



3.4.7 Patient Blood Management



3 Research areas and groups

Publications: 52 | Q1: 23

COMPOSITION

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- **Milagros Martí de Gracia.** Jefe de Sección de Radiología de Urgencias. Hospital Universitario La Paz
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- **Paloma Oliver Sáez.** Facultativo Especialista de Área en Análisis Clínicos. Tutora de residentes de Análisis Clínicos. Hospital Universitario La Paz
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- **María Angélica Rivera Núñez.** Facultativo Especialista de Área en Medicina Interna. Hospital Universitario La Paz
- **Marcelino Sánchez Casado.** Facultativo Especialista de Área en Medicina Intensiva. Hospital Virgen de la Salud

STRATEGIC OBJECTIVES

- Stratifying risk in the critically ill patient
- Stratify pulmonary thromboembolism risk
- Try to diagnose the potentially ill polytraumatized patient at the emergency room Enhance the use of blood products
- Critically ill patient coagulopathy
- Early diagnose of anemia at the emergency room
- Intravenous iron usage
- Anticoagulation Reversal
- Patient Blood Management Implementation

RESEARCH LINES

- Critical Bleeding
- Anticoagulation reversal
- Frailty
- COVID19
- Interrelation in Cardiovascular Diseases and Cares

RESEARCH ACTIVITY

Doctoral Theses

- **Ramírez Cervantes KL.** COVID-19-associated thrombosis: studying its prevalence in the deprived population, its clinical prediction in critically ill individuals, and the antithrombotic use patterns at a country level[dissertation]. Madrid: Universidad Autónoma de Madrid: 2024(17/12/2024). Director: Quintana Díaz M, Huerta Álvarez C
- **Miguéns Blanco I.** Identificación de problemas en relación con la brecha de género en los Servicios de Urgencias hospitalarios de España y propuesta de soluciones para su erradicación[dissertation]. Madrid: Universidad Autónoma de Madrid: 2024(27/06/2024). Director: Quintana Díaz M, Munayco Sánchez AJ
- **Jericó Alba C.** Estudio Observacional Retrospectivo sobre la Implementación (Implantación, Desarrollo y Evaluación) de un Programa de Patient Blood Management en un Hospital general[dissertation]. Madrid: Universidad Autónoma de Madrid: 2024(09/02/2024). Director: Quintana Díaz M, García Erce JA
- **Lucía Montoya O.** Conciencia corporal como factor protector de las orientaciones suicidas en estudiantes universitarios[dissertation]. Salamanca: Universidad de Salamanca: 2024(11/07/2024). Director: Juárez Vela R
- **Maria Matilla A.** Epidemiología e implicaciones del Síndrome de Burnout en profesionales de enfermería[dissertation]. Salamanca: Universidad de Salamanca: 2024(26/09/2024). Director: Juárez Vela R
- **Garrote Camara ME.** Características clínicas del síndrome de agitación psicomotriz en pacientes con trastorno mental grave[dissertation]. Lérida: Universitat de Lleida: 2024(24/05/2024). Director: Juárez Vela R

Publications

- **Alfaro E, Casitas R, Díaz-García E, García-Tovar S, Galera R, Torres-Vargas M, Fernández-Velilla**

M, López-Fernández C, Añón JM, Quintana-Díaz M, García-Río F, Cubillos-Zapata C. TGF- β 1 overexpression in severe COVID-19 survivors and its implications for early-phase fibrotic abnormalities and long-term functional impairment. *Front Immunol.* 2024; 15: 1401015. Article. IF: 5.9; Q1

- **Barrio-Ruiz C, de Viñaspre-Hernández RR, Colaceci S, Juárez-Vela R, Santolalla-Arnedo I, Durante A, Di Nitto M.** Language and Cultural Barriers and Facilitators of Sexual and Reproductive Health Care for Migrant Women in High-Income European Countries: An Integrative Review. *J Midwifery Wom Heal.* 2024; 69(1): 71-90. Review. IF: 2.3; Q1
- **Briz VD, Gea-Caballero V, Chover-Sierra E, Czaplá M, Fehler P, Rodríguez-Calvo A, Ballestar-Tarín ML, Marín-Maicas P, Cabellos-García AC, Pardo-Bosch M, Juárez-Vela R, Martínez-Sabater A.** Knowledge Level of ICU Nurses Regarding Nutritional Assessment of Critically Ill Patients: A Systematic Review. *Nurs Rep.* 2024; 14(1): 586-602. Review. IF: 2; Q2
- **Burgos-Esteban A, Quintana-Díaz M, Cerdón-Hurtado V, Giménez-Luzuriaga M, Santolalla-Arnedo I, de Viñaspre-Hernández RR, Gea-Caballero V, Santos-Sánchez JA, Navas-Echazarreta N, Rodríguez-Calvo A, Sánchez-Conde P, Juárez-Vela R.** Epidemiology, use, and practice of the intraosseous route in an out-of-hospital emergency department: a retrospective cross-sectional study. *Front Public Health.* 2024; 12: 1375431. Article. IF: 3.4; Q1
- **Caballero T, Alonso C, Baeza ML, Baynova K, Cabeza J, Cortés I, Oblitas DE, Guilarte M, Joral A, Palomo JJ, Jiménez MAL, Virto AM, Medrano L, Boquet EM, Navarro M, Pérez D, Martí MJ, Foltz SLS, Suero C, Zamora C.** Hereditary angioedema in Spain: medical care and patient journey. *Orphanet J Rare Dis.* 2024; 19(1): 210. Article. IF: 3.5; Q2
- **Calderón-Moreno J, Delgado-Rodríguez**

MJ, Juárez-Vela R, Tejada-Garrido CI, de Viñaspre-Hernández RR, Burgos-Esteban A, Sánchez-Conde P, Andreu-Fernández V, Gea-Caballero V, Santos-Sánchez JA, Quintana-Díaz M, Andrés-Esteban EM. Approximation to the economic cost of healthcare for hypertensive patients diagnosed with COVID-19. *Front Public Health.* 2024; 12: 1333081. Article. IF: 3.4; Q1

- **de Viñaspre-Hernández RR, Garrido-Santamaría R, Urra-Martínez R, Sáenz-Cabredo P, Garrido-Rivas AE, Juárez-Vela R, Sánchez-González JL, Lafuente-Jimenez A, Ramón-Arhués E, Navas-Echazarreta N, Santolalla-Arnedo I.** Early removal of the etonogestrel contraceptive implant in Spanish women: a prospective cohort study. *Front Med (Lausanne).* 2024; 11: 1172793. Article. IF: 3; Q1
- **del Pozo-Herce P, Baca-García E, Martínez-Sabater A, Chover-Sierra E, Gea-Caballero V, Curto-Ramos J, Czaplá M, Karniej P, Martínez-Tofe J, Sánchez-Barba M, de Viñaspre RR, Juárez-Vela R.** Descriptive study on substance uses and risk of sexually transmitted infections in the practice of Chemsex in Spain. *Front Public Health.* 2024; 12: 1391390. Article. IF: 3.4; Q1
- **Del Pozo-Herce P, Baca-García E, Martínez-Sabater A, Pérez-Elvira R, Gea-Caballero V, Chover-Sierra E, Satústegui-Dordá PJ, Tovar-Reinoso A, Rodríguez-Velasco EJ, Sánchez-Barba M, Pérez J, Juárez-Vela R.** The Chem-Sex Inventory Scale (CSI): A Tool to Assess the Mental Health Risk of Chemsex Behaviors in Men Who Have Sex with Men. *Nurs Rep.* 2024; 14(3): 2226-45. Article. IF: 2; Q2
- **Del Pozo-Herce P, Martínez-Sabater A, Sánchez-Palomares P, García-Boaventura PC, Chover-Sierra E, Martínez-Pascual R, Gea-Caballero V, Saus-Ortega C, Ballestar-Tarín ML, Karniej P, Baca-García E, Juárez-Vela R.** Effectiveness of Harm Reduction Interventions in Chemsex: A Systematic Review. *Healthcare (Basel).* 2024; 12(14): 1411. Review. IF: 2.7; Q2

- **Del Pozo-Herce P, Tovar-Reinoso A, Martínez-Sabater A, Chover-Sierra E, Pacheco-Tabuenca T, Carrasco-Yubero J, Sánchez-González JL, González-Fernández S, Santolalla-Arnedo I, Sufrate-Sorzano T, Juárez-Vela R, Blas EGC.** Mental Health Nursing Student's Perception of Clinical Simulation about Patients at Risk of Suicide: A Qualitative Study. *Nurs Rep.* 2024; 14(1): 641-54. Article. IF: 2; Q2
- **Del Pozo-Herce P, Tovar-Reinoso A, Martínez-Sabater A, Chover-Sierra E, Sufrate-Sorzano T, Saus-Ortega C, Curto-Ramos J, Padilla-Brito JM, González-Navajas C, Baca-García E, Juárez-Vela R, Blas EGC.** Exploration of Mental Health Elements in Chemsex Behavior: Interventions, Influencing Factors, and Attitudes towards Risk and Harm Reduction in Spain. *Nurs Rep.* 2024; 14(3): 2313-26. Article. IF: 2; Q2
- **Díez-Vidal A, López JG, Fuertes PR, Jurado FT, Espinosa PB, Ballester JFM, Roca SR, Núñez MAR, Virto AMM, Tung-Chen Y.** Superficial vein thrombosis and its relationship with malignancies: a prospective observational study. *J Thromb Thrombolys.* 2024; 57(4): 650-7. Article. IF: 2.2; Q2
- **Durante A, Vellone E, Younas A, Juárez-Vela R, Boyne J, Piredda M, De María M.** Psychometric testing of the Care Dependency Scale in patients with heart failure and their caregivers. *Eur J Cardiovasc Nur.* 2024; 23(5): 540-8. Article. IF: 3.9; D1
- **Estrella-Alonso A, Silva-Obregón JA, Fernández-Tobar R, Marián-Crespo C, de Santaquiteria-Torres VR, Jiménez-Puente G, Arroyo-Espiguero R, Viana-Llamas MC, Ramírez-Cervantes KL, Quintana-Díaz M.** Extended Prone Position and 90-Day Mortality in Mechanically Ventilated Patients With COVID-19. *Resp Care.* 2024; 69(10): 1255-65. Article. IF: 2.1; Q3
- **Fabre-Estremera B, Martínez-Chavez E, Manzano Ocaña M, Carcavilla Urqui A, Morales**

3 Research areas and groups



Sánchez MA, Pinilla Tejado I, González-Casado I, Losantos García I, Fernández-Calle P, Soto AB, Oliver P. Uso de glucometros durante la prueba de tolerancia oral a la glucosa en niños para el diagnóstico de prediabetes y diabetes. Estudio comparativo. *Adv Lab Med.* 2024; 5(2): 197-204. Article. IF: 0.9; Q4

• **Fernández-Pedruelo D, Juárez-Vela R, de Viñaspre-Hernández RR, Alonso-Alonso J, Criado-Gutiérrez JM, Sancho-Sánchez C.** Influence of smoking and obesity on post-COVID-19 sequelae and risk of hospitalization. *Front Med (Lausanne).* 2024; 11: 1499239. Article. IF: 3; Q1

• **Flores E, Estébanez B, Quintana M, Fernández-Punero B, Nanwani K, Cachafeiro L, Martínez JR, Agrifoglio A, Sánchez-Sánchez M.** Usefulness of mid-regional proadrenomedullin levels in the resuscitation phase of severely burned patients and its utility in early sepsis detection. *Burns.* 2024; 50(6): 1519-27. Article. IF: 2.9; Q2

• **Freire-Moreira I, Sánchez-Conde MP, Sousa GBD, Garrido-Gallego MI, Rodríguez-López JM, Juárez-Vela R, Bragado JA, Carretero-Hernández M, Vargas-Chiarella CR, Calderón-Moreno J, Lorenzo-Gómez MF, Vaquero-**

Roncero LM. Systematic preoperative approach for bariatric surgery, perioperative results, and economic impact. *Front Public Health.* 2024; 12: 1439948. Article. IF: 3.4; Q1

• **Gea-Caballero V, Pellin-Carcelén A, Píera-Gomar JL, Mármol-López MI, Santolalla-Arnedo I, Garrido CIT, Burgos-Esteban A, Sánchez MR, Sánchez AR, Carboneres-Tafaner MI, Juárez-Vela R.** Evaluation of the impact of speak out and human libraries educational methodologies on nursing students' attitudes toward immigration. *Front Public Health.* 2024; 12: 1308973. Article. IF: 3.4; Q1

• **Guiote JMC, Contreras CU, Raya PG, Vélez SO, de Gracia MM, Moll GG.** Checklist: Neck computed tomography in non-traumatic emergencies. *Radiologia.* 2024; 66(2): 155-65. Article. IF: 1.1; Q4

• **Gurdiel-Álvarez F, Navarro-López V, Varela-Rodríguez S, Juárez-Vela R, Cobos-Rincón A, Sánchez-González JL.** Transcranial magnetic stimulation therapy for central post-stroke pain: systematic review and meta-analysis. *Front Neurosci.* 2024; 18: 1345128. Article. IF: 3.2; Q2

• **Itkonen O, Jonker N, Aarsand AK, Sandberg S, Díaz-Garzon J, Calle PF, Coskun A, Bartlett WA, Locatelli M, Carobene A.** The European

biological variation study (EuBIVAS): Biological variation data for testosterone, follicle stimulating hormone, prolactin, luteinizing hormone and dehydroepiandrosterone sulfate in men. *Clin Chim Acta.* 2024; 555: 117806. Article. IF: 2.9; Q2

• **Jones GRD, Aarsand AK, Carobene A, Coskun A, Fernández-Calle P, Bartlett B, Díaz-Garzon J, Sandberg S.** A New Concept for Reference Change Values-Regression to the Population Mean. *Clin Chem.* 2024; 70(8): 1076-84. Article. IF: 6.3; D1

• **Karniej P, Dissen A, Juárez-Vela R, Sabater AM, del Pozo-Herce P, Gea-Caballero V, Echaniz-Serrano E, Czaplá M.** Cultural Adaptation and Psychometric Properties of the Spanish Version of the Gay Affirmative Practice Scale (GAP-ES). *Healthcare (Basel).* 2024; 12(22): 2258. Article. IF: 2.7; Q2

• **Karniej P, Dissen A, Juárez-Vela R, Santolalla-Arnedo I, Sufrate-Sorzano T, Garrote-Camara ME, Czaplá M.** Psychometric properties and cultural adaptation of the Polish Version of the Gay Affirmative Practice Scale. *Front Public Health.* 2024; 12: 1384429. Article. IF: 3.4; Q1

• **Kopiczko A, Czaplá M, Juárez-Vela R, Ross C, Uchmanowicz B.** Dairy product consumption, eating habits, sedentary behaviour and physical activity association with bone mineral density among adolescent boys: a cross-sectional observational study. *BMC Pediatr.* 2024; 24(1): 53. Article. IF: 2.0; Q2

• **Larraga-García B, Bejerano VR, Oregui X, Rubio-Bolívar J, Quintana-Díaz M, Gutiérrez A.** Physiological and performance metrics during a cardiopulmonary real-time feedback simulation to estimate cognitive load. *Displays.* 2024; 84: 102780. Article. IF: 3.4; Q2

• **Larraga-García B, López LC, Escobar FM, Míguez RQ, Quintana-Díaz M, Gutiérrez A.** Improvement and Evaluation of Emergency Trauma Management Using Interactive Simulation. *Ílmbe Proc.* 2024; 109: 412-20. Proceedings Paper. Not Indexed

• **Lassaletta L, Sánchez-Cuadrado I, Mato-Patino T, Peñarocha J, Rivera-Núñez MA, Santos-Olmo RMT, Gavilán J, Morales-Puebla JM.**

3 Research areas and groups

3.4. Large System Pathologies Area

Has Coronavirus Disease 2019 Changed the Incidence and Outcome of Bell's Palsy? *J Int Adv Otol.* 2024; 20(1): 19-25. Article. IF: 1.2; Q3

• **Lewandowski L, Czaplá M, Uchmanowicz I, Kubiela G, Zielinski S, Krzystek-Korpaczka M, Ross C, Juárez-Vela R, Zielinska M.** Machine Learning and Clinical Predictors of Mortality in Cardiac Arrest Patients: A Comprehensive Analysis. *Med Sci Monitor.* 2024; 30: e944408. Article. IF: 2.1; Q3

• **Maldonado-Barrueco A, Gutiérrez-Arroyo A, Bloise I, de Ceano-Vivas M, Rivera-Núñez A, Santos-Olmos RT, Vega DM, García-Rodríguez J.** Evaluation of CLINITEST® Rapid Covid-19+Influenza antigen test in a cohort of symptomatic patients in an emergency department. *Eur J Clin Microbiol.* 2024; 43(5): 853-61. Article. IF: 3.0; Q2

• **Martínez-Tofé J, Ausili D, Soto-Ruiz N, Santolalla-Arnedo I, Durante A, di Nitto M, Lysanets Y, de Viñaspre-Hernández RR, Tejada-Garrido CI, Barba MS, Gea-Caballero V, Juárez-Vela R.** Transcultural adaptation and theoretical models validation of the Spanish version of the Self-Care of Diabetes Inventory. *Front Med (Lausanne).* 2024; 11: 1423948. Article. IF: 3; Q1

• **Montoya-Hurtado OL, Sobral-Monteiro-Junior R, Meneses-Castaño CY, Sánchez-Sánchez C, Martínez-Sabater A, Andrés-Olivera P, Sánchez-Conde P, Sánchez-Toledo JP, Criado-Gutiérrez JM, Criado-Pérez L, Sánchez-González JL, Juárez-Vela R.** Body Awareness as a Protective Factor against Suicidal Orientations in College Students. *Behav Sci (Basel).* 2024; 14(5): 358. Article. IF: 2.5; Q2

• **Moreno-Parro I, Díaz-Garzon J, Aarsand AK, Sandberg S, Aikin R, Equey T, Ríos-Blanco JJ, Soto AB, Fernández-Calle P.** Biological Variation Data in Triathletes for Metabolism and Growth-Related Biomarkers Included in the Athlete Biological Passport. *Clin Chem.* 2024; 70(7): 987-96. Article. IF: 6.3; D1

• **Navas-Echazarreta N, Juárez-Vela R, Martínez-Sabater A, Echaniz-Serrano E, Fernández-Rodrigo MT, Navarro-Martínez O, Sancho-Sánchez C, Cobos-Rincón A, Rodríguez-Calvo A, González-Fernández S, Chover-Sierra E,**

3 Research areas and groups

Satústegui-Dordá PJ. Measuring Instruments for Media Health Literacy: A Systematic Review of Psychometric Properties. *Nurs Rep.* 2024; 14(4): 2795-818. Review. IF: 2; Q2

- **Navas-Echazarreta N, Juárez-Vela R, Martínez-Sabater A, Gea-Caballero V, Chover-Sierra E, Echaniz-Serrano E, de Viñaspre-Hernández RR, Jodrá-Esteban B, Sánchez-Conde P, Fernández-Rodrigo MT, Rodríguez-Calvo A, Satústegui-Dordá PJ.** Psychometric properties of the Spanish version of the media health literacy questionnaire (MeHLit-SV). *Front Public Health.* 2024; 12: 1440386. Article. IF: 3.4; Q1
- **Navas-Echazarreta N, Satústegui-Dordá PJ, Rodríguez-Velasco EJ, García-Perea ME, Martínez-Sabater A, Chover-Sierra E, Ballestar-Tarín ML, Del Pozo-Herce P, González-Fernández S, de Viñaspre-Hernández RR, Czapla M, Juárez-Vela R.** Media Health Literacy in Spanish Nursing Students: A Multicenter Cross-Sectional Study. *Nurs Rep.* 2024; 14(3): 2565-79. Article. IF: 2; Q2
- **Ocaña-Ortiz A, Gea-Caballero V, Juárez-Vela R, Peiró R, Pérez-Sanz E, Santolalla-Arnedo I, Sufrate-Sorzano T, Garrote-Cámara ME, Paredes-Carbonell JJ.** Health equity in urban and rural settings: implementation of the place standard tool in Spain. *Front Public Health.* 2024; 12: 1292032. Article. IF: 3.4; Q1
- **Ramírez-Cervantes KL, Campillo-Morales S, García-Poza P, Quintana-Díaz M, Huerta-Álvarez C.** Antithrombotic Use Patterns in COVID-19 Patients from Spain: A Real-World Data Study. *J Clin Med.* 2024; 13(8): 2403. Article. IF: 2.9; Q1
- **Rodríguez-Alcázar EJ, Juárez-Vela R, Sánchez-González JL, Martín-Vallejo J.** Interventions Effective in Decreasing Burden in Caregivers of Persons with Dementia: A Meta-Analysis. *Nurs Rep.* 2024; 14(2): 931-45. Review. IF: 2; Q2
- **Ros Gómez B, Gómez-López J, Quintana-Díaz M, Calvo Sevilla SV, Rodríguez-Fuertes P, Tejeda-Jurado F, Berrocal-Espinosa P, Martínez-Ballester JF, Rodríguez-Roca S, Rivera Núñez MA, Martínez Virto AM, Martín-Vega A, Fernández-Capitán C, Salgueiro-Origlia**

G Marín-Baselga R, Lorenzo Hernández A, Sancho Bueso T, Puchades Rincón de Arellano R, Gutiérrez-Sancerni B, Díez-Vidal A, Carrasco-Molina S, Tung-Chen Y. Factors Associated with the Evolution of Superficial Vein Thrombosis and Its Impact on the Quality of Life: Results from a Prospective, Unicentric Study. *J Vasc Dis.* 2024; 3(1): 1-10. Article. Not Indexed

- **Sánchez-González JL, Juárez-Vela R, de la Torre VDM, Andrés-Olivera MD, Martín-Vallejo J, Morán-Bayón A, Gonçalves-Cerejeira JL, Gestoso-Uzal N, González-Sarmiento R, Pérez J.** Effect of strength-based physical exercise on telomere length as a marker of premature ageing in patients with schizophrenia: study protocol for a pilot randomised controlled trial. *Biopsych Open.* 2024; 10(5): e162. Article. IF: 3.5; Q1
- **Sánchez-González JL, Sánchez-Rodríguez JL, Varela-Rodríguez S, González-Sarmiento R, Rivera-Picon C, Juárez-Vela R, Tejeda-Garrido CI, Martín-Vallejo J, Navarro-López V.** Effects of Physical Exercise on Telomere Length in Healthy Adults: Systematic Review, Meta-Analysis, and Meta-Regression. *JMIR Public Health Surveill.* 2024; 10: e46019. Review. IF: 3.9; Q1
- **Sandberg S, Coskun A, Carobene A, Fernández-Calle P, Díaz-Garzón J, Bartlett WA, Jonker N, Galior K, Gonzales-Lao E, Moreno-Parro I, Sufrate-Vergara B, Webster C, Aarsand AK.** Analytical performance specifications based on biological variation data - considerations, strengths and limitations. *Clin Chem Lab Med.* 2024; 62(8): 1483-89. Article. IF: 3.7; Q1
- **Sufrate-Sorzano T, Corton-Carrasco O, Garrote-Cámara ME, Navas-Echazarreta N, Pozo-Herce PD, Di Nitto M, Juárez-Vela R, Santolalla-Arnedo I.** Social Networks as a Tool for Evidence-Based Health Education: Umbrella Review. *Nurs Rep.* 2024; 14(3): 2266-82. Review. IF: 2; Q2
- **Taccione FS, Bittencourt CR, Moller K, Lormans P, Quintana-Díaz M, Caricato A, Ferreira MAC, Badenes R, Kurtz P, Sondergaard CB, Colpaert K, Petterson L, Quintard H, Cinotti R, Bogossian EG, Righy C, Silva S, Roman-Pognuz E, Vandewaeter C, Lemke D, Huet O, Mahmoodpoor A, Ortiz AB, van der Jagt M,**

Chabanne R, Videtta W, Bouzat P, Vincent JL, TRAIN Study Grp. Restrictive vs Liberal Transfusion Strategy in Patients With Acute Brain Injury The TRAIN Randomized Clinical Trial. *JAMA-J Am Med Assoc.* 2024; 332(19): 1623-33. Article. IF: 55.0; D1

- **Tintu AN, Soto AB, Van Hoof V, Bench S, Malpass A, Schilling UM, Rooney K, Sáez PO, Relker L, Luppa P.** The influence of undetected hemolysis on POCT potassium results in the emergency department. *Clin Chem Lab Med.* 2024; 62(11): 2169-76. Article. IF: 3.7; Q1
- **Tung-Chen Y, Martí-de Gracia M.** Physical exam with ultrasound, lights and shadows of an unstoppable multidisciplinary advance. *Rev Clin Esp.* 2024; 224(3): 187-8. Editorial Material. IF: 1.7; Q2
- **Vidal AD, López JG, Núñez MAR, Virto AMM, Chen YT.** Risk factors and complications associated with superficial venous thrombosis. *Eur J Intern Med.* 2024; 121: 146-8. Letter. IF: 6.1; Q1
- **Wojciechowki J, Czapla M, Konop M, Juárez-Vela R, Rosinczuk J.** Evaluation of Accidental and Intentional Pediatric Poisonings: Retrospective Analysis of Emergency Medical Service Interventions in Wrocław, Poland. *Nurs Rep.* 2024; 14(3): 2523-34. Article. IF: 2; Q2
- **Zaher-Sánchez S, Satústegui-Dordá PJ, Ramón-Arbués E, Santos-Sánchez JA, Aguilón-Leiva JJ, Pérez-Calahorra S, Juárez-Vela R, Sufrate-Sorzano T, Angulo-Nalda B, Garrote-Cámara ME, Santolalla-Arnedo I, Echaniz-Serrano E.** The Management and Prevention of Delirium in Elderly Patients Hospitalised in Intensive Care Units: A Systematic Review. *Nurs Rep.* 2024; 14(4): 3007-22. Review. IF: 2; Q2

Research projects

- **Martínez Virto AM.** Epidemiología del angioedema en los servicios de urgencias. Shire International GmbH. 2020-Ongoing. **Managment centre: FIBHULP**
- **Oliver Sáez P.** Estudio de gasometría en el lugar de asistencia. Beneficio para el paciente. Asociación Española de Farmacéuticos Analistas. 2012-Ongoing. **Managment centre: FIBHULP**

3 Research areas and groups

3.4. Large System Pathologies Area

- **Quintana Díaz M.** Estudio de la coagulopatía y de los perfiles de inflamación sistémica asociados a la hemorragia subaracnoidea aneurismática. FIBHULP. 2020-Ongoing. **Managment centre: FIBHULP**
- **Quintana Díaz M.** Estudio de monitorización de heparinas de bajo peso molecular como profilaxis en un Servicio de Urgencias. Bayer Hispania S. L. 2011-Ongoing. **Managment centre: FIBHULP**
- **Quintana Díaz M.** Identificación de factores de gravedad en el paciente con traumatismo potencialmente grave. FIBHULP. 2013-Ongoing. **Managment centre: FIBHULP**
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Patents and trademarks

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