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Three-dimensional optical coherence tomography reconstruction of bifurcation stenting using the Szabo anchor-wire technique

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Abstract

Ostial lesions present unique challenges for percutaneous coronary intervention. The lesions are often more calcified, fibrotic, rigid, and more prone to elastic recoil. Intervention on these lesions is associated with higher procedural complications and higher rates of restenosis. Ostial lesions require precise stent placement in the ostium with the absence of side branch compromise. Accurate stent placement in the ostium without side branch compromise is difficult to accomplish with angiography alone. The Szabo technique uses two coronary guidewires for the correct placement in the aorto-ostial or bifurcation lesion. One guidewire is passed through the final cell of the stent strut and acts as the anchor wire. It helps to prevent migration of the stent beyond the ostium and facilitates the precise stenting at the ostium. This technique has several advantages including less reliance on angiography, lower rates of stent malposition and

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缺少字词: three reconstruction bifurcation

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缺少字词: **szabo anchor technique**

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缺少字词: **szabo anchor wire**

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