Bifurcation Treatment - 2017 Approach

TAP Technique and Other Bifurcations
Tips and Tricks

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Disclosure Statement of Financial Interest

I, Hugo F. Londero MD, DO NOT have a financial interest/arrangement or affiliation with one or more organizations that could be perceived as a real or apparent conflict of interest in the context of the subject of this presentation.
**T And small Protrusion (TAP) Technique - Rationale**

- In bifurcated lesions, the provisional single stent technique is the most frequently used.
- However in 10-35% of cases it is necessary to implant a second stent in the side branch.
- For Provisional Stenting Standard T-stenting technique is the most frequent used.
- The Limitations of Standard T-Stenting technique are:
  - Incomplete side branch (SB) ostium coverage
  - Stent protrusion in the main vessel (MV) causing obstruction
T And small Protrusion (TAP) Technique (※)

- **TAP Technique** is a modification of the T Stenting technique developed in order to optimize SB provisional stenting
- **It was designed to ensure full SB ostium coverage**

T And small Protrusion (TAP) Technique

In order to accomplish with the presentation time (5 minutes) I will describe the technique without considering the use of IVUS, OCT and FFR
T And small Protrusion (TAP) Technique
TAP Technique - Step 1: Stenting of the MV-POT Technique
TAP Technique - Step 2: Wiring the SB - Kissing on MV and SB

SB wiring at distal stent strut

Kissing Balloon on MV and SB
**TAP Technique – Step 3: Stent placement on the SB**

Stent placement is adjusted to place the proximal stent edge at the level of the proximal ostium border.

- SB stent protruding in MB
- SB stent to deep
- SB stent in the exact position
TAP Technique – Step 4: Stent inflation on the SB
Step 5: The SB Balloon is slightly pulled out to perform kissing balloon inflation
TAP Technique – Final Result: The protruding SB stent creates a new carina.
T And small Protrusion (TAP) Technique – Conclusions

- TAP Technique is a valuable technique for “bail-out” SB stenting in the provisional approach
- The technique may be electively used in bifurcation stenting
- TAP allows the complete coverage of the SB ostium
- Exact positioning of the stents is crucial for a perfect final result
- Stent Enhancement Systems are a valuable tool for TAP procedures
Thank you very much !!!

Córdoba in autumn