

3rd International Conference on

Diagnostic Microbiology and Infectious Diseases

September 24-25, 2018 | Montreal, Canada



Santiago Herrero

The Jilin Heart Hospital, China

Management of the infective endocarditis in the cardiac ICU

Infective endocarditis (IE) is an infectious microbial disease of cardiac valvular endothelium. The characteristic lesion consists of the presence of vegetations that can settle in the valvular veils, tendon cords or mural endocardium. Hospital mortality in patients with severe sepsis or septic shock has been between 20 and 50%, a fact probably underestimated and overshadowed by a late referral to the intensive care unit, although clear criteria of admission to the unit for patients have been established with this disorder. The objective of this presentation was to analyze the differential characteristics of patients with IE who required admission to intensive care, as well as the evolution and prognosis of patients admitted according to objective criteria and severity scores, identifying the variables that were associated with the admission into the unit and the death of the patients. A high proportion of patients with endocarditis require admission to the Intensive Care Unit, presenting a more unfavorable prognosis. Infection with bacteria or fungi, heart failure and stroke are predictors of in-hospital mortality. The knowledge of epidemiology, diagnosis and microbiology, as well as microbial diagnosis, is fundamental for an adequate treatment in its different stages of the disease. The union of different disciplines, such as intensive medicine, microbiology or cardiology, can be fundamental for early diagnosis and treatment. The use of timelines during the hospital stay of patients in the ICU can help manage this infectious disease and avoid typing errors.

Biography

Santiago Herrero is Clinical Director of Adult and Pediatric Postoperative Cardiac Surgical ICU at The Jilin Heart Hospital, Changchun, Jilin Province, China with 30 years of experience working in Intensive and Critical Care Medicine. He is board certified critical care physician of the Spanish Society of Critical Care Medicine since 1989. He received your Research Proficiency in 2008 from the University of Oviedo (2008). He is a Fellow of the American College of Chest Physicians since 2004 and former member of Board of Directors of the Spanish Society of Intensive and Critical Care Medicine (2000-2004). Also, he is the former President of Asturian Society of Intensive Care Medicine (1998-2006). Currently President of EXPAUCI (former patients of the Intensive care units) in Asturias (Spain) since 2012. He was Professor in the Postgraduate Course "The internet and the Health Sciences" by the University of Burgos (Spain) in 1998 and has received several awards based on these communication skills. Recently he was awarded The Mountain Changbai Friendship Award in September 2017 by the Changchun and Jilin Government, China for your notable and enthusiastic support for the construction of Jilin Province and your friendly cooperation.

herrero@jlheart.org

Notes: