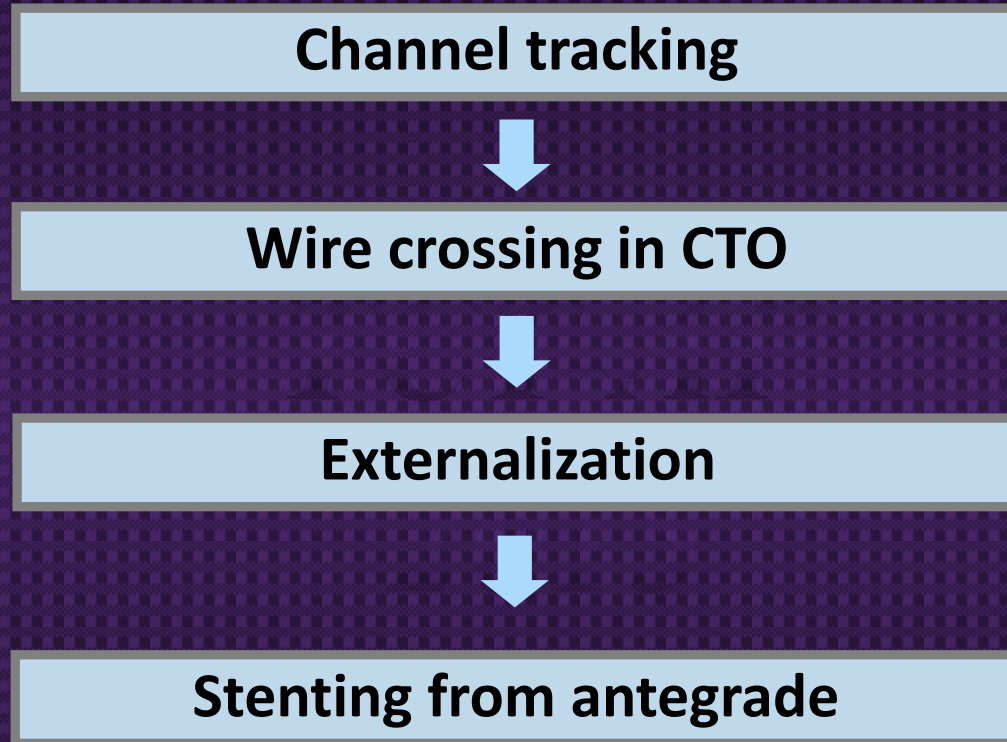


# **Rendez-Vous Technique in Retrograde CTO-PCI Keys to Success**

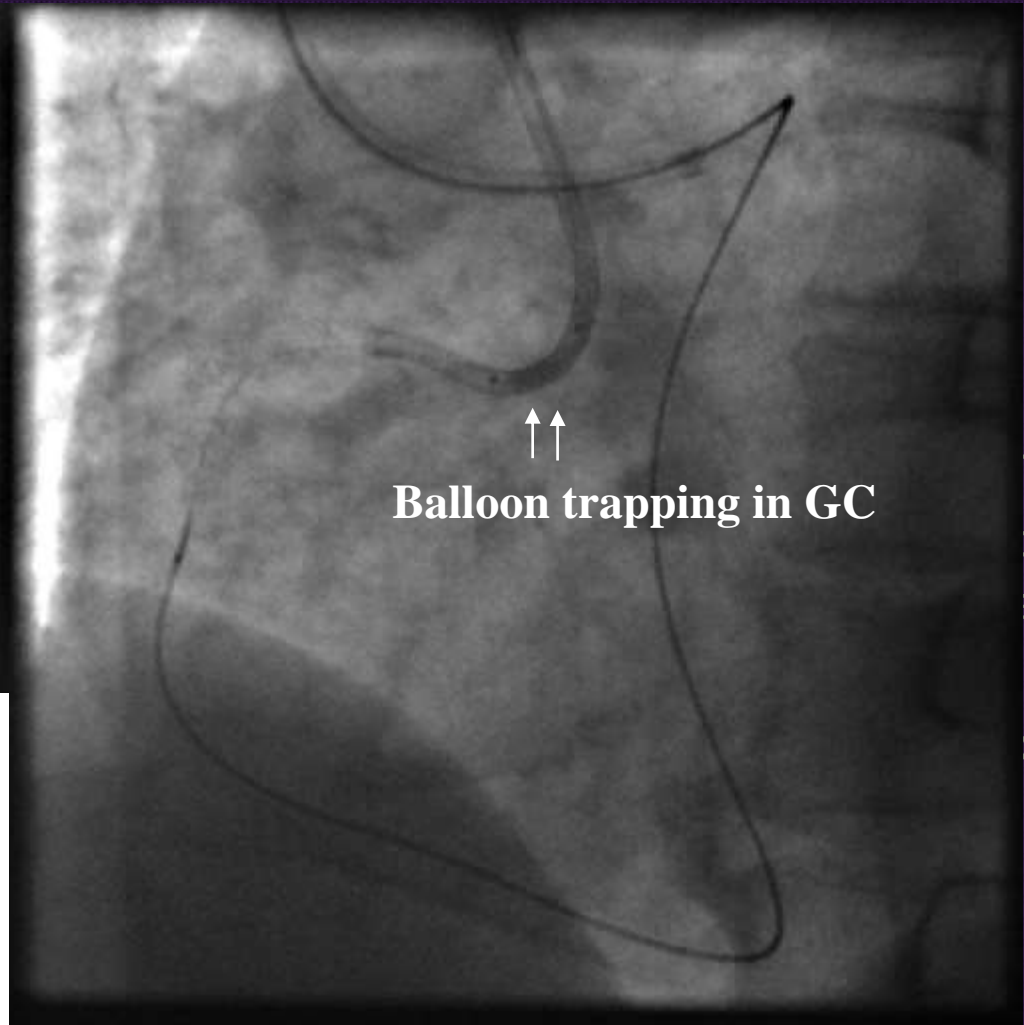
*Kenya Nasu, MD, FACC  
Toyohashi Heart Center, Japan*

# Usual strategy in retrograde PCI



# Advancement of Corsair to antegrade GC

REV



**ASAHI**  
**RG3**  
PTCA GUIDE WIRE

**Characteristics**

- Optimal wire strength, hydrophilic coating and 0.26mm shaft provide superior inside-catheter pushability.
- With the inner wall damage possibility reduced in tortuous vessels as well, the risk of complication is minimized.

**Ordering Information**

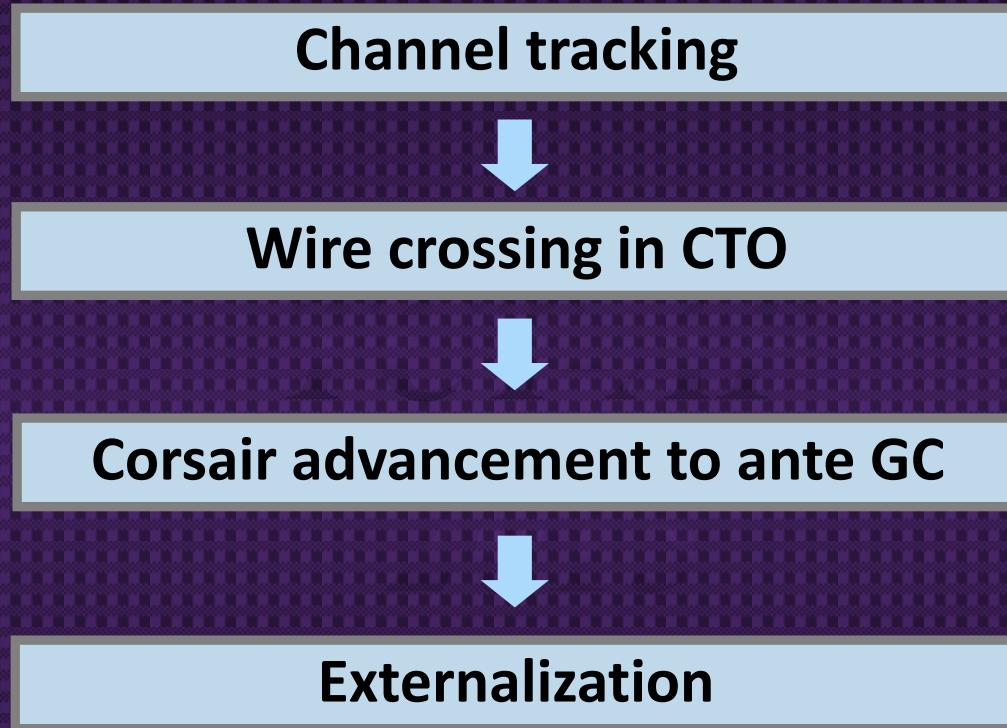
■ Structure

Usable Length: 390cm

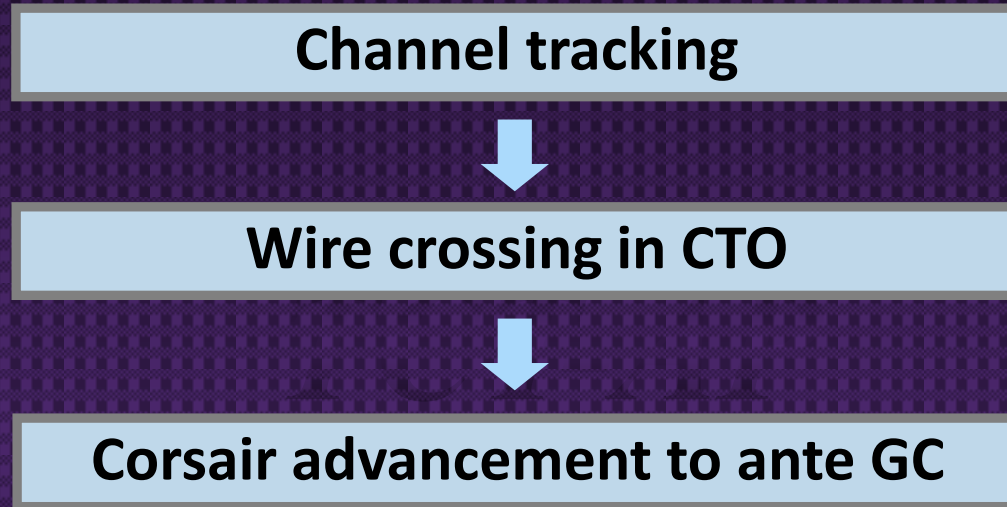
Product	Catalog No.	Diameter	Usable Length	Spring Coil Length	Radiopaque Length	No. Bends
ASAHI RG3	AHW1253025	0.26mm (0.010inch)	390cm	8cm	3cm	Straight

⑦ Retrograde wire & microcatheter cross to antegrade GC

# Usual strategy in retrograde PCI

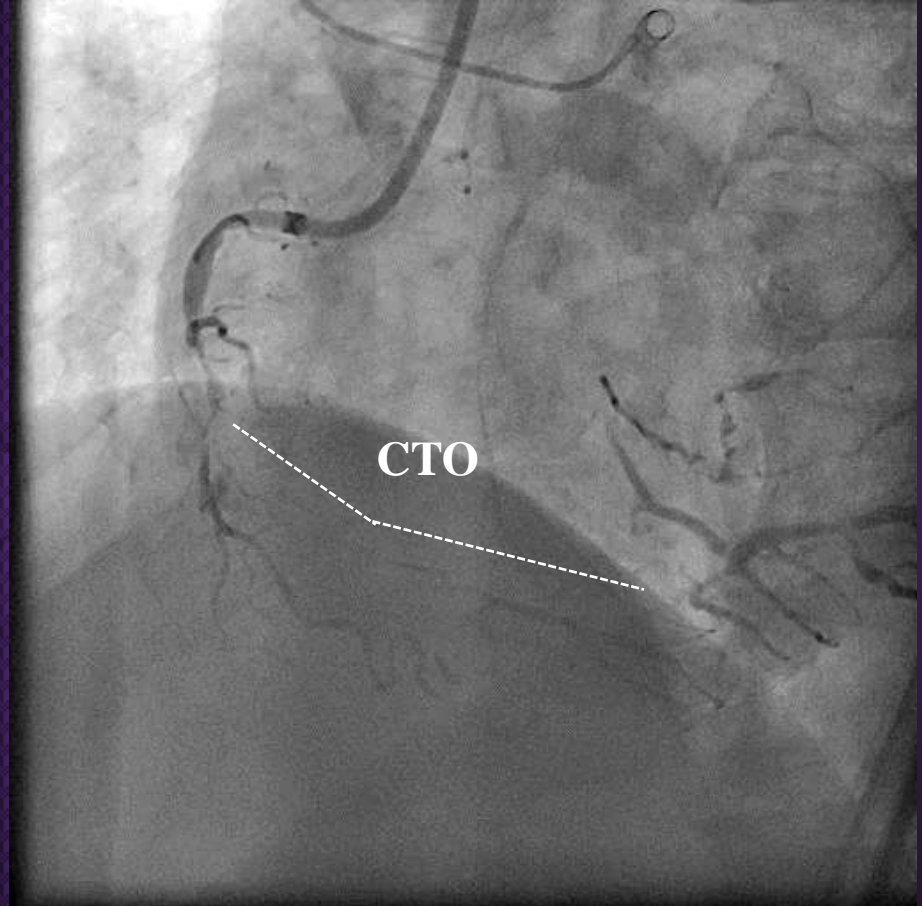
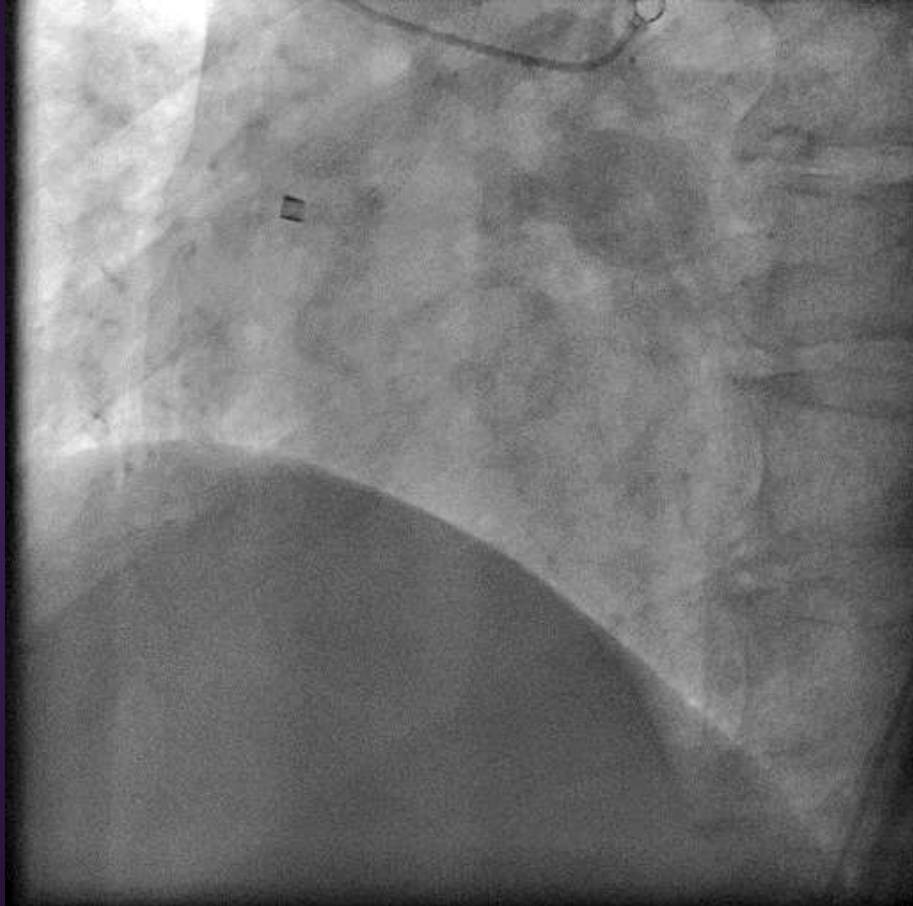


# Usual strategy in retrograde PCI



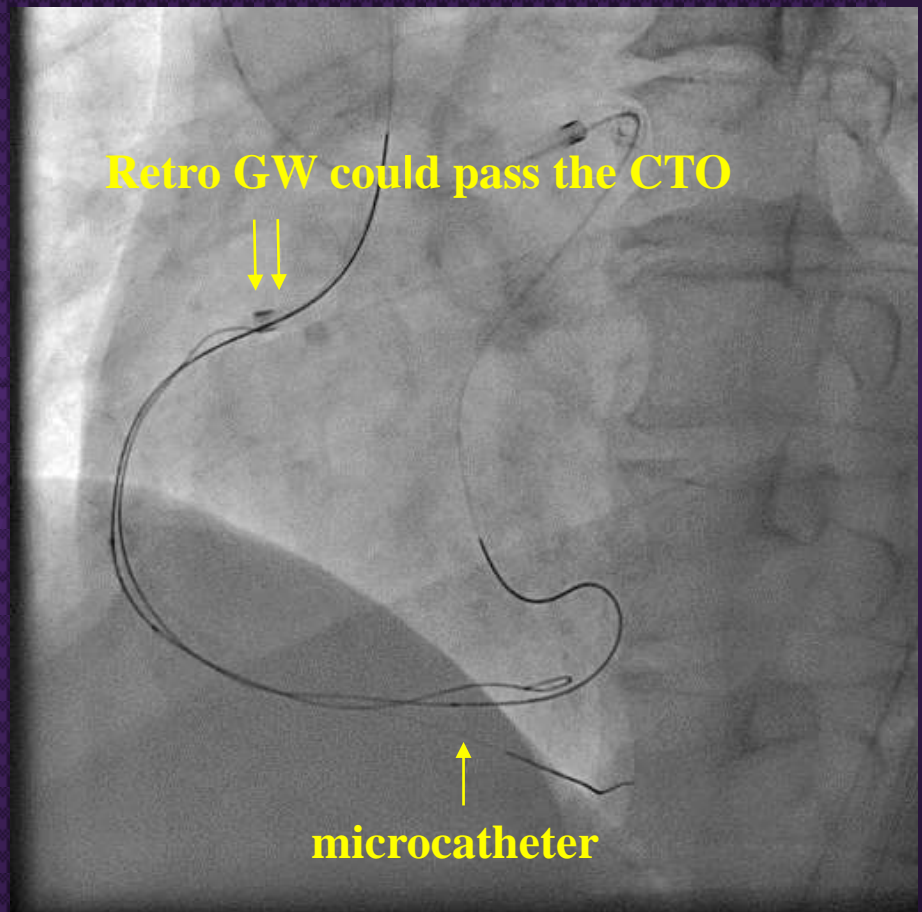
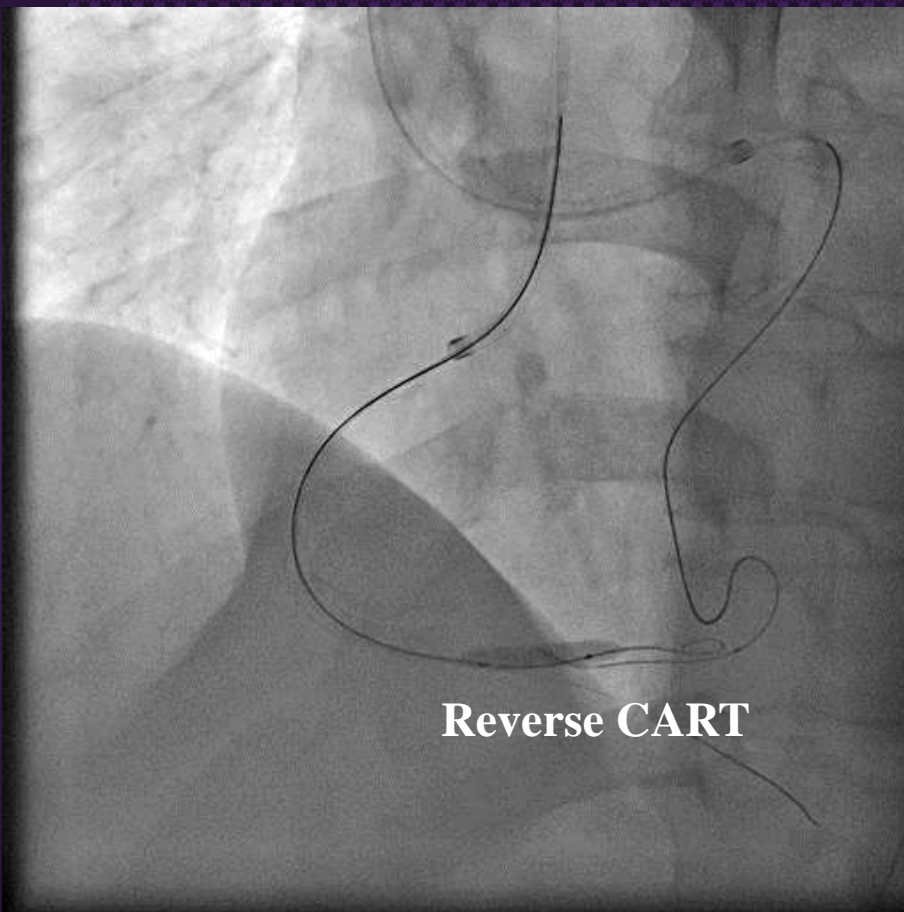
- **However, Corsair (microcatheter) cannot be advance to GC...**

# Case1: Long CTO

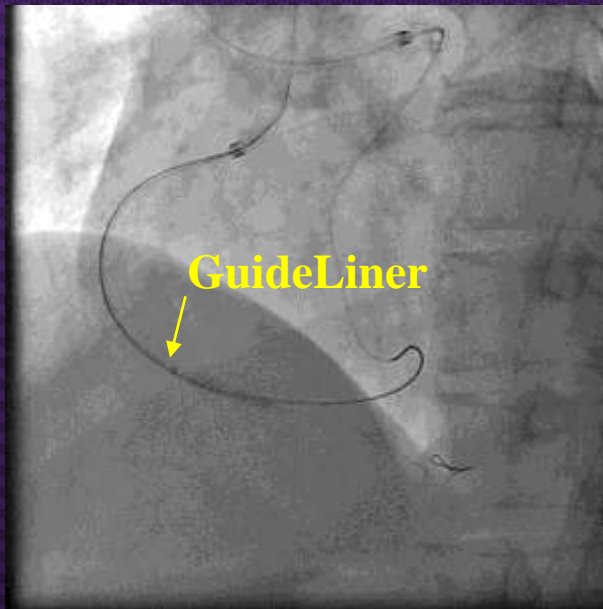
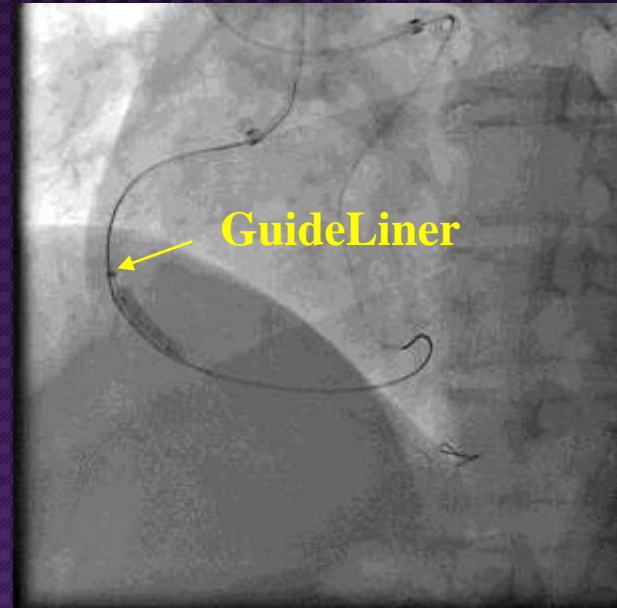
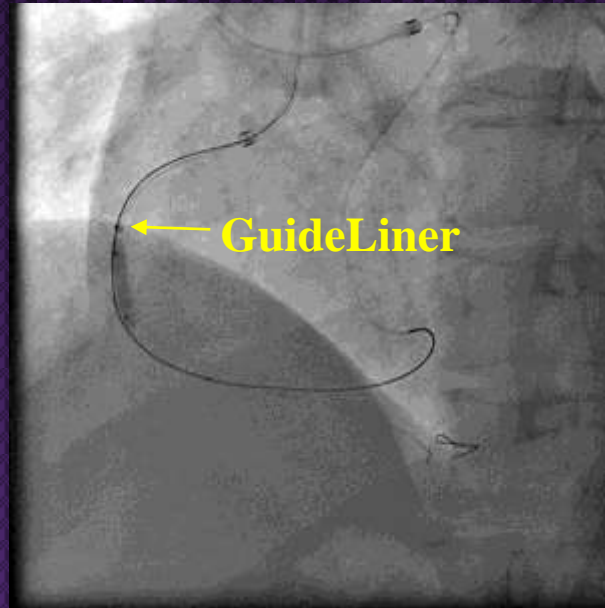
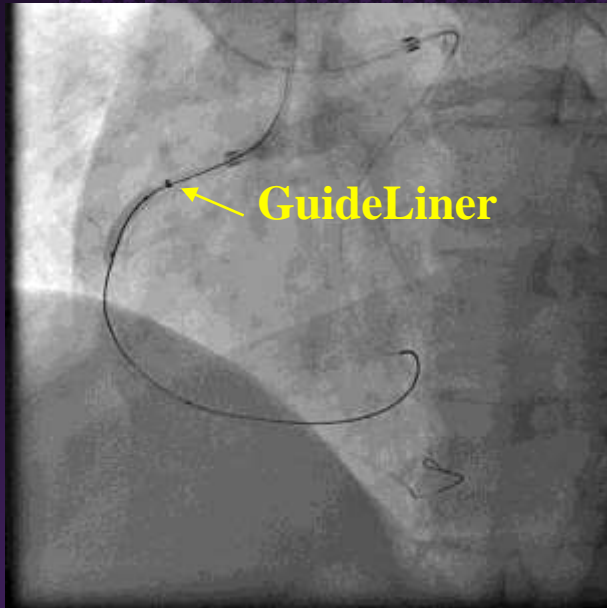




# Case1: Long CTO

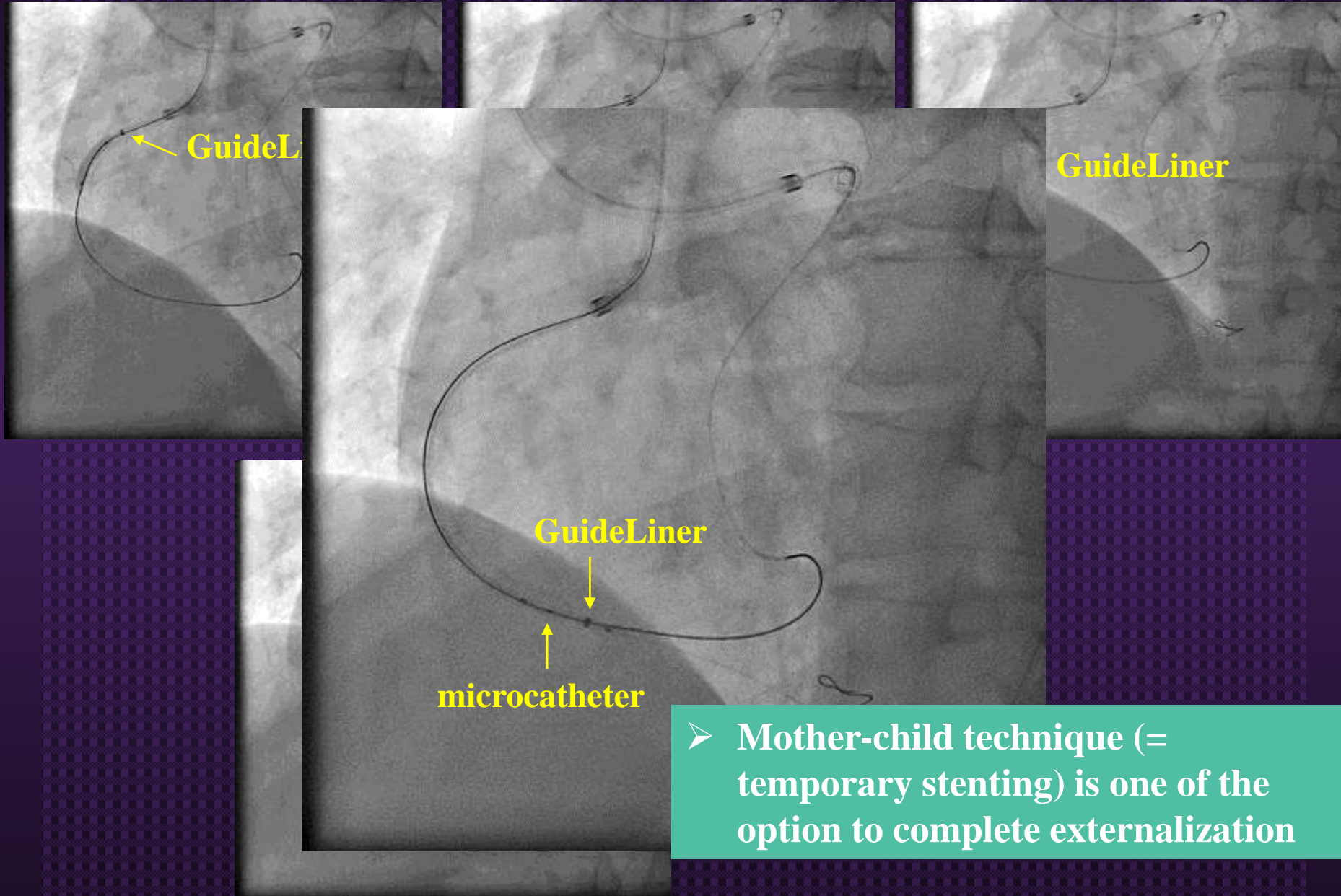


# Case1: Long CTO



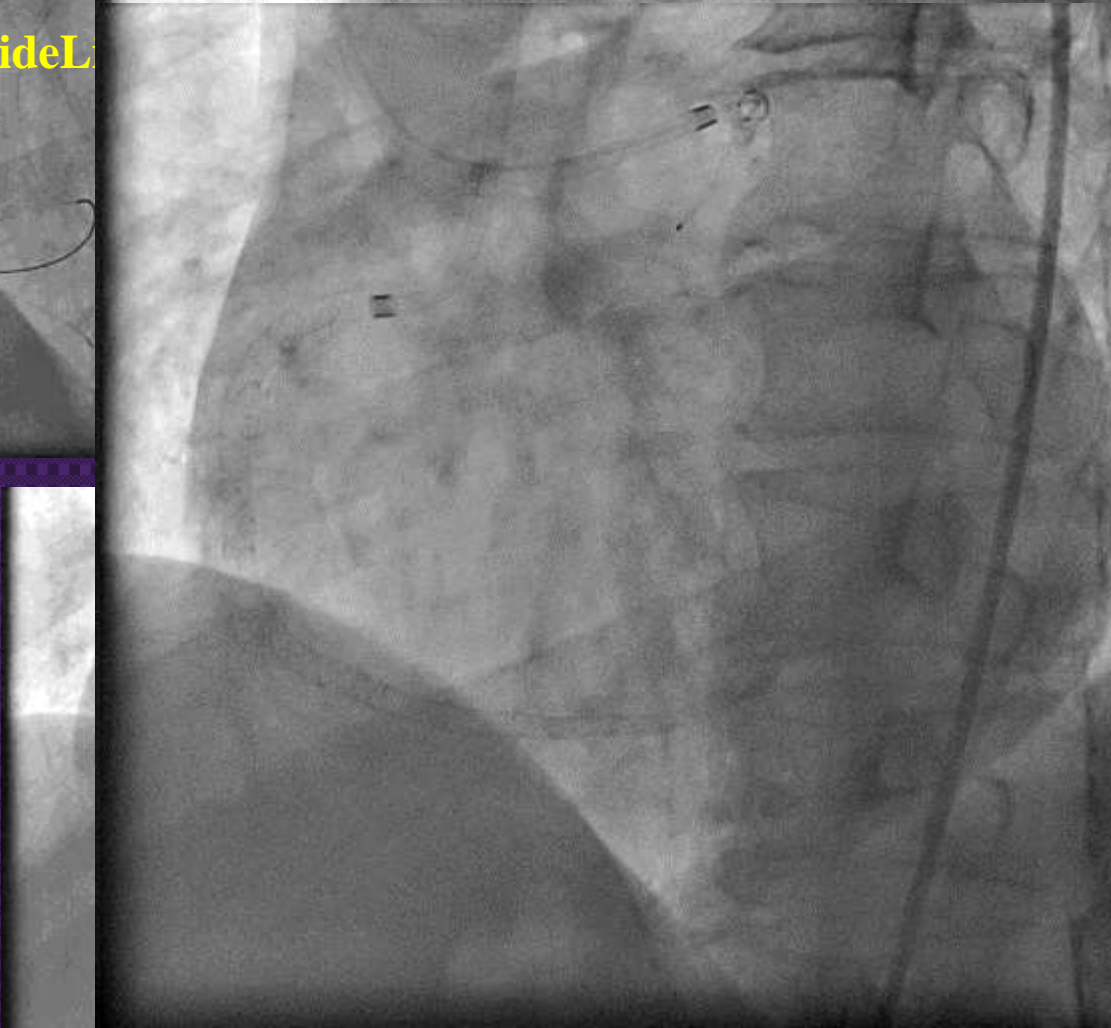
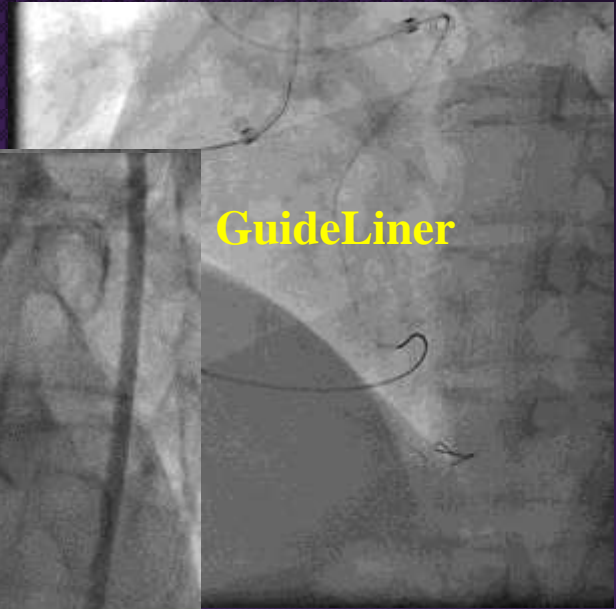
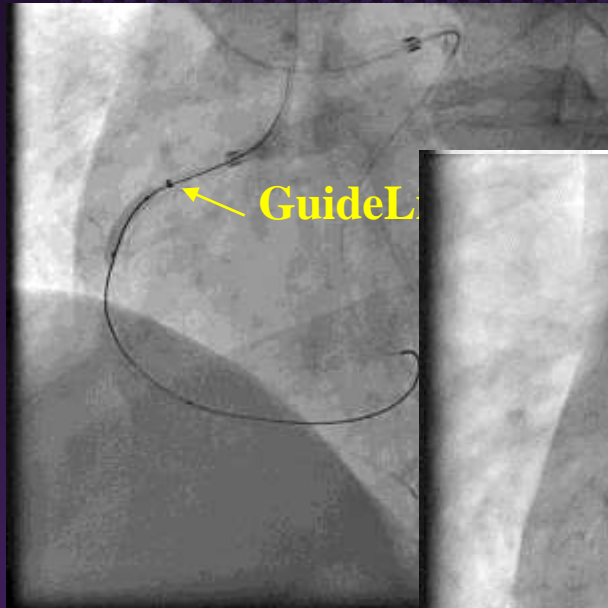


# Case1: Long CTO



- Mother-child technique (= temporary stenting) is one of the option to complete externalization

# Case1: Long CTO



is one of the option  
alization

# Usual strategy in retrograde PCI

Channel tracking



Wire crossing in CTO



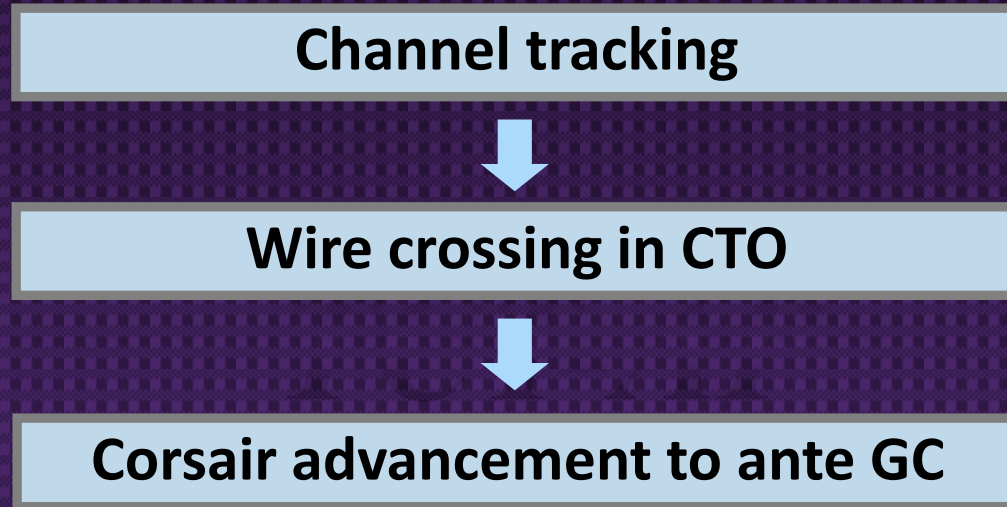
Corsair advancement to ante GC

➤ However, Corsair (microcatheter) cannot advance to GC...



Mother-child technique

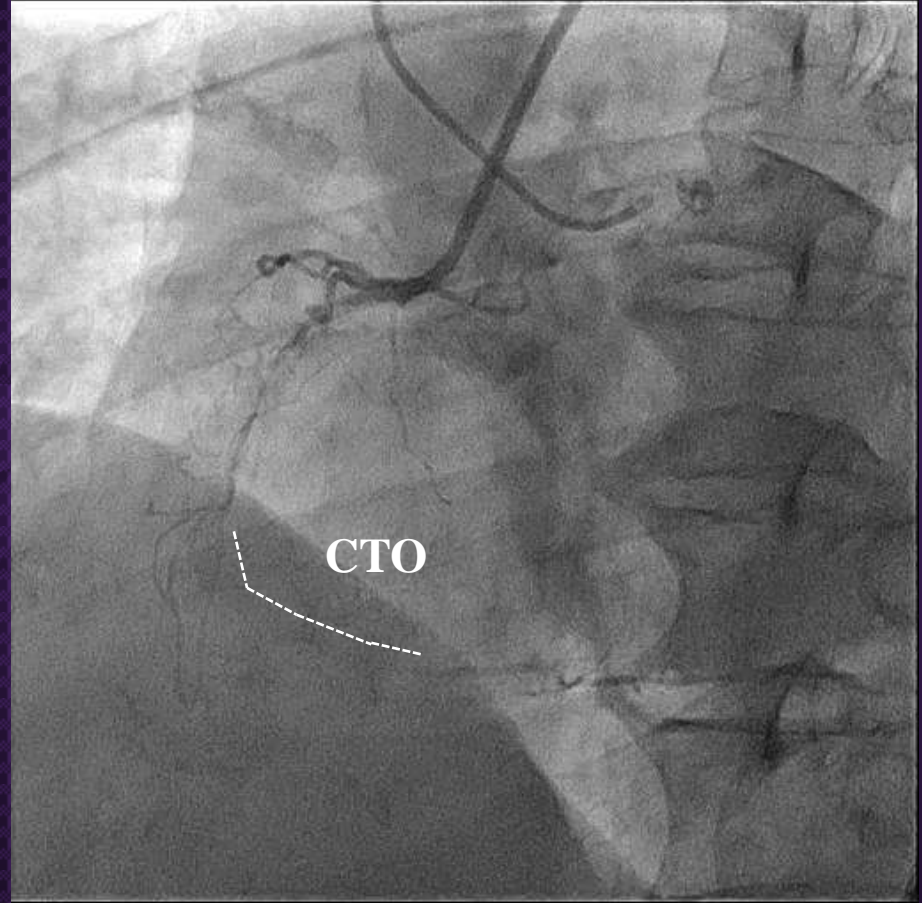
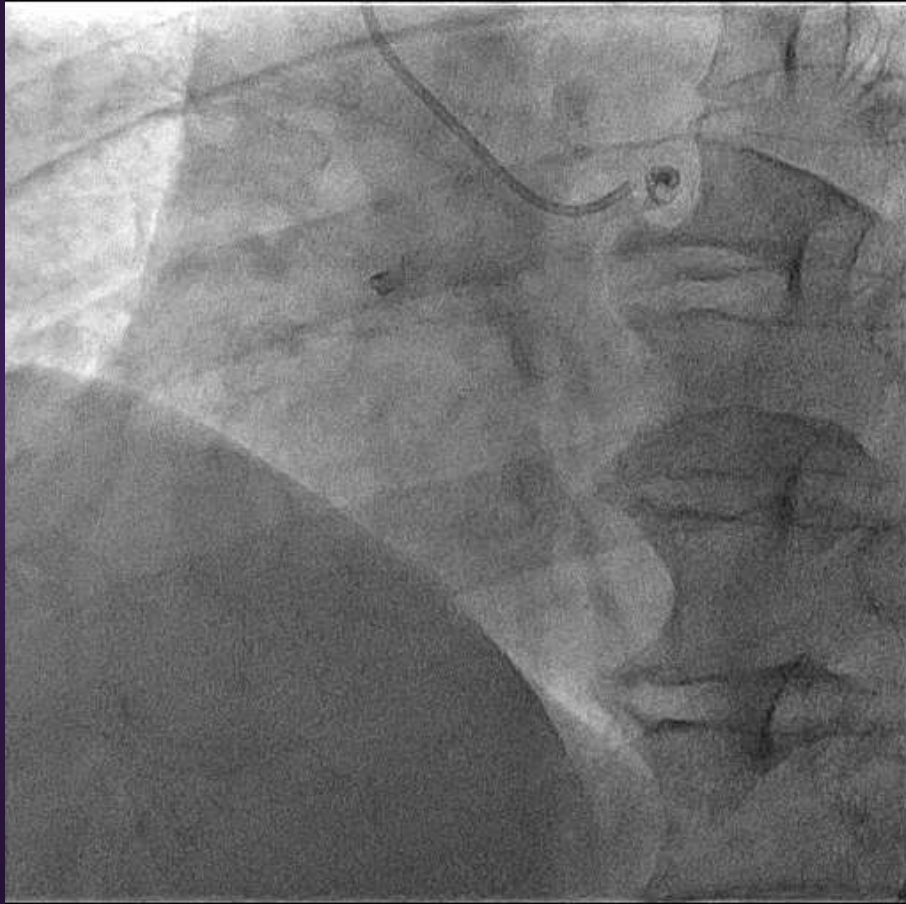
# Usual strategy in retrograde PCI



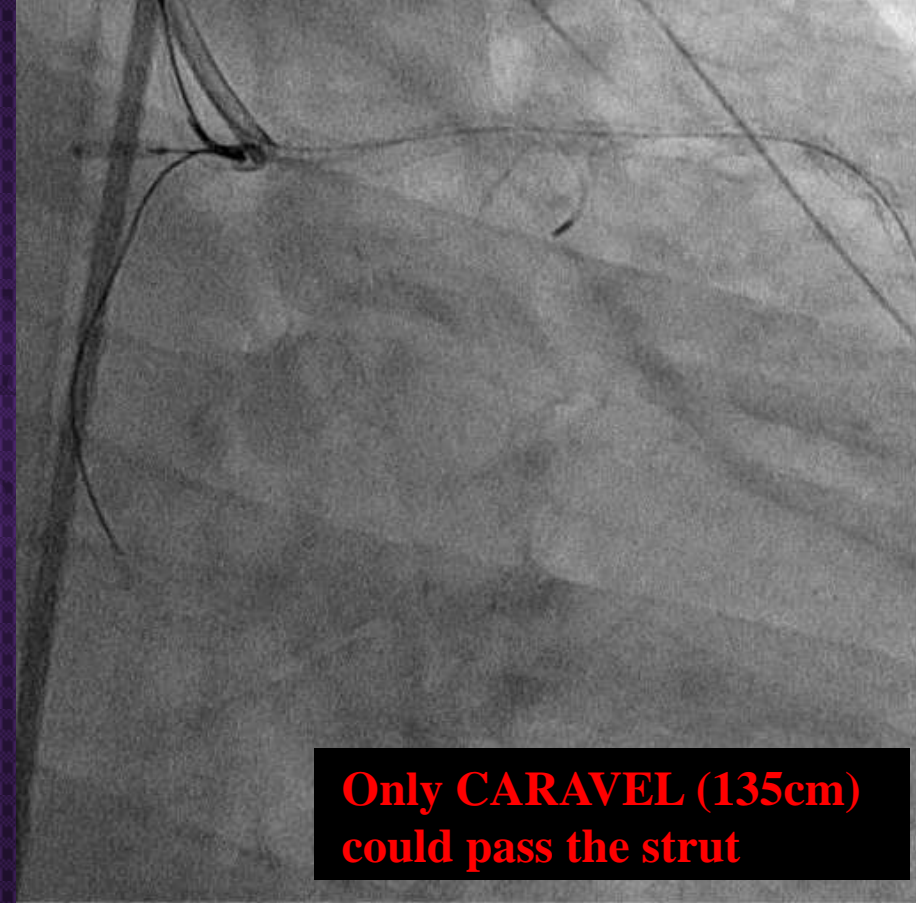
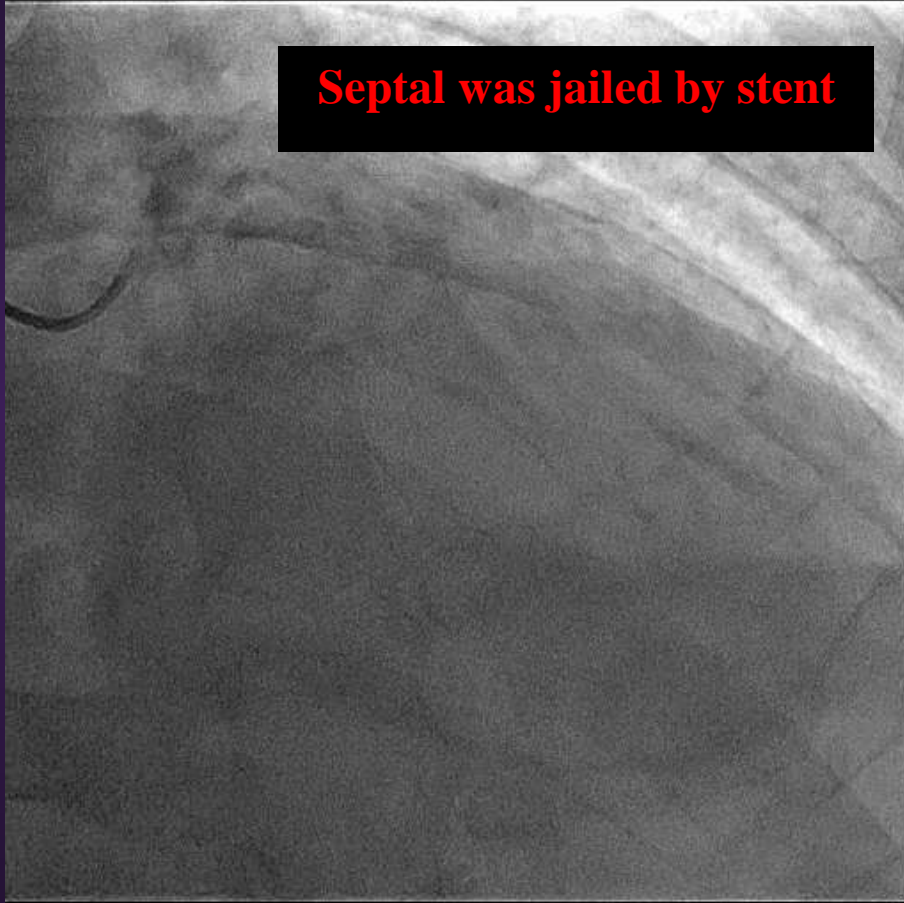
- However, if Corsair (microcatheter) cannot advance to GC...
- However, if child catheter cannot pass the proximal cap or channel...
- However, if child catheter cannot be used...



## Case2: RCA CTO

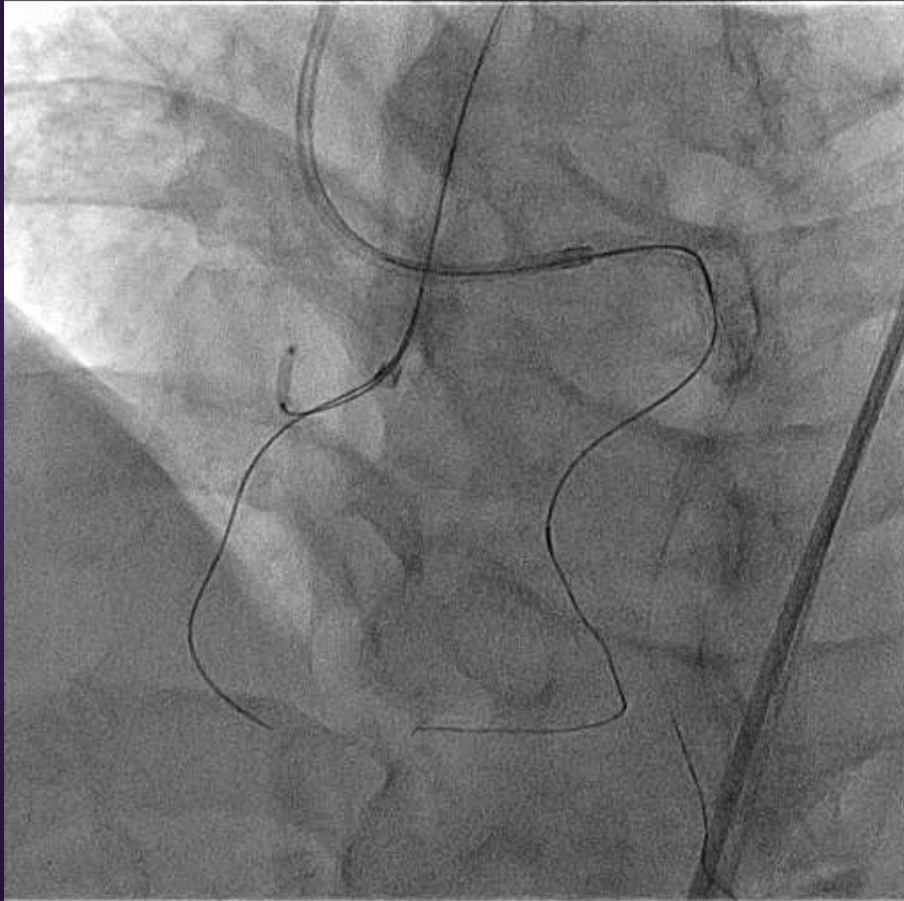


## Case2: RCA CTO

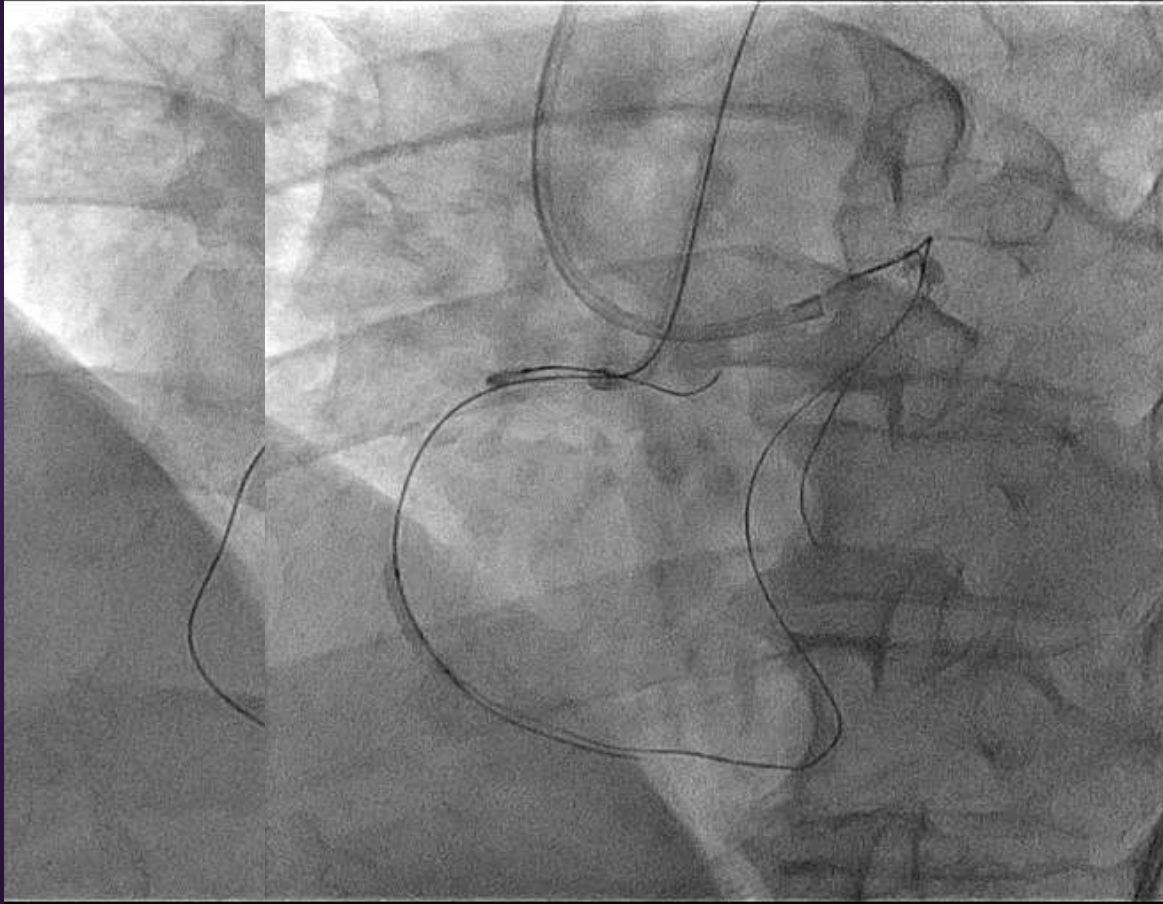




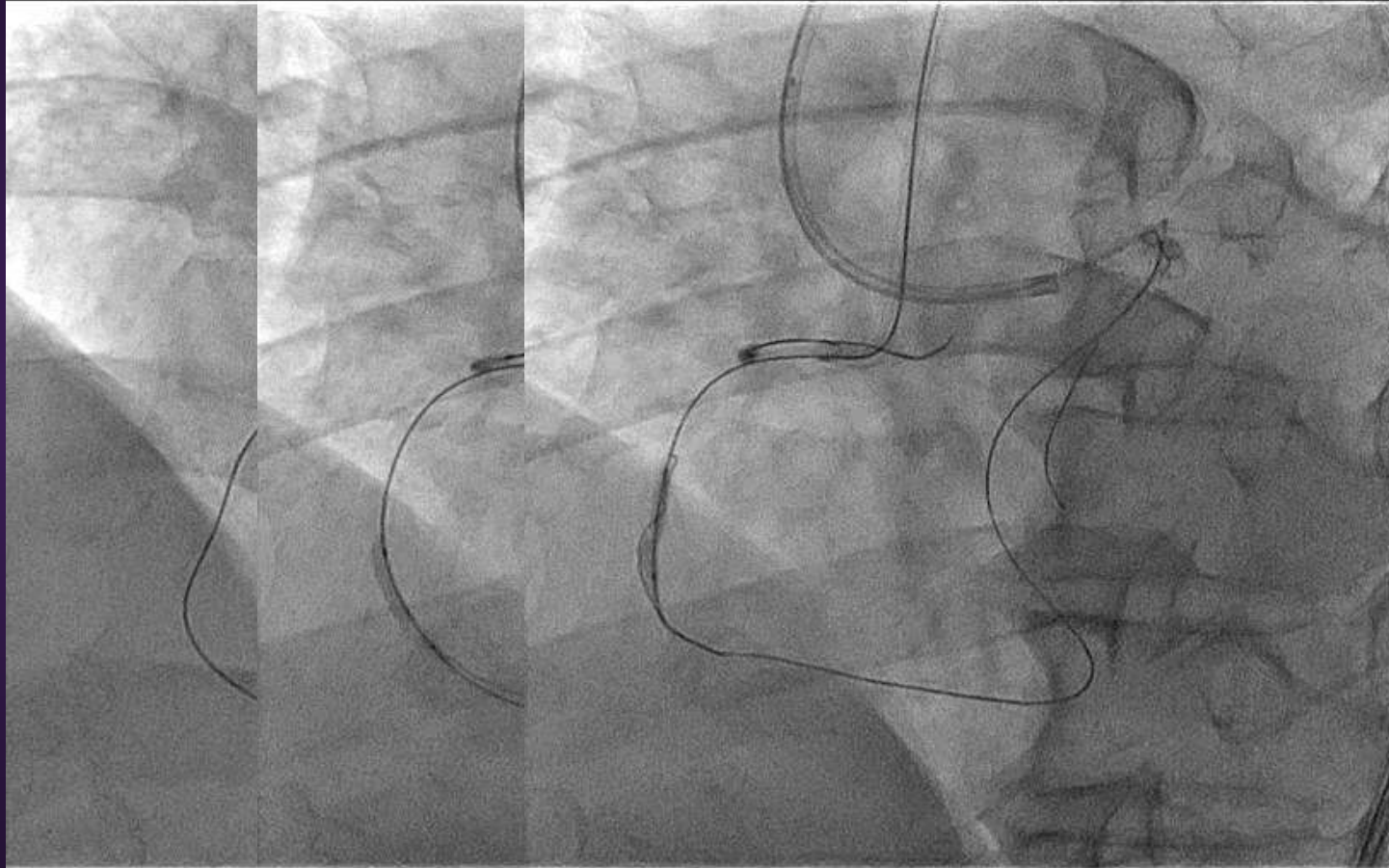
## Case2: RCA CTO



## Case2: RCA CTO

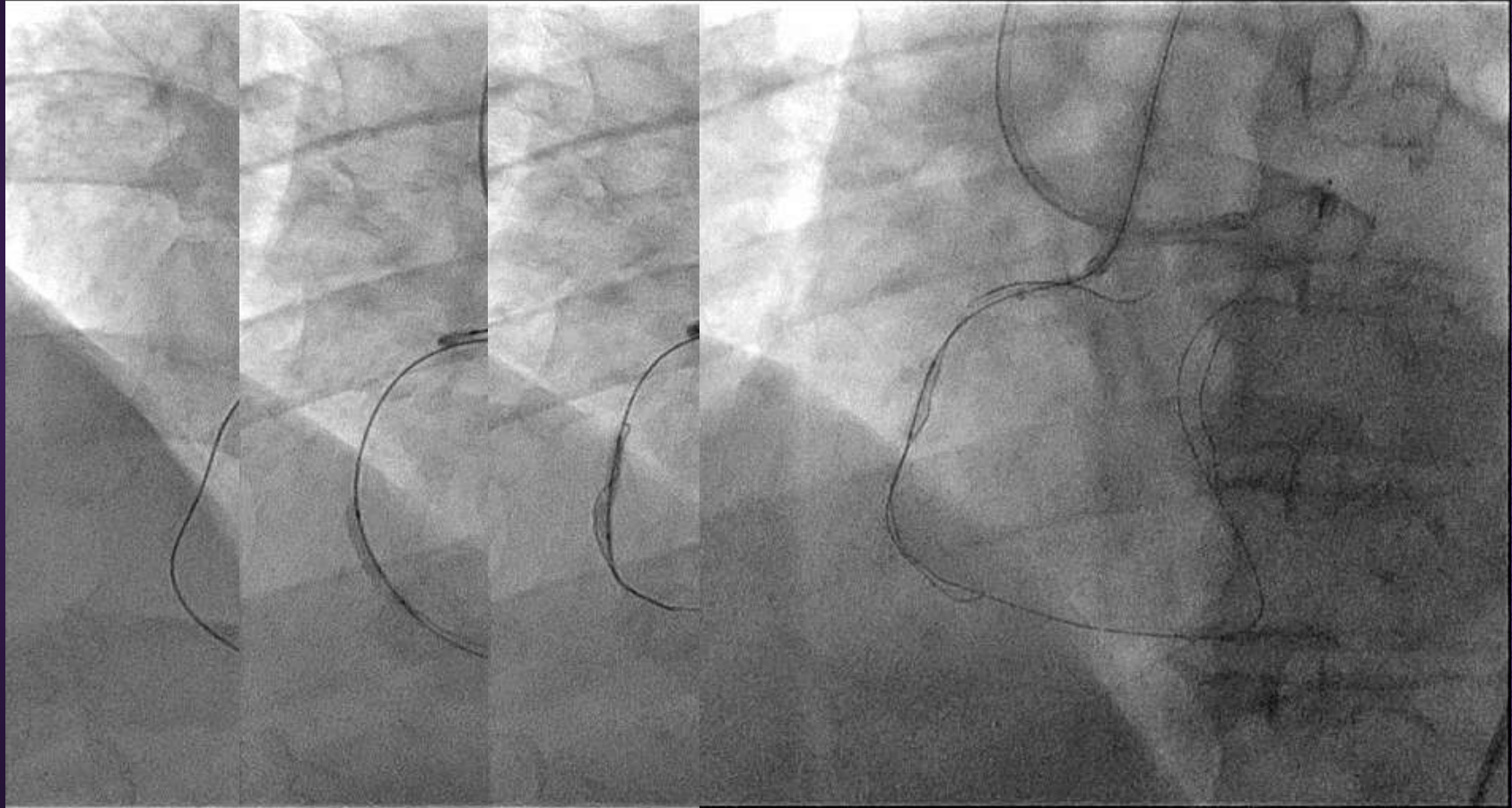


## Case2: RCA CTO

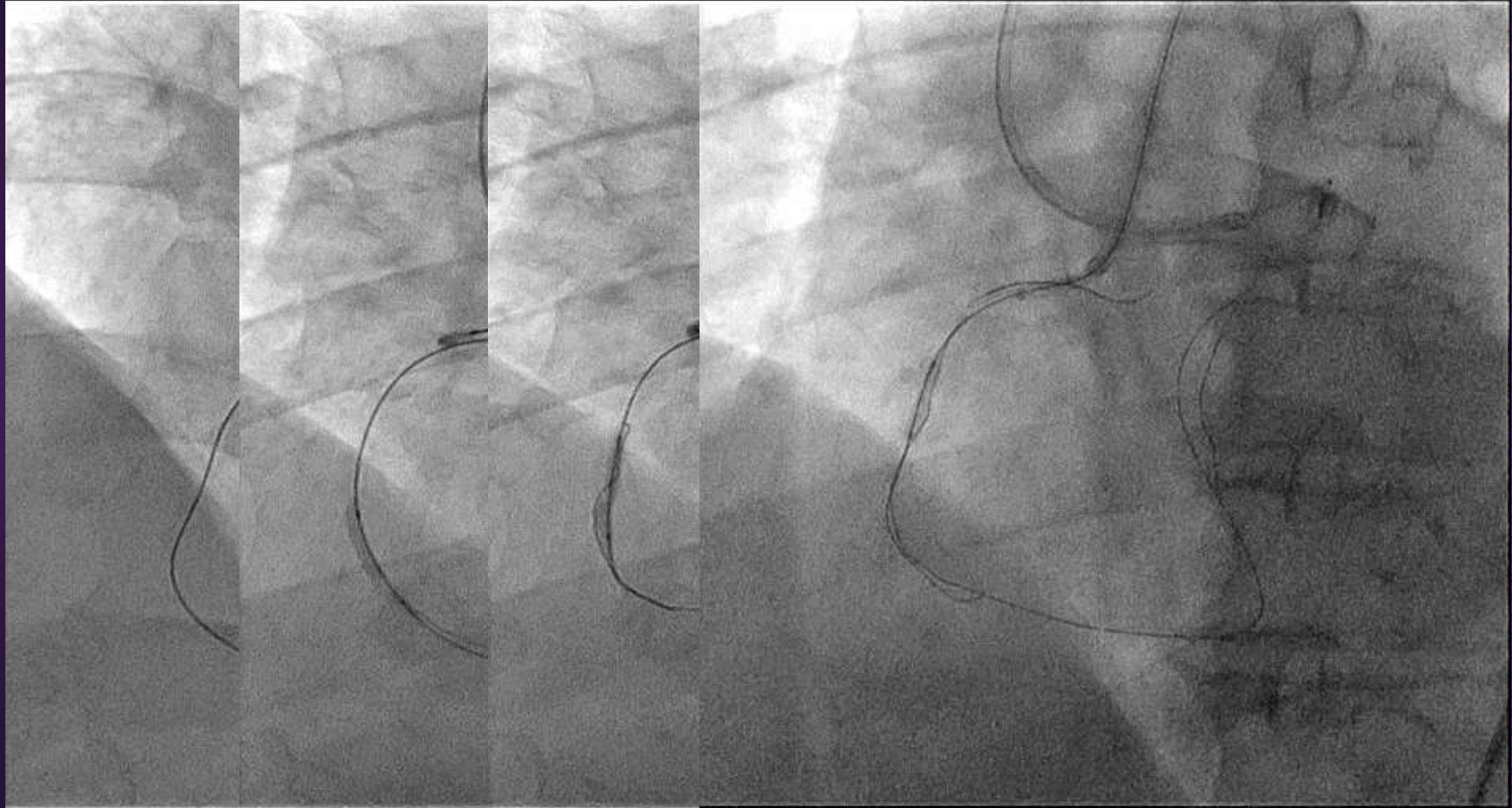




## Case2: RCA CTO

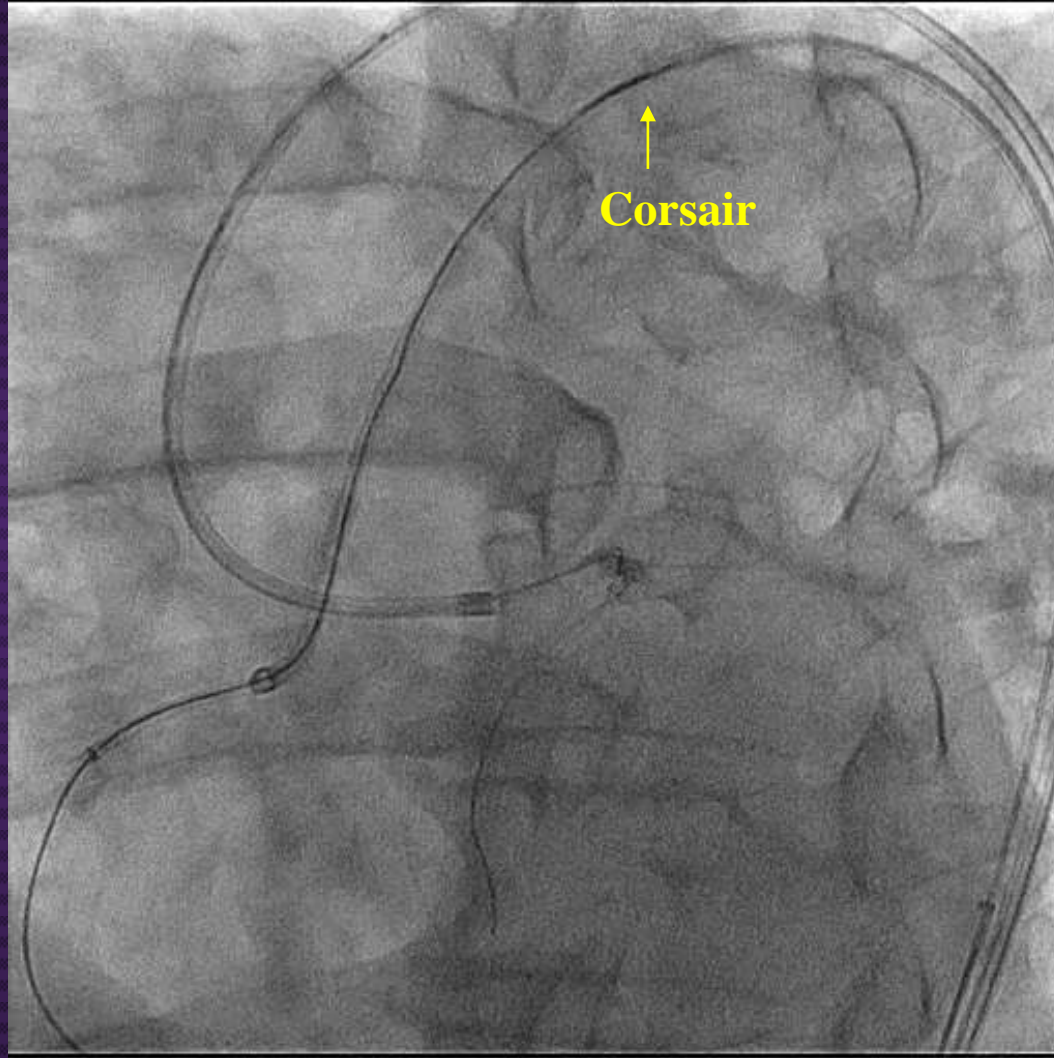


## Case2: RCA CTO



**Length of CARAVEL was too short...**

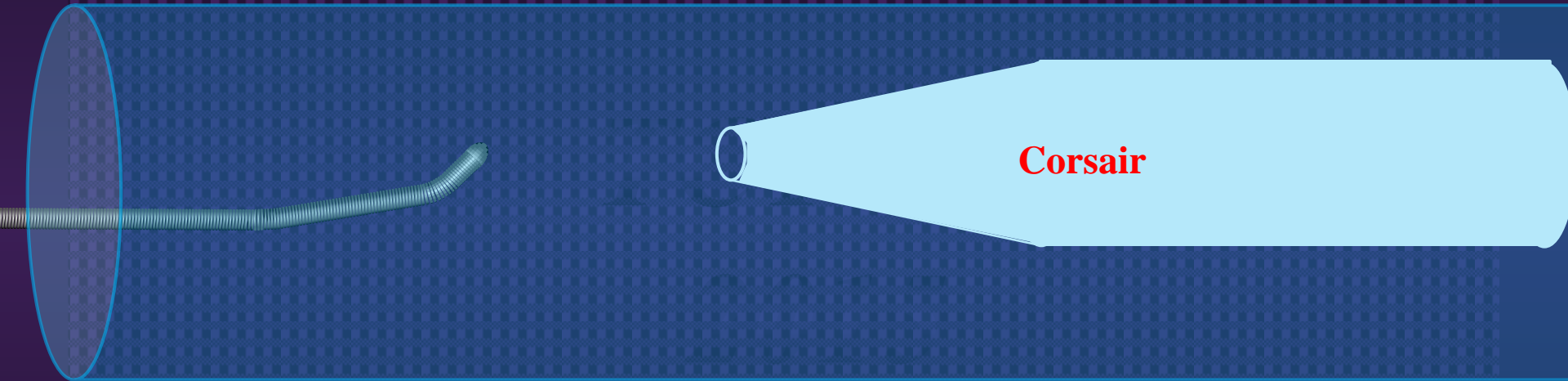
## Case2: RCA CTO



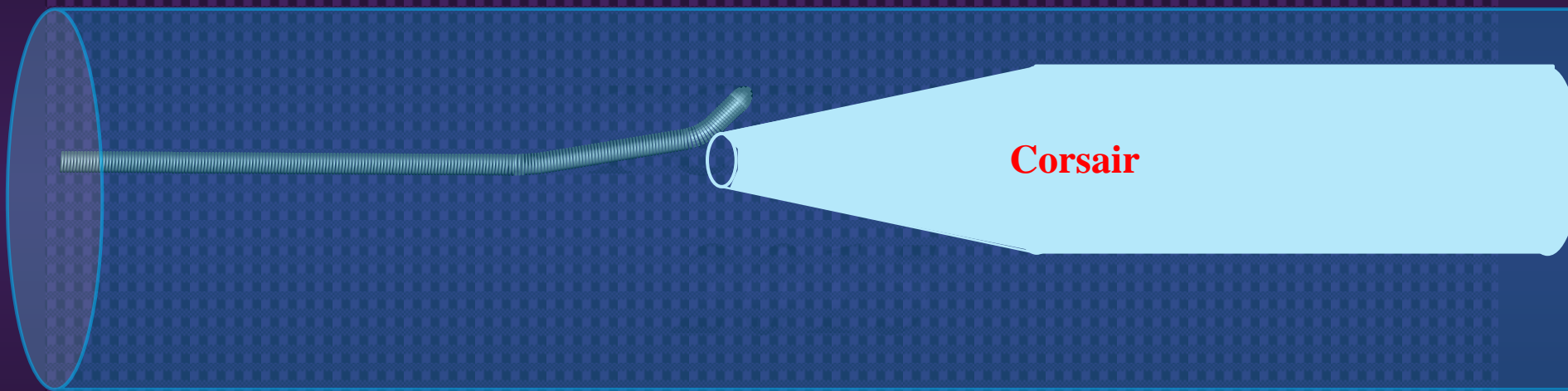
**Rendez-Vous between retrowire and antegrade Corsair at top of aortic arch**



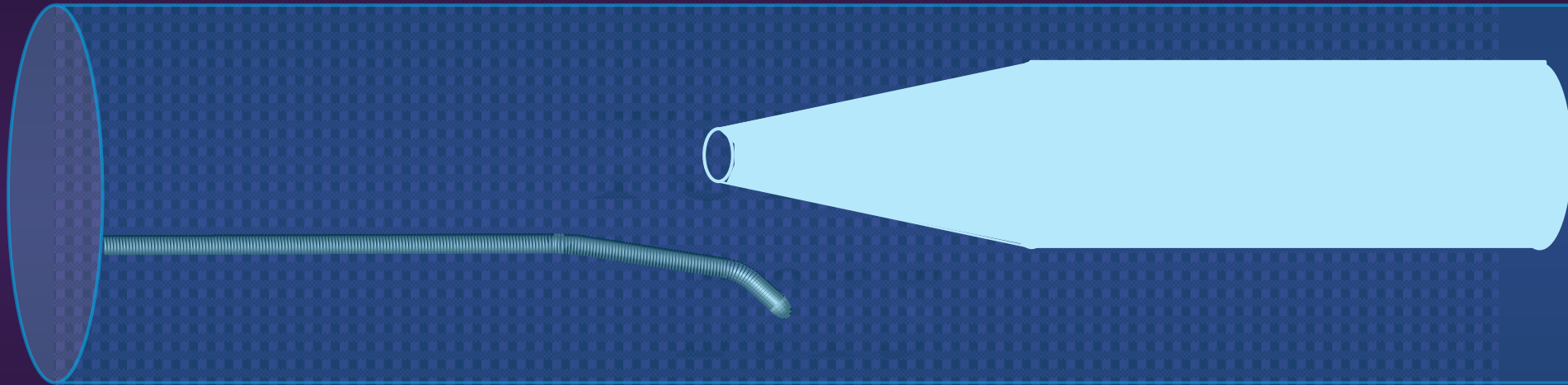
# Concept of Rendez-Vous technique in GC



# Concept of Rendez-Vous technique in GC



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# Concept of Rendez-Vous technique in GC



# Concept of Rendez-Vous technique in GC

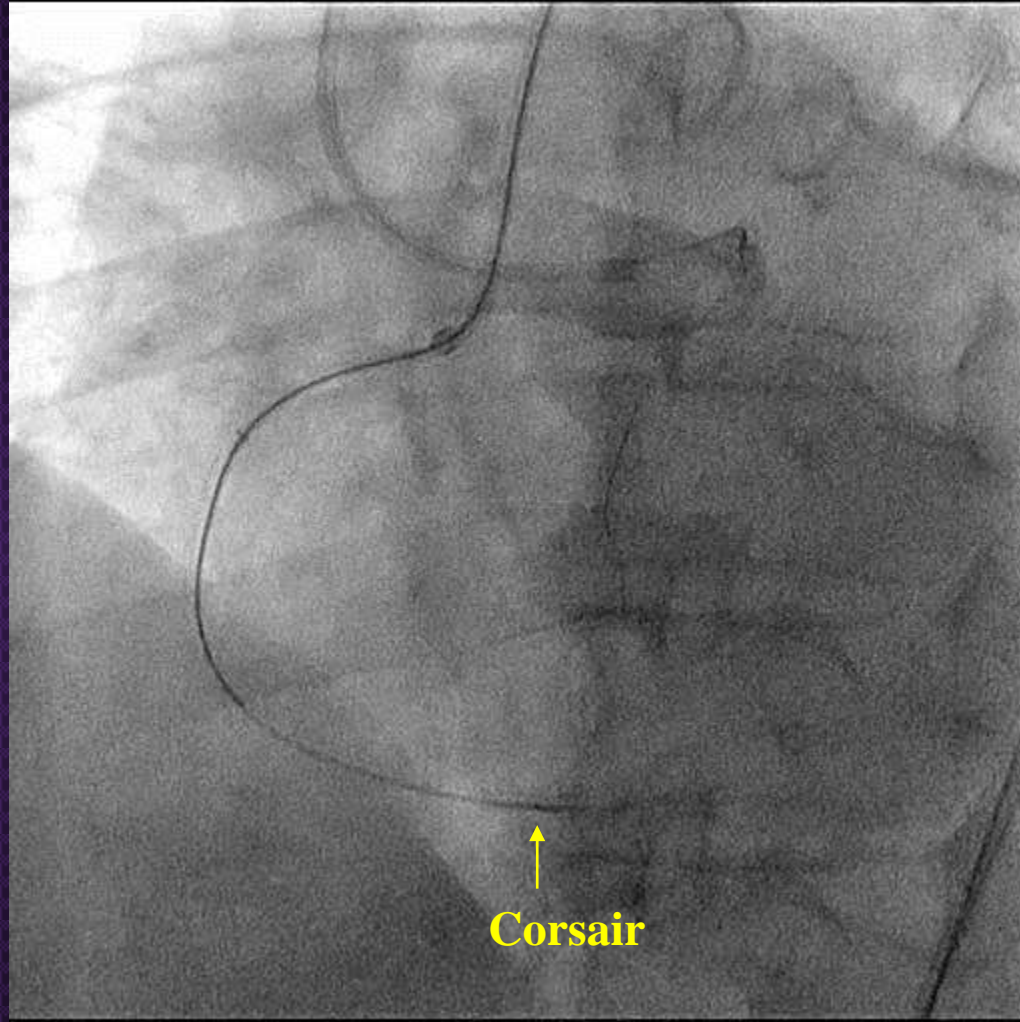


# Concept of Rendez-Vous technique in GC



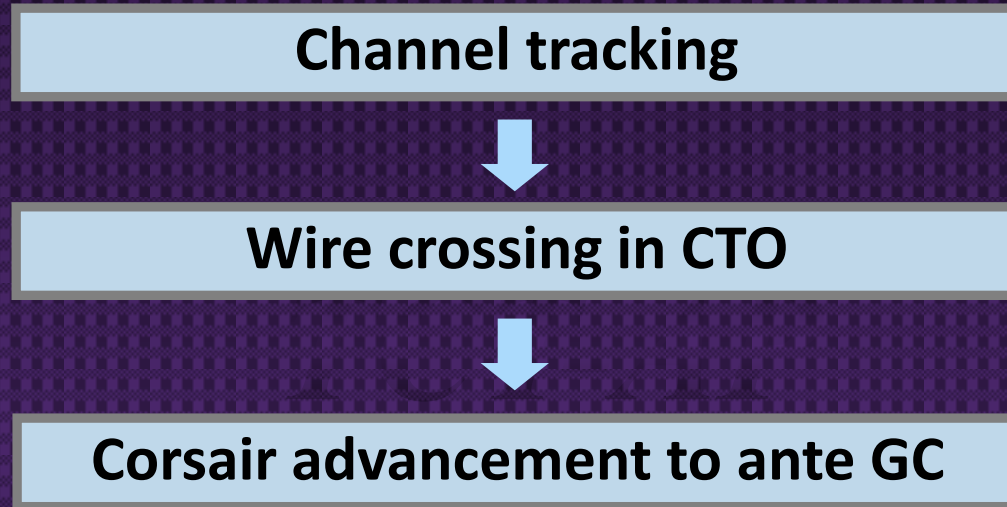


## Case2: RCA long CTO



**Antegrade Corsair could be advanced without strong back-up support**

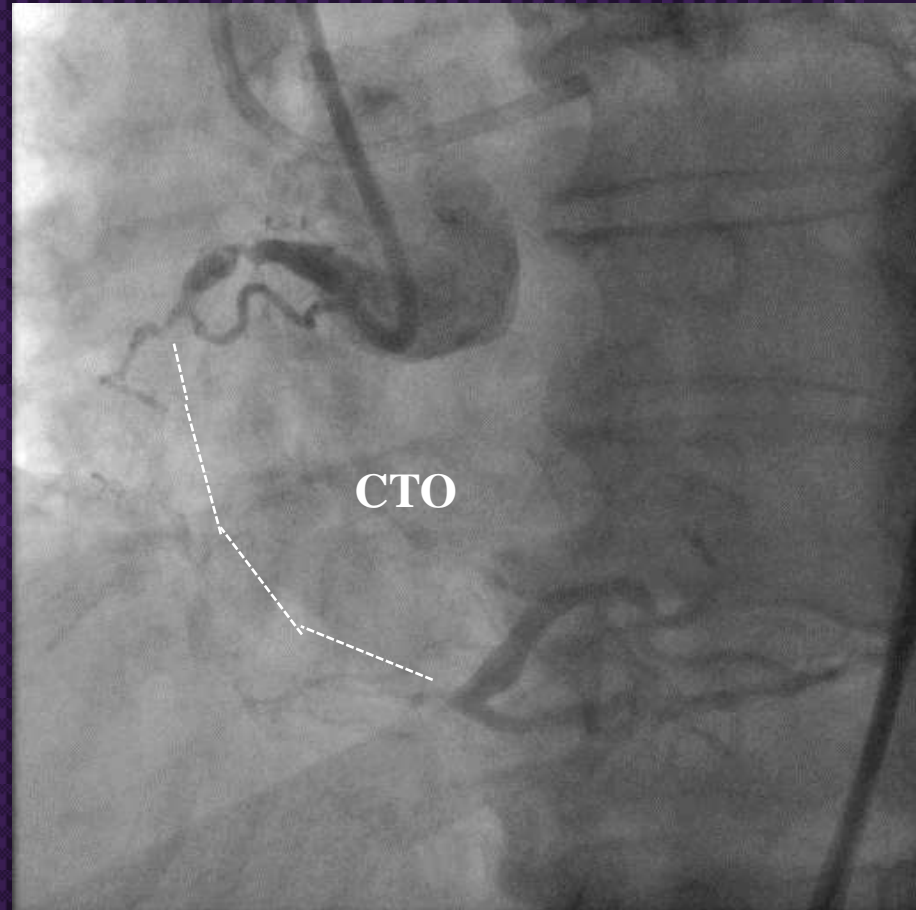
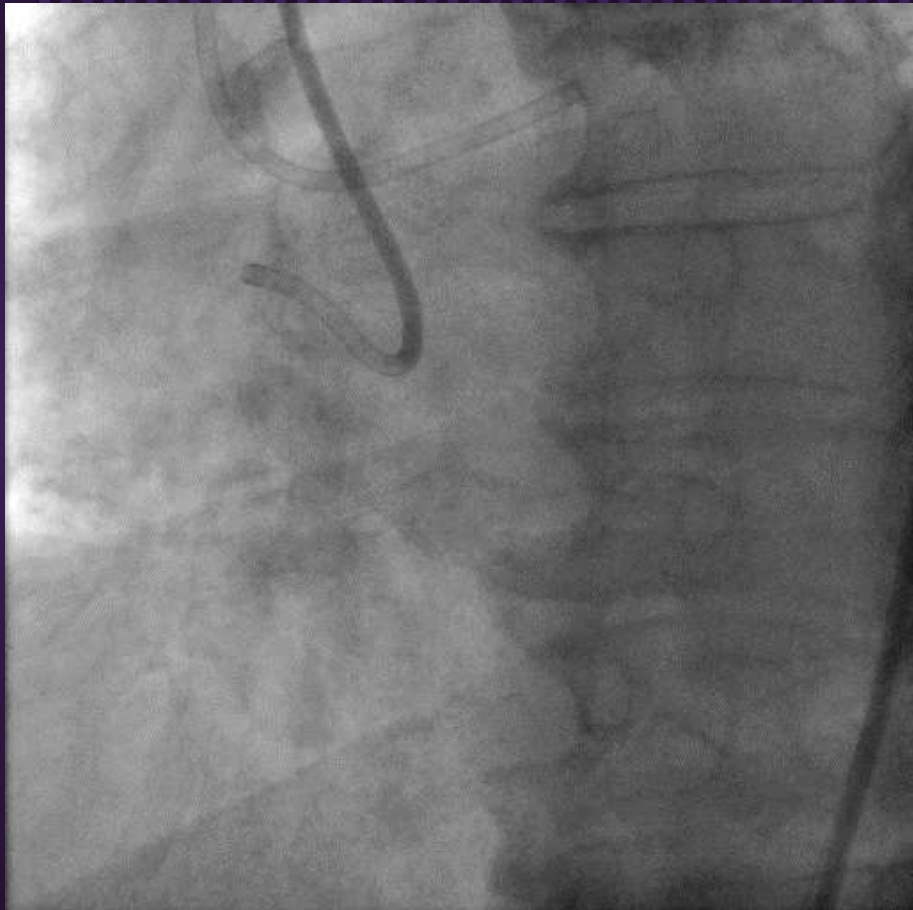
# Usual strategy in retrograde PCI



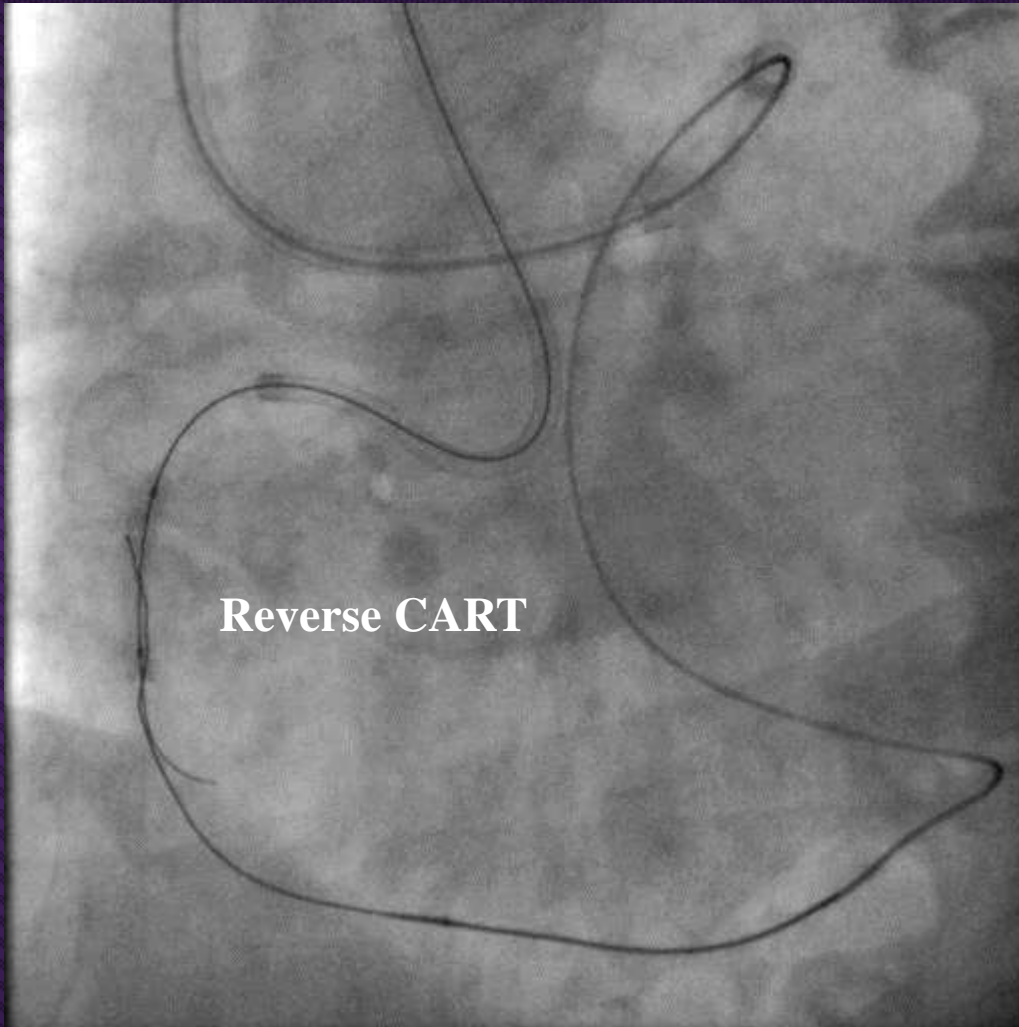
- However, if Corsair (microcatheter) cannot advance to GC...
- However, if child catheter cannot pass the proximal cap or channel...
- However, if child catheter cannot be used...

Rendez-Vous technique in GC

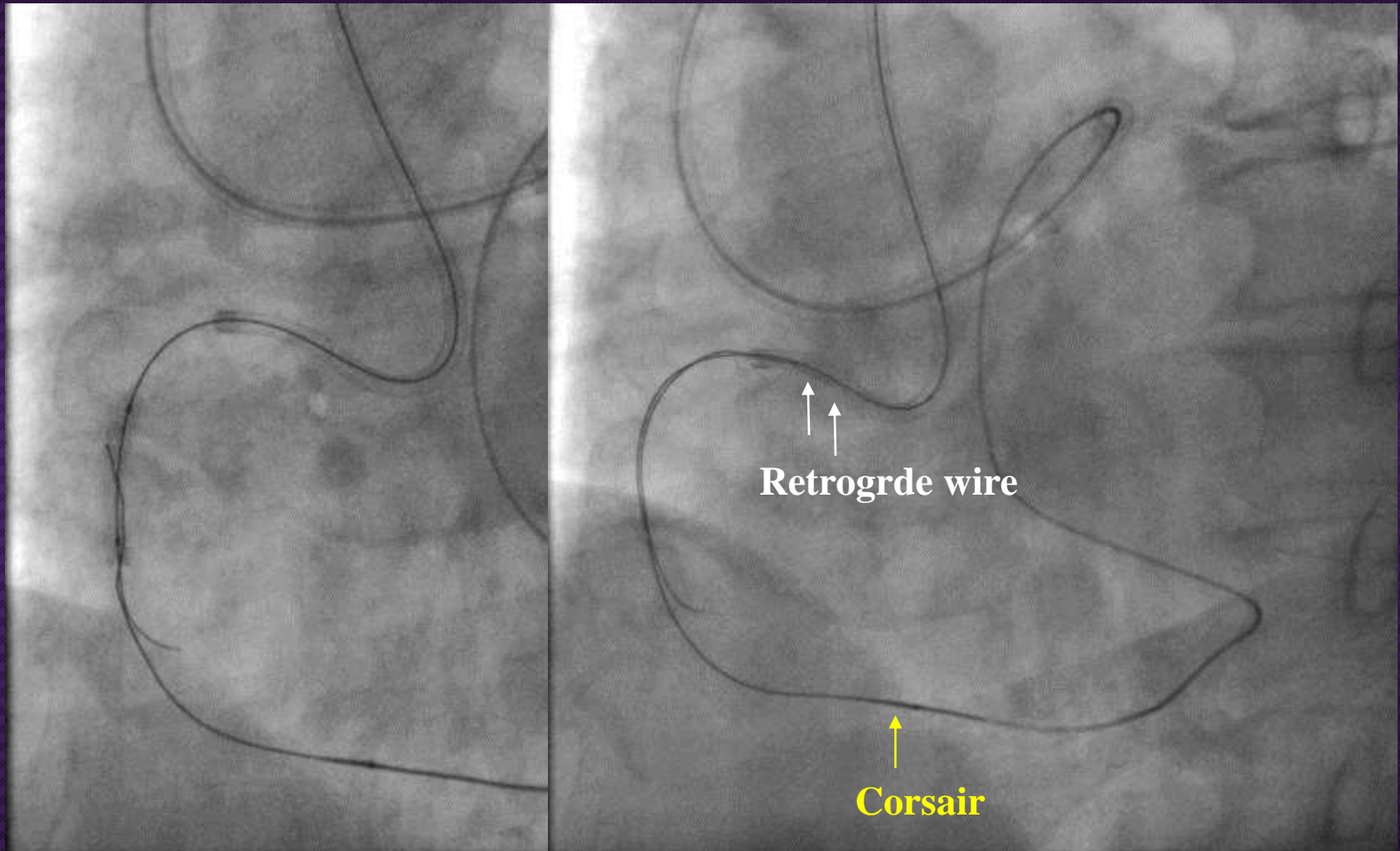
## Case3: Long CTO



## Case3: Long CTO

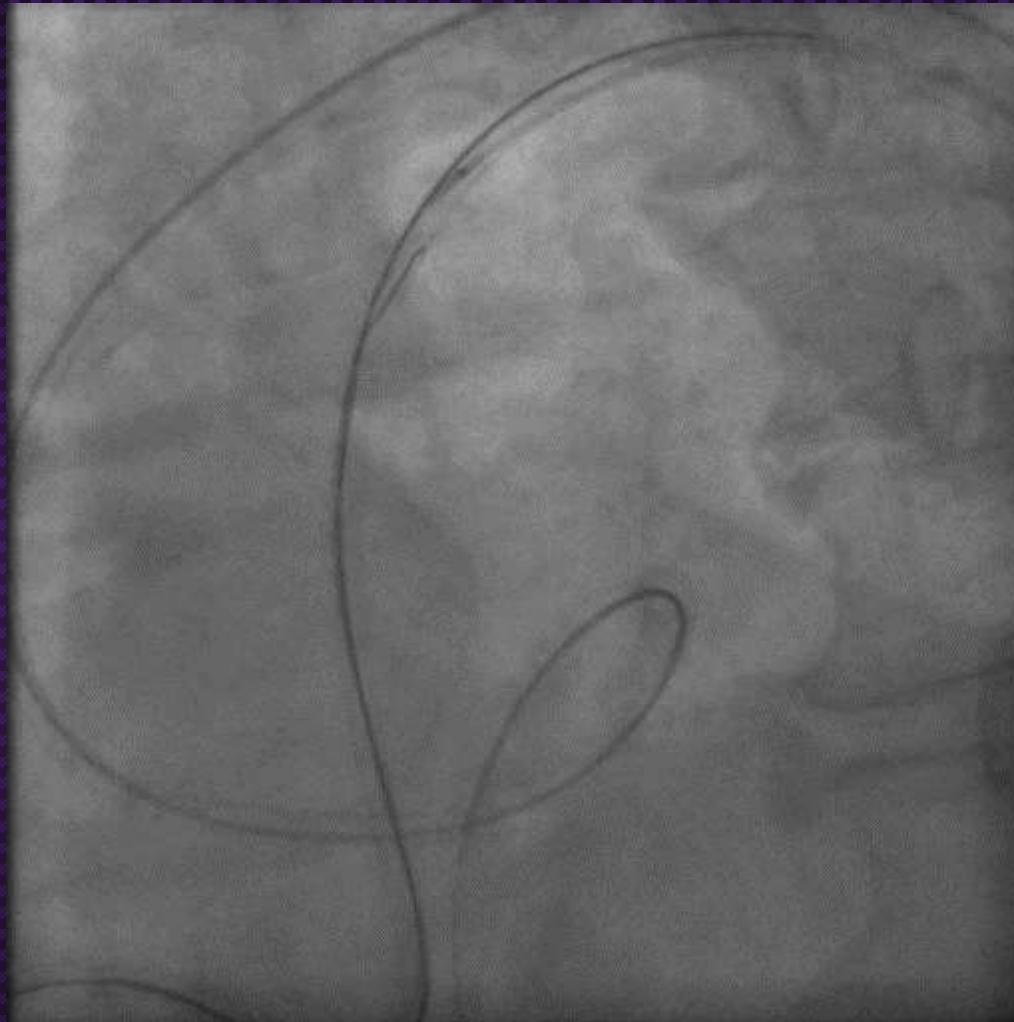


## Case3: Long CTO





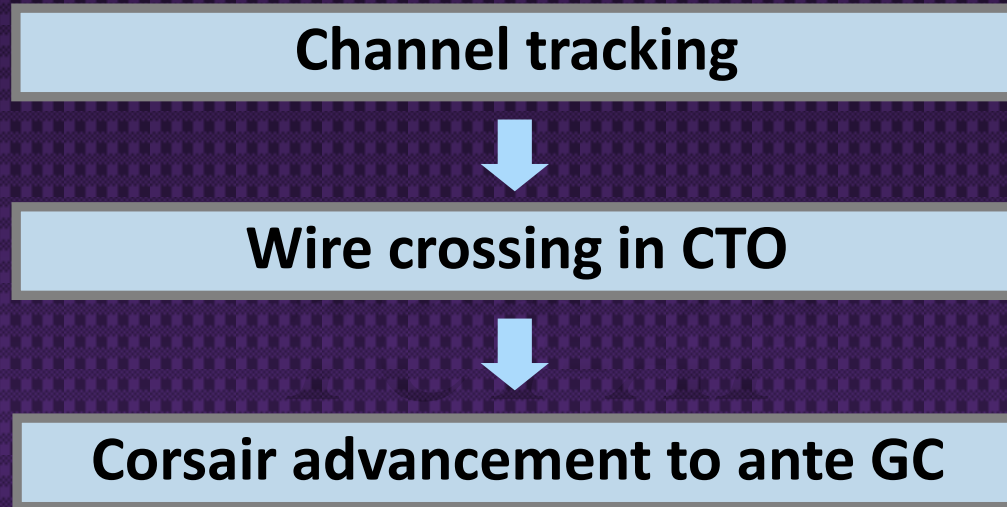
## Case3: Long CTO



**Rendez-Vous between retrowire and antegrade Corsair**



# Usual strategy in retrograde PCI

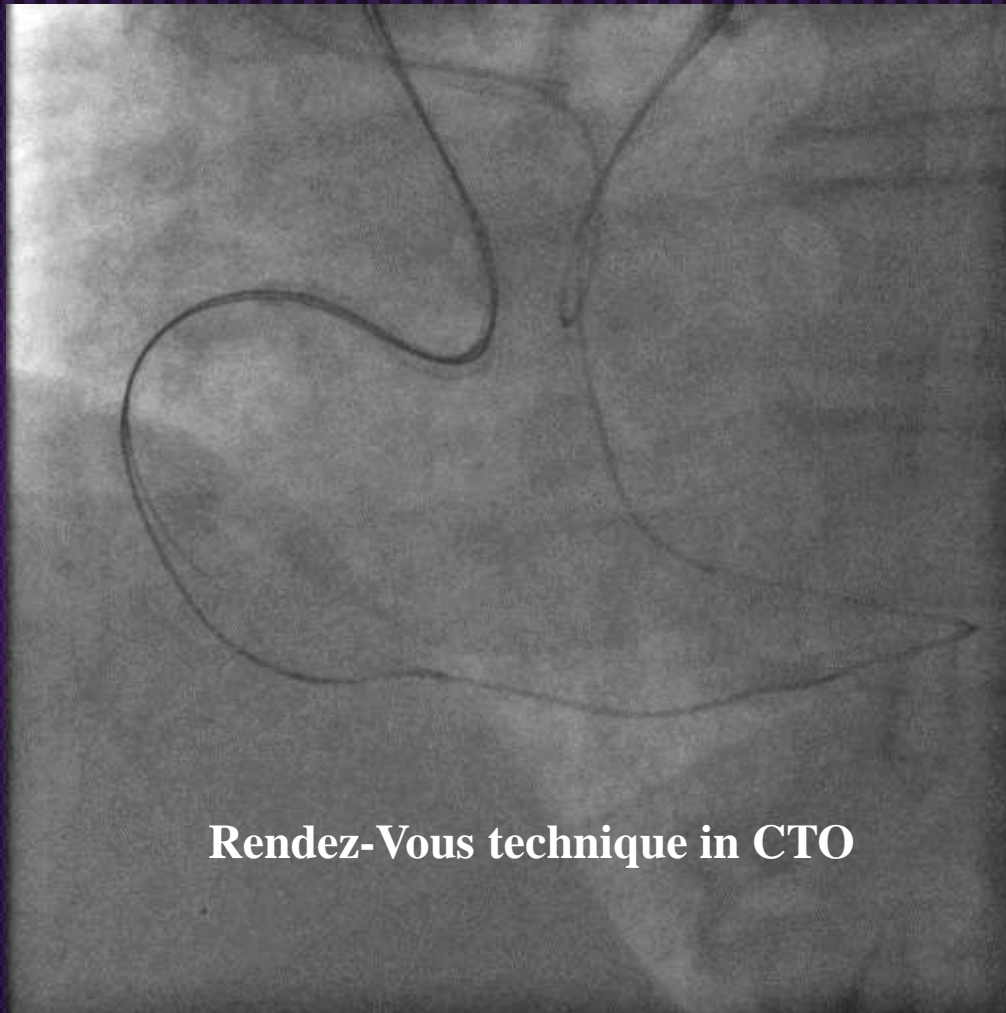


- However, if Corsair (microcatheter) cannot advance to GC...
- However, if child catheter cannot pass the proximal cap or channel...
- However, if child catheter cannot be used...

**Rendez-Vous technique in GC**

- However, antegrade Corsair could not always pass the CTO site...

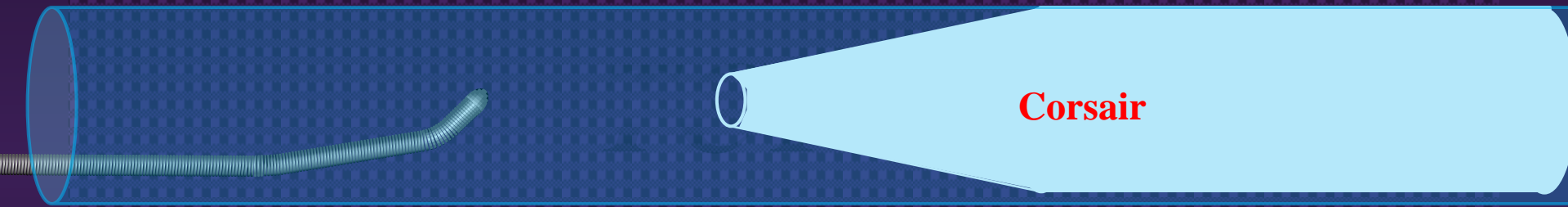
## Case3: Long CTO



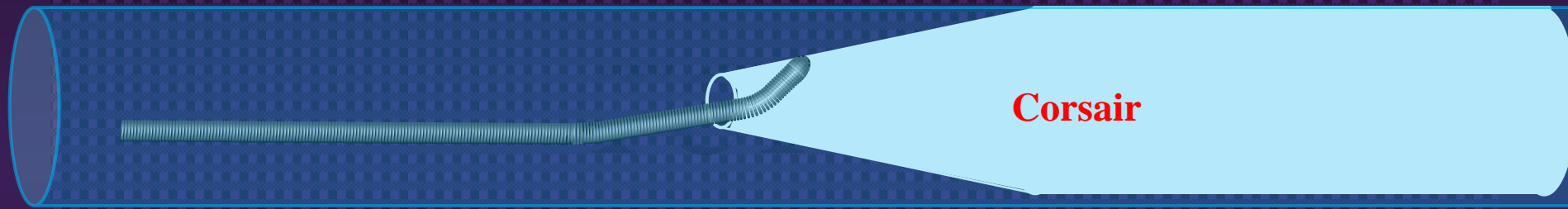
**Rendez-Vous technique in CTO**

**Rendez-Vous between antegrade wire and retrograde Corsair**

# Concept of Rendez-Vous technique in CTO



# Concept of Rendez-Vous technique in CTO





# Usual strategy in retrograde PCI

Channel tracking



Wire crossing in CTO



Corsair advancement to ante GC

- However, if Corsair (microcatheter) cannot advance to GC...
- However, if child catheter cannot pass the proximal cap or channel...
- However, if child catheter cannot be used...

Rendez-Vous technique in GC

- However, antegrade Corsair could not always pass the CTO site...

Rendez-Vous technique in CTO site

# Summary

- If retrograde Corsair (micro-catheter) cannot pass the CTO site...
  - Mother-child technique using by GuideLiner is 1<sup>st</sup> option to complete externalization.
- If mother-child technique cannot be used...
  - Rendez-Vous between retrowire and antegrade Corsair is 2<sup>nd</sup> option.

**Antegrade Corsair should be located at the top of aortic arch to make bias.**