Bifurcation lesions treatment - Current approach
Our Most Educational Interventional Cases

CACI@GACI SESION at TCT Denver 2017

Reverse and Provisional Reverse
Mini-Crush Technique

Ernesto M. Torresani MD, MTCACI, MFSOLACI, FSCAI, MTSAC

SANATORIO MODELO QUILMES
Quilmes – Buenos Aires - Argentina
Disclosure Statement of Financial Interest

I, Ernesto M. Torresani 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.
56-year-old male
Smoker
Dyspnea II (NYHA) episodes one month before
Angina IV (NYHA) one week previously
Admitted for Angina IV (NYHA) with 15 minutes of evolution

Reverse and Provisional Reverse Mini crush Technique

Thrombolysis
Reverse and Provisional Reverse Mini crush Technique

ST and Pain Resolution

PHARMACO INVASIVE STRATEGY
Reverse and Provisional Reverse Mini crush Technique

1:00 hs after

Intermediate lesion in RCA
Culprit lesion in LAD

Promus Element® 2.75x16mm
Reverse and Provisional Reverse Mini crush Technique
Intention to treat:
Provisional stenting over the AV branch

Promus Element® 2.75x20mm
Reverse and Provisional Reverse Mini crush Technique

LAO Control
Reverse and Provisional Reverse Mini crush Technique

Reverse Mini Crush + Kissing Balloon

Promus Element® 2.5x8mm
Reverse and Provisional Reverse Mini crush Technique

FINAL RESULT
Reverse and Provisional Reverse Mini crush Technique

One year later
Angina + Inferior Ischemia

Promus Premier® 3.0x12mm
Reverse and Provisional Reverse Mini crush Technique

CONTROL
One year later
Two years after that (3 years after infarction)

ECG, Echocardiogram and Perfusion only with a small antero-septal scar.
Stress Test without Ischemia.
Only with aspirin (as an anti-aggregant) since 1 year.
Plays tennis 4 times a week.
1. In cases of bifurcations where the secondary branch "initially" has no lesion, our strategy is provisional stenting on the main vessel.

2. However, if this is followed by an obstruction to the branch, we opt for reverse mini crush.