Needle Cracking Technique

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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
Needle Cracking Technique

✓ Needle Cracking Technique is used when the guide wire can not pass through the lesion or device delivery failure in calcified lesions.

✓ The concept is to pierce the needle into the calcified lesion from the outside of the body, make a crack in the calcification, and facilitate the passage of the wire or balloon.

✓ It also used for full expansion of the balloon.

✓ There are two kinds of methods of stabbing at a right angle to a lesion and stabbing in parallel.
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63y Male

CLI, DM

SFA 75%
Pop 90%
PT 100%
ATA 100%
DPA 100%

Apr. 2013
Needle cracking technique
Needle Cracking Technique

RAPIDSTREAM 2.0*20mm
NCT in SFA

Jupiter Max2 100g
NCT in SFA

Jade 1.5mm × 40mm
NCT in SFA
Control Angiography
Needle Cracking Technique

Shiden HP2.0*40mm, 30atm
Completion Angiography
How to Intervene BTA

• Extreme Distal Puncture
How to Intervene BTA

- Extreme Distal Puncture

Digital a. puncture (Yubi Pun.)
How to Intervene BTA

- Extreme Distal Puncture
How to Intervene BTA

- Extreme Distal Puncture & Needle Cracking
How to Intervene BTA

• Extreme Distal Puncture
How to Intervene BTA

- Extreme Distal Puncture & Reverse CART
How to Intervene BTA

- Extreme Distal Puncture
  Completion Angiography
Needle cracking technique is very useful in cases where it is difficult to pass a guide wire or device through a highly calcified lesion, or in the case of under-expansion of a balloon.
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
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