



## 3.4.2 Organic Dysfunction and Failure in the Aggression

Publications: 27 | Q1: 17

### COMPOSITION

**José Manuel Añón Elizalde.**

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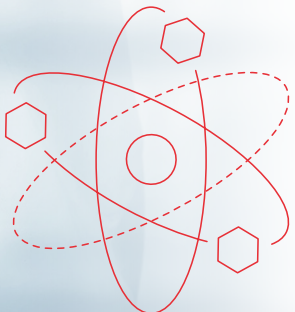
- **Alejandro Agrifoglio Rotaache.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **María Soledad Arellano Serrano.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **María José Asensio Martín.** *Jefa de Sección en Medicina Intensiva. Hospital Universitario La Paz*
- **Lucía Cachafeiro Fuciños.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **Belén Civantos Martín.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **Claudia Díaz Alvaríño.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
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- **Juan Carlos Figueira Iglesias.** *Jefe de Sección en Medicina Intensiva. Hospital Universitario La Paz*
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- **Andoni García Muñoz.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*

- **Mónica Hernández Bernal.** *Médico Adjunto Especialista en Unidad de Cuidados Intensivos. Hospital Universitario La Paz*
- **Gonzalo Hernandez Martinez.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario de Toledo*
- **Alba López Fernández.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **Jesús Javier Manzanares Gómez.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **Pablo Millán Estañ.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
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- **Óscar Peñuelas Rodríguez.** *Jefe de sección en Medicina Intensiva. Hospital Universitario de Getafe*
- **Eva Perales Ferrera.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **Montserrat Aránzazu Rodríguez Aguirregabiria.** *Facultativo Especialista de Área en Medicina en Intensiva. Hospital Universitario La Paz*
- **Jorge Rodríguez Peláez.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*
- **Santos Manuel Sánchez Sánchez.** *Jefe de Sección de Medicina Intensiva. Hospital Universitario La Paz*
- **Santiago Yus Teruel.** *Facultativo Especialista de Área en Medicina Intensiva. Hospital Universitario La Paz*



### STRATEGIC OBJETIVES

- The global objective of the investigation team on DYSFUNCTION AND ORGAN FAILURE IN AGGRESSION is the optimization of the patient management in the really critical ill patients who can develop Organ Dysfunction or Organ Failure. Multiorgan Dysfunction & Multiorgan Failure Syndrome (MOF-MOD Syndrome) are correlated with bad prognostic and high mortality rates
- D-FMO Syndrome is correlated both with the disease severity and the therapeutic efforts. The therapeutic management of the patient must be early and directed to specific objectives
- Otherwise, the support measures must be directed to the specific situations (like sepsis, trauma ...) and to the Organs or Systems in Dysfunction or Failure (coagulation, haemodynamic, respiratory or renal ..) Finally, the detection or D-FMO Syndrome employing not only single markers (clinic) but early and organ specific biomarkers (basic or advanced biochemical markers, molecular markers ...) can bring a higher efficacy and better results
- Finally, the detection or D-FMO Syndrome employing not only single markers (clinic) but early and organ specific biomarkers (basic or advanced biochemical markers, molecular markers ...) can bring a higher efficacy and better results



**RESEARCH LINES**

- Biomarkers
- Resuscitation income
- Therapeutic support
- Mechanical ventilation
- Artificial airway
- Post-Intensive Care Syndrome
- Sedation

**RESEARCH ACTIVITY**

**Publications**

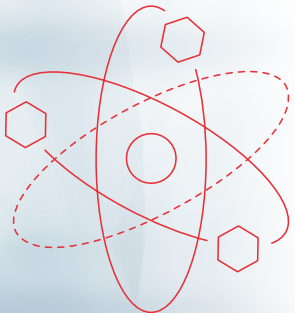
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- Añón JM, Giménez-Esparza C, Nanwani-Nanwani K, Urbez MR, Bonan MV. Are post-intensive care unit consultations actually harmful?. *Intens Care Med.* 2024; 50(8): 1400-1. Letter. IF: 21.2; D1
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hypnosis?. *Crit Care.* 2024; 28(1): 369. Letter. IF: 9.3; Q1

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  - **García-de-Acilu M, Sellas A, Hernández G, Roca O.** Optimal Postextubation Support in Critically Ill Patients: One Size Does Not Fit All. *Resp Care.* 2024; 69(12): 1564-72. Article. IF: 2.1; Q3
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- **Hidalgo-Tenorio C, Bou G, Oliver A, Rodríguez-Aguirregabiria M, Salavert M, Martínez-Martínez L.** The Challenge of Treating Infections Caused by Metallo- $\beta$ -Lactamase-Producing Gram-Negative Bacteria: A Narrative Review. *Drugs.* 2024; 84(12): 1519-39. Review. IF: 14.4; D1
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#### Clinical trials

- **Añón Elizalde JM.** ensayo clínico aleatorizado controlado frente a placebo, doble ciego, para

evaluar la eficacia de metoprolol intravenoso en pacientes con síndrome de distrés respiratorio agudo (sdra).

**Type/Phase:** III

**Sponsored by:** Consorcio Centro De Investigación Biomedica En Red Instituto De Salud Carlos III

**Signature date:** 30/04/2024

- **"Asensio Martín MJ.** estudio basado en la revisión retrospectiva de los resultados y la seguridad en la vida real de cefiderocol en el tratamiento de pacientes con infecciones bacterianas gramnegativas (ibgn) en ee. uu. y europa.

- **A retrospective chart review study of cefiderocol real world outcomes and safety in the treatment of patients with gram-negative bacterial infections (gnbi) in the usa and europe.** prove (retrospective cefiderocol chart review study).

**Type/Phase:** EPA-SP

**Sponsored by:** Shionogi B.V

**Signature date:** 06/03/2024"

#### Patents and trademarks

- **Herrero Ambrosio A, Ramírez García E, Ojeda Feo JJ, Pérez Rodríguez J, Asensio Martín MJ, González Sánchez ML, Moro Agud M, Lorente Romeo M, López Nieto M, Gómez Rioja R, authors; FIBHULP, assignee.** Trademark name: SINOIRES; CM 13.080.056; 2014 July 14.

