Techniques for severely calcified lesions

Hiroshi Ando, MD

Heart Center, Limb Salvage Center
Kasukabe Chuo General Hospital
Saitama, Japan
Disclosure

Speaker name: Hiroshi Ando

I have the following potential conflicts of interest to report:

- Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

I do not have any potential conflict of interest
Severely Calcified SFA CTO

EVT Case-3  70’s female
Target Lesion: **Rt. SFA**

**Diagnosis:** PAD, AP, CRF on HD, PSVT

**Prior intervention:**
- May 2018 PCI (prox. RCA)
- Jun. 2018 EVT (Lt. SFA & PTA)

**Risk factor:**
- DM, HT
- eGFR: 4.4 (CRF on HD)
- Fontaine: 2
- Rutherford: 2
- ABI: Rt.: error, Lt.: 0.60

**Final Angio:** Apr. 2018
- Abd. Ao 50% (PG none)
- Rt.: SFA 100%, ATA 100%, PTA 100%, PA 90%
- Lt.: SFA 90%→0%(DCB), PTA25%(POBA), ATA 100%, PA 100%
Fail to Intraluminal Approach
Fail to Intraluminal Approach
Fail to Intraluminal Approach
Fail to Intraluminal Approach
New Weapon
New Weapon
New Weapon
New Weapon
New Weapon
Fix & Stick Technique
Fix & Stick Technique
Fix & Stick Technique
Fix & Stick Technique
Fix & Stick Technique
Fix & Stick Technique

Needle Cracking Technique
Fix & Stick Technique
Fix & Stick Technique
Fix & Stick Technique
Fix & Stick Technique

PeA (CTO)

Distal ATA

Type III-B branching
Fix & Stick Technique
Take Home Messages

✔ First of all, Intraluminal approach should be considered using 0.014inch wires.

✔ Bidirectional approach is helpful to pass a wire.

✔ Subintimal approach is not my preference except failed to intraluminal approach.

✔ Fix & Stick technique is one of the option to pass a severely calcified lesion.
Where there’s a will there’s a way!

Complex Cardiovascular Therapeutics 2019

CCT 2019

Dates: October 24th - 26th, 2019

Venues: Kobe International Exhibition Hall
Portopia Hotel, Kobe, Japan

Thank you for your attention
Techniques for severely calcified lesions

Hiroshi Ando, MD

Heart Center, Limb Salvage Center
Kasukabe Chuo General Hospital
Saitama, Japan