Special Issue

Diagnosis and Management of Hypertrophic Cardiomyopathy

Message from the Guest Editor

Hypertrophic cardiomyopathy (HCM) is the most common inherited cardiac disorder and presents a broad phenotypic spectrum that continues to challenge clinicians in everyday practice. Therapeutic decisions increasingly rely on precise diagnostic information. Imaging biomarkers, genetic profiles, and functional assessments play a central role in identifying patients who may benefit from disease-modifying therapy or referral for septal reduction procedures. However, several practical questions persist: How should clinicians integrate imaging and genetics for individualized decision making? Which diagnostic thresholds best identify candidates for invasive intervention? And how should atypical or mixed phenotypes be approached in real-world practice? This Special Issue aims to explore these unresolved diagnostic challenges by bringing together contemporary insights across imaging, genetics, precision medicine, and decision-making pathways in HCM. We particularly welcome submissions addressing diagnostic uncertainties, imaging biomarkers, genetic testing, and risk stratification frameworks that guide therapeutic decisions.

Guest Editor

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