



Complex and High-Risk Coronary Interventional Procedures

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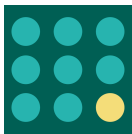
Message from the Guest Editors

Advanced percutaneous coronary intervention (PCI) techniques used during complex high-risk intervention (CHIP) include rotational, orbital, and laser, specialized antegrade and retrograde coronary artery chronic total occlusion (CTO) approaches, and complex bifurcation stenting. After receiving CHIP, patients often experience dramatic improvement in symptoms, improved quality of life, and less re-admissions to the hospital. We also include clinical subsets such as CHIP intervention in severe heart failure (HFrEF) and valve disease (aortic stenosis and mitral regurgitation).

The goal of this Research Topic is the following:

- 1) To show long-term results of CHIP interventions such as CTO, bifurcation, multivessel, and left main PCI.
- 2) To highlight the importance of LVAD use in complex CHIP cases.
- 3) To update the current knowledge of technical aspect of complex CHIP PCI.
- 4) To gain exposure to CHIP-related complications and their management.





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