

Special Issue

Diagnosis and Management in Cardiac Intensive Care Medicine

Message from the Guest Editor

Cardiac intensive care medicine has evolved significantly in recent decades, transitioning from being primarily focused on acute myocardial infarction to a multidisciplinary domain that addresses a broad spectrum of complex cardiovascular emergencies. With advances in diagnostic imaging, hemodynamic monitoring, mechanical circulatory support, and pharmacotherapy, the management of critically ill cardiac patients now demands a highly specialized and integrative approach. Despite these innovations, outcomes in cardiac intensive care units (CICUs) continue to vary, highlighting the need for continuous improvements in clinical protocols, diagnostic precision, and individualized patient care. This Special Issue, *Diagnosis and Management in Cardiac Intensive Care Medicine*, aims to explore recent advancements, emerging technologies, and evidence-based practices that are transforming care in CICUs. Topics will include novel diagnostic tools, biomarkers, risk stratification models, and therapeutic strategies for conditions such as cardiogenic shock, acute decompensated heart failure, arrhythmias, and post-cardiac arrest syndrome.

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