



State of the Art in Percutaneous Coronary Interventions

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Message from the Guest Editors

Percutaneous coronary intervention (PCI) is the most common type of coronary revascularization. Third-generation stent platforms have reduced stent restenosis and stent thrombosis. Eyeball lesion estimation is substituted by physiology indices and intravascular imaging. The radial artery has become the gold standard for access-reducing bleeding events. New, sophisticated techniques and adjunctive devices used during contemporary chronic total occlusion PCI have made percutaneous recanalization safe and feasible in patients that otherwise would have only been candidates for coronary artery bypass graft surgery. Newer devices such as intravascular lithotripsy and orbital atherectomy have led to the more effective and safer modification of calcified lesions. Advances in mechanical circulation devices support the performance of PCI in the most complex subsets of coronary artery disease even in hemodynamically unstable patients.

In this Special Issue, we welcome the submission of original clinical research and review articles aiming to describe and discuss the practices of contemporary state-of-the-art percutaneous coronary interventions.





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