Flower Stenting Technique as a Good Technique For Accurate Stent Positioning Between Side Branches.

¹Assiut University ²Assiut University Hospital ³Kameda Medical Center Magdy I A Algowhary¹, Ahmad Abdelgelel¹, Akihiko Matsumura², Yuji Hashimoto²

Purpose: is to place the stent exactly at LAD lesion with nearby 3 diagonal (D) branches. Method: 2 wires were positioned in the LAD (BMW), and D3 (PT2) branches. Firstly, balloon angioplasty by worldpass, 2.5-20mm, was performed followed by chrono stent, 3.0-16mm, deployment. The PT2 wire was passed between the proximal strut and the balloon in order to position the proximal stent edge between D3 and D2. Plaque shift to D3 was seen, so that trials to dilate D3 ostium were performed but the balloon could not get into D3, consequently further dilatation was not attempted especially there were 2 other big diagonals. Results: successful PCI to the LAD lesion with exact positioning of the proximal stent edge between D3 and D2 and no complications. Conclusion: flower stenting for a lesion with multiple side branches is a feasible, safe technique and ensure exact stent positioning. However, the access to the side branch may be difficult and should be managed accordingly.

