



State-of-the-Art Developments in Percutaneous Coronary Intervention (PCI)

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Deadline for manuscript
submissions:

20 July 2024

Message from the Guest Editor

Though it has been over 40 years since the inception of percutaneous coronary intervention (PCI), PCI is not yet on a par with surgical revascularization for occlusive coronary stenoses. While the adoption of Drug Eluting Stent, high-speed atherectomy, dual-antiplatelet agents, intravascular imaging, and the therapeutic algorithm has contributed enormously to maximizing PCI procedural success, coronary chronic total occlusion (CTO) PCI remains the last frontier of interventional cardiology in terms of procedural success in comparison with non-CTO PCI. Since every coronary artery disease is different, given lesion complexities, patient co-morbidities, and financial equities available in the healthcare system, much more than specialist expertise is needed to successfully treat the condition. While PCI has been proven to improve angina symptoms (an indication justifying the procedure), novel therapies have been developed and implemented with potentially durable, better clinical outcomes.

In this Special Issue, we welcome authors to submit papers on the clinical advancements of complex PCI or CTO PCI, thereby improving current indication, technicality, and device application.





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