

Special Issue

Diagnosis and Treatment of Splanchnic and Peripheral Atherosclerotic Disease

Message from the Guest Editors

Significant advances have been achieved in the diagnosis and treatment of peripheral and splanchnic atherosclerotic disease, beginning with recent imaging innovations such as spectral CT, photon-counting CT, and dual-energy CT, which opened up significant and promising landscapes in terms of plaque characteristics and metallic artifact reduction in post-treatment follow-ups.

Pretreatment imaging in PAD patients still relies on US Doppler, but angiographic imaging also plays a central role in below-the-knee disease due to the caliber of the small vessel and concomitant calcified lesions, which limit the power of less invasive modalities such as CT or MR.

Overall, ongoing research and development are focused on improving accurate noninvasive diagnoses; lowering radiation doses and the administration of contrast media; patient outcomes, with low complication rates desired; low healthcare costs; and identifying personalized diagnostic and treatment options through the use of new devices for different patient populations.

Guest Editors

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The primary goal of the *Journal of Cardiovascular Development and Disease* (JCDD, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to JCDD undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. JCDD guarantees fast dissemination of results to a large scientific audience

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