

The Efficacy of Mini-Crush stent using BiolimusA9-eluting stents for left main bifurcation lesions

We experienced 3 cases of Mini-Crush stent using BiolimusA9-eluting stents for the left main bifurcation lesions. These cases were all left main true bifurcation lesions and we performed the Mini-Crush stent using BiolimusA9-eluting stents for all cases. We had good initial angiographic results and no restenosis at long term follow up angiography. The method of Mini-Crush stent is as below. We use the intra vascular ultrasound for all cases. After pre-dilatation, the 1st stent is placed in proximal left circumflex where stent proximal edge is about 2 mm proximal from the carina. The ballooning is performed from the left main to the left anterior descending to crush the stent. After that, the wiring into the left circumflex and stent strut dilatation is performed. The 2nd stent is placed from left main to left anterior descending. After wiring to left circumflex, the kissing inflation is performed. We will report 3 cases of successful PCI of Mini-Crush stent using BiolimusA9-eluting stents for the left main bifurcation lesions with tips of Mini-Crush stent.