

5.1.6 Associated Groups

Anaesthesiology

Group leader

Paniagua Iglesias, Pilar (FGS)

Researchers

Argilaga Nogues, Marta (FGS)
 Azparren Cabezon, Gonzalo (FGS)
 Bainac Albadalejo, Albert Lluís (FGS)
 Barbero Espinosa, Silvia (FGS)
 Batalla Gonzalez, Astrid Maria (FGS)
 Bericat Melero, Paula (FGS)
 Bueno Izquierdo, Ana (FGS)
 Cegarra Sanmartin, Virginia (FGS)
 Cueva Castro, Luisa Fernanda (FGS)
 De La Torre Weinreiter, Mariano Raul (FGS)
 Felipe Correoso, Maria Mar (FGS)
 Fonseca Pinto, Teresa (FGS)
 Font Gual, Adria (FGS)
 García Alvarez, Maria Mercedes (FGS)
 García Rodríguez, Alejandro (FGS)
 Gil Sánchez, José Maria (FGS)
 Gine Serven, Marta (FGS)
 Gomez Caro, Ana Maria (FGS)
 Gonzalez Fernández, Joaquin (FGS)
 Gracia Tomas, Roger (FGS)
 Guadalupe Fernández, Nerea (FGS)
 Gutierrez Marques, Alejandro (FGS)
 Hermenegildo Chavez, Gisela Myrella (FGS)
 Herranz Perez, Gracia (FGS)
 Hinojal Blanco, Ignacio (FGS)
 India Aldana, Inmaculada (FGS)
 Koller, Tobias Bernhard (FGS)
 Maestre Hittinger, Maria Luz (FGS)
 Martin Navarro, Manuel (FGS)
 Martinez García, Clara (FGS)
 Merten, Alfredo R. (FGS)
 Millan Moreno, Irina (FGS)
 Miralles Bagan, Jordi (FGS)
 Moreno Bueno, Marisa (FGS)
 Nuñez Sacristan, Sergio (FGS)
 Pardo Pinzon, Laura Andrea (FGS)
 Parrilla Quiles, Laura (FGS)
 Paz Martin, Adriano (FGS)
 Perez García, Sergio (FGS)
 Rivilla Lizano, M. Teresa (FGS)
 Rodríguez Prieto, Mireia (FGS)
 Sabate Tenas, Sergi (FGS)
 Sneyers Closa, Marijke (FGS)
 Solans Duran, Jose Ramon (FGS)
 Toral Fernández, Diego (FGS)
 Villamizar Avendaño, Angelica (FGS)



DESCRIPTION

Different members of the Anesthesiology department actively collaborate in the international line of research in Perioperative Medicine led by Dr. PJ Devereaux of the Population Health Research Institute (PHRI) - McMaster University (Hamilton, Canada), some of them acting as local principal investigator of numerous international research projects (POISE-1, POISE-2, VISION, VISION Cardiac Surgery, MANAGE, POISE-3). The Anesthesiology department has also contributed to European multicentre studies such as EUSOS or POSE focused on peri interventional outcomes in the elderly population.

Other field of research in our group is about mechanical ventilation approach: iPROVE studies.

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 Vintró, Xavier. <http://hdl.handle.net/10803/690738>.
- Beltrán de Heredia Marrodán, Sandra. Complicacions cardiovasculars i cerebrovasculars i mortalitat en pacients amb lesió miocàrdica perioperatòria (MINS) tractats amb aspirina i estatinas: estudi prospectiu observacional. 23/01/2023. Universitat Autònoma de Barcelona. Supervisors:



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- Sabaté Tenas, Sergi; Gallart Gallego, Lluís. <http://hdl.handle.net/10803/688680>.
- Koller, Tobias Bernhard. Bleeding associated coagulopathy: new treatment strategies based on coagulation factor concentrates. 27/01/2023. Universitat Autònoma de Barcelona. Supervisors: Diaz Ricart, M. Isabel; Paniagua Iglesias, Pilar; León i Vintró, Xavier. <http://hdl.handle.net/10803/688676>.
 - Llau JV, Aldecoa C, Guasch E, Marco P, Marcos P, Paniagua P, Páramo JA, Quintana M, Rodríguez FJ, Serrano A. Multidisciplinary consensus document on the management of massive haemorrhage. First update 2023 (document HEMOMAS-II). *Revista Española De Anestesiología Y Reanimación*. 2023; 70(7)DOI:10.1016/j.redare.2023.08.001. PMID:37640281. Document type: Article.
 - Llau JV, Aldecoa C, Guasch E, Marco P, Marcos P, Paniagua P, Páramo JA, Quintana M, Rodríguez FJ, Serrano A. Multidisciplinary consensus document on the management of massive haemorrhage. First update 2023 (document HEMOMAS-II). *Medicina Intensiva*. 2023; 47(8)DOI:10.1016/j.medin.2023.03.007. IF:3,000 (Q3/7D). Document type: Article.

SCIENTIFIC PRODUCTION

- Álvarez J, Popova E, Vives M, de Nadal M, Ordonez J, Rivas M, Moustafa A-H, Solé E, Paniagua P, García X, Viladés D, Leta R, Oristrell G, Zamora J, Ferreira I, Alonso P, Carreras F. Myocardial injury after major non-cardiac surgery evaluated with advanced cardiac imaging: a pilot study. *BMC Cardiovascular Disorders*. 2023; 23(1):78. DOI:10.1186/s12872-023-03065-6. PMID:36765313. IF:2,100 (Q3/8D). Document type: Article.
- Beltran de Heredia S, Mases A, Recasens L, Sabat T S, Nunez M, Bosch L, Roman L, Rueda M, Alonso E, Gallart L. Mortality and incidence of cardiovascular events in patients treated with aspirin and statins at one year after myocardial injury in noncardiac surgery: a prospective observational study. *Minerva Anestesiologica*. 2023; 89(5)DOI:10.23736/S0375-9393.22.16807-0. PMID:36287395. IF:3,200 (Q2/5D). Document type: Article.
- Castellarnau S, Gaya JM, Espinosa J, Sierra P, Huguet J, Palou J, Hernando D, Sabate S, Breda A. Clinical impact of the suspension of the ERAS protocol on patients undergoing radical cystectomy during the COVID-19 pandemic. *Actas Urológicas Españolas*. 2023; 47(6)DOI:10.1016/j.acuro.2023.01.005. PMID:36776227. IF:1,100 (Q4/9D). Document type: Article.
- Jiménez E, Asmarats L, Roqué M, Millán X, Li CHP, Fernández E, Sánchez J, Massó van Roessel A, Maestre ML, Paniagua P, Arzamendi D. Impact of Baseline Anemia in Patients Undergoing Transcatheter Aortic Valve Replacement: A Prognostic Systematic Review and Meta-Analysis. *Journal of Clinical Medicine*. 2023; 12(18):6025. DOI:10.3390/jcm12186025. PMID:37762965. IF:3,900 (Q2/4D). Document type: Review.
- Marcucci M, Painter TW, Conen D, Lomivorotov V, Sessler DI, Chan MTV, Borges FK, Leslie K, Duceppe E, Martinez MJ, Wang CY, Xavier D, Ofori SN, Wang MK, Efremov S, Landoni G, Kleinlugtenbelt YV, Szczeklik W, Schmartz D, Garg AX, Short TG, Wittmann M, Meyhoff CS, Amir M, Torres D, Patel A, Ruetzler K, Parlow JL, Tandon V, Fleischmann E, Polanczyk CA, Lamy A, Jayaram R, Astrakov SV, Wu WKK, Cheong CC, Ayad S, Kirov M, de Nadal M, Likhvantsev VV, Paniagua P, Aguado HJ, Maheshwari K, Whitlock RP, McGillion MH, Vincent J, Copland I, Balasubramanian K, Biccard BM, Srinathan S, Ismoilov S, Pettit S, Stillo D, Kurz A, Belley EP, Spence J, McIntyre WF, Bangdiwala SI, Guyatt G, Yusuf S, Devereaux PJ, POISE Trial Investigators Study 3. Hypotension-Avoidance Versus Hypertension-Avoidance Strategies in Noncardiac Surgery An International Randomized Controlled Trial. *ANNALS OF INTERNAL MEDICINE*. 2023; 176(5)DOI:10.7326/M22-3157. PMID:37094336. IF:39,200 (Q1/1D). Document type: Article.
- Mases A, Beltrán de Heredia S, Gallart L, Román L, Bosch L, Núñez M, Rueda M, Recasens L, Sabaté S. Prediction of Acute Myocardial Injury in Noncardiac Surgery in Patients at Risk for Major Adverse Cardiovascular and Cerebrovascular Events: A Multivariable Risk Model. *ANESTHESIA AND ANALGESIA*. 2023; 137(6)DOI:10.1213/ANE.0000000000006469. PMID:37043386. IF:5,700 (Q1/2D). Document type: Article.



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- Popova E, Alonso P, Álvarez J, Paniagua P, Rué M, Vives M, Font A, Gich I, Martínez C, Ordóñez J, Carles M. Cost-effectiveness of a high-sensitivity cardiac troponin T systematic screening strategy compared with usual care to identify patients with perioperative myocardial injury after major noncardiac surgery. *EUROPEAN JOURNAL OF ANAESTHESIOLOGY*. 2023; 40(3)DOI:10.1097/EJA.0000000000001793. PMID:36722187. IF:3,600 (Q2/4D). Document type: Article.
- Popova E, Paniagua P, Álvarez J, Vives M, González A, García Á, Rivas M, Hermenegildo G, Díaz R, Azparren G, Barceló M, Moustafa A-H, Aguilar R, Ordonez J, Alonso P. The Relevance of Implementing the Systematic Screening of Perioperative Myocardial Injury in Noncardiac Surgery Patients. *Journal of Clinical Medicine*. 2023; 12(16):5371. DOI:10.3390/jcm12165371. PMID:37629413. IF:3,900 (Q2/4D). Document type: Article.
- Rincón MD, Felipe MM, Candela Á. Assessment of the degree of knowledge of the massive transfusion protocol in four Spanish hospitals. *MEDICINA CLINICA*. 2023; 161(7)DOI:10.1016/j.medcli.2023.05.010. PMID:37380548. IF:3,900 (Q2/4D). Document type: Article.
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