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Diagnosis and management challenges of in-stent restenosis in coronary arteries

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Abstract

Over the course of the 3 decades, percutaneous coronary intervention (PCI) with stent implantation transformed the practice of cardiology. PCI with stenting is currently the most widely performed procedure for the treatment of symptomatic coronary disease. In large trials, drug-eluting stents (DES) have led to a significant reduction in in-stent restenosis (ISR) rates, one of the major limitations of bare-metal stents (BMS). Due to these favorable findings, DES was rapidly and widely adopted enabling more complex coronary interventions. Nevertheless, in-stent restenosis (ISR) remains a serious concern as late stent

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