



Novel Challenges and Advances in Complex Coronary Interventions

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Message from the Guest Editor

Thanks to the technical progress and the safety improvement in interventional procedures, percutaneous coronary intervention and cardiogenic shock are rapidly expanding toward more complex technical and clinical scenarios.

In this clinical setting, the effects of transient coronary occlusion due to the different procedural steps may cause temporary hemodynamic instability. Percutaneous mechanical circulatory support (pMCS) devices emerged as a potential tool to prevent procedure-related hemodynamic compromise by unloading the ventricle and augmenting forward flow, thus potentially reducing ischemia and decreasing myocardial injury ultimately resulting in worse mid and long-term outcomes.

The aim of this issue is to evaluate the role of pMCS in high-risk PCI and primary PCI, in particular Impella and ECMO.





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Message from the Editor-in-Chief

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