

A case of extremely elongation of zotalolimus eluting stent implanted in proximal portion of right coronary artery

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A 40-year-old man underwent coronary angiogram due to chest pain on effort and positive results of stress electrocardiogram. Coronary angiography (CAG) revealed that severe stenosis was present in proximal portion of right coronary artery (RCA). Percutaneous coronary intervention (PCI) was performed for proximal portion of RCA at 2009. 11. 10. Zotalolimus eluting stent (ZES) 3.5x18mm was applied directly up-to 18-atmosphere after intra vascular ultrasound (IVUS) imaging was performed. We attempted post-dilatation by using compliant balloon 4.5x15mm. However, the balloon had not passed the lesion easily. Therefore we inserted guide catheter deeply and push balloon forcefully. Finally, the balloon was got through the lesion and post-dilatation was performed up-to 14-atmosphere. After post-dilatation, IVUS revealed the extremely elongation of ZES from 18mm to 36mm. Stent malapposition was not observed and we had finished PCI. At 2011. 11, he had suffered chest discomfort on effort and myocardial scintigraphy indicated myocardial ischemia of inferior region. CAG was performed at 2011. 12. 13. Severe stenosis was observed at distal portion of RCA. However any stenosis was not shown at proximal portion of RCA and shape of extremely elongated ZES was not changed.