

Special Issue

Acute Myocardial Infarction: Clinical Advances in Prognostic Stratification, Diagnosis, and Treatment

Message from the Guest Editors

Acute myocardial infarction (AMI) is a major global health challenge. Recent advancements in prognostic stratification, diagnosis, and treatment of AMI have the potential to improve patient outcomes. Accurate risk assessment has been enhanced by biomarker research. Integrating clinical risk scores with these biomarkers and imaging techniques refines prognostic evaluations. Diagnostic accuracy has significantly improved with high-sensitivity troponin assays and advanced imaging methods like coronary CT angiography and cardiac magnetic resonance. Treatment strategies such as timely reperfusion therapy and emerging pharmacological treatments, are essential in managing AMI cases. Intravascular imaging techniques provide detailed insights into coronary lesions, facilitating personalized treatment. The integration of clinical data with advanced imaging and molecular techniques is advancing personalized medicine in AMI care. We invite contributions to this Special Issue to share the latest research and insights on clinical advances in prognostic stratification, diagnosis, and treatment of AMI, aiming to enhance our understanding and management of this critical condition.

Guest Editors

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Deadline for manuscript submissions

29 January 2026



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/205691

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