tratamiento y de la curación de casos de tuberculosis en España*. Entitat Finançadora: RESPIRA. Fundación Española del Pulmón. SEPAR. Durada: 2009 - 2010

IP: Joan A. Caylà Buqueras. *Rifapentine During Intensive Phase Tuberculosis Treatment (Estudio 29)*. Entitat Finançadora: Centers for Diseases Control and Tuberculosis Trial Consortium. Durada: 2009 - 2011

IP: Joan A. Caylà Buqueras. *Evaluación de una pauta basada en sustituir isoniácida por moxifloxacino para el tratamiento de la tuberculosis (Estudio 28)*. Entitat Finançadora: Centers for Diseases Control and Tuberculosis Trial Consortium. Durada: 2008 - 2010

IP: Joan A. Caylà Buqueras. *Caracterización de perfiles proteómicos predictivos de hepatotoxicidad asociada a fármacos antituberculosos*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2008 - 2010

IP: Joan A. Caylà Buqueras. *Estudio de las indicaciones, eficacia, tolerancia y coste de los tratamientos antituberculosos con pautas no estándar*. Durada: 2006 - 2010

Research projects 2011

IP: M. Mar Fraga Martínez. *Impacto de la Rehabilitación Respiratoria en pacientes con EPOC en Atención Primaria*. Entitat Finançadora: IDIAP Jordi Gol. Durada: 2010 - 2011

IP: Neus Altet Gómez. *Clinical research on tuberculosis drugresistance in Europe*. Entitat Finançadora: Tuberculosis European Network. Durada: 2010 - 2013

IP: Neus Altet Gómez. *Diagnostic of TB infection in Children in Europe*. Entitat Finançadora: Tuberculosis European Network. Durada: 2010 - 2012

IP: Neus Altet Gómez. *Evaluación de la prueba de INF-gamma para el diagnóstico de la infección tuberculosa a partir de un estudio de cohortes en individuos a riesgo de presentar tuberculosis. Subproyecto 2*. Entitat Finançadora: Instituto de Salud Carlos III. Durada: 2009 - 2011

IP: Maria Luiza de Souza Galvao. *Utilitat de les tècniques in vitro basades en la detecció de l'interfero-gamma pel diagnòstic de la infecció tuberculosa. Aplicabilitat Clínica*. Entitat Finançadora: ICS - Institut Català de la Salut. Durada: 2009 - 2011

IP: Joan A. Caylà Buqueras. *Rifapentine During Intensive Phase Tuberculosis Treatment (Estudio 29)*. Entitat Finançadora: Centers for Diseases Control and Tuberculosis Trial Consortium. Durada: 2009 - 2011

Articles 2010

Latorre I, De Souza-Galvão M, Ruiz-Manzano J, Lacombe A, Prat C, Altet N, Ausina V, Domínguez J. Evaluating the non-tuberculous mycobacteria effect in the tuberculosis infection diagnosis. [Article original]. *Eur Respir J*. 2010;35(2):338-42. PMID:20123845. **FI: 5.922**

Moreno-Pérez D, Andrés Martín A, Altet Gómez N, Baquero-Artigao F, Escribano Montaner A, Gómez-Pastrana Durán D, González Montero R, Mellado Peña MJ, Rodrigo-Gonzalo-de-Liria C, Ruiz Serrano MJ. Diagnóstico de la tuberculosis en la edad pediátrica. Documento de consenso de la Sociedad Española de Infectología Pediátrica (SEIP) y la Sociedad Española de Neumología (SENP). [Article original]. *An Pediatr (Barc)*. 2010 Apr;72(4):283.e1-283.e14. PMID:20207208. **FI: 0.570**

Moreno A, Sánchez F, Nelson J, Miró JM, Caylà JA; Grupo de Trabajo de la UITB-TBTC (site 31) On the way to shortening tuberculosis treatments: clinical trials of the Unitat d' Investigació en Tuberculosis de Barcelona supported by the Centers for Disease Control and Prevention. [Article original]. *Gac Sanit*. 2010;24(2):171-6. PMID:20005019. **FI: 1.114**

Nelson JL, Moreno A, Orcau A, Altet N, Martínez-Roig A, Cayla JA, Casals M, Millet JP, Moraga-Llop F; Childhood Tuberculosis Working Group of Barcelona. Transmission Of childhood tuberculosis risk factors associated with an unidentified index case and outbreak evolution in Barcelona (1987-2007). [Article original]. *Pediatr Infect Dis J*. 2010 Sep;29(9):876-9. PMID:20806481. **FI: 3.064**

Nahid P, Bliven EE, Kim EY, Mac Kenzie WR, Stout JE, Diem L, Johnson JL, Gagneux S, Hopewell PC, Kato-Maeda M; Tuberculosis Trials Consortium. Influence of M. tuberculosis lineage variability within a clinical trial for pulmonary tuberculosis. *PLoS One*. 2010 May 20;5(5):e10753. PubMed PMID: 20505778; PubMed Central PMCID: PMC2873999. **FI: 4.411**

Moreno-Pérez D, Andrés Martín A, Altet Gómez N, Baquero-Artigao F, Escribano Montaner A, Gómez-Pastrana Durán D, González Montero R, Mellado Peña MJ, Rodrigo-Gonzalo-de-Liria C, Ruiz Serrano MJ; Sociedad Española de Infectología Pediátrica; Sociedad Española de Neumología Pediátrica. [Diagnosis of tuberculosis in pediatrics. Consensus document of the Spanish Society of Pediatric Infectology (SEIP) and the Spanish Society of Pediatric Pneumology (SENP)]. *An Pediatr (Barc)*. 2010 Sep;73(3):143.e1-143.14. Epub 2010 Mar 23. PubMed PMID: 20335081. **FI: 0.570**

FI TOTAL: 15.651

Articles 2011

Altet-Gómez N, De Souza-Galvao M, Latorre I, Milà C, Jiménez MA, Solsona J, Cantos A, Zamora JJ, Ruiz-Manzano J, Ausina V, Domínguez J. Diagnosing TB infection in children: analysis of discordances using in vitro tests and the tuberculin skin test. *Eur Respir J*. 2011 May;37(5):1166-74. Epub 2010 Aug 20. PubMed PMID: 20729220. **FI: 5.922**

Llauger MA, Pou MA, Domínguez L, FREIXAS M, Valverde P, Valero C. Atención a la EPOC en el abordaje al paciente crónico en atención primaria. [Article original]. *Arch Bronconeumol*. 2011;47:561-70 PMID:22036593.

FI TOTAL: 5.922

10. **USR** (Unitats de Suport a la Recerca)

The Research Support Units enable the IDIAP to advise, organise and manage research initiatives in the different areas of Catalonia. The USR provides researchers with close access to the IDIAP's services, advises the development of projects, informs about funding opportunities, assists in the preparation of their applications and in the management of budgets and globally supports the implementation of their research.

The IDIAP is geographically organised in 8 Research Support Units: Barcelona, Central Catalonia, Girona, Lleida-Pyrenees, North Metropolitan Area, South Metropolitan Area, Tarragona and Terres de l'Ebre.

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:

Miguel Ángel Muñoz



Anna Ferrer, José Luis del Val, Carlos Martín,
Elisa Puigdomènech, Francesc Orfila,
Maria Antonia Campo

Articles 2010

- Pladevall M, Brotons C, Gabriel R, Arnau A, Suarez C, de la Figuera M, Marquez E, Coca A, Sobrino J, Divine G, Heiser M, Williams LK; Writing Committee on behalf of the COM99 Study Group. Multicenter cluster-randomized trial of a multifactorial intervention to improve antihypertensive medication adherence and blood pressure control among patients at high cardiovascular risk (the COM99 study). *Circulation*. 2010;122(12):1141-3. PMID:20823391. **FI: 14.429**
- Alvarez-Guisasola F, Conget I, Franch J, Mata M, Mediavilla JJ, Sarria A. Adding questions about cardiovascular risk factors improve the ability of the ADA questionnaire to identify unknown diabetes patients in Spain. *Avances en diabetología*. 2010;26:347-352.
- Armero M, Capdevila G, Dot M, Martí ML, Pesarrodona M, Pla A, Serravinyals M. Experiències i vivències de cuidadors immigrants formals a població dependent. Primera experiència amb grups focals, prova pilot. *Revista Àgora d'Infermeria*. 2010;53(14.1):28-39.
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Rifapentine During Intensive Phase Tuberculosis Treatment (Estudio 29). Centers for Diseases Control and Tuber-

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Premi a l'Excel·lència professional. Col·legi Oficial de Metges de Barcelona. Muñoz MA.

Prizes 2011

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Thesis 2010

Doctorand: Garzón P. Estudio epidemiológico de debuts de diabetes mellitus tipo 1 en un hospital de tercer nivel de 2000 a 2008. Hospital Vall d'Hebron: Facultat de Medicina, Universitat de Barcelona. Data lectura: 16/11/2010.
Doctorand: Lopez F. Artrosi de genoll a l'Atenció primària. Utilitat de l'ecografia en els seu maneig i seguiment. Barcelona: Facultat de Medicina, Universitat Autònoma de Barcelona. Data lectura: 09/07/2010.

Thesis 2011

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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

Joan Deniel

Laia Font, Marius Fígols

Articles 2010

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Prizes 2010

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Premi de l'Acadèmia de Ciències Mèdiques de Girona. XXVII Jornada de cloenda (curs 2010-2011). Malaltia renal crònica (MCR) en una població de malalts diabètics tipus - 2 majors de 80 anys. Pastoret M, Tomás J, Tarrés L, Petit M, De la Iglesia N, Verdaguer C.

Primer premi de comunicacions orals. XXI Simposi Nacional de Pediatria Social. La prevenció de la mutilació genital femenina en la quota d'un metge de família. Carrera J, Malo J, Guillamon M.

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Thesis 2010

Doctorand: Font L. Exposició a Subproductes de la Cloració en piscines i efectes respiratoris en banyistes. Barcelona: Facultat de Ciències de la Salut i de la Vida, Universitat Pompeu Fabra. Data lectura: 29/11/2010.

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

Rafel Ramos

Anna Ponjoan, Josep M^a Ramos, Ruth Martí,
Maria García

Articles 2010

Benítez M, Foguet Q, Bayó J, Coll G. Do soluble formulations of acetaminophen affect control of high blood pressure ?. [Article original]. Hipertensión y Riesgo Vascular. 2010;27:154-161.

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Articles 2011

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M Abed, C Adelbrecht, JA Amado, J Amighi, HJ Ankersmit, JR de Berrazueta, E Bobbioni-Harsch, K Boyle, C Buechler, M Buemi, V Cernaro, JK Chang, CH Chen, WP Cheng, A Cuocolo, RPF Dullaart, P Ghafourifar, P Guzik, MM Hoffmann, J JURADO, V Kytö, F Lang, M Lichtenauer, ZY Lin, Y Minami, D Montero, F Mookadam, E Nicolai, R Pacher, R Rahimian, M Satoh, P Saukko, E Selzer, KG Shyu, J Sztajzel, A Vinet, MA Walter, M Willmann, K Winkler, A Wykretowicz, MY Köker, J Ybarra. Research update for articles published in EJCI in 2009. *Eur J Clin Invest* 2011; 41(11):149-63. Article first published online: 10 OCT 2011 | DOI: 10.1111/j.1365-2362.2011.02588.x **FI: 2.736**

FI: 3.896

Research projects 2010

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Prizes 2011

Premio a la mejor comunicación oral breve. XV Encuentro Internacional de Investigación en Cuidados. Resolución enfermera en la demanda asistencial en Atención Primaria: estudio de intervención no controlado. Cabratosa J, Caula J, Tell R, Zabaleta E, Jurado J.

Premi de l'Acadèmia de Ciències Mèdiques de Girona. XXVII Jornada de cloenda (curs 2010-2011). Malaltia renal crònica (MCR) en una població de malalts diabètics tipus - 2 majors de 80 anys. Pastoret M, Tomás J, Tarrés L, Petit M, De la Iglesia N, Verdaguer C.

Thesis 2010

Doctorand: Coll G. La hipertensió arterial a la pràctica clínica: optimització de la mesura de la pressió arterial i de l'avaluació de l'afectació dels òrgans diana. Girona: Departament d'Infermeria, Universitat de Girona. Data lectura: 15/03/2010.

USR Lleida

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

Activities

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



COORDINATOR

Inés Cruz

Josep Ramon Marsal, Gisela Galindo, Jordi Real

Articles 2010

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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

Pere Toran

Guillem Pera, Josep M^a Manresa, Núria Montellà, Marta Ruiz, Laura Muñoz

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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

Pere Simonet
Cristina Salvadó, Mercè Marzo,
Héctor Sanz, Jesús Almeda.

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Data lectura: 12/04/2011.

USR Tarragona

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

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

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

What does the USR offers?

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

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



COORDINATOR:

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Josep Lluís Pinyol, Victoria Arija, Gemma Flores.

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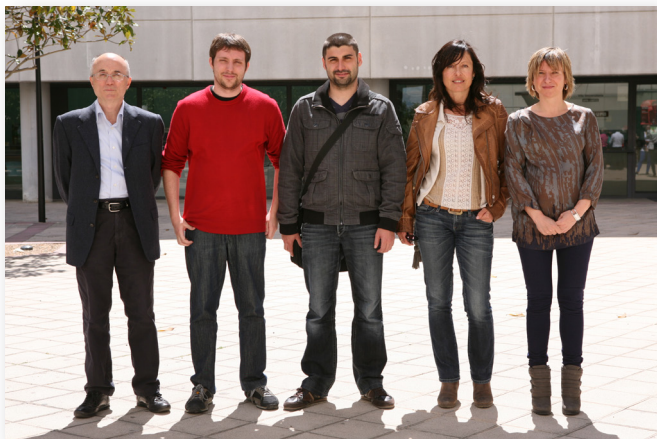
USR Terres de l'Ebre

About

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

Aims

- Production of an annual report describing and assessing the research situation in our area (projects, professionals with an interest in research and PhD holders with the ability to lead studies).
- To identify primary health professionals with an interest in research and their optimal role (project leader, field work, study design).
- To appoint a Research Leader in each GP practice.
- To design a training programme in research that responds to the needs of our professionals.
- To prioritise viable research areas.
- To coordinate the research groups involved in the same field of research.
- Evaluation of projects and applications for funding.
- To organise the research projects by research areas.
- To coordinate our research areas with those of the IDIAP.
- To achieve accreditation of our research groups by the IDIAP
- To increase the number of submissions to public calls for proposals: creation of protocols to apply for funding.
- Dissemination of results: meetings and publications.



COORDINATOR

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Carles López, Rosa Dalmau

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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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