

1082 A case of successful PCI for severe calcified, tortuous and tight stenotic lesion, using novel 0.03 inch semi-compliant balloon

73 year-old male complained effort angina. Coronary angiogram showed functional chronic total occlusion lesion of mid right coronary artery with severe calcification. Because of shaggy aorta, we chosen trans radial approach. After some soft wire attempt, SION-black was passed to lesion distal. Though, micro-catheter was not passed. So we tried to dilate with novel 0.03 inch semi-compliant balloon. But it could not passed the lesion. Other small-diameter balloon was not able to pass the lesion. Finally, we succeeded to delivery the 0.03 inch balloon with extension-catheter and dilated the lesion. After the procedure, we could pass the micro-catheter and exchange the wire to RotaWire ExtraSupport. Rota-ablation was performed with both RotaLink Plus 1.25mm, and 1.75mm. Zotarolimus-eluting stent 3.0/26 was implanted to the lesion. Sometimes we cannot delivery any devices including micro-cather, even with extension-cahteter, especially in severe calcified, and tortuous lesion. Novel 0.03 inch balloon might work in such difficult situation.