



3.4.2 Organic Dysfunction and Failure in the Aggression Group

Publications:19 | **Q1:**14

COMPOSITION

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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

- Andrés AM, Encinas JL, Sánchez-Galán A, Rodríguez JS, Estefanía K, Sacristán RG, Alcolea A, Serrano P, Estébanez B, Leon IV, Burgos P, Rocafort AG, Ramchandani B, Calderón B, Verdú C, Jiménez E, Talayero P, Stringa P, Navarro ID, Ramos E, Oliveros FH. First case report of multivisceral transplant from a deceased cardiac death donor. *Am J Transplant.* 2023; 23(4): 577-81. Article. IF: 8.9; D1
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- Fondevila C, Estebáñez B, Hessheimer AJ. Practical considerations for implementation of abdominal normothermic regional perfusion. *Liver Transplant.* 2023; 29(12): 1255-7. Editorial Material. IF: 4.7; Q1
- Galli F, Bindo F, Motos A, Fernández-Barat L, Barbata E, Gabarrús A, Ceccato A, Bermejo-Martin JF, Ferrer R, Riera J, Peñuelas O, Lorente JA, de Gonzalo-Calvo D, Menéndez R, González J, Misuraca S, Palomeque A, Amaya-Villar R, Añón JM, Mariño AB, Barberà C, Barberán J, Ortiz AB, Bustamante-Munguira E, Caballero J, Cantón-Bulnes ML, Pérez CC, Carbonell N, Catalán-González M, de Frutos R, Franco N, Galbán C, Lago AL, Gumucio-Sanguino VG, de la Torre MD, Díaz E, Estella A, Curto EG, García-Garmendia JL, Gómez JM, Huerta A, García RNJ, Loza-Vázquez A, Marin-Corral J, Delgado MCM, de la Gándara AM, Varela IM, Messa JL, Albaiceta GM, Nieto MT, Novo MA, Peñasco Y, Pérez-García F, Pozo-Laderas JC, Ricart P, Sagredo V, Sánchez-Miralles A, Chinesta SS, Roche-Campo F, Socías L, Solé-Violan J, Suarez-Sipmann F, Lomas LT, Trenado J, Ubeda A, Valdivia LJ, Vidal P, Boado MV, Rodríguez A, Antonelli M, Blasi F, Barbé F, Torres A. Procalcitonin and C-reactive protein to rule out early bacterial coinfection in COVID-19 critically ill patients. *Intens Care Med.* 2023; 49(8): 934-45. Article. IF: 27.1; D1
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- JC, Cañada-Illana C, Querol S, Guerreiro M, Eguizabal C, Martín-Quirós A, Robles-Marhuenda A, Pérez-Martínez A, Solano C, Soria B. Rationale for combined therapies in severe-to-critical COVID-19 patients. *Front Immunol.* 2023; 14: 1232472. Review. IF: 5.7; Q1
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- Mesa Galán L A, Henriquez Recine M A, Robles Caballero A, Yus Teruel S, García Martínez J R, Egea-Guerrero J J, Quintana-Díaz M. Ultrasound diagnosis of Terson syndrome as an indicator of extreme severity in neurocritical care patients. *Neurologia (Engl Ed).* 2023; 38(3): 181-7. Not indexed
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3.4 Large System Pathologies Area

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- Villar J, González-Martín JM, Añón JM, Ferrando C, Soler JA, Mosteiro F, Mora-Ordóñez JM, Ambrós A, Fernández L, Montiel R, Vidal A, Muñoz T, Pérez-Méndez L, Rodríguez-Suárez P, Fernández C, Fernández RL, Szakmany T, Burns KEA, Steyerberg EW, Slutsky AS. Clinical relevance of timing of assessment of ICU mortality in patients with moderate-to-severe Acute Respiratory Distress Syndrome. *Sci Rep-Uk*. 2023; 13(1): 1543. Article. IF: 3.8; Q1
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Clinical trials

- Cachafeiro Fuciños, Lucía. ensayo en fase iii aleatorizado, comparado con placebo, doble ciego y multicéntrico, para evaluar la eficacia y la seguridad de la trimodulina (bt588) en sujetos adultos hospitalizados con neumonía grave adquirida en la comunidad (ngac).

Type/Phase: III

Sponsored by: Biotest Ag

Signed date: 28/11/2023

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.

