



Current Trends and Outcomes of Infective Endocarditis

Guest Editors:

Dr. Petros Ioannou

Department of Internal Medicine
& Infectious Diseases, University
Hospital of Heraklion, 71110
Heraklion, Crete, Greece

Dr. Diamantis Kofteridis

Faculty of Medicine, University of
Crete, Heraklion, Greece

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Message from the Guest Editors

Infective endocarditis (IE) is a rare but challenging disease. Even though rapidly growing medical knowledge and the development of medical technology have provided us with the tools to diagnose and treat infectious diseases better than ever before, the challenges associated with IE are greater than in the previous decades. The patients are older and, thus, have more comorbidities; the microbiology has changed since an increasing proportion of IE is now healthcare-associated, leading to the more frequent development of IE due to Gram-negative microorganisms, while the evolving problem of antimicrobial resistance has led to frequent diagnosis of IE by microorganisms with fewer therapeutic options. Lastly, the increasing use of immunosuppressive therapy in patients with autoimmune diseases and cancer as well as transplantation has led to the occurrence of IE by less commonly encountered pathogens, such as fungi. With this Special Issue, we hope to encourage submissions discussing the current knowledge on the changing epidemiology, microbiology, diagnostic modalities, and treatment of IE as well as the current data on outcomes in this challenging infection.





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Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
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Journal of Clinical Medicine Editorial
Office
MDPI, St. Alban-Anlage 66
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