

Clinical Epidemiology and Healthcare

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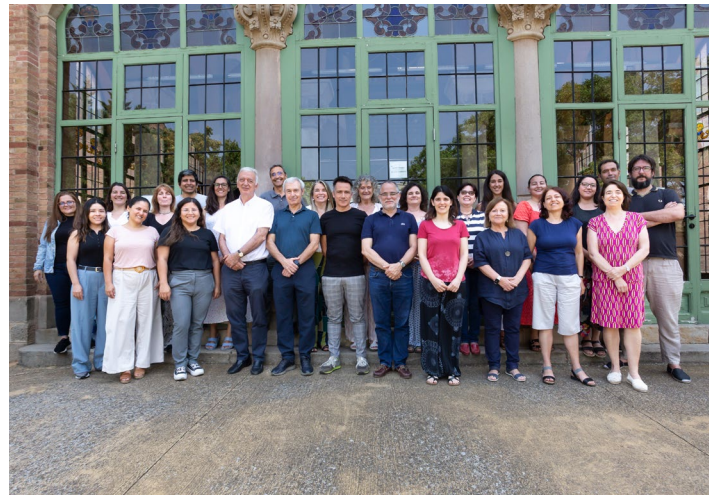
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Roque Figuls, Marta Cristina (IR)

Savall Esteve, Olga (IR)

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DESCRIPTION

Our group conducts intense national and international research, focusing on applied clinical research, health-care services evaluation and non-commercial clinical trials. Recognized as an evidence synthesis hub, we produce various synthesis products and healthcare guidelines, promoting methodological research and offering advice and training to different stakeholders. Our group hosts a Cochrane and GRADE centres and we are internationally recognized for research excellence. We also conduct clinical decision-making research.

MAIN LINES OF RESEARCH

- Clinical practice guidelines and decisions making. Coordinator: Pablo Alonso Coello.
- Primary clinical research. Coordinator: M. José Martínez Zapata.
- Knowledge synthesis, knowledge transfer and health services research. Coordinator: Xavier Bonfill Cosp.

SCIENTIFIC CHALLENGES

- To consolidate our group as a leader organization for evidence synthesis production, research and education, both nationally and internationally.
- To increase the global profile of the group in the field of guideline methodology and education.
- To attract international talent in the different areas of interest, as well as succeed to secure international funding, specially from the European Union.
- To increase shared-decision making in clinical practice, linking guidelines and clinical data.



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- To foster multicenter national and international clinical trials in the area of surgery patients' safety and perioperative medicine and consolidate a research programme within Sant Pau Research Institute.
- To promote research and actions oriented to the implementation of the evidence in order to improve quality and appropriateness of the health-care.
- To consolidate the adoption of a gender perspective into the design, conduct and reporting of our research.
- nish children to assess claims about treatments. CP18/00007. Instituto de Salud Carlos III (ISCIII). Duration: 2019-2024. 202.500,00 €.
- Martínez García, Laura. Contextualización de los recursos didácticos para niños en educación primaria del proyecto Decisiones Informadas en Salud. PI19/00068. Instituto de Salud Carlos III (ISCIII). Duration: 2020-2024. 36.300,00 €.
- Martínez Zapata, Maria Jose. Contractes "Miguel Servet II" 2020. CPII20/00023. Instituto de Salud Carlos III (ISCIII). Duration: 2021-2024. 101.250,00 €.

ACTIVE GRANTS

- Alonso Coello, Pablo Ignacio. La toma de decisiones compartida en el tratamiento para la prevención de fracturas en mujeres postmenopáusicas. PI20/00681. Instituto de Salud Carlos III (ISCIII). Duration: 2021-2023. 83.490,00 €.
- Bonfill Cosp, Xavier. Análisis y mejora de adecuación de la prescripción de quimioterapia al final de la vida. PI18/00034. Instituto de Salud Carlos III (ISCIII). Duration: 2019-2023. 67.760,00 €.
- Bonfill Cosp, Xavier. Impacto del COVID-19 sobre la morbilidad y mortalidad de los. PI21/00062. Instituto de Salud Carlos III (ISCIII). Duration: 2022-2024. 168.190,00 €.
- Bonfill Cosp, Xavier. CRA-ENV-2021-2. Int Agency for Research on Cancer. Duration: 2021-2022. 100.000,00 €.
- De La Torre Perez, Laura. Contractes Rio Hortega 2021. CM21/00206. Instituto de Salud Carlos III (ISCIII). Duration: 2022-2023. 65.000,00 €.
- De La Torre Perez, Laura. Evaluación económica en la evaluación de tecnologías sanitarias en Salud. MV22/00105. Instituto de Salud Carlos III (ISCIII). Duration: 2023-2023. 19.550,00 €.
- Leon García, Montserrat. La toma de decisiones compartida de la terapia trombotrófica durante el embarazo: el valor añadido del método de análisis de decisión. FI18/00014. Instituto de Salud Carlos III (ISCIII). Duration: 2019-2023. 82.400,00 €.
- Martínez García, Laura. Evaluation of primary school resources from the Informed Health Choices project in improving the ability of Spanish children to assess claims about treatments. CP18/00007. Instituto de Salud Carlos III (ISCIII). Duration: 2019-2024. 202.500,00 €.
- Martínez García, Laura. Contextualización de los recursos didácticos para niños en educación primaria del proyecto Decisiones Informadas en Salud. PI19/00068. Instituto de Salud Carlos III (ISCIII). Duration: 2020-2024. 36.300,00 €.
- Martínez Zapata, Maria Jose. Contractes "Miguel Servet II" 2020. CPII20/00023. Instituto de Salud Carlos III (ISCIII). Duration: 2021-2024. 101.250,00 €.
- Popova, Ekaterine. Programa internacional de recerca clínica en medicina perioperatoria. SLT017/20/000089. Departament de Salut Generalitat de Catalunya. Duration: 2021-2023. 85.691,20 €.
- Rojas Reyes, Maria Ximena. Fortalecimiento de la capacidad en la toma de decisiones en el Sistema de Salud español a través de evidencia viva: Un marco de trabajo innovador. PI21/01564. Instituto de Salud Carlos III (ISCIII). Duration: 2022-2024. 114.950,00 €.
- Santero Sosa, Marilina. Análisis y mejora de la adecuación de la prescripción de quimioterapia al final de la vida. FI19/00335. Instituto de Salud Carlos III (ISCIII). Duration: 2020-2024. 82.400,00 €.
- Santero Sosa, Marilina. Evaluación Económica en Salud sobre el adecuado Tratamiento Oncológico Sistémico del Cáncer de Esófago Avanzado en España. MV22/00119. Instituto de Salud Carlos III (ISCIII). Duration: 2023-2023. 19.550,00 €.
- Urrutia Cuchi, Gerard. Resultados centrados en el paciente y utilización de recursos después de la cirugía no cardiaca (España) (PACORUS-S). PI21/01742. Instituto de Salud Carlos III (ISCIII). Duration: 2022-2024. 75.020,00 €.

GRANTS AWARDED

- Alonso Coello, Pablo Ignacio. Grup de Recerca Clínica i Sanitària Aplicada. 2021 SGR 00982. Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Duration: 2022-2025. 40.000,00 €.
- Alonso Coello, Pablo Ignacio. Desarrollos metodológicos para guías de práctica clínica en el



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Sistema Nacional de Salud (SNS). PI23/01813. Instituto de Salud Carlos III (ISCIII). Duration: 2024-2026. 65.000,00 €.

- Martínez Zapata, Maria Jose. Evaluación de una estrategia terapéutica para acortar el tiempo de estancia hospitalaria en apendicitis complicada pediátrica: ensayo clínico aleatorizado, paralelo, multicéntrico, abierto, de no inferioridad. ICI23/00070. Instituto de Salud Carlos III (ISCIII). Duration: 2024-2026. 252.560,00 €.

DOCTORAL THESES DEFENDED

- Anaya Camacho, Rafael. Optimización del tiempo de espera para la cirugía, en pacientes con fractura proximal de fémur y en tratamiento crónico con antiagregantes plaquetarios, de manera individualizada guiada por métodos de medición de agregabilidad plaquetaria. 14/06/2023. Universitat Autònoma de Barcelona. Supervisors: Martínez Zapata, Maria José; Rodríguez Prieto, Mireia; León Vitró, Xavier. <http://hdl.handle.net/10803/690738>.
- Ariel Franco, Juan Víctor. Evidence synthesis on the management of benign prostatic hyperplasia. 19/19/2023. Universitat Autònoma de Barcelona. Supervisors: Hung Jung, Jae; Bonfill Cosp, Xavier.
- Duarte Meza, Valentina. Calidad de vida en pacientes con deformidades dentofaciales. 09/01/2023. Universitat Autònoma de Barcelona. Supervisors: Ferrer Forés, Montse; Villanueva Maffei, Julio; Zaror Sánchez, Carlos; Bonfill Cosp, Xavier. <http://hdl.handle.net/10803/688444>.
- Martín Roncero, Unai. Migraciones internas y desigualdades sociales en salud: el caso de las migraciones hacia la Comunidad Autónoma del País Vasco en las décadas de 1950 a 1970. 20/03/2023. Universitat Autònoma de Barcelona. Supervisors: Bolívar Ribas, Ignasi; Jansà López del Vallado, Josep Maria; Puig Reixach, Maria Teresa. <http://hdl.handle.net/10803/689698>.
- Merchán Galvis, Ángela María. Evaluación de la calidad de vida y complicaciones postoperatorias en pacientes con fractura de cadera. 05/10/2023. Universitat Autònoma de Barcelona. Supervisors: Martínez Zapata, Maria José; Bonfill Cosp, Xavier.
- Mas Dalmau, Gemma. La prescripció antibiòtica diferida en infeccions respiratòries a l'atenció primària: assaig clínic, anàlisi cost-efectivitat i estudi qualitatiu. 12/12/2023. Universitat Autònoma de Barcelona. Supervisors: Alonso Coello, Pablo; Cruz Gómez, Irene; Bonfill Cosp, Xavier.
- Niño de Guzmán Quispe, Ena Pery. Patients' And Caregivers' Perspectives On Outcomes Of Self-Management Interventions For Type 2 Diabetes: Applying Meta-Review Synthesis Methods. 10/11/2023. Universitat Autònoma de Barcelona. Supervisors: Alonso Coello, Pablo; Martínez García, Laura; Bonfill Cosp, Xavier.
- Roel Herranz, Elena. Timely insights into the COVID-19 pandemic using real-world data. 10/05/2023. Universitat Autònoma de Barcelona. Supervisors: Duarte Salles, Talita; Prieto Alhambra, Daniel; Bolívar Ribas, Ignasi. <http://hdl.handle.net/10803/690710>.
- Roso Llorach, Albert. Multimorbidity patterns in an older population from North Europe. 10/02/2023. Universitat Autònoma de Barcelona. Supervisors: Violán Fors, Concepció; Puig Reixach, Maria Teresa. <http://hdl.handle.net/10803/688770>.
- Suclupe Obregón, Stefanie Chriss. Detection of errors in health care and evaluation of preventive measures for patient safety. 19/05/2023. Universitat Autònoma de Barcelona. Supervisors: Martínez Zapata, María José; Robleda Font, Gemma; Bonfill Cosp, Xavier. <http://hdl.handle.net/10803/690718>.
- Valli, Claudia. Values and preferences about meat consumption: synthesis and integration in dietary guideline recommendations. 02/05/2023. Universitat Autònoma de Barcelona. Supervisors: Alonso Coello, Pablo Ignacio; Rabassa Bonet, Montserrat; Bonfill Cosp, Xavier. <http://hdl.handle.net/10803/690563>.
- Vargas Stevenson, Ingrid. Eliminación de la transmisión materno-infantil de VIH y sífilis en continente americano. 10/07/2023. Universitat Autònoma de Barcelona. Supervisors: Silva Dreyer, Ana María; Puig Reixach, Maria Teresa.
- Vázquez Niebla, Juan Carlos. Síntesis de la evidencia científica sobre algunos aspectos controvertidos en el tratamiento neoadyuvante del cáncer de mama no metastásico. 16/03/2023. Universitat Autònoma de Barcelona. Supervisors:



5.1.4 Epidemiology, Public Health And Primary Care Area

Bonfill Cosp, Xavier; Urrútia Cuchí, Gerard. <http://hdl.handle.net/10803/689763>.

SCIENTIFIC PRODUCTION

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- Al AM, Bonfill X, Ardiles S, Bendersky J, Sola I, Masia J. Risk-of-bias assessment of the randomized clinical trials and systematic reviews on surgical treatments for breast cancer-related lymphedema: A mapping review. *Journal of Plastic Reconstructive and Aesthetic Surgery*. 2023; 84DOI:10.1016/j.bjps.2023.05.002. PMID:37329747. IF:2,700 (Q2/4D). Document type: Review.
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- Bendersky J, Uribe M, Bravo M, Vargas JP, Villanueva J, Urrutia G, Bonfill X. Systematic mapping review of interventions to prevent blood loss, infection and relapse in orthognathic surgery. *Medicina Oral Patologia Oral y Cirugia Bucal*. 2023; 28(2)DOI:10.4317/medoral.25530. PMID:36806025. IF:2,200 (Q3/7D). Document type: Review.
- Bendersky J, Uribe M, Bravo M, Vargas JP, Villanueva J, Urrutia G, Bonfill X. Systematic Mapping Review of Orthognathic Surgery (Protocol). *Cranio-maxillofacial Trauma & Reconstruction*. 2023; 16(2)DOI:10.1177/19433875221078385. PMID:37222982. Document type: Review.
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 - Bracchiglione J, Meza N, Perez I, Vergara L, Madrid E, Urrutia G, Cosp XB. A methodological review finds mismatch between overall and pairwise overlap analysis in a sample of overviews. *JOURNAL OF CLINICAL EPIDEMIOLOGY*. 2023; 159DOI:10.1016/j.jclinepi.2023.05.006. PMID:37164290. IF:7,200 (Q1/1D). Document type: Review.
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