Radiofrequency Wire & New Technique for the Treatment of Coronary Chronic Total Occlusion

William Ng, Wai-Hong Chen, Pui-Yin Lee, Chu-Pak Lau
From Division of Cardiology, University Department of Medicine, Queen Mary Hospital, Hong Kong

Ng ET AL.: Radiofrequency Wire & New Technique for the Treatment of Coronary Chronic Total Occlusion. Treatment of coronary CTO remains a technical challenge in contemporary PCI. The major limitation of the procedure is the inability to pass a guidewire across the CTO. A new OCR guidewire system has demonstrated clinical potential for navigating through CTO; in addition, the system is now coupled with RF energy for facilitating guidewire crossing through highly resistant hard total occlusive lesions. This device might offer new horizon for PCI to CTOs which would not have been attempted before. (J HK Coll Cardiol 2003;11:22-26)

Keywords: Chronic total occlusion, optical coherence reflectometry, radiofrequency energy

Back to Previous Page