

Special Issue

Hypertensive Heart Disease: Symptoms, Causes and Treatment

Message from the Guest Editors

Arterial hypertension (AH) is the leading cause of morbidity and mortality worldwide. Its cardiac complications are frequent and highly variable, including hypertensive heart disease (HHD). It usually refers to pathophysiological changes of the left ventricle, left atrium, and coronary arteries attributed to chronically elevated blood pressure and thus increased workload. This term comprises a range of adaptive and maladaptive processes in patients with AH, such as left ventricular hypertrophy; heart failure; systolic or diastolic dysfunction; and arrhythmia. Recently, advancements were documented in cardiac imaging to differentiate HHD from other forms of cardiac hypertrophy but in the individual patient the differentiation remains challenging. Furthermore, questions and controversies about early detection, risk stratification, disease surveillance or individualized management of patients persist. We would like to invite original clinical and basic research, meta-analyses, and reviews related to diagnostics and therapeutics in the whole spectrum of HHD and related disorders.

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