

Special Issue on
Advances in Clinical and Basic Research on Physiotherapy in Diseases of the Cardiovascular System

CALL FOR PAPERS

Cardiovascular diseases (CVDs) remain the leading cause of death worldwide. With the rise in aging populations, unhealthy lifestyles, and environmental stressors, this predicament is anticipated to intensify. In the clinical treatment and management of CVDs, physiotherapy has emerged as a potent and safe modality, offering many patients a non-pharmacological, non-invasive approach to care. Over recent years, research in physiotherapy pertaining to cardiovascular areas has flourished, spanning from basic mechanisms to clinical applications. This interdisciplinary collaboration paves the way for a deeper understanding of the pathophysiological mechanisms of cardiovascular diseases, assessment of disease severity, and the formulation of personalized treatment plans.

With continuous innovations in physiotherapy techniques and strategies, there's an evolving understanding of its role and effects in cardiovascular diseases. However, more research is warranted to further unlock the potential of physiotherapy and ensure its effective and safe application in clinical settings.

This Special Issue aims to welcome original research and review articles which spotlight the latest advancements in clinical and basic research, furthering the application of physiotherapy in cardiovascular diseases, and providing a trajectory for future research and clinical practices.

Potential topics include but are not limited to the following:

- ▶ Role of physiotherapy in cardiovascular rehabilitation
- ▶ Mechanical stimulation and cardiovascular tissue repair
- ▶ Biomechanical responses of the cardiovascular system
- ▶ Non-pharmacological treatment strategies in CVD
- ▶ Physiotherapy in pediatric and adolescent cardiovascular diseases
- ▶ Role of physiotherapy in geriatric cardiovascular patients
- ▶ Innovative strategies in CVD prevention and management
- ▶ Combining physiotherapy with other comprehensive treatment modalities
- ▶ Impact of specific physiotherapy interventions on endothelial function
- ▶ Physiotherapeutic interventions in heart failure patients
- ▶ Role of physiotherapy in post-surgical cardiovascular rehabilitation
- ▶ Mechanistic analysis of physiotherapy and analysis of cardiovascular diseases based on bioinformatics analysis

Authors can submit their manuscripts through the Manuscript Tracking System at <https://review.wiley.com/submit?specialIssue=417671>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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