

# Techniques for severely calcified lesions

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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

# Severely Calcified SFA CTO



8<sup>th</sup> TOYOHASHI LIVE DEMONSTRATION Jun.22-23, '2018

***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

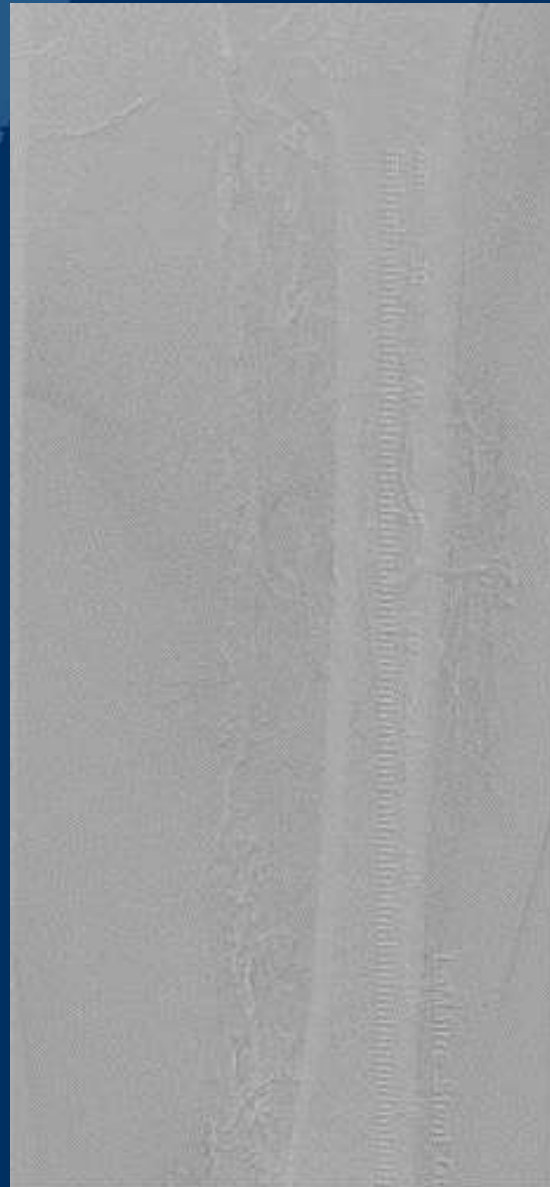
Abd.Ao 50% (PG none)

Rt. : SFA 100%, ATA 100%, PTA 100%, PA 90%

Lt. : SFA 90%→0%(DCB), PTA25%(POBA),  
ATA 100%, PA 100%

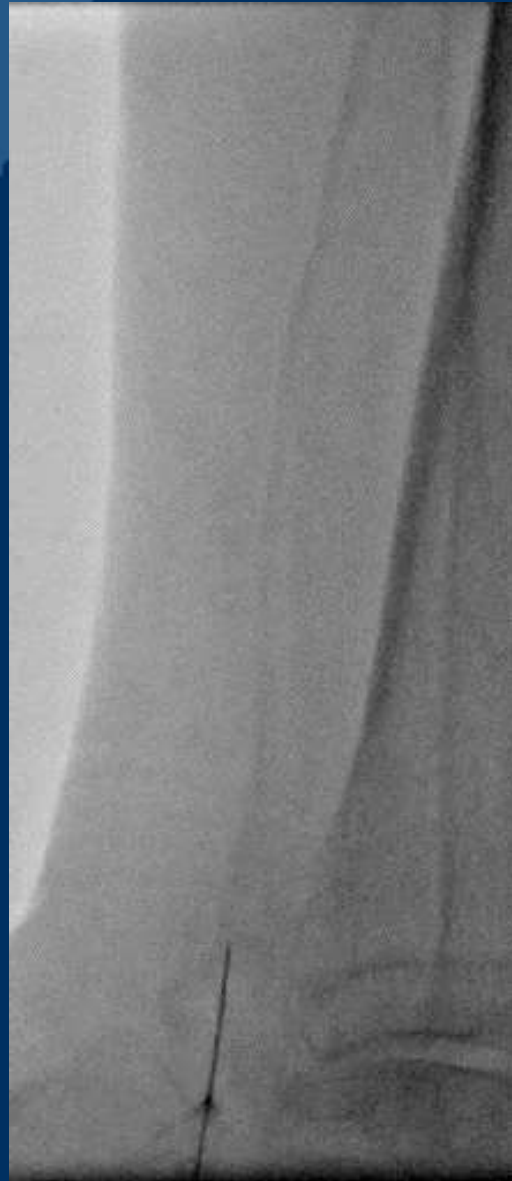
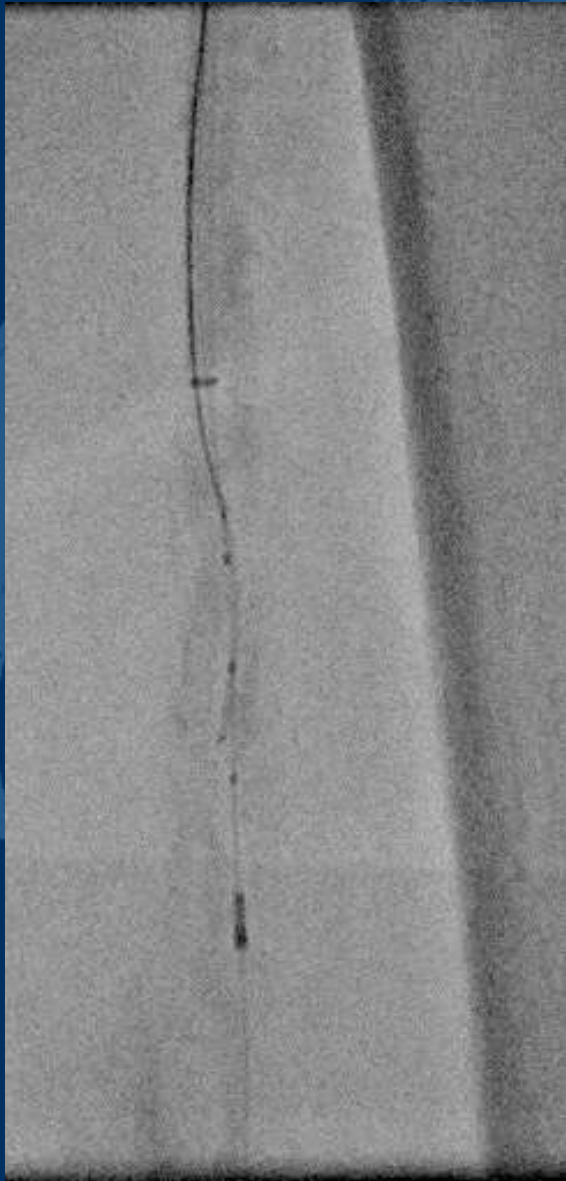


# Fail to Intraluminal Approach

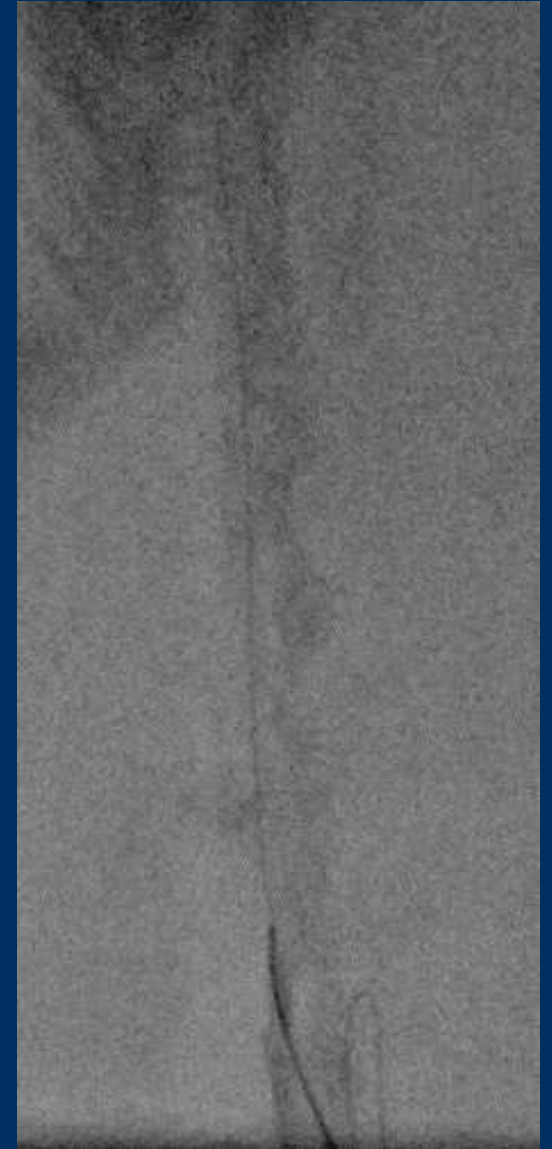
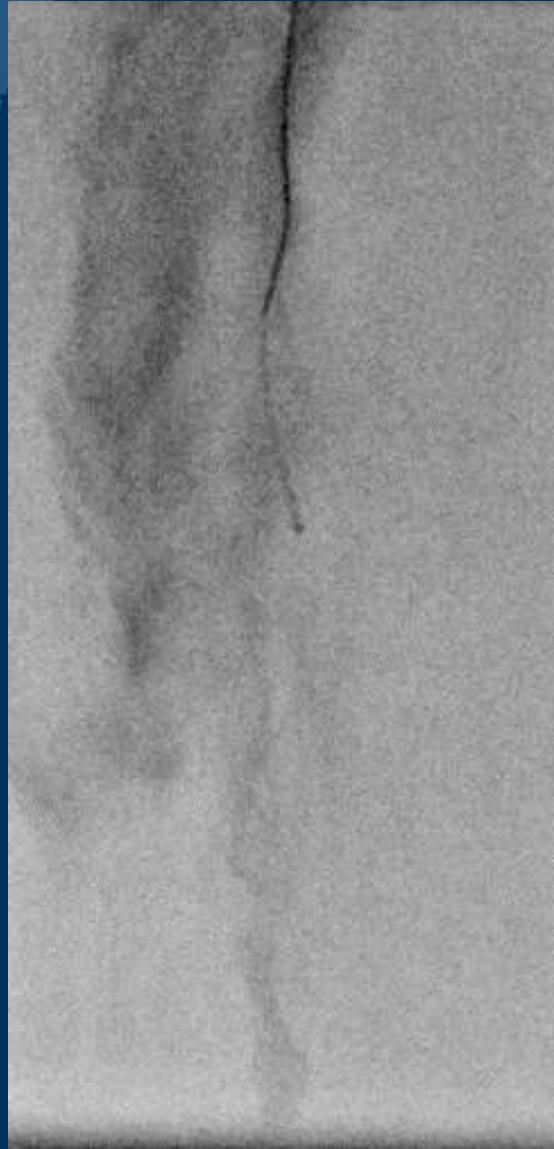
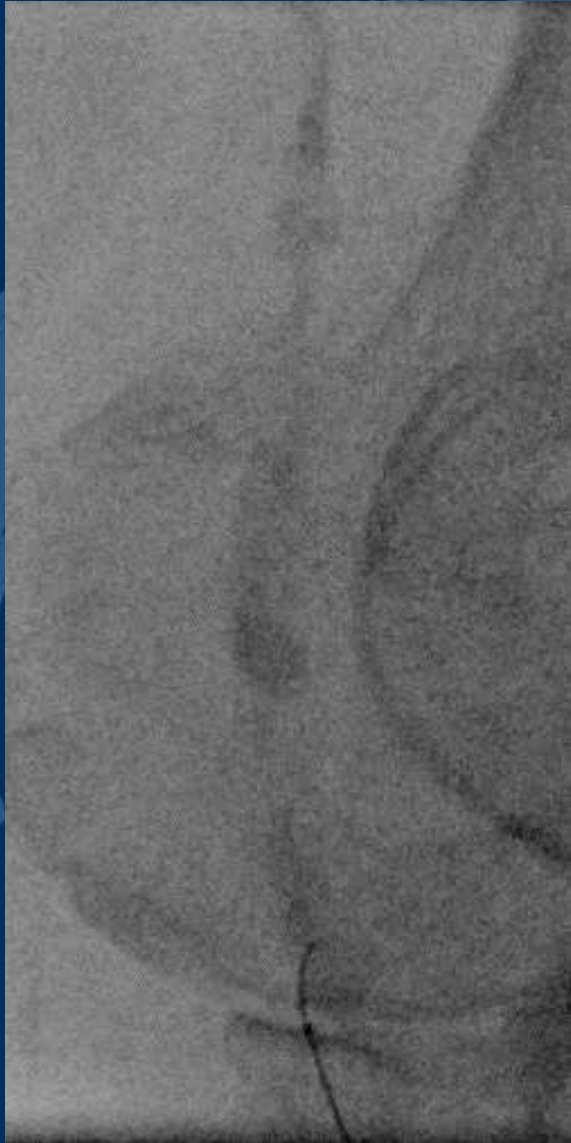




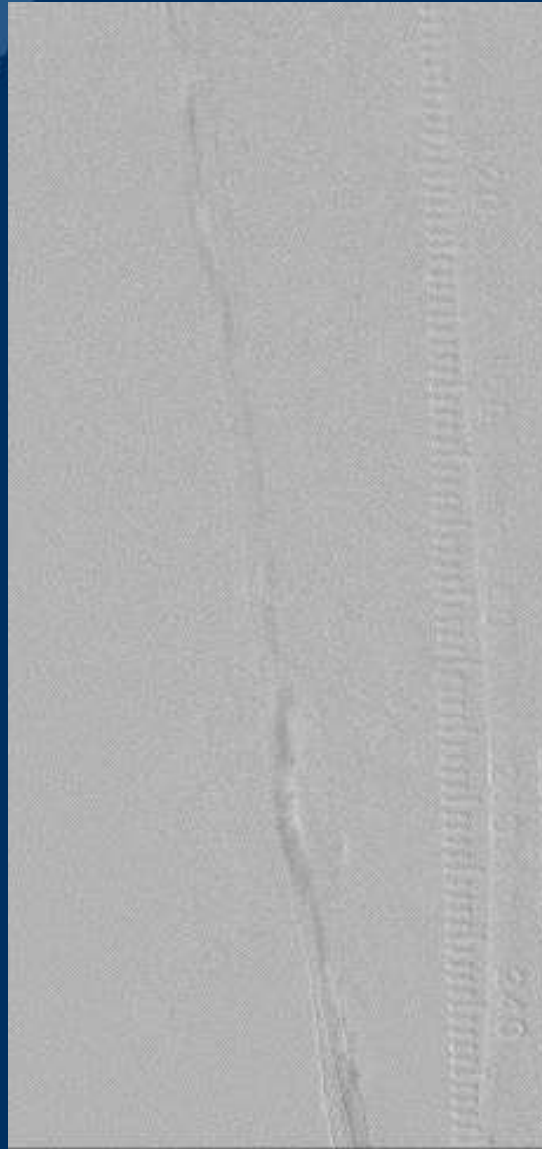
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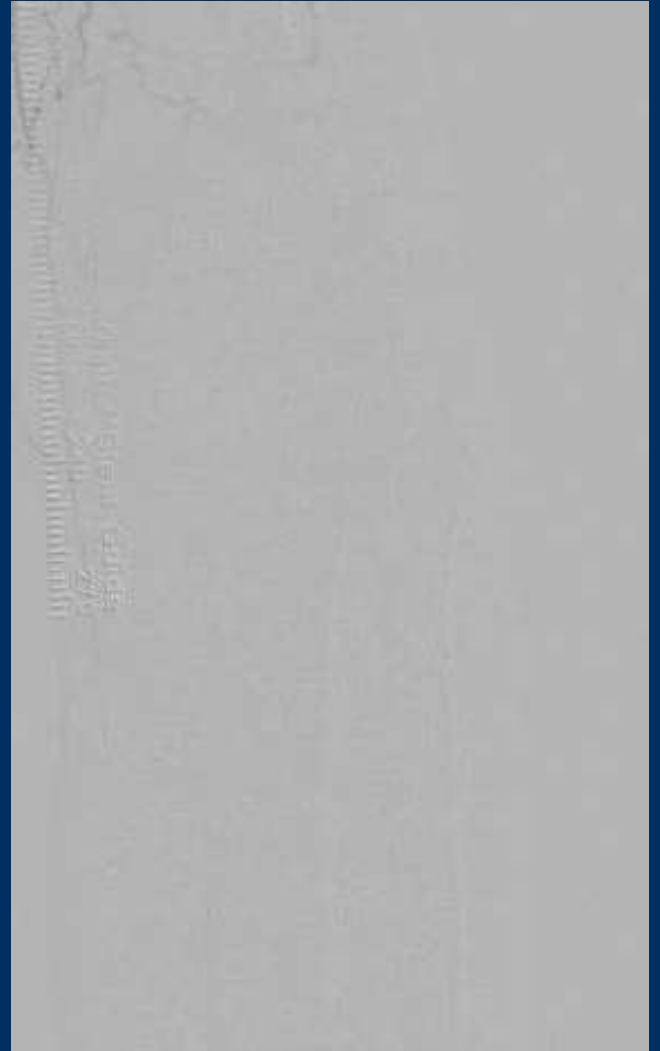
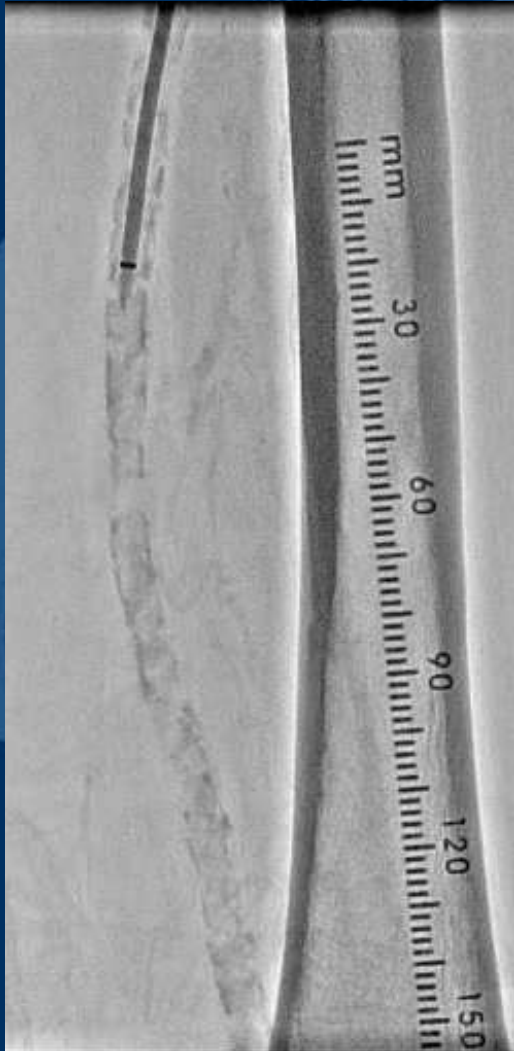
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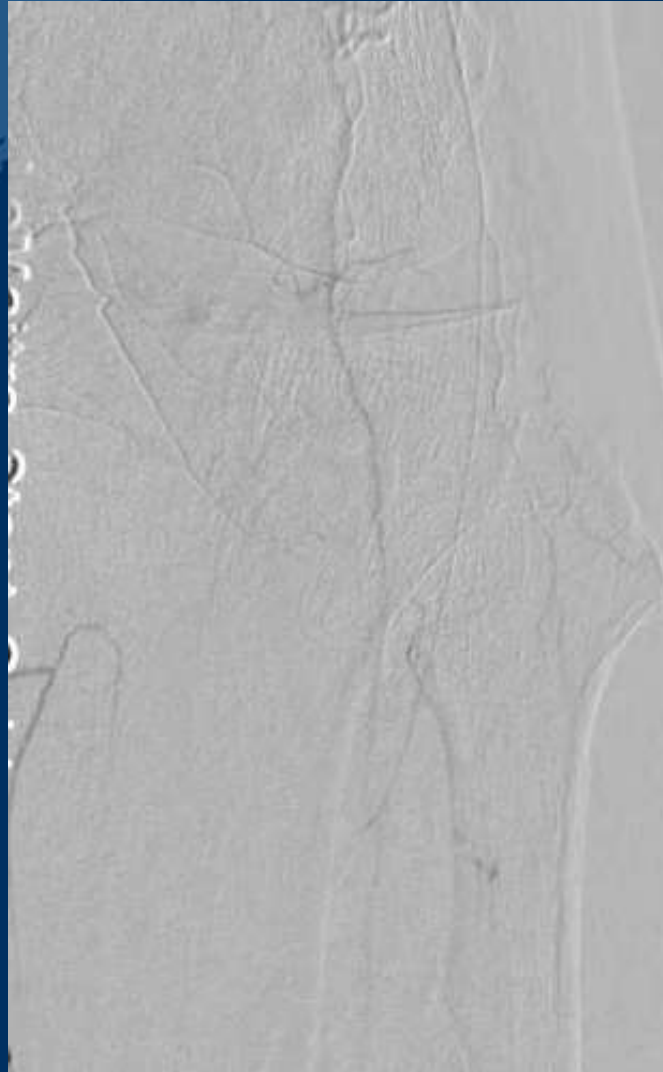


# New Weapon

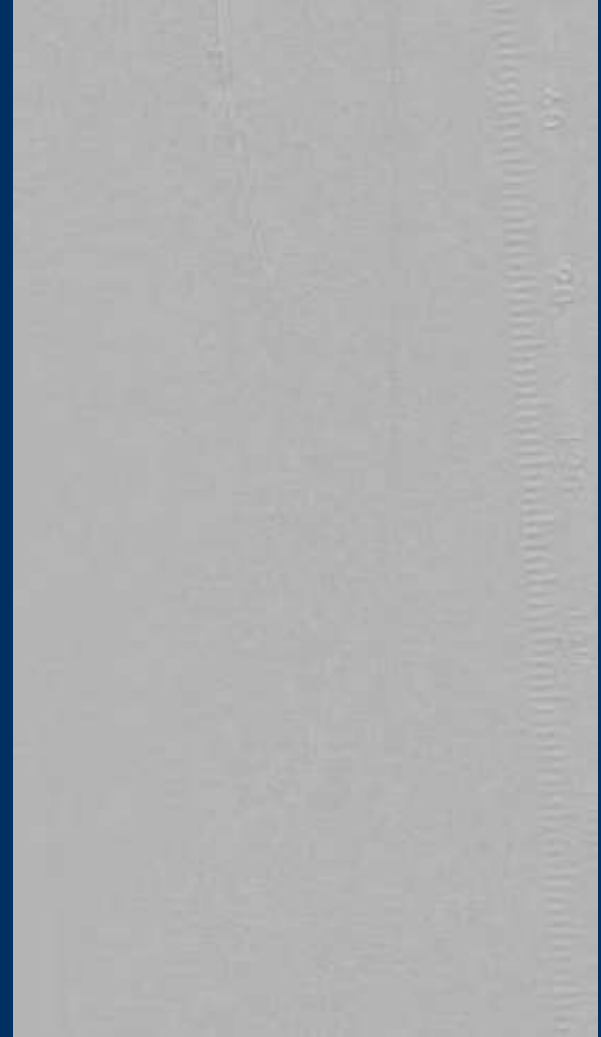
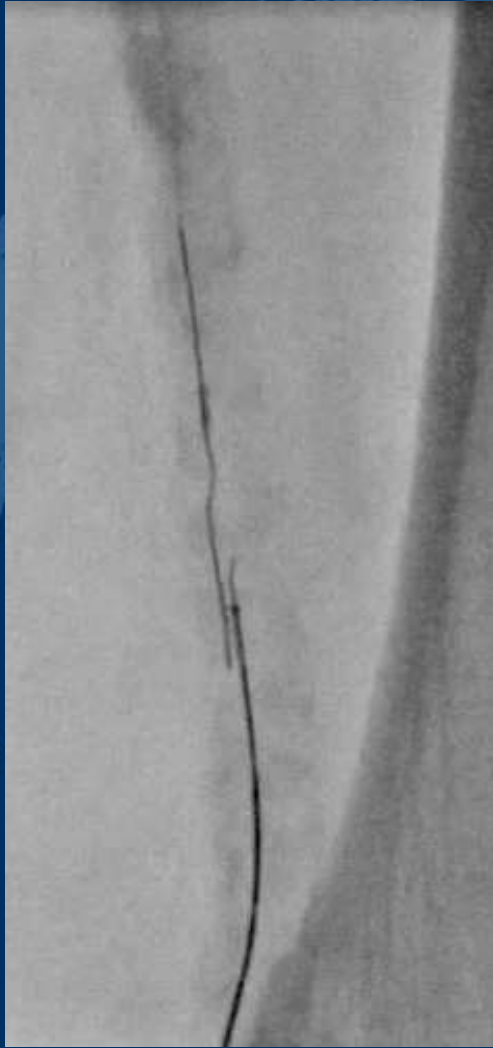




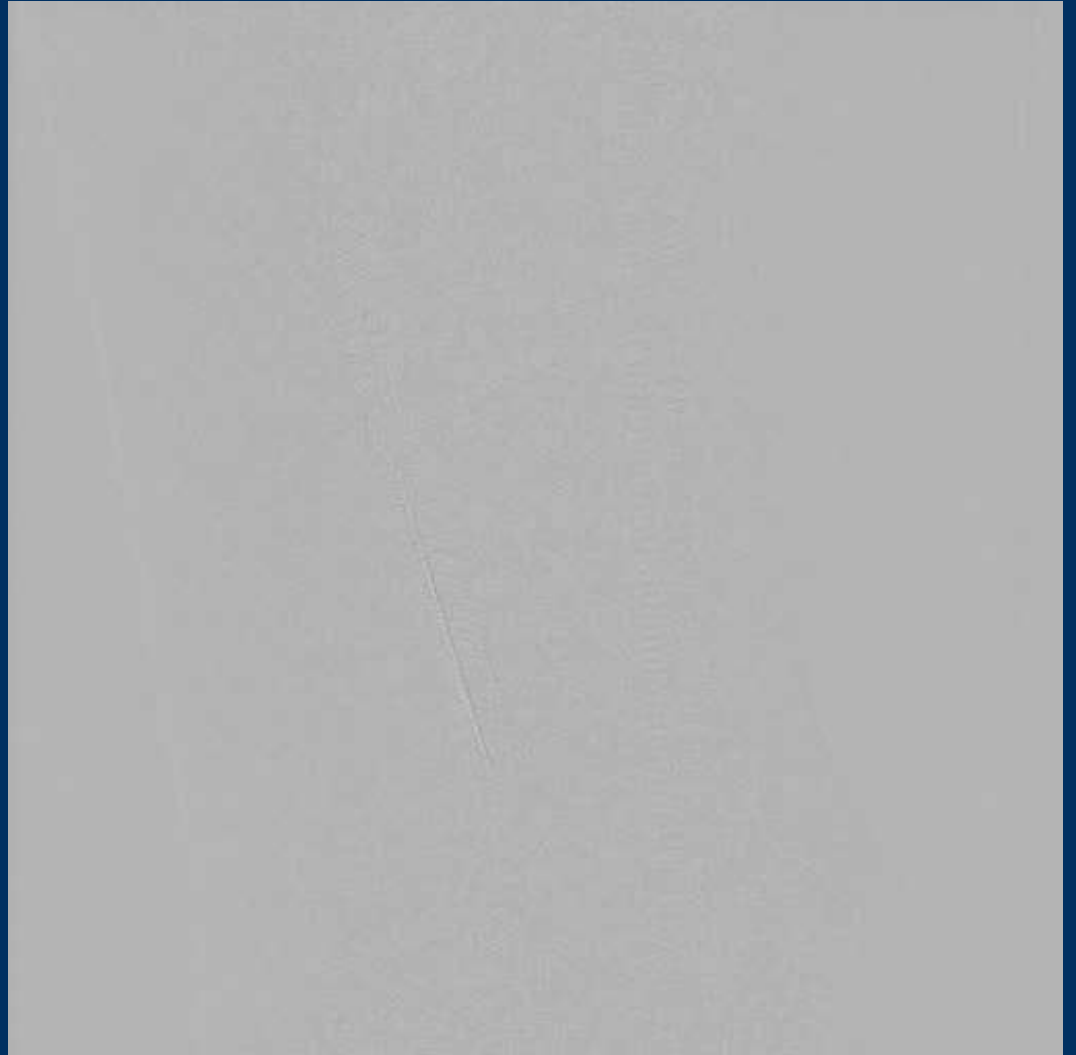
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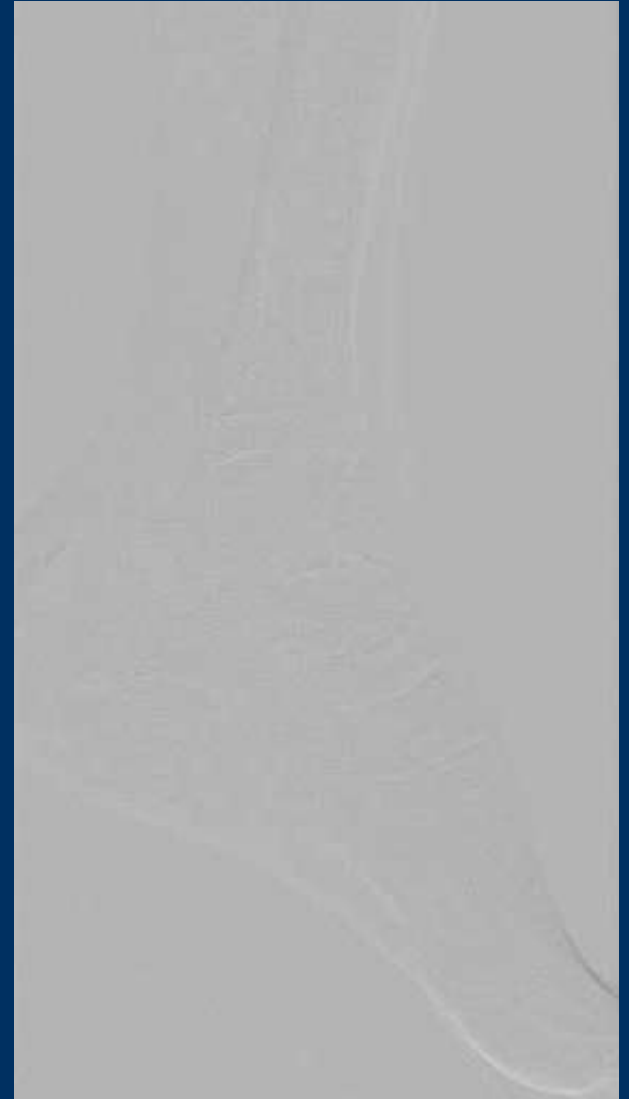
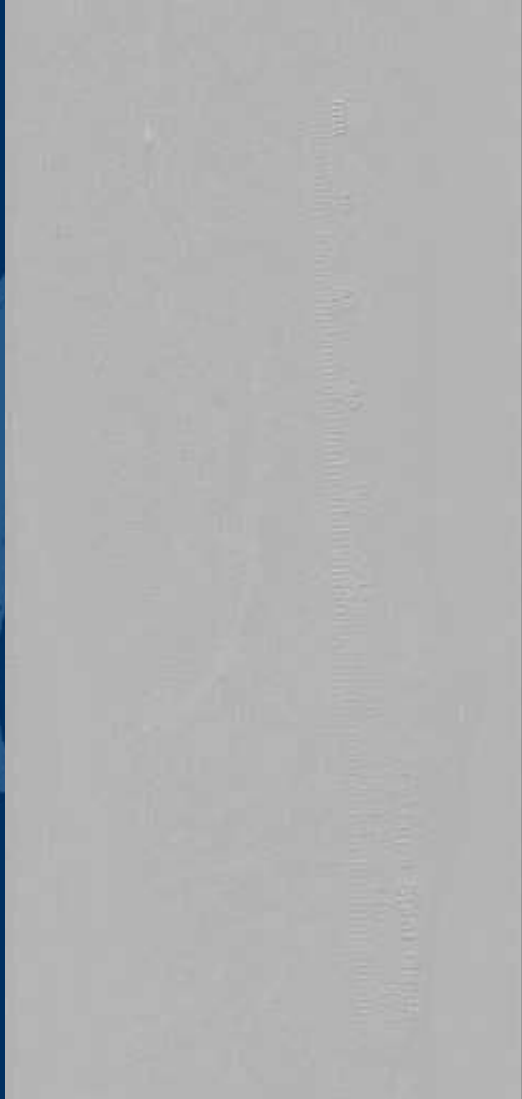
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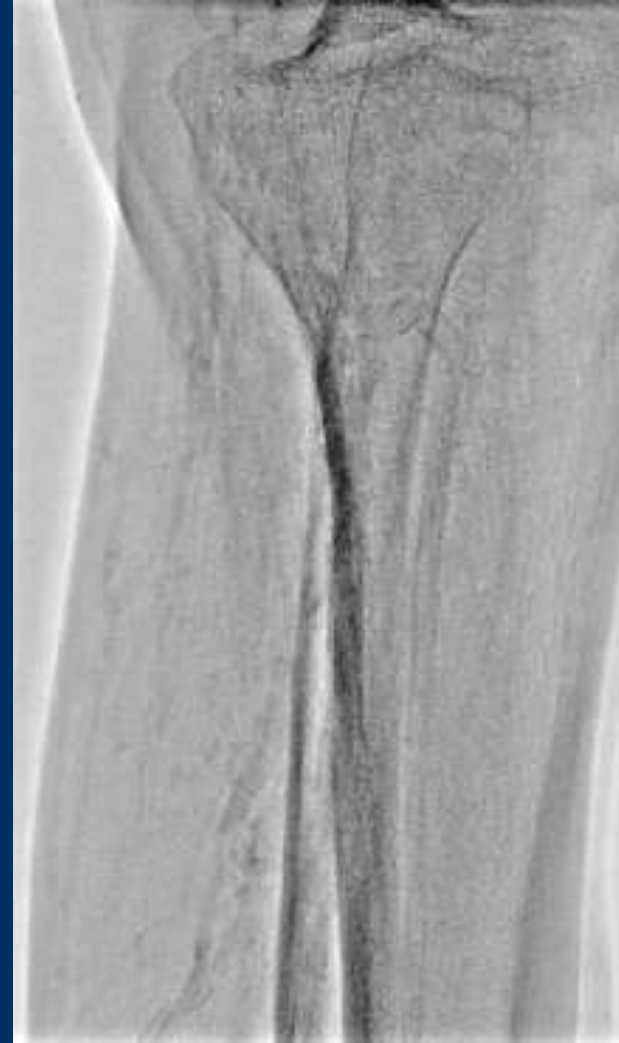


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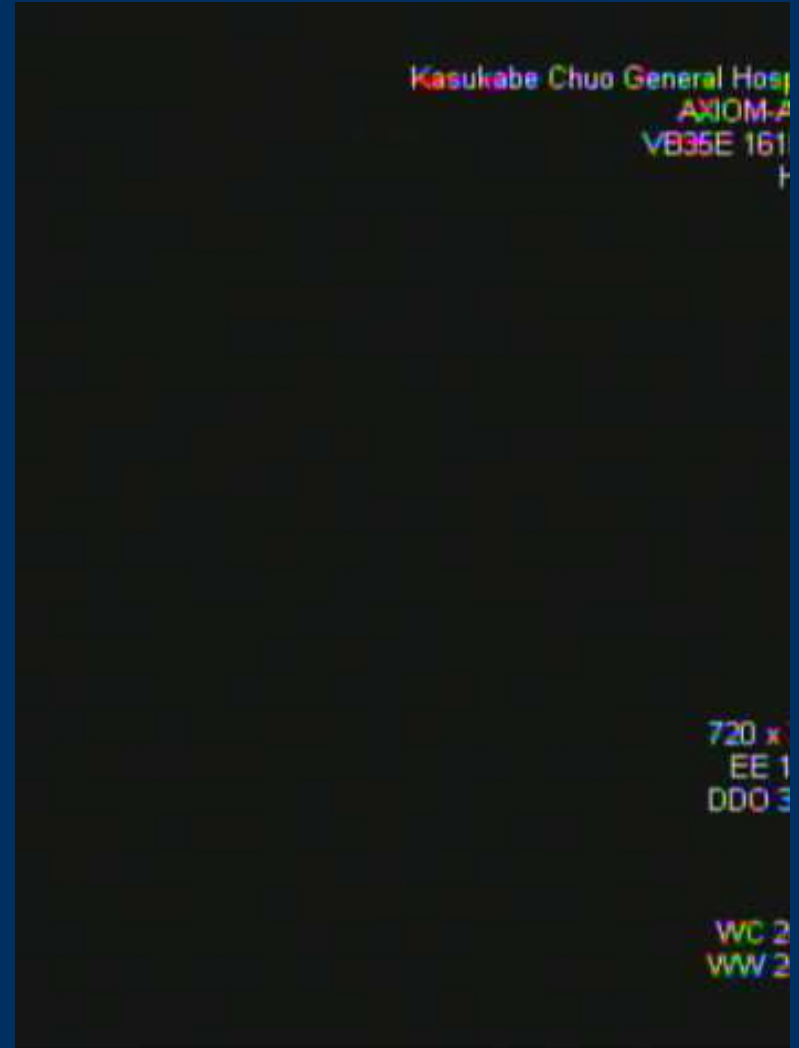
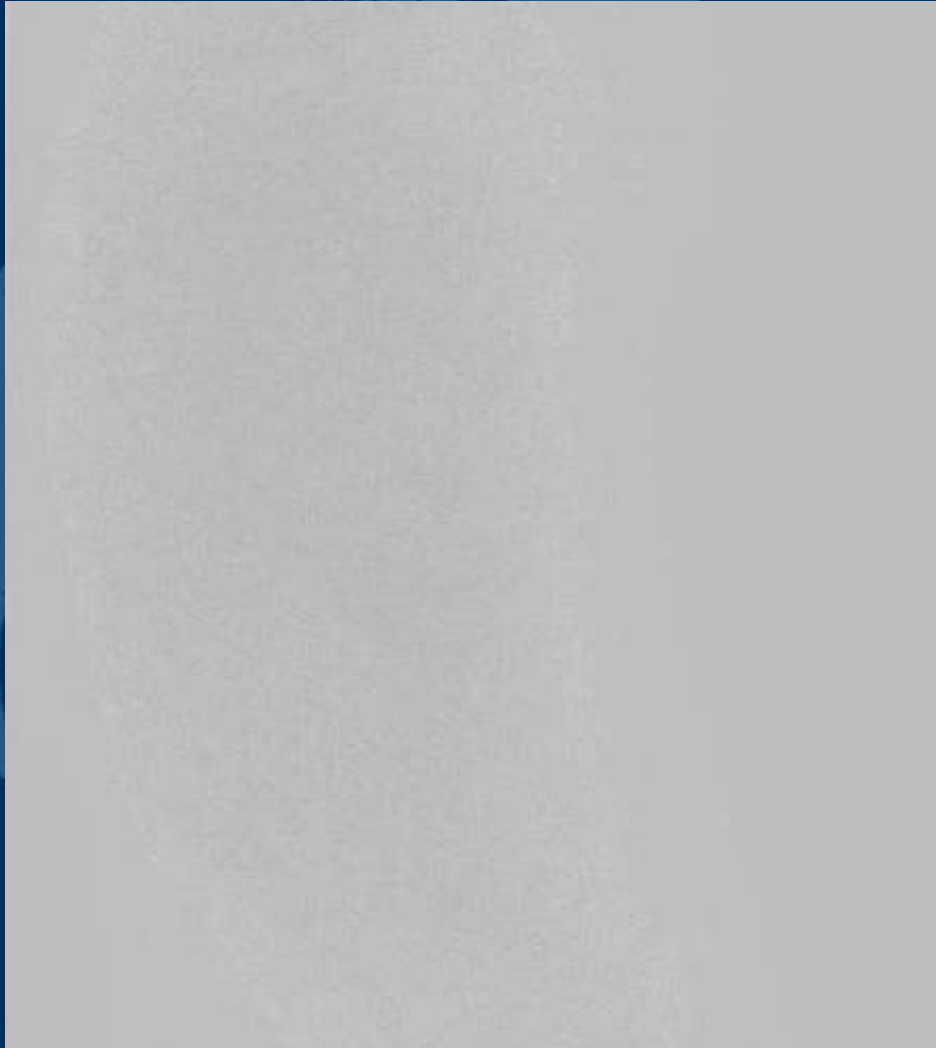




# Fix & Stick Technique



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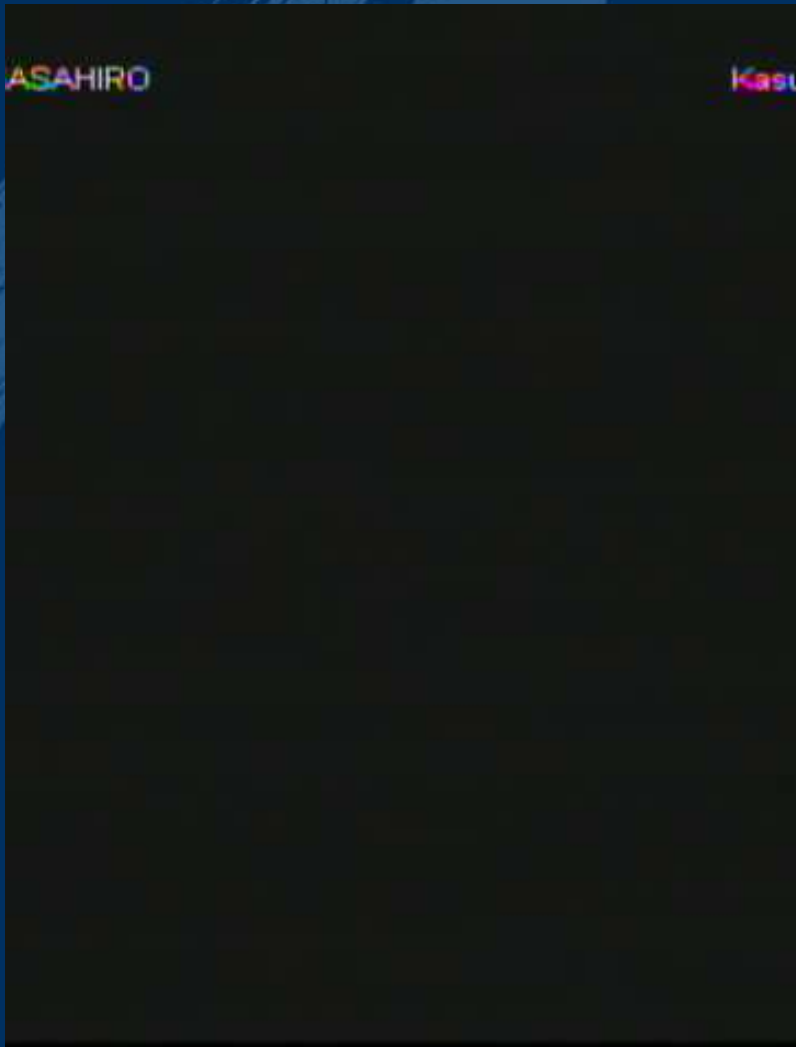


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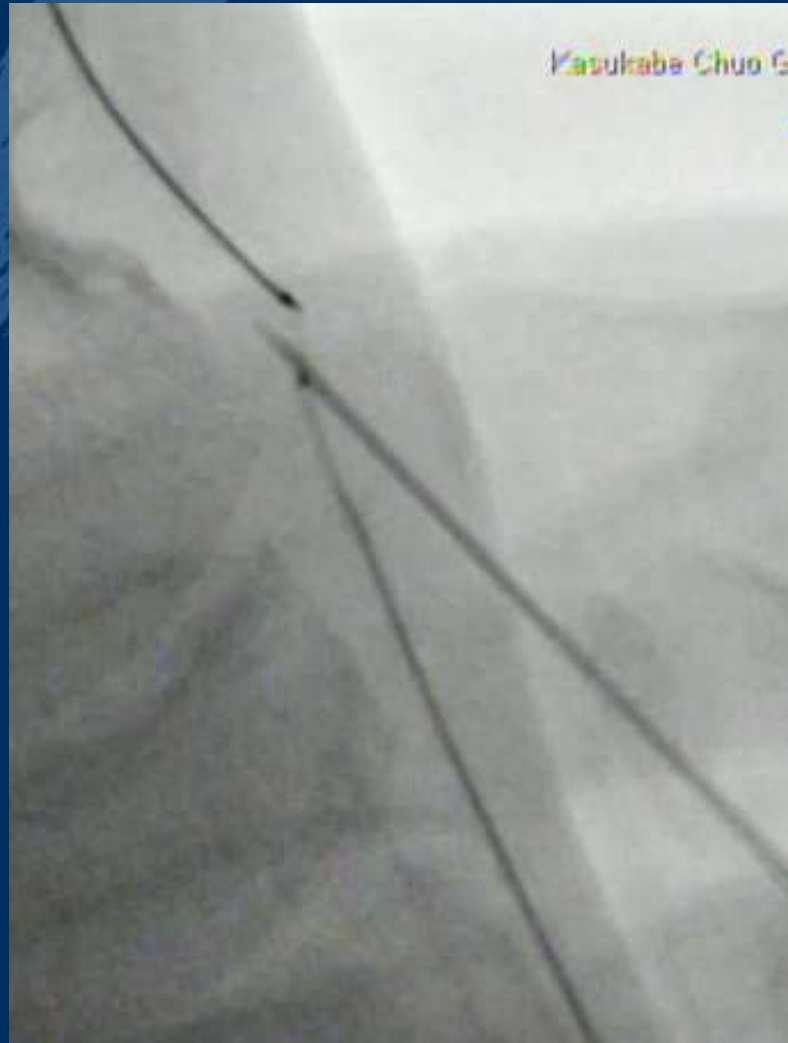




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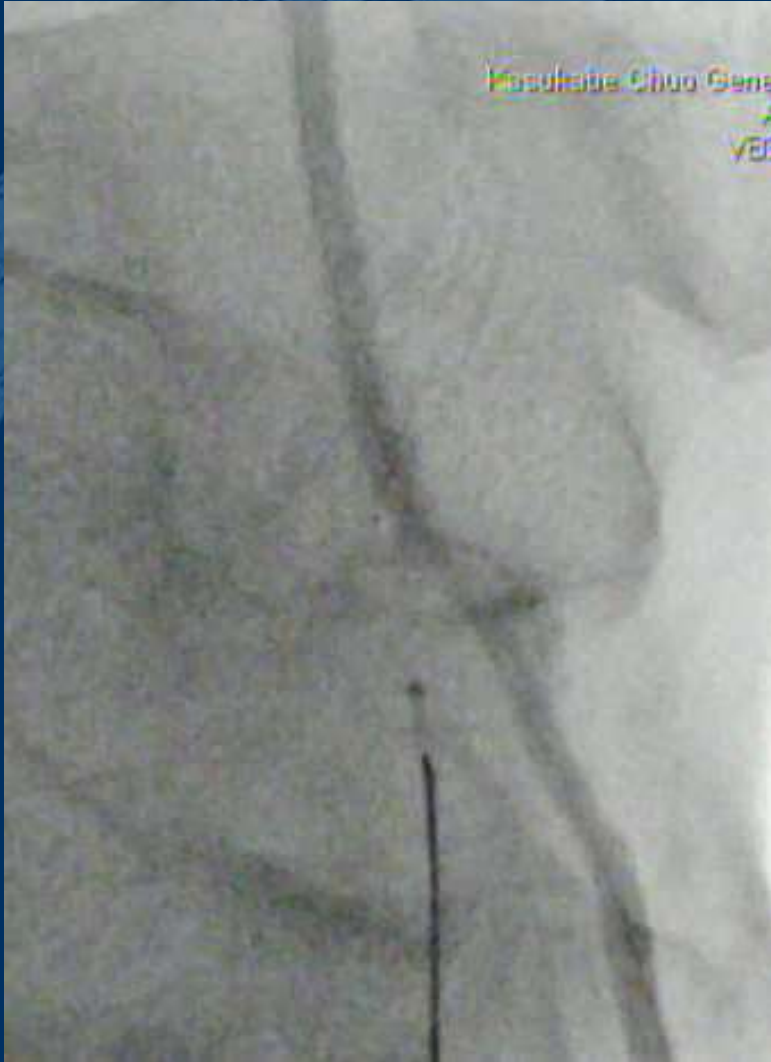


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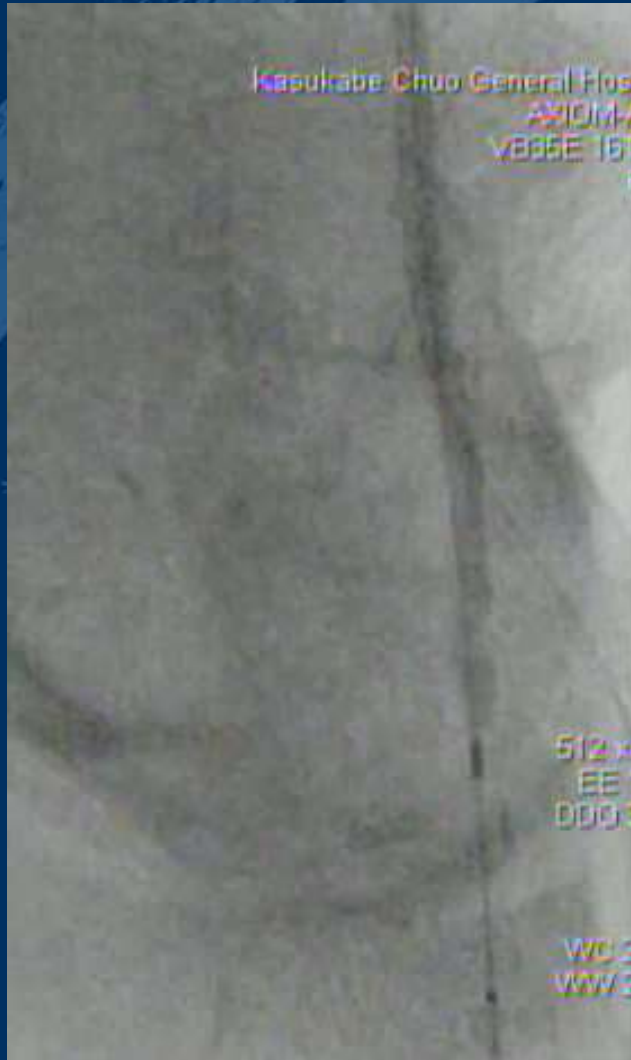


Needle Cracking Technique

# Fix & Stick Technique

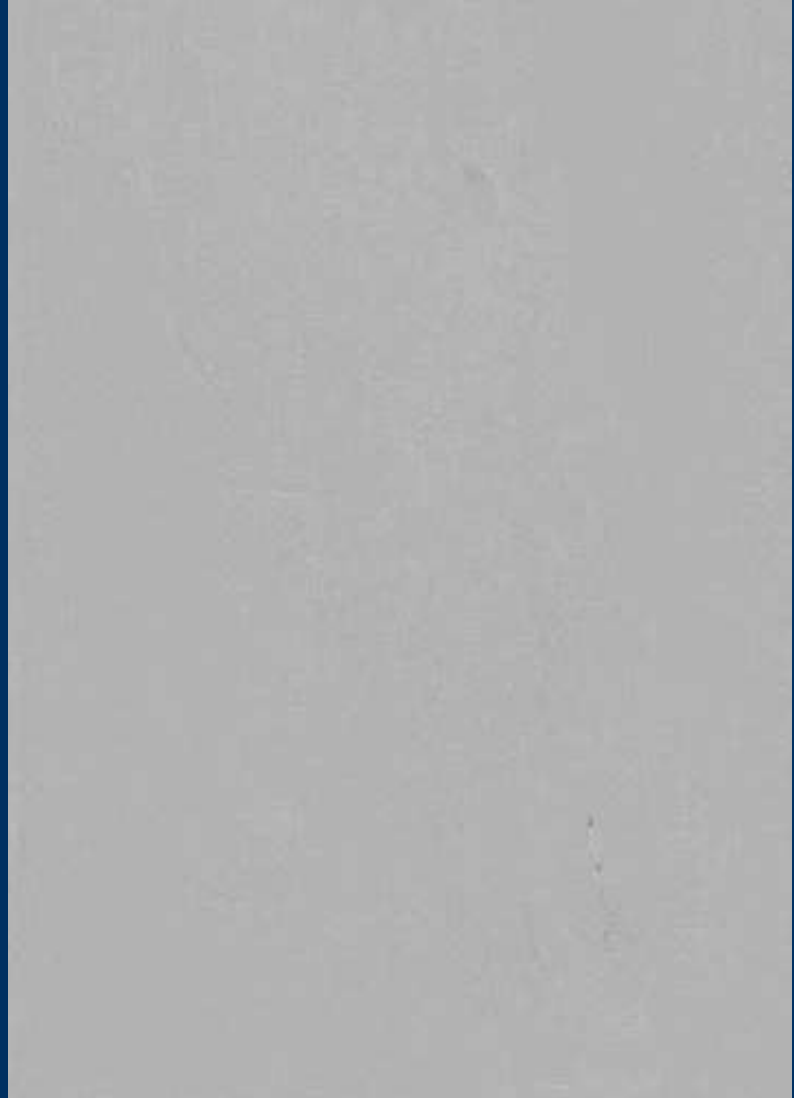
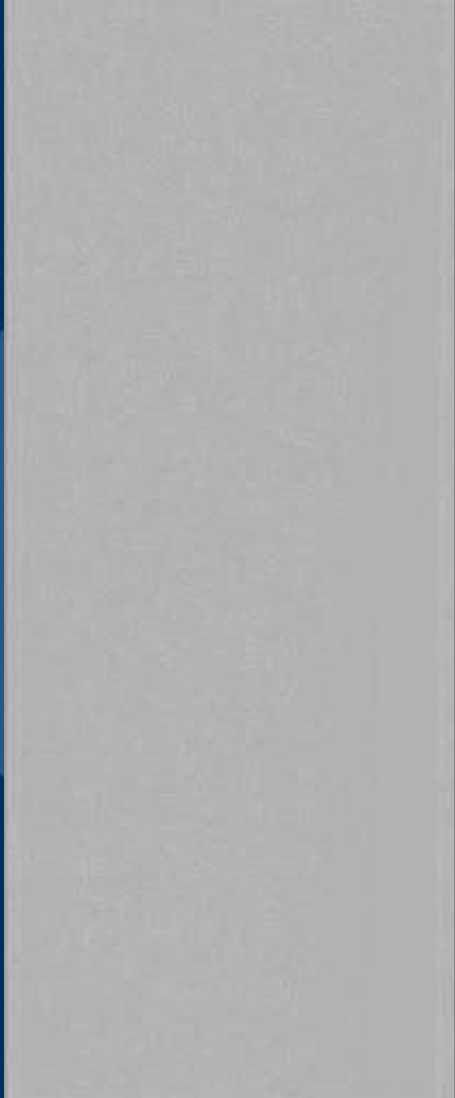


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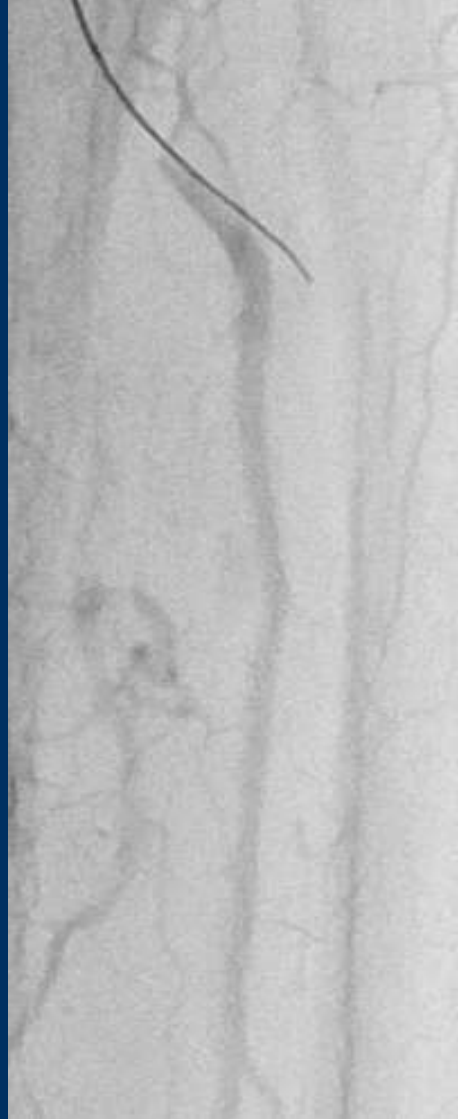




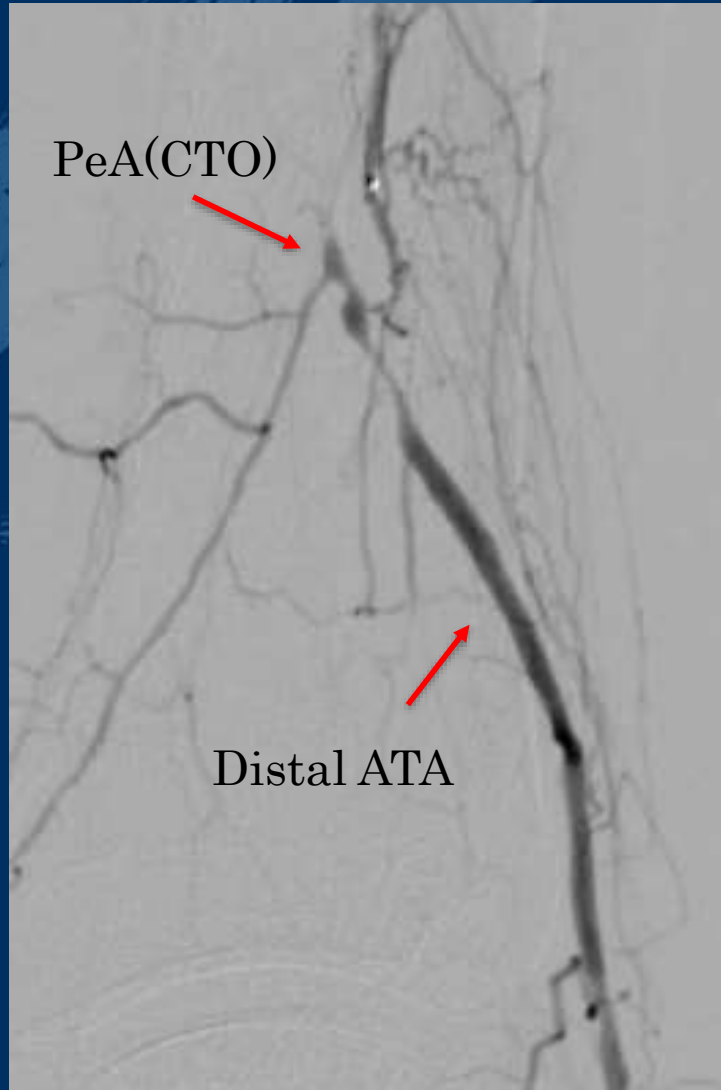
# Fix & Stick Technique



# Fix & Stick Technique



# Fix & Stick Technique



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 24** thu. - **26** sat., 2019

Venues

**Kobe International Exhibition Hall**  
**Portopia Hotel, Kobe, Japan**

- Coronary
- Peripheral
- Surgical
- Structural Heart Diseases
- Co-medical

**Thank you for your attention**

# Techniques for severely calcified lesions

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