

Special Issue

Cardiovascular Time Series in the Preclinical and Clinical Settings

Message from the Guest Editors

The cardiovascular system is dynamic, and its functions change over time. Heart rate, pressure waveforms and transit times, hemodynamic, atrioventricular conduction, QT interval, myocardial oxygen consumption, and muscle or brain oxygenation are examples of vital signals originating from or transferred by the heart and the vascular system.

Cardiovascular time series have been explored in patients with hypertension, diabetes, heart failure, shock, sepsis, myocardial infarction, or ischaemic stroke, as well as in athletes in relation to their exercise capacity and sports discipline. Some derived parameters have diagnostic value, and others are used for risk prediction, monitoring the progress of the disease, and the effects of therapies or exercise training.

This SI aims to collect submissions on advances in the monitoring and analysis of cardiovascular time series focusing only on human studies with clear physiological or clinical interpretation. Manuscripts challenging the current knowledge with novel findings are also cordially invited.

The following submissions are encouraged: Original studies and retrospective analyses, meta-analyses, reviews, and critical appraisals.

Guest Editors

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Deadline for manuscript submissions

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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