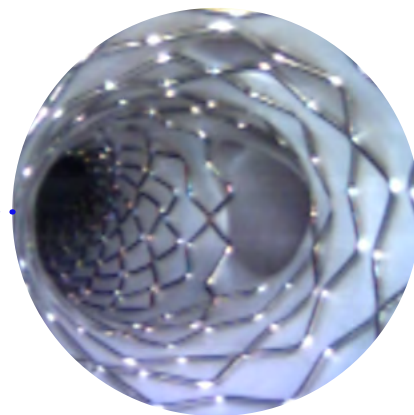


1.1 Provisional technique

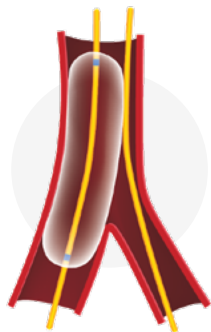


Step-by-step overview

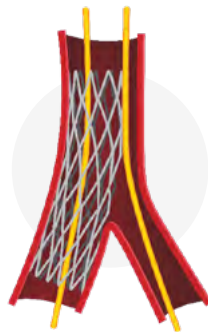
Wire Main Vessel (MV)
& Side Branch (SB)



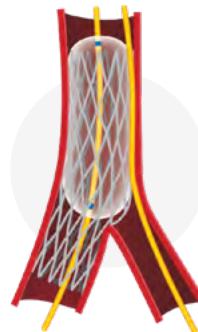
Pre-dilate MV



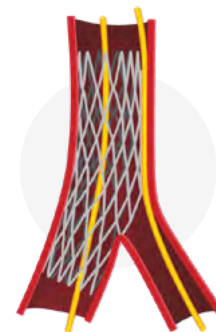
Stent MV



POT



Check result



Guidance from the 16th EBC consensus:

- > Single stent, less metal
- > Keep it simple and safe
- > Stepwise approach emphasizing versatility based upon CBL complexity

- 1 Begin with implanting the first stent in the provisional pathway with the stent diameter sized to the distal vessel diameter
- 2 Systematic proximal optimization technique (POT)
- 3 Check the result. If side branch (SB) results are acceptable, case complete

Albeiro R, et al. EuroIntervention. 2022; 18(5);e362-e376;

> <https://eurointervention.pcronline.com/article/treatment-of-coronary-bifurcation-lesions-part-i-implanting-the-first-stent-in-the-provisional-pathway-the-16th-expert-consensus-document-of-the-european-bifurcation-club>.

The "ABC" approach

The "ABC" approach to bifurcation PCI using the provisional philosophy

Keeping it simple and safe

Considering the pitfalls of the provisional philosophy, the EBC recommends a 3-stage approach (ABC) to deployment of the first stent:

Stage

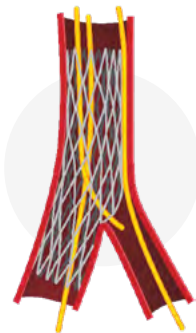
- A** Wiring the main vessel and side branch
- B** Preparing the main vessel
- C** Stent implantation and optimization

Albeiro R, et al. EuroIntervention. 2022; 18(5);e362-e376;

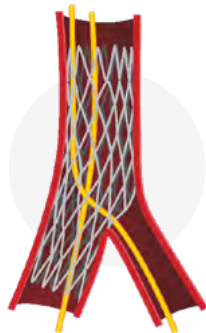
► <https://eurointervention.pconline.com/article/treatment-of-coronary-bifurcation-lesions-part-i-implanting-the-first-stent-in-the-provisional-pathway-the-16th-expert-consensus-document-of-the-european-bifurcation-club>.

Opening of the main vessel stent towards the side branch for further optimization if the side branch is compromised

Re-wire SB through distal struts



Remove jailed wire



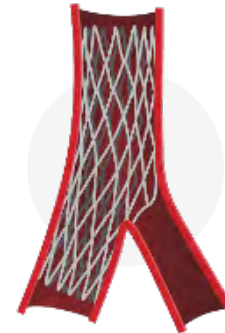
Kissing balloon



Re-POT



Final result



- 1 If TIMI flow > 3 and SB looks acceptable (no dissection or residual stenosis) case complete.
- 2 Otherwise, continue with second stent



Albeiro R, et al. EuroIntervention. 2022; 18(5);e362-e376;

> <https://eurointervention.pconline.com/article/treatment-of-coronary-bifurcation-lesions-part-i-implanting-the-first-stent-in-the-provisional-pathway-the-16th-expert-consensus-document-of-the-european-bifurcation-club>.

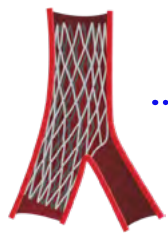
The treatment of bifurcations using the provisional philosophy

Guidance from the 16th EBC Consensus:

- Single stent, less metal
 - Keep it simple and safe
 - Stepwise approach emphasizing versatility based upon CBL complexity
- 1 Begin with single stent philosophy with main vessel stenting sized to the distal reference
 - 2 Systematic proximal optimization technique (POT)
 - 3 Check the result. If side branch (SB) results are acceptable, case complete
 - 4 Rewire through a distal strut
 - 5 Perform kissing balloon inflation and re-POT
 - 6 Evaluate main vessel (MV) and side branch (SB) results with angiography, IVUS or OCT, and functional or physiologic assessment.

If TIMI flow > 3 and SB looks acceptable (no dissection or residual stenosis) via imaging or physiologic assessment, case complete.

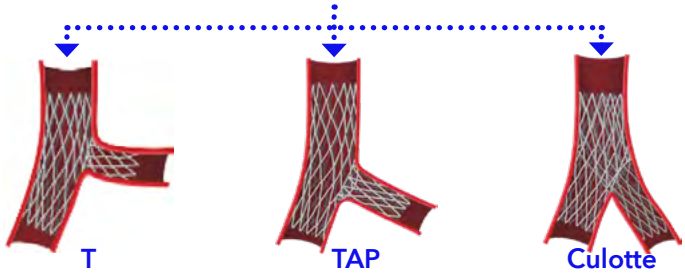
Otherwise, continue with second stent



If optimal results, case complete

In EBC Main¹, only 1 in 5 needed a second stent even if it was anticipated at the start¹

If suboptimal SB results, convert to 2 stent philosophy



Access EBC Main¹ clinical summary

EBC Main clinical summary

Albeiro R, et al. EuroIntervention. 2022; 18(5);e362-e376;
> <https://eurointervention.pcronline.com/article/treatment-of-coronary-bifurcation-lesions-part-i-implanting-the-first-stent-in-the-provisional-pathway-the-16th-expert-consensus-document-of-the-european-bifurcation-club>.
1. Hildick-Smith D, et al. The European Bifurcation Club Left Main Coronary Stent study. Presented at PCR 2023.