

Intérêt des micro cathéters double lumière dans les CTO



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Clinique RHENA
STRASBOURG



Disclosures

- Consulting et Proctorship:
 - BIOTRONIK, BOSTON, ALVIMEDICA et TERUMO

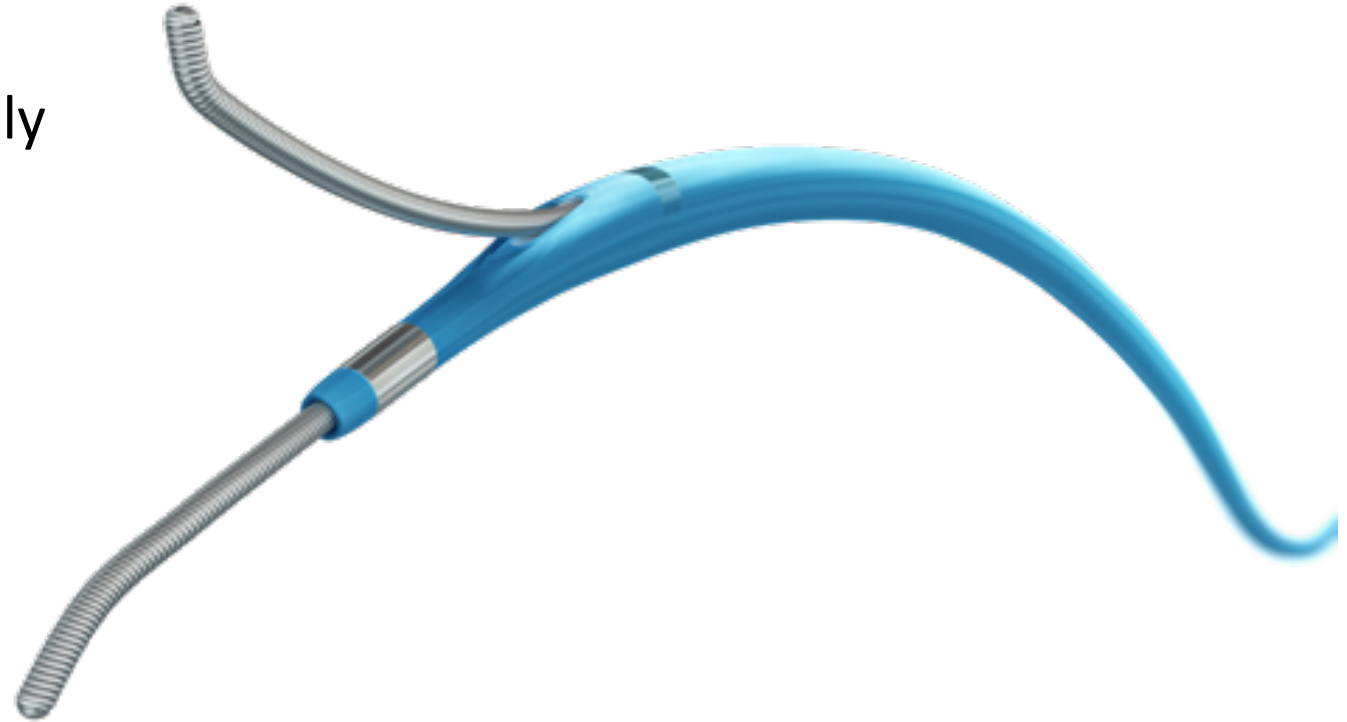
PLAN

- 1) Cathéter double lumière « classique »
- 2) Cathéter double lumière triple port: RECROSS

Dual lumen catheter



- Dual lumen:
 - Over the wire exits proximally
 - Monorail exits distally
- Use like a microcatheter
- Easy to use and to insert



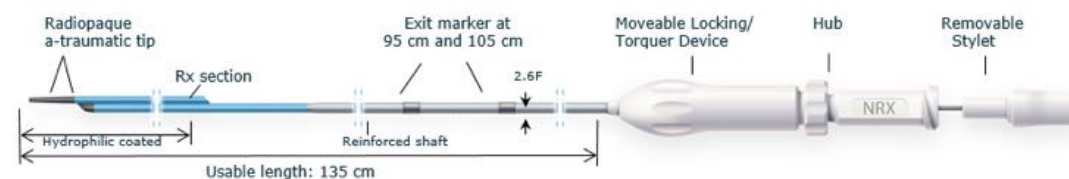


Twin-Pass® Dual Access Catheters

Twin-Pass® Torque Dual Access Catheter
Model 5201



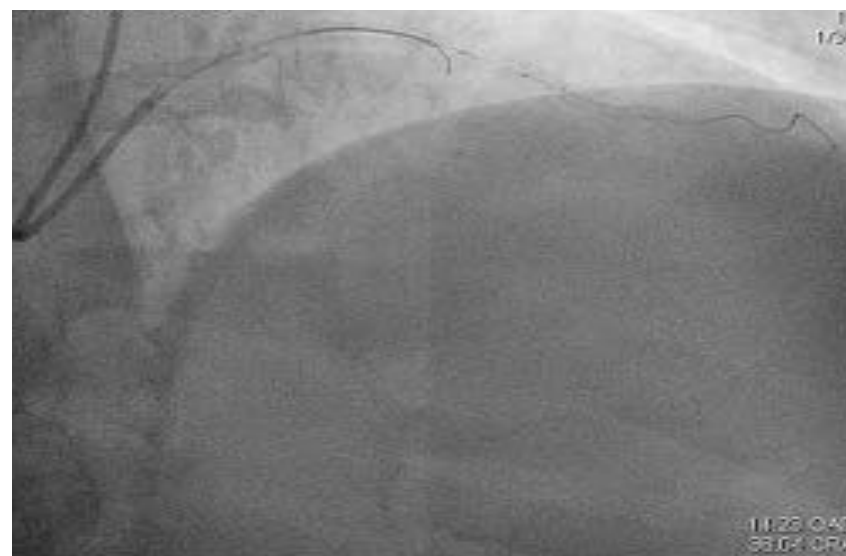
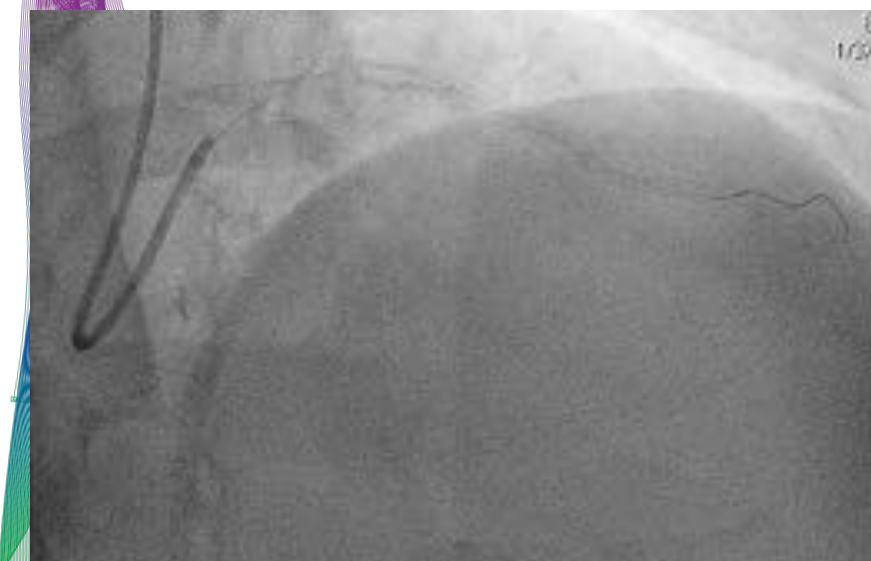
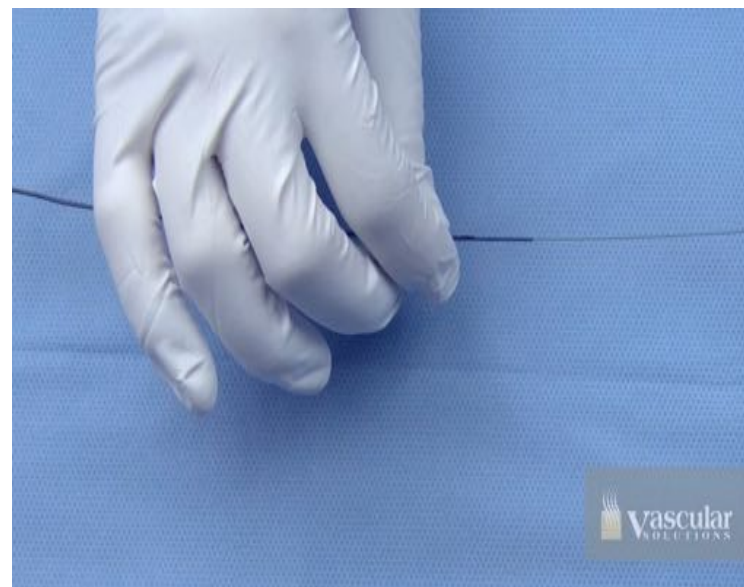
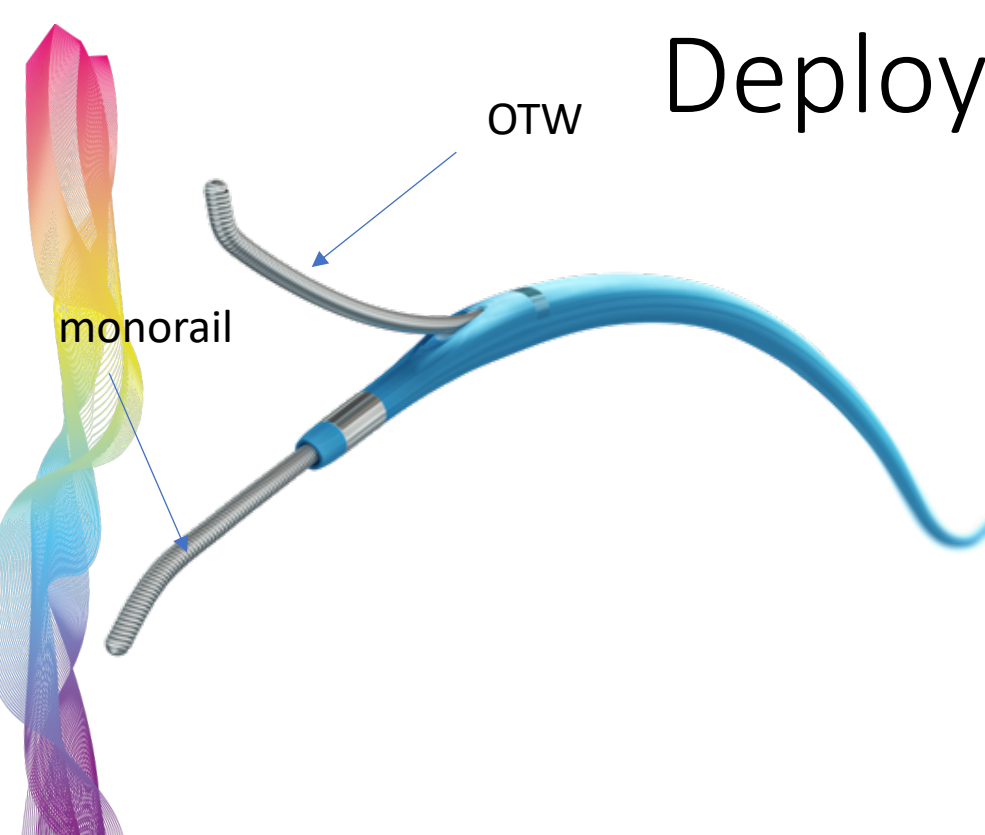
NHANCER RX – Dual Lumen Catheter



ASAHI SASUKE
Stability – Real Value to Your Procedure

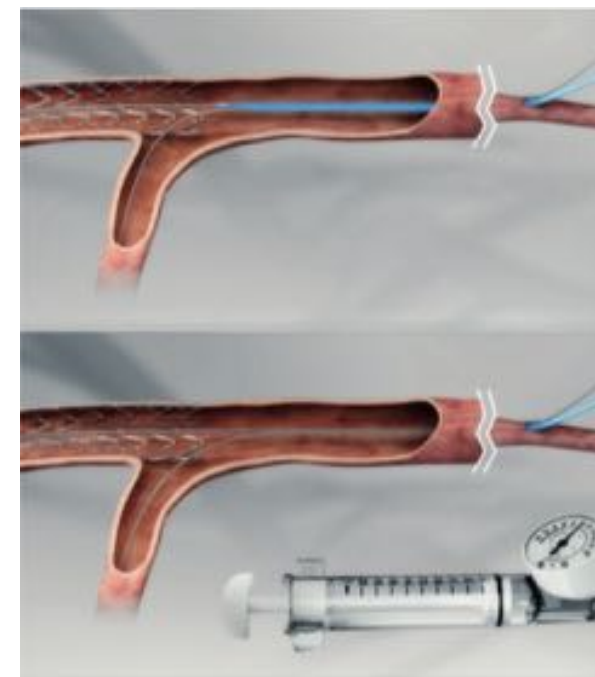
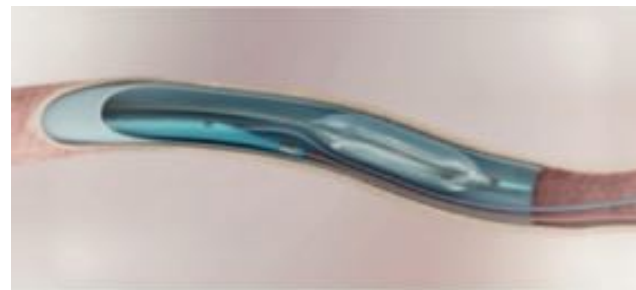


Deployment procedure



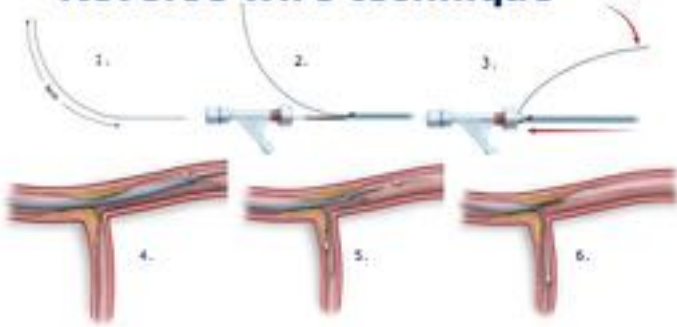
Removal procedure

- Trapping:
 - 7F for Fineduo and Twin-Pass
 - 6F for Nhancer RX
- Nanto method:
 - block the monorail wire and remove the OTW
 - Inflator connected with the OTW
 - The wire doesn't move due to the pressure
- With extension of wire

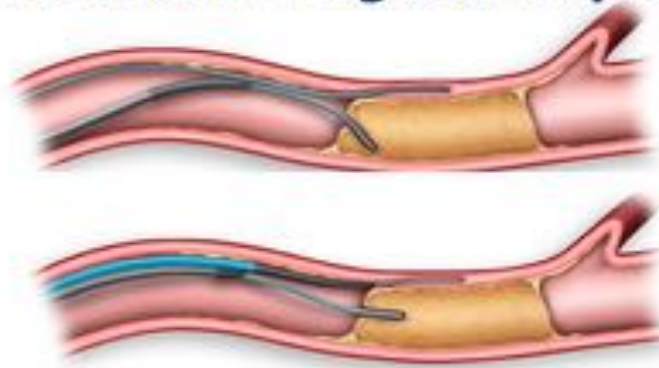


Indications

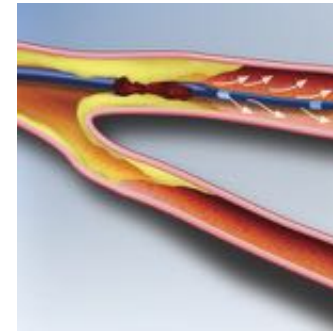
Reverse wire technique



Parallel wiring technique



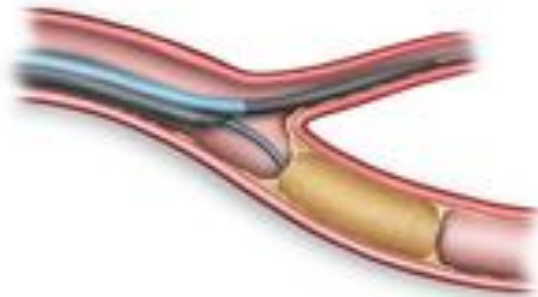
Distal injection



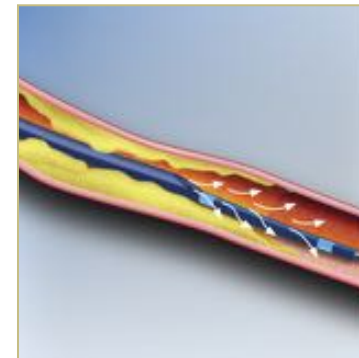
Wiring acute angulated bifurcations



Bifurcation CTO wiring

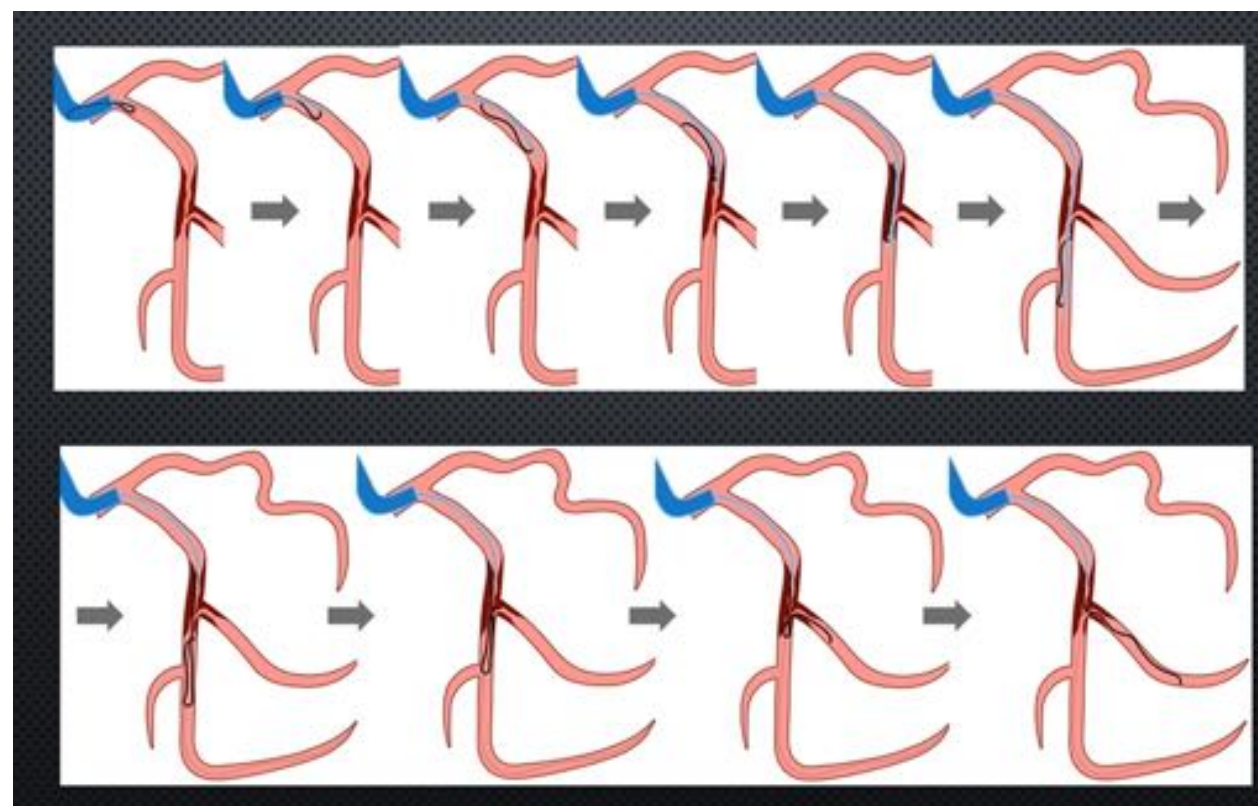
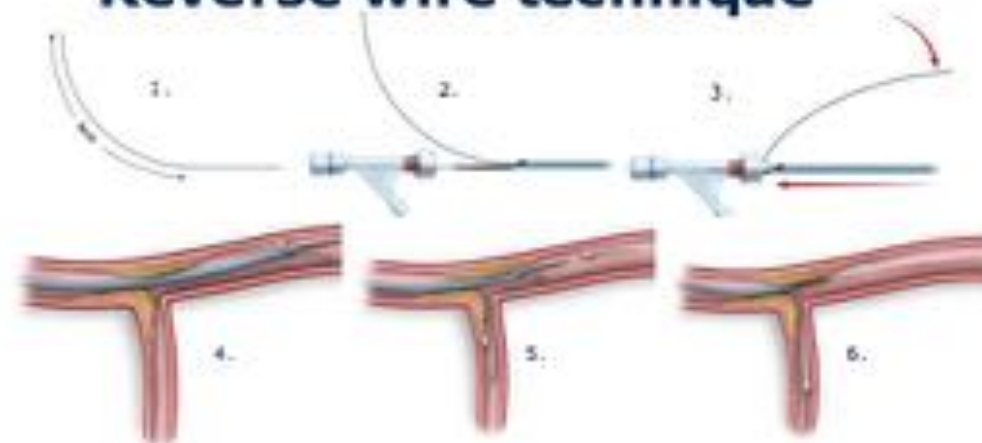


Injection wire true lumen

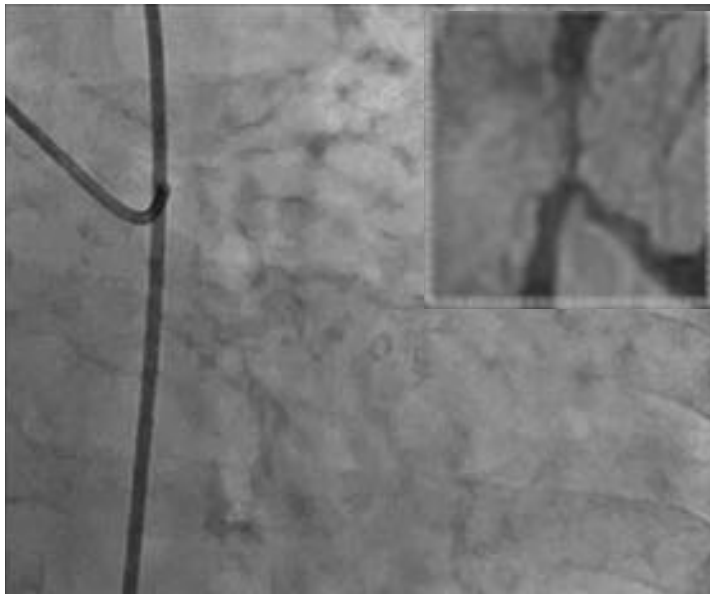


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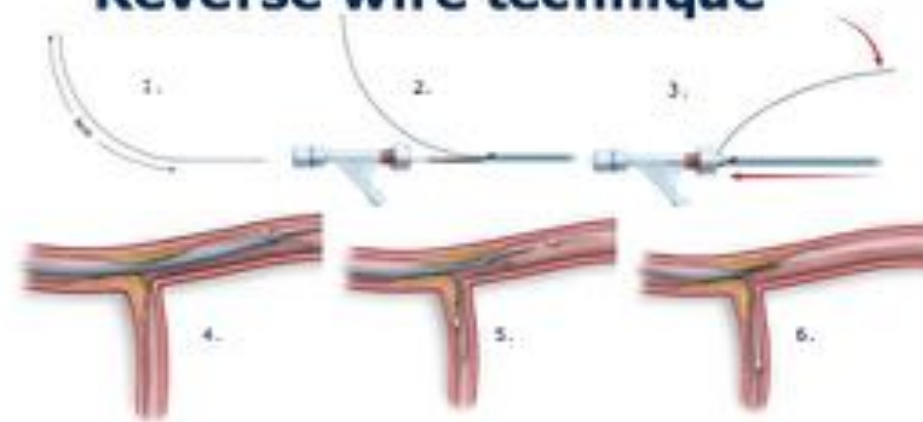
Reverse wire technique



1



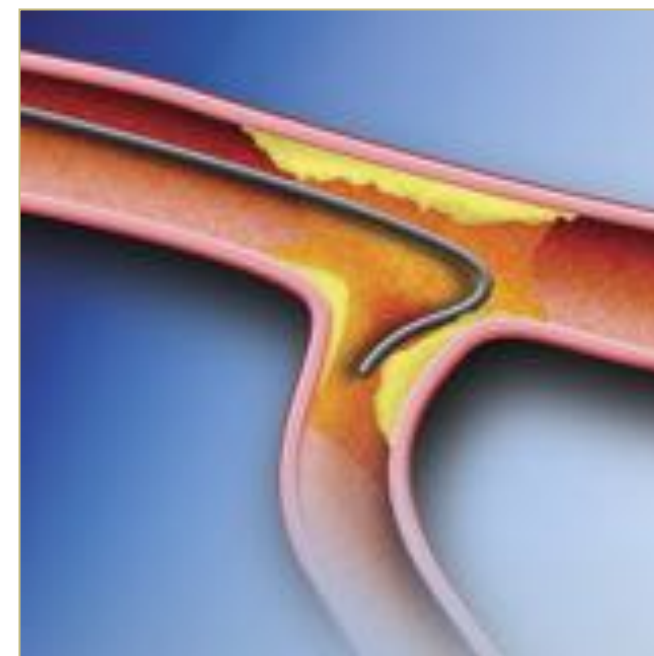
Reverse wire technique

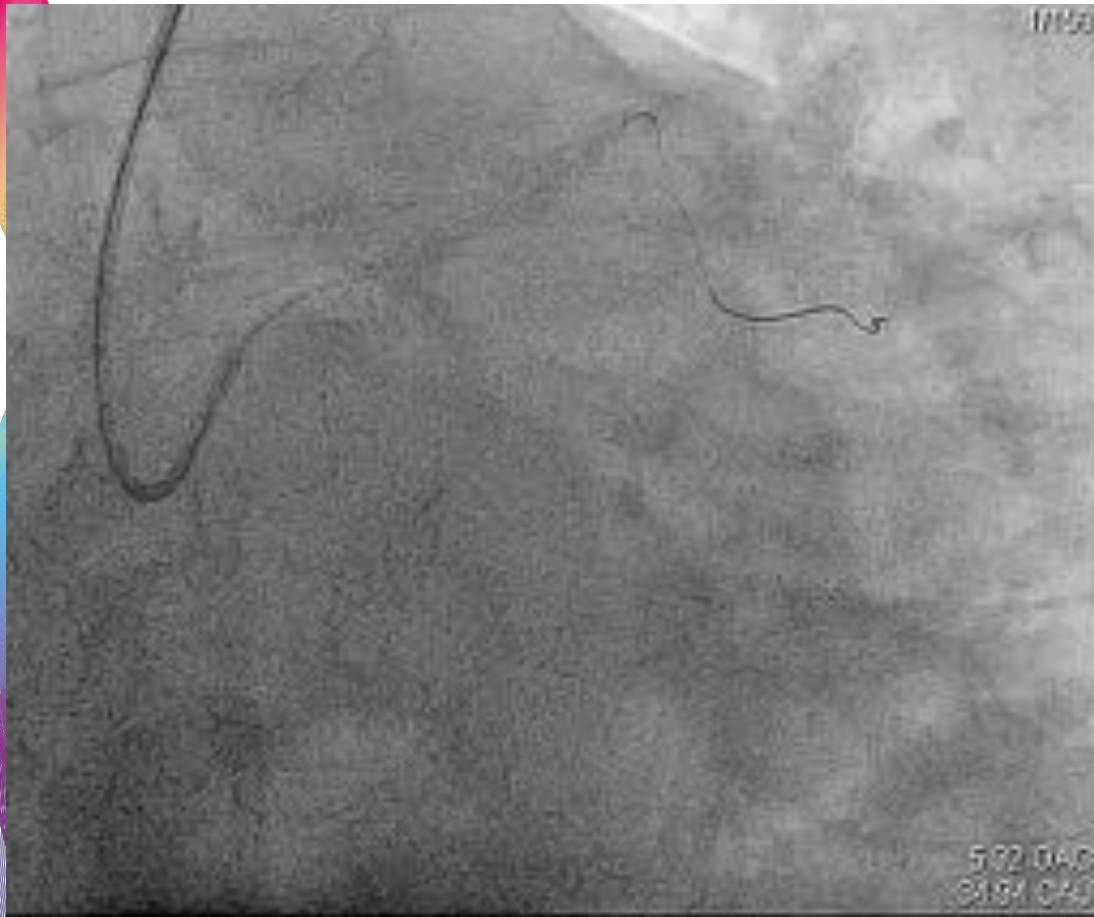


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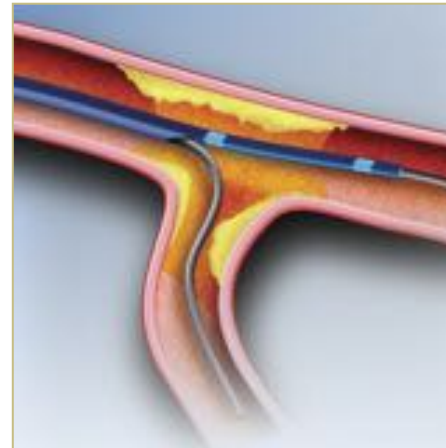
Wiring acute angulated bifurcations

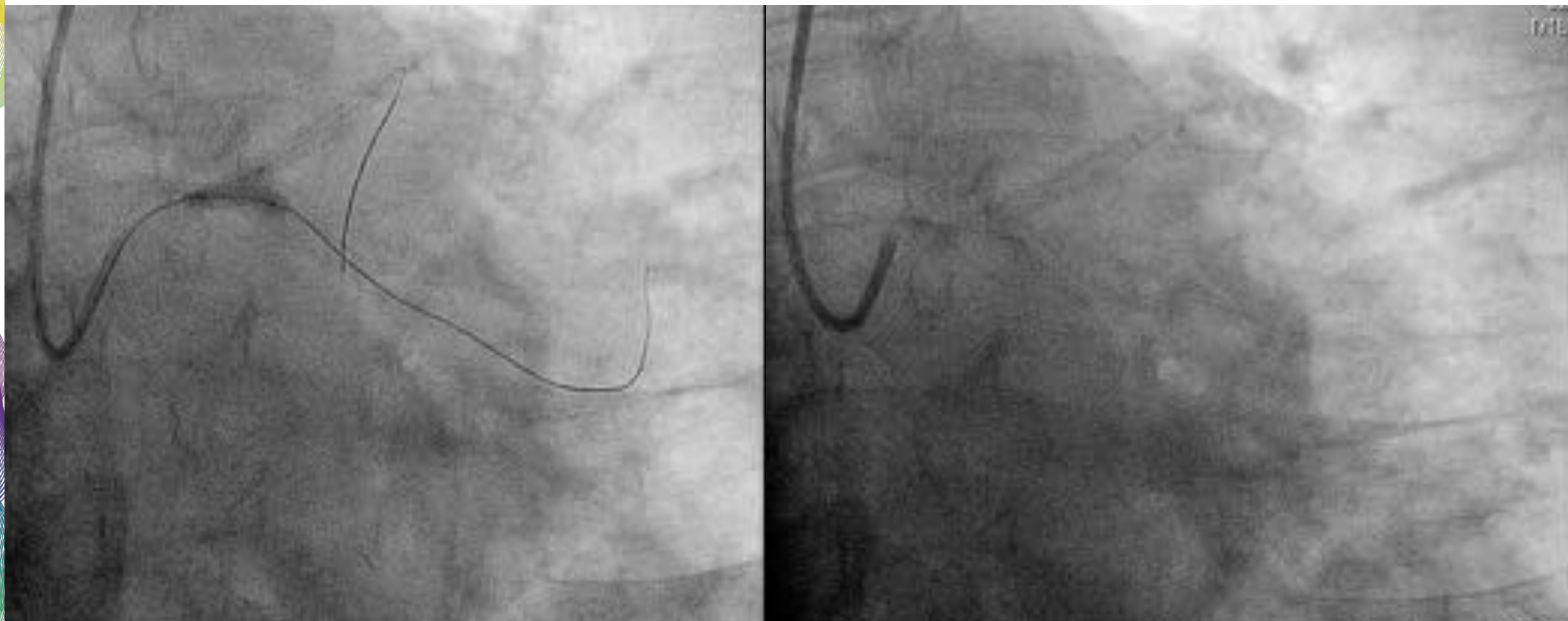




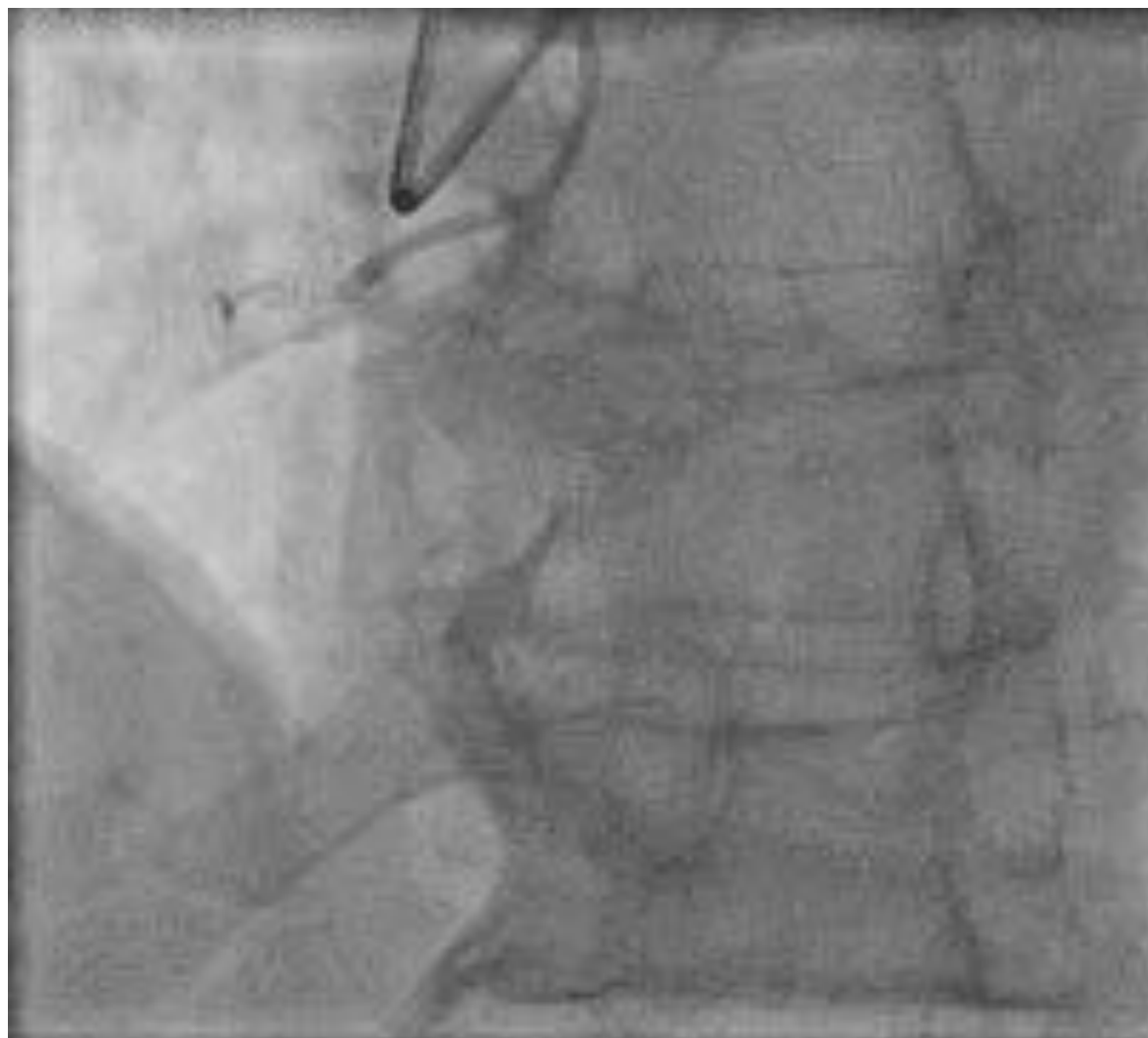


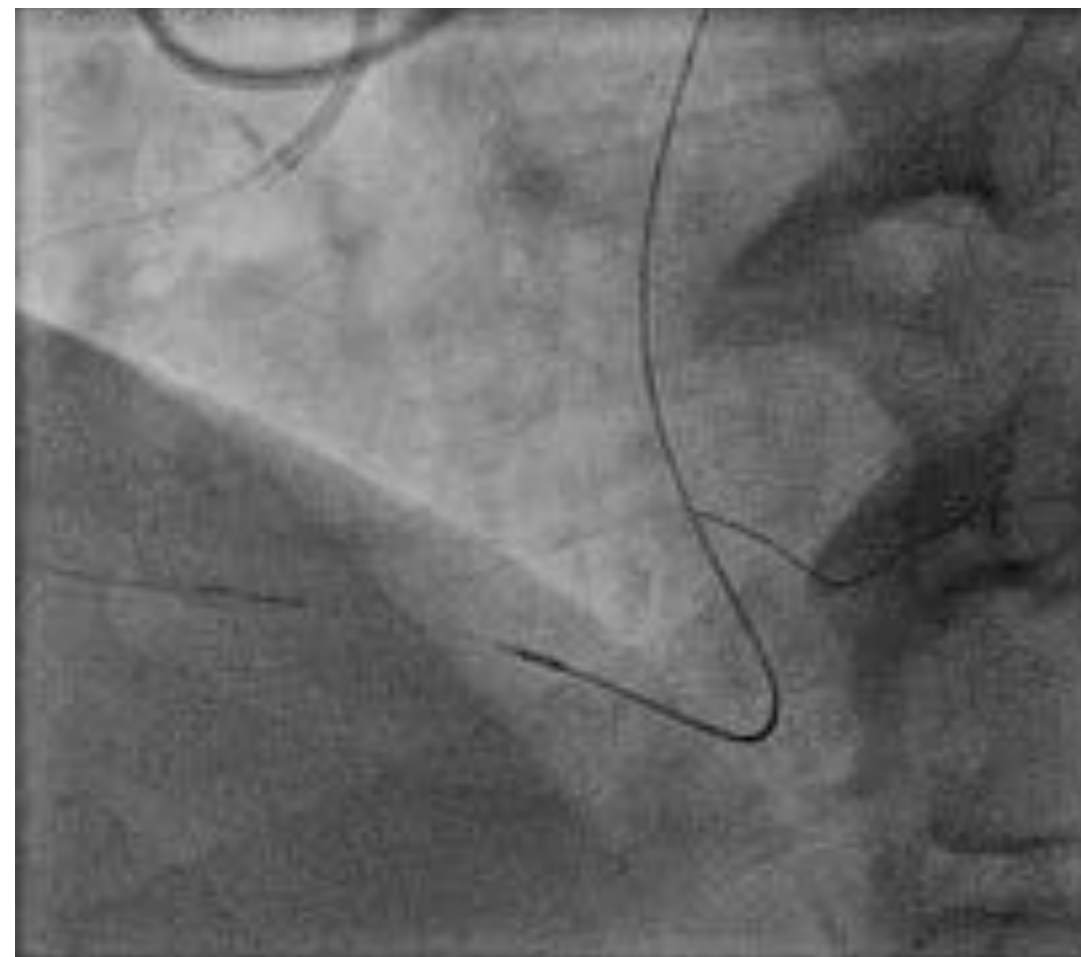
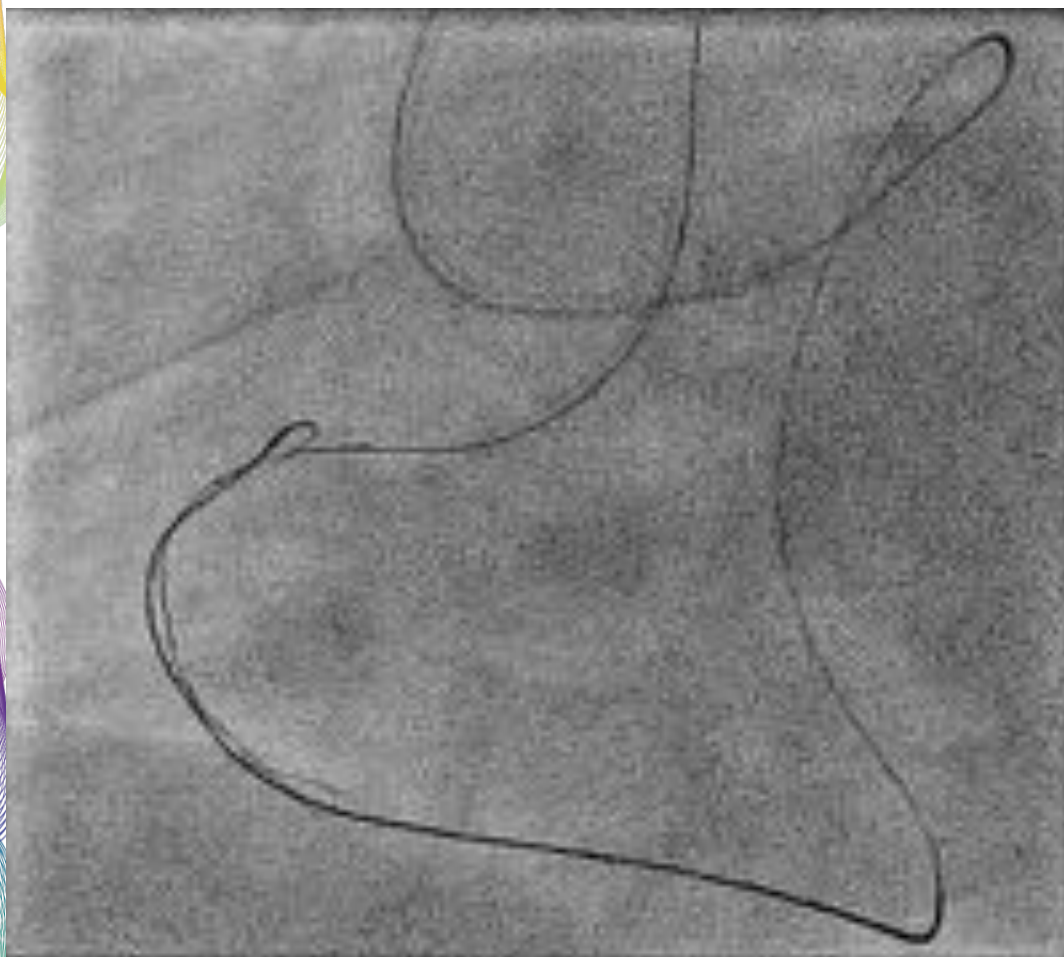
Facilitate access to lateral branch

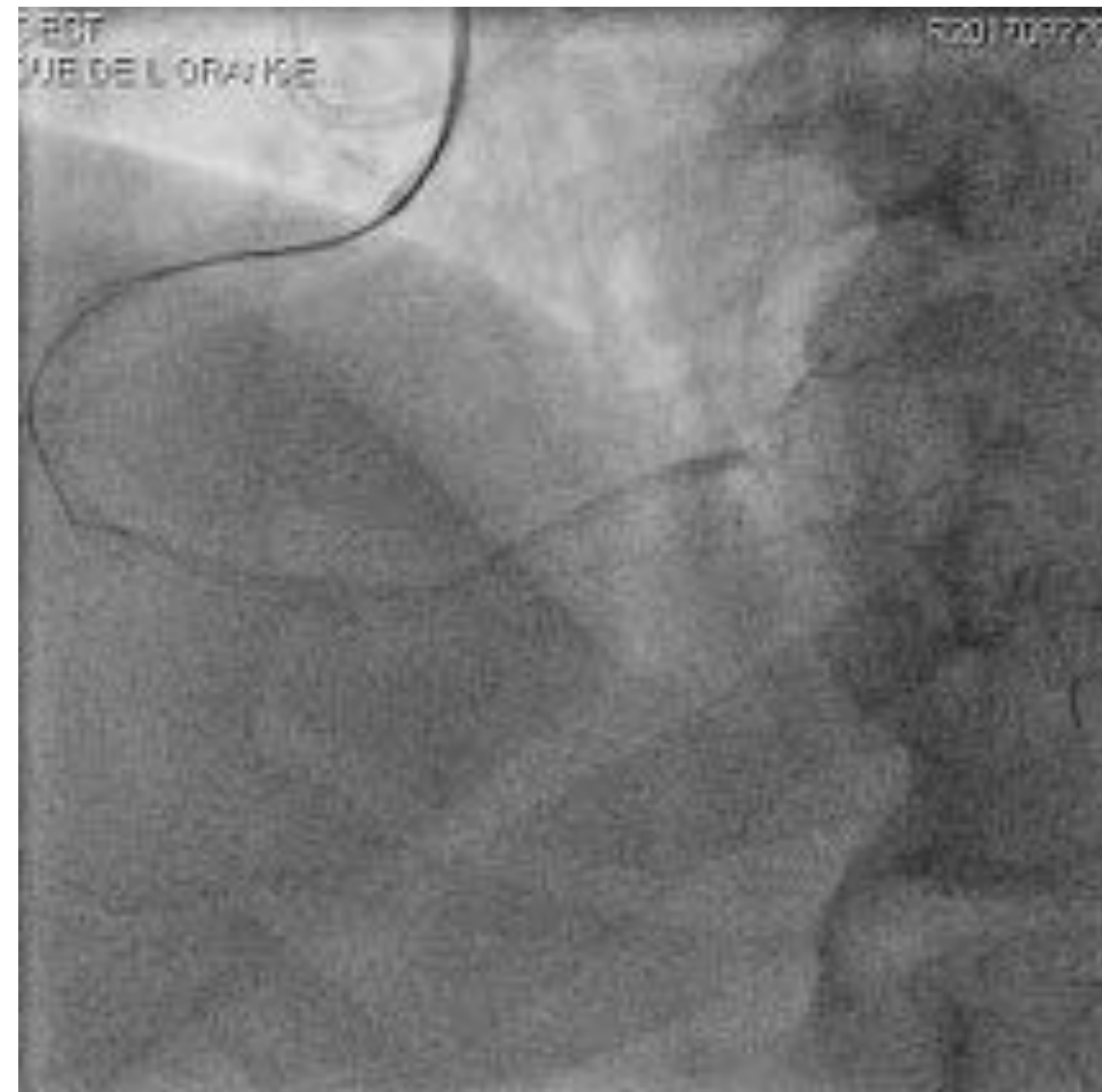
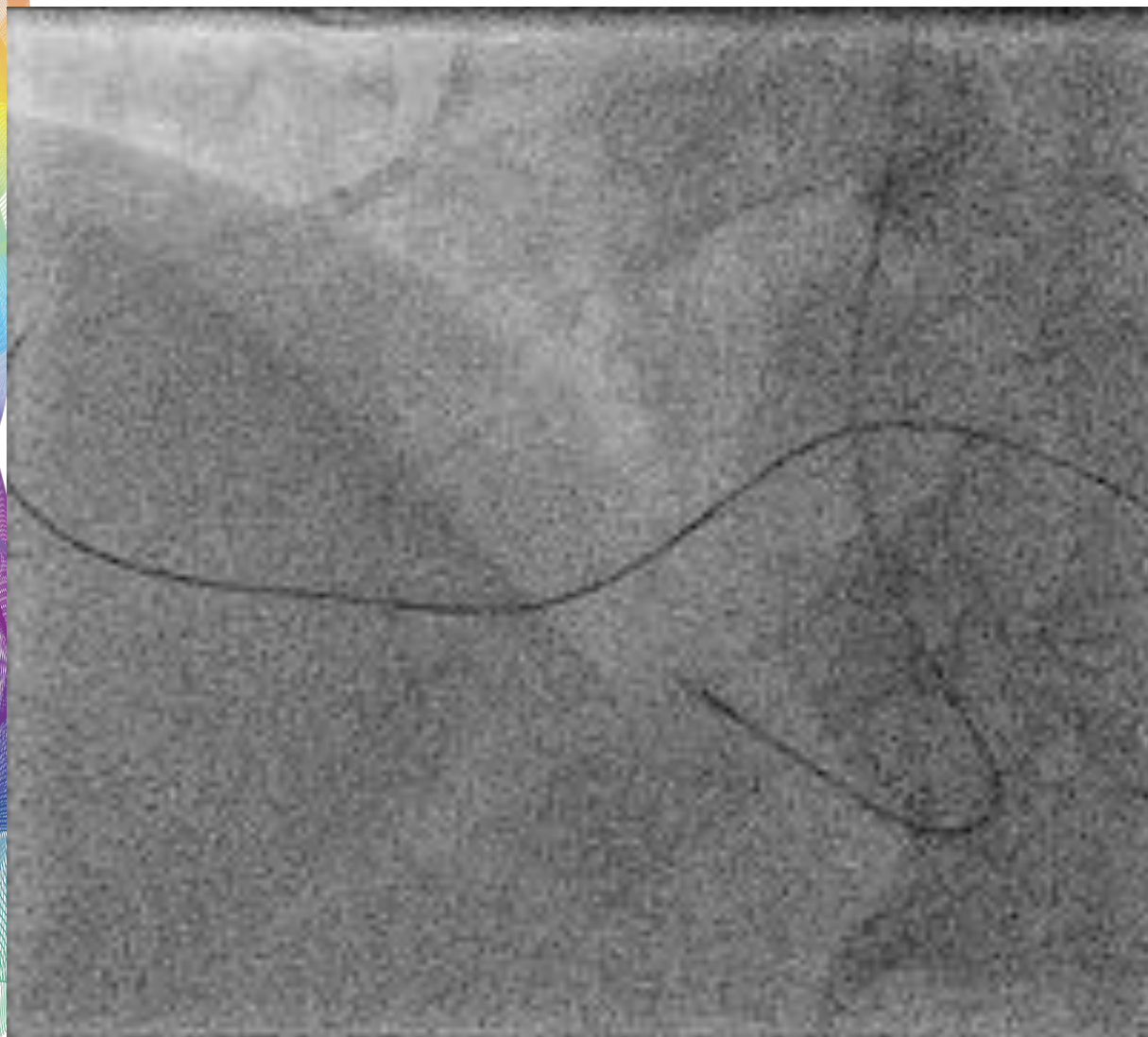




Cas n°2: CTO en rétrograde

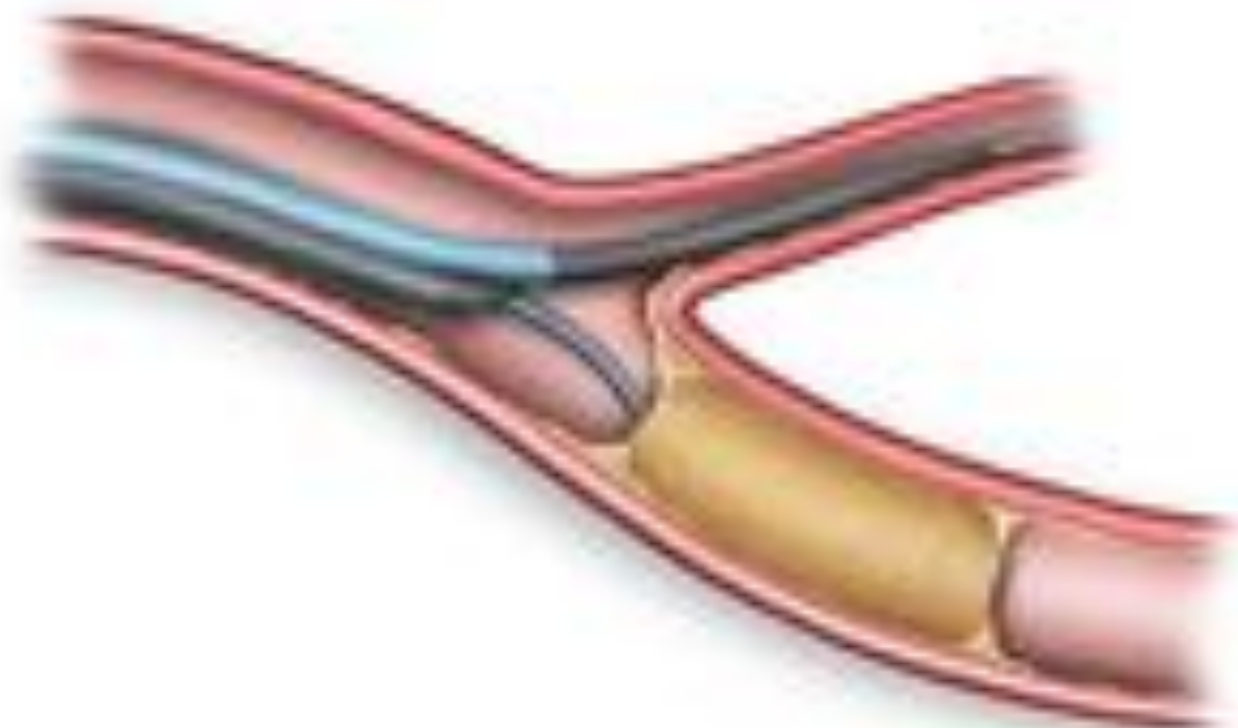


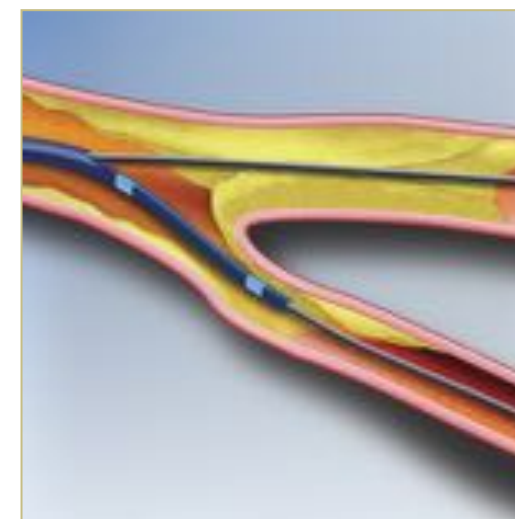
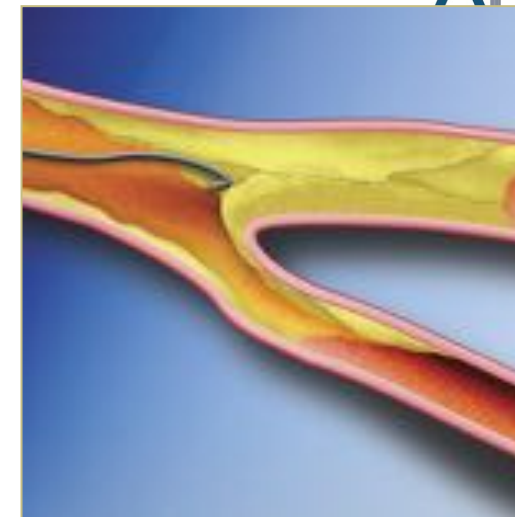




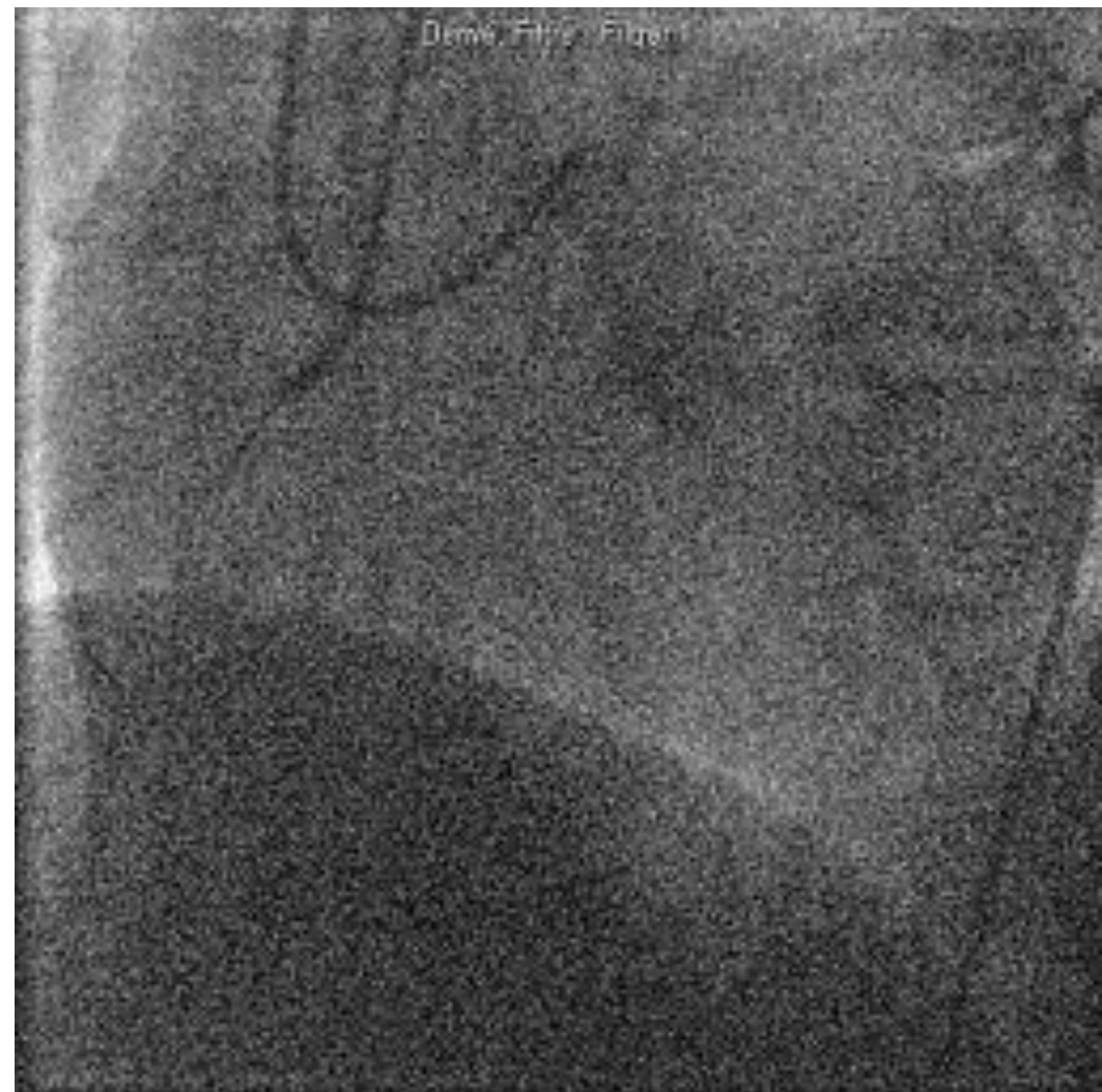
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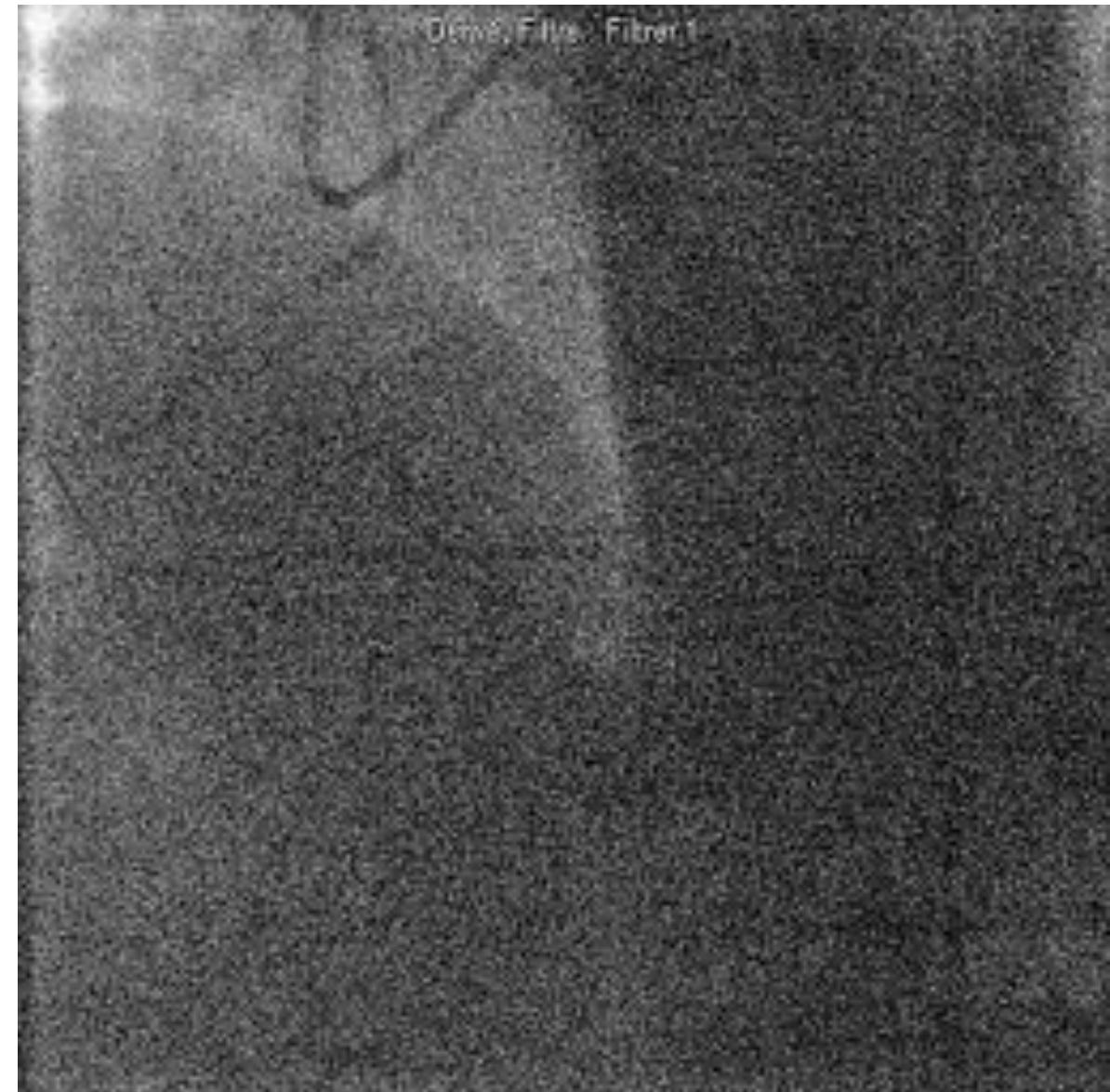
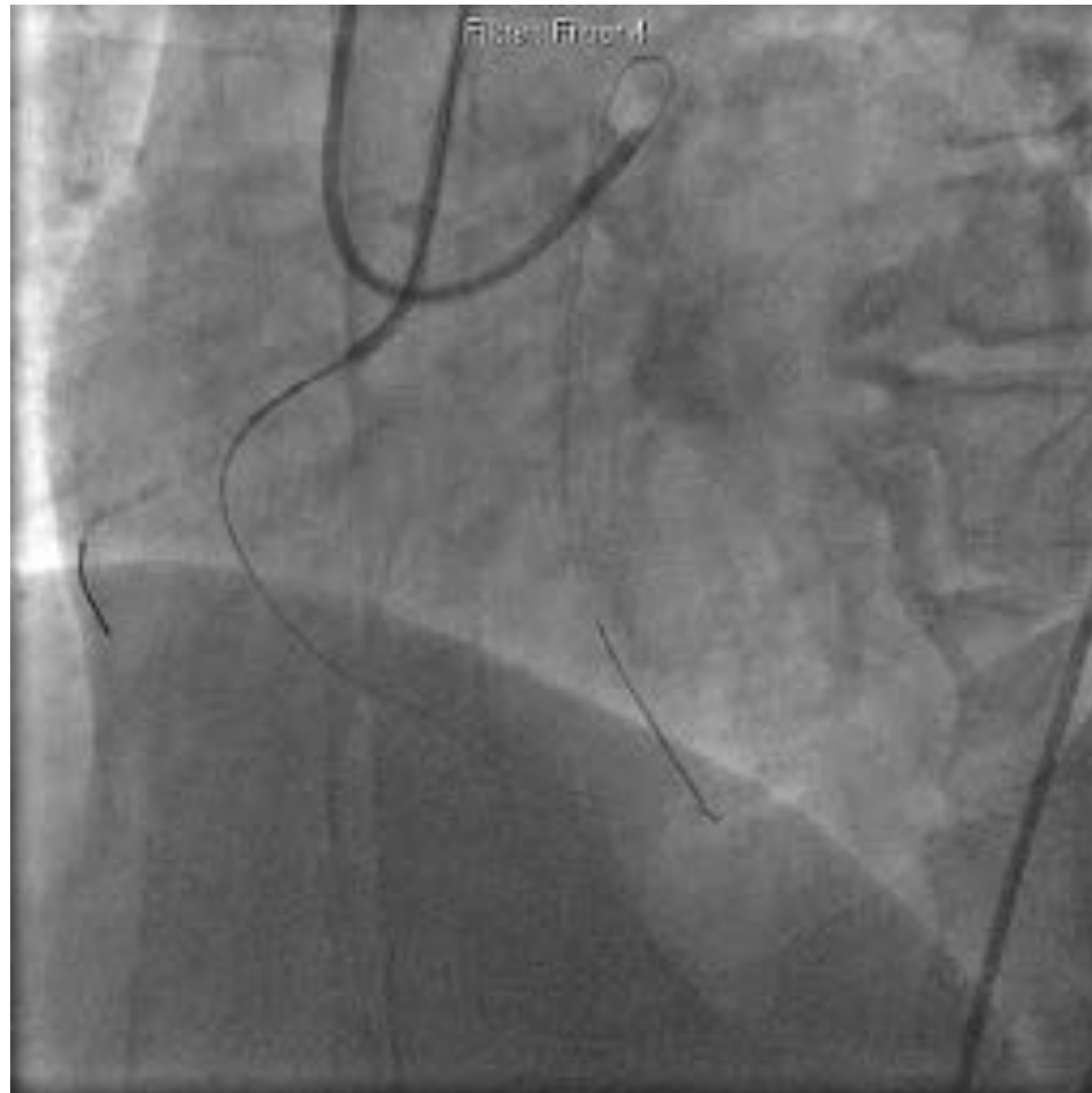
Bifurcation CTO wiring

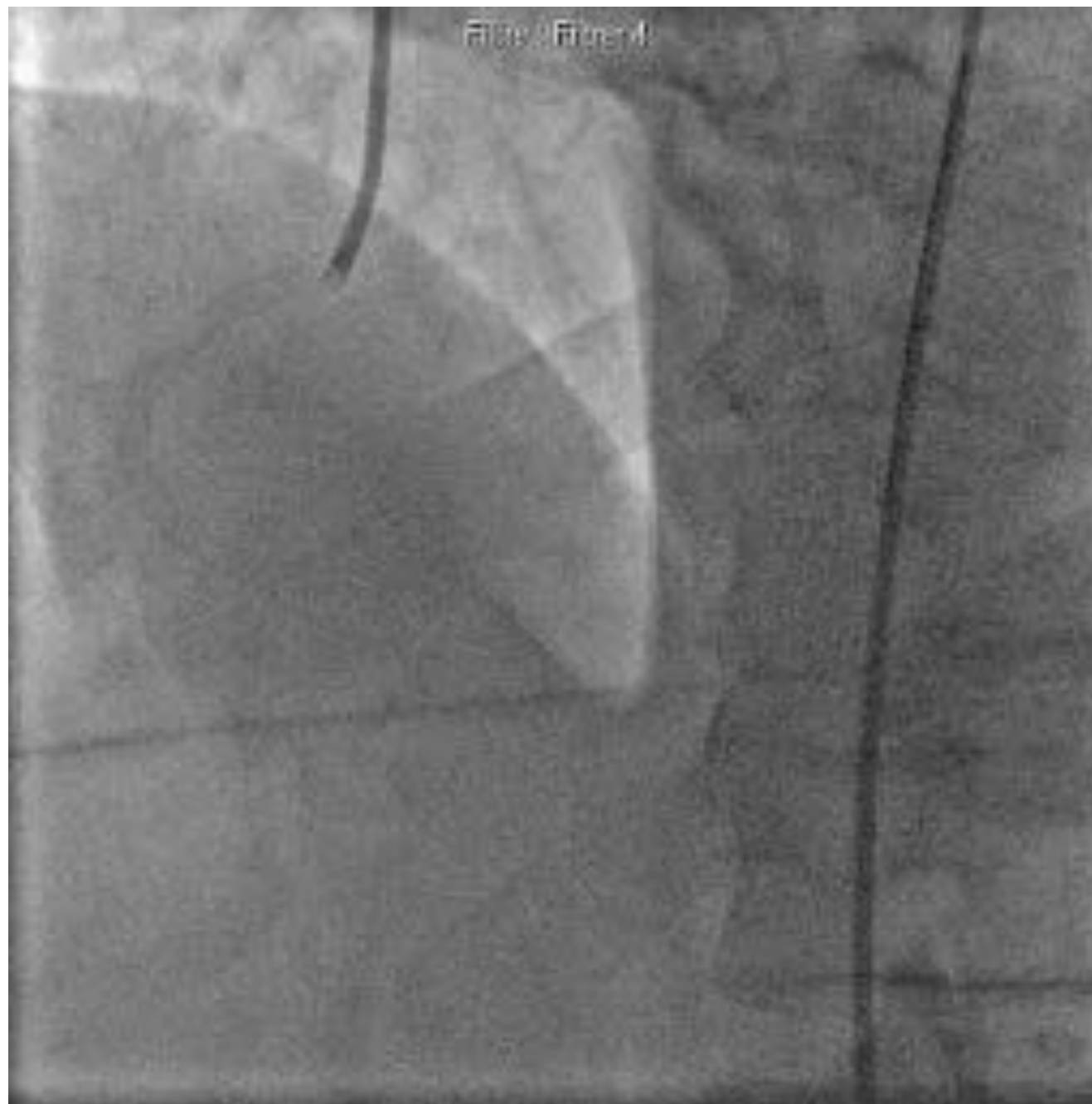




**Give support
To cross**





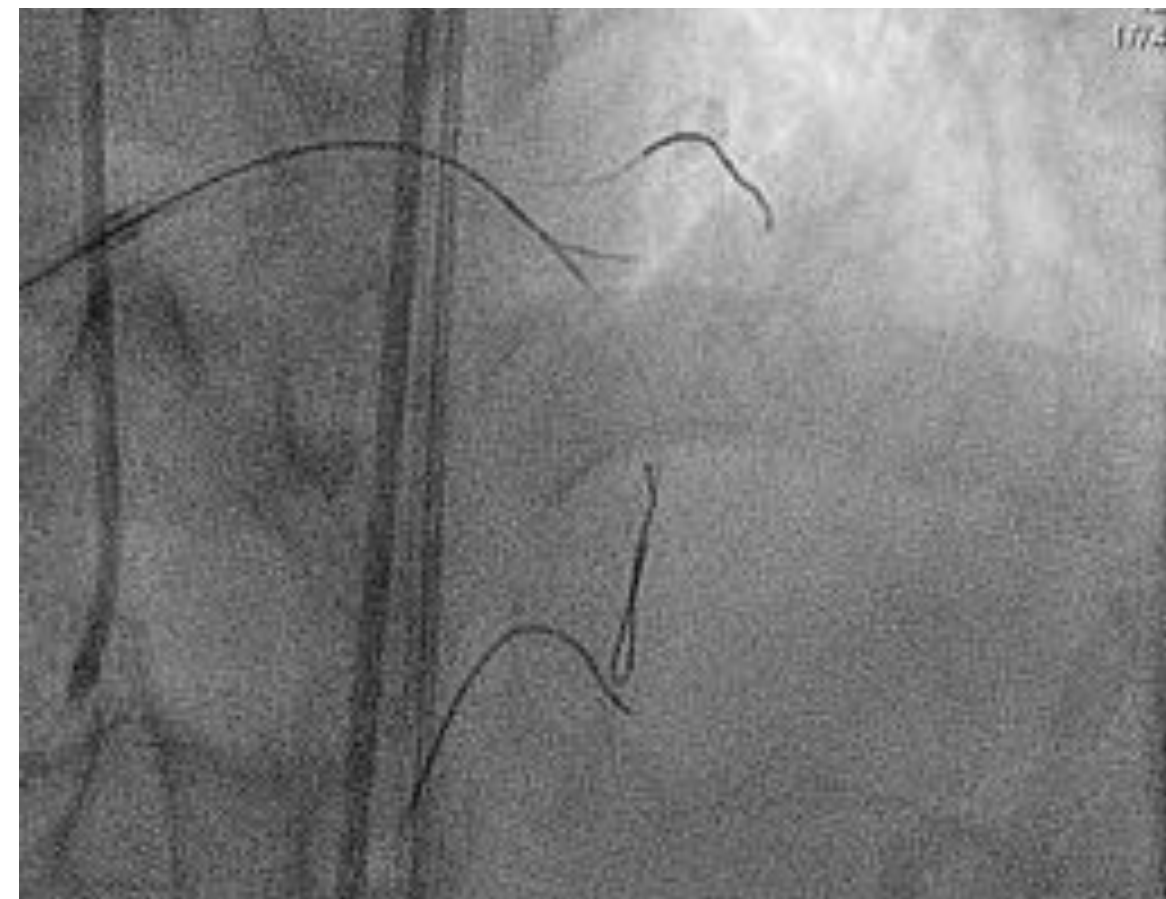
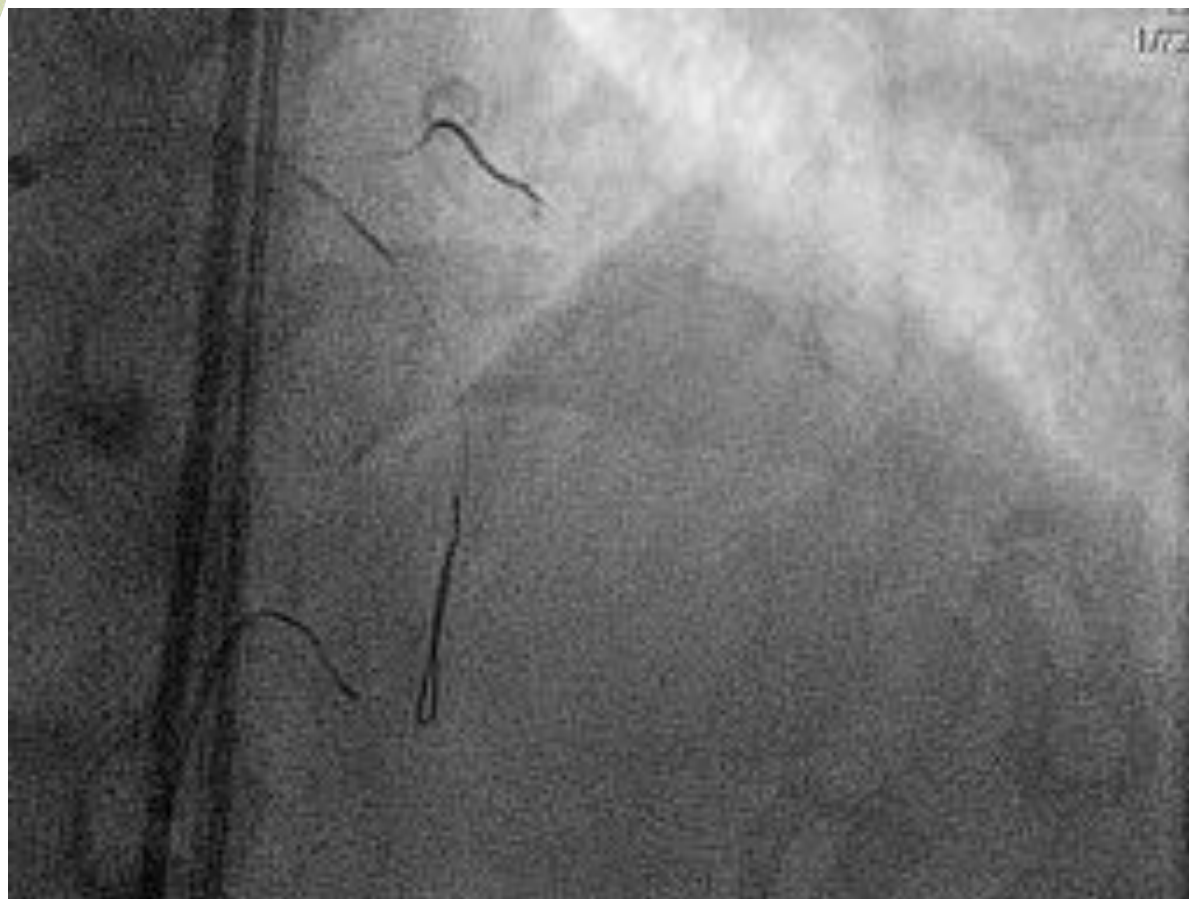


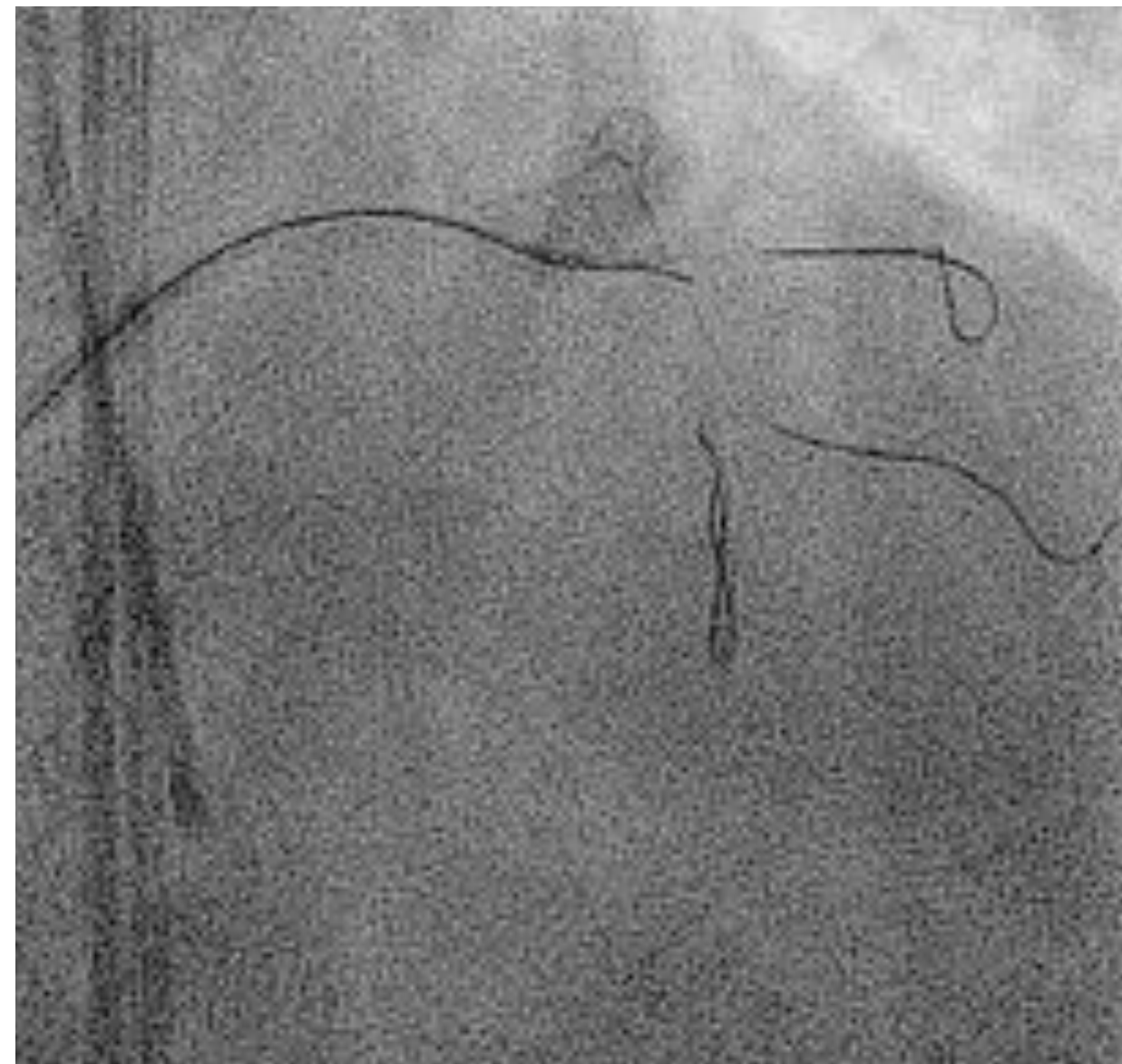
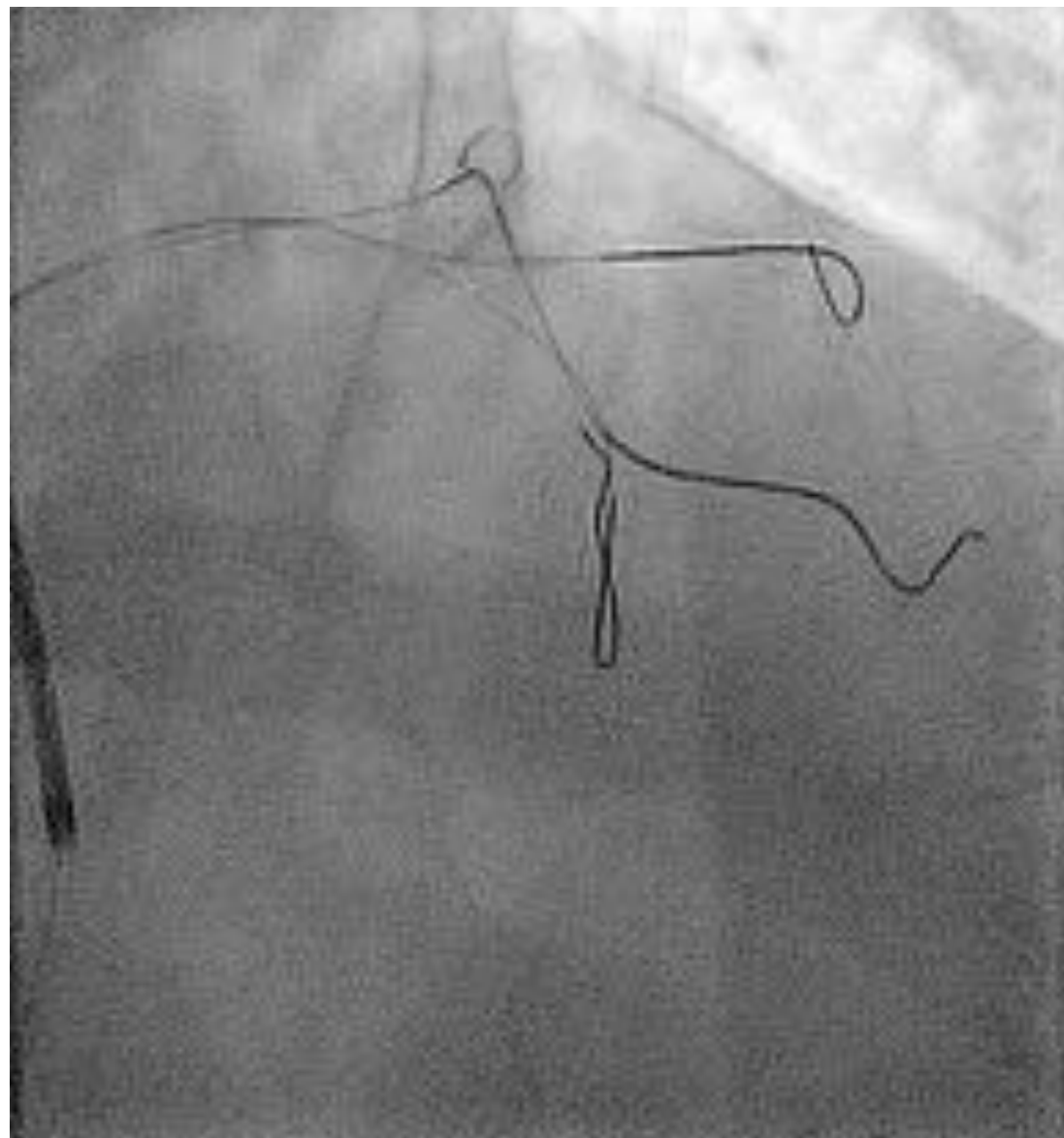
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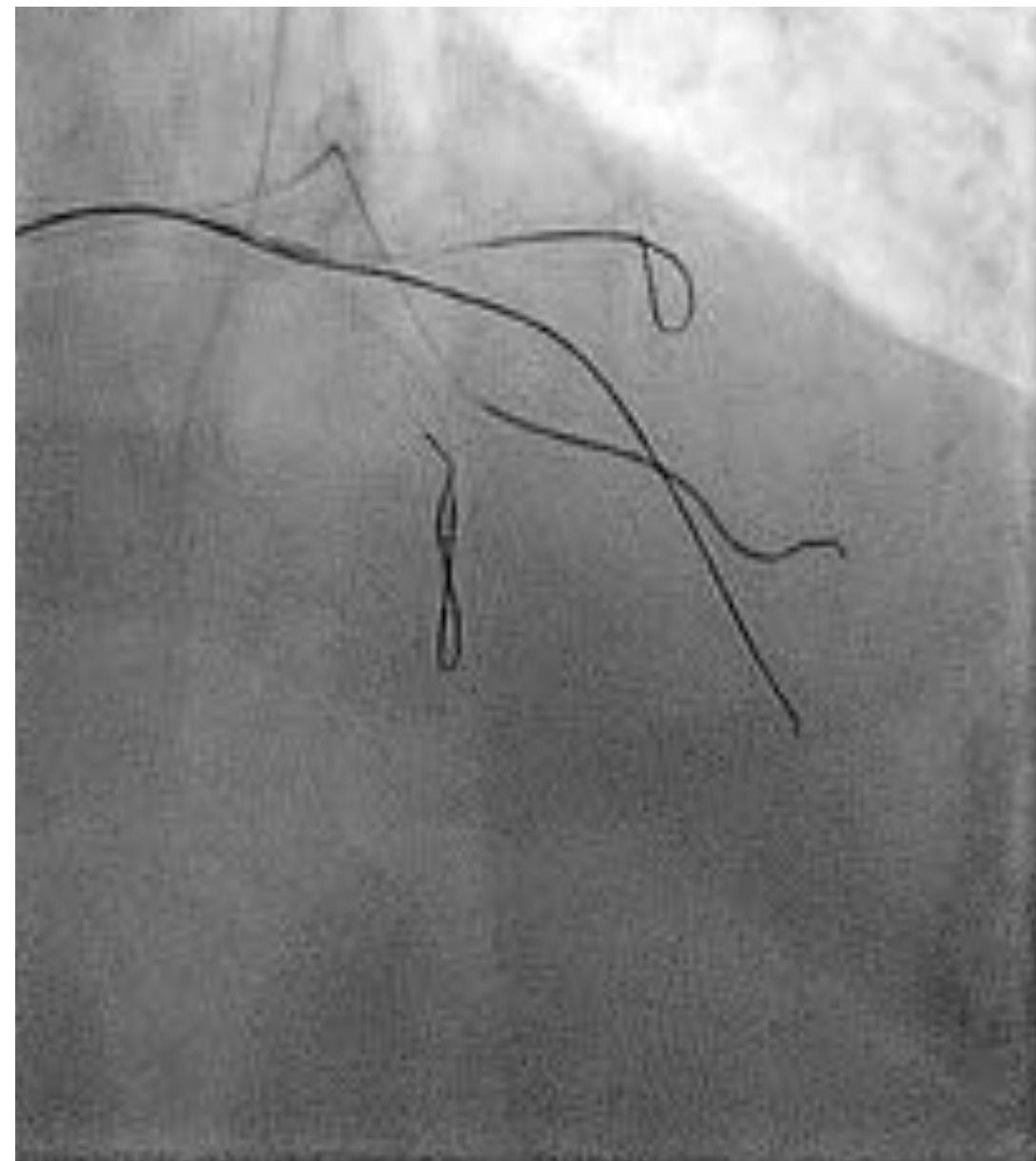
Parallel wiring technique





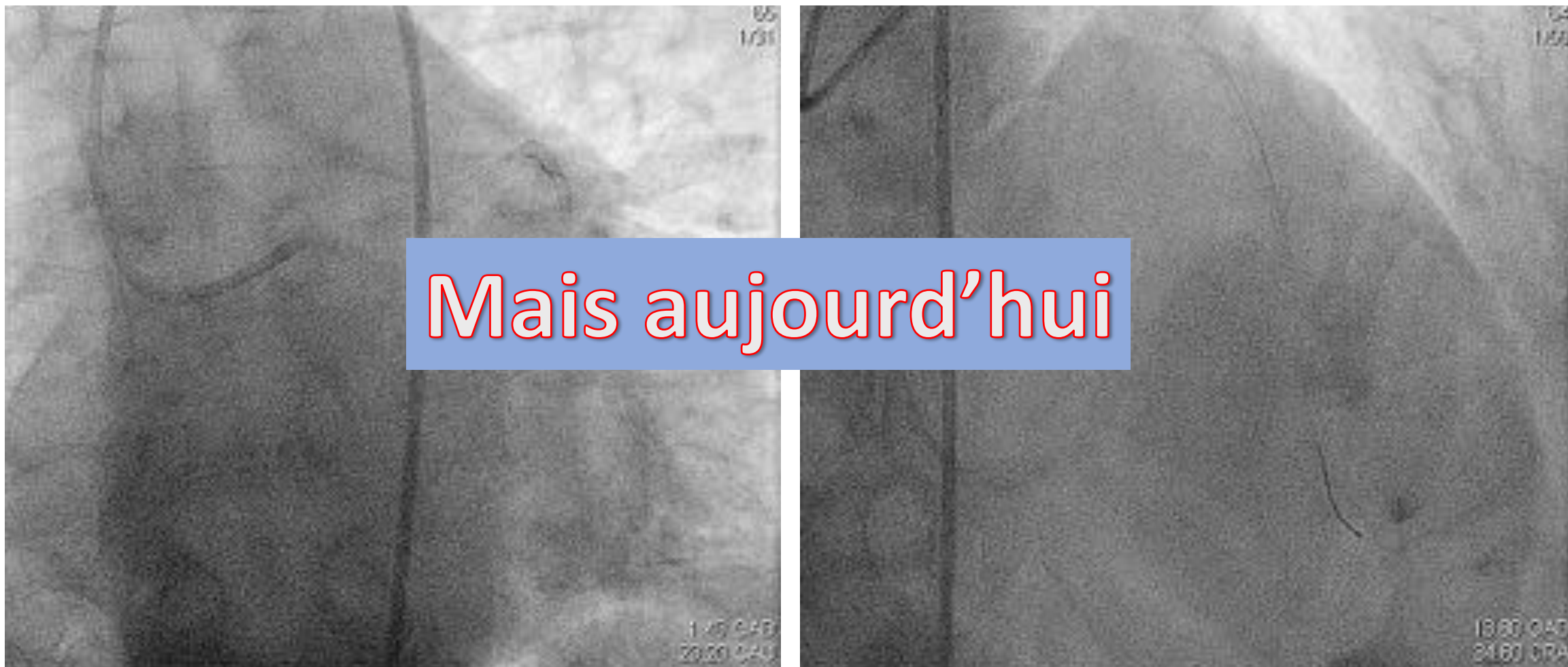






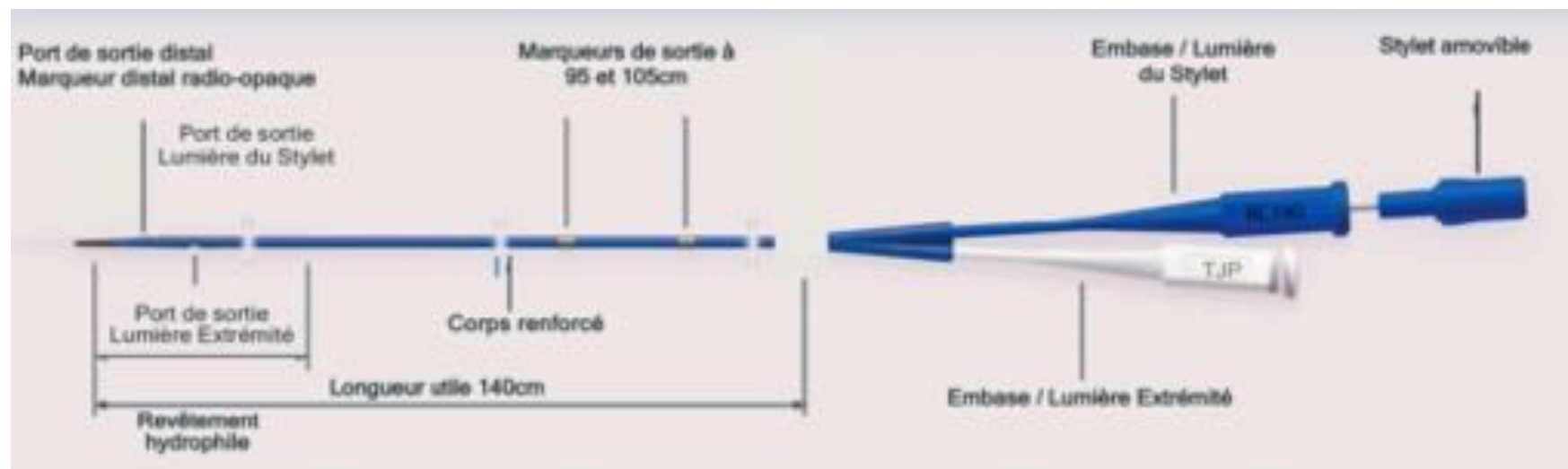


Mais aujourd'hui



REECROSS

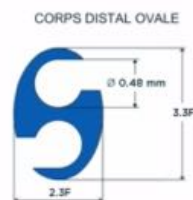
R E D I R E C T I O N R E D E F I N I E



MICROCATHÉTER À TRIPLE PORT DE SORTIE et 2 LUMIÈRES OTW



VISIBILITÉ DISTALE



PROFIL MINIMISÉ et TRACKABILITÉ



3 POSSIBILITÉS UNIQUES¹ DE REDIRECTIONS DU GUIDE

Modèle	Compatibilité KT guide	Profil corps distal	Profil corps proximal	compatibilité du guide	Longueur utile
RC1414025	5F	2.3F/3.3F	2.6F/3.4F	0.014"	140 cm

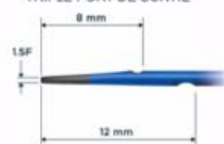
RE CROSS

R E D I R E C T I O N R E D E F I N I E



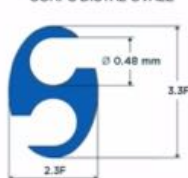
MICROCATHÉTER À TRIPLE PORT DE SORTIE et 2 LUMIÈRES OTW

EXTREMITÉ SOUPLE et
RADIO-OPAQUE À
TRIPLE PORT DE SORTIE



VISIBILITÉ DISTALE

CORPS DISTAL OVALE



PROFIL MINIMISÉ et
TRACKABILITÉ

2 PORTS DE SORTIE
PROXIMAUX EN
DIRECTION OPPOSÉE
+ 1 PORT DE SORTIE DISTAL



3 POSSIBILITÉS UNIQUES¹
DE REDIRECTIONS DU
GUIDE

Modèle	Compatibilité KT guide	Profil corps distal	Profil corps proximal	compatibilité du guide	Longueur utile
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INDICATIONS dans les CTO: Couteau suisse

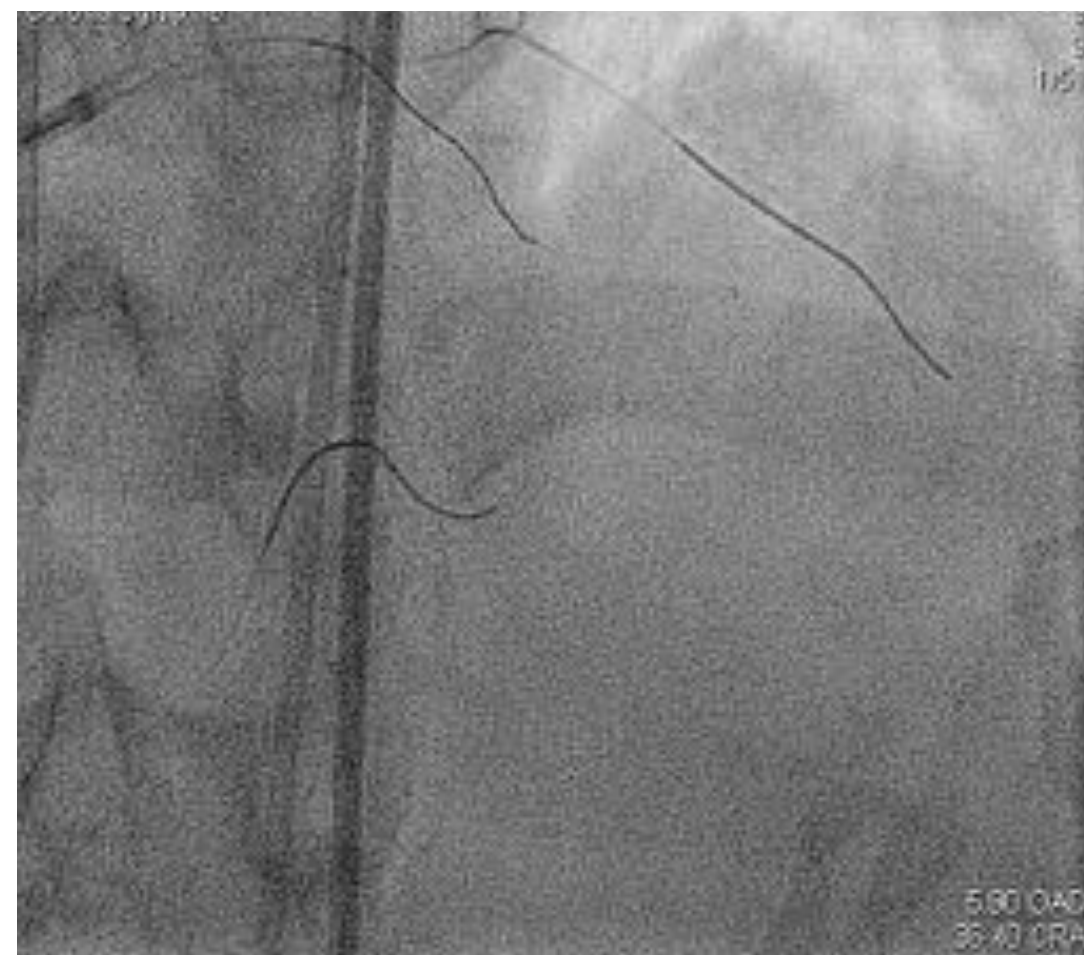


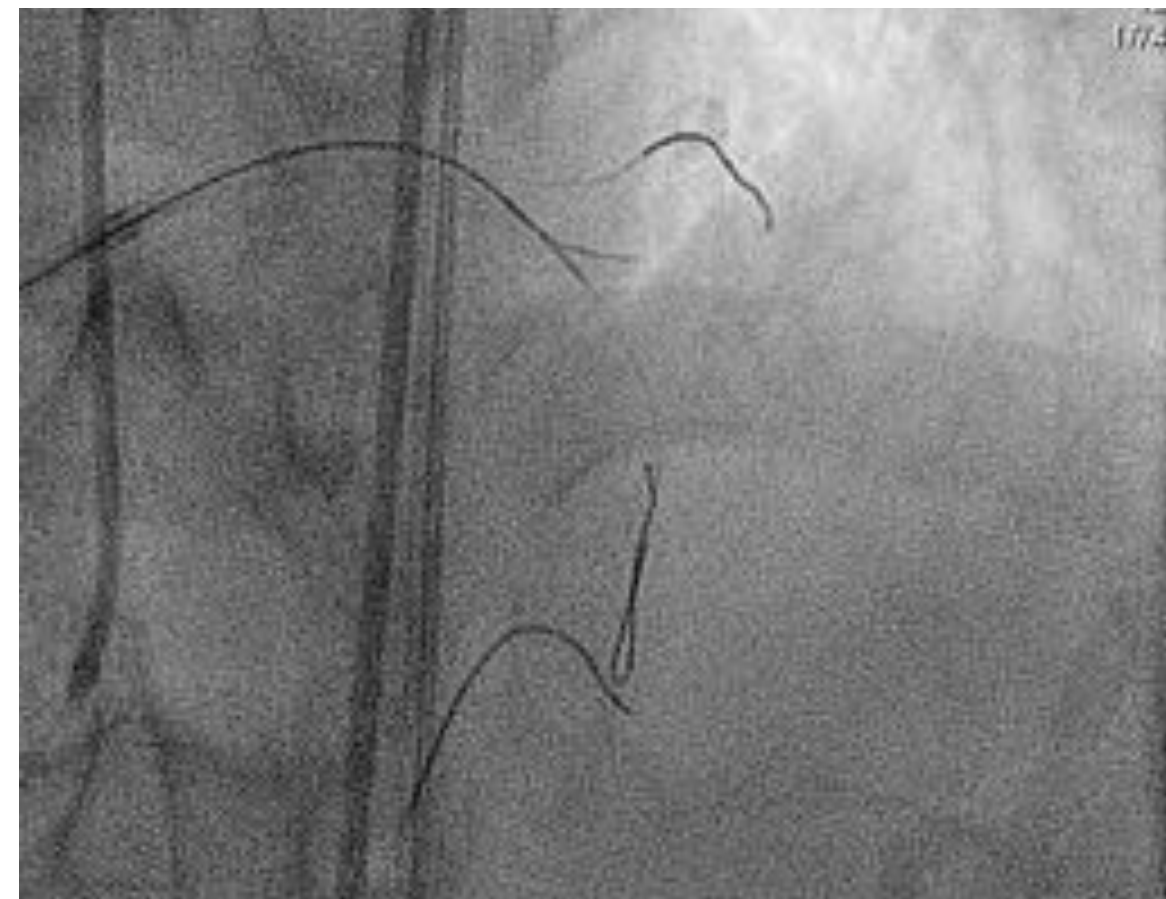
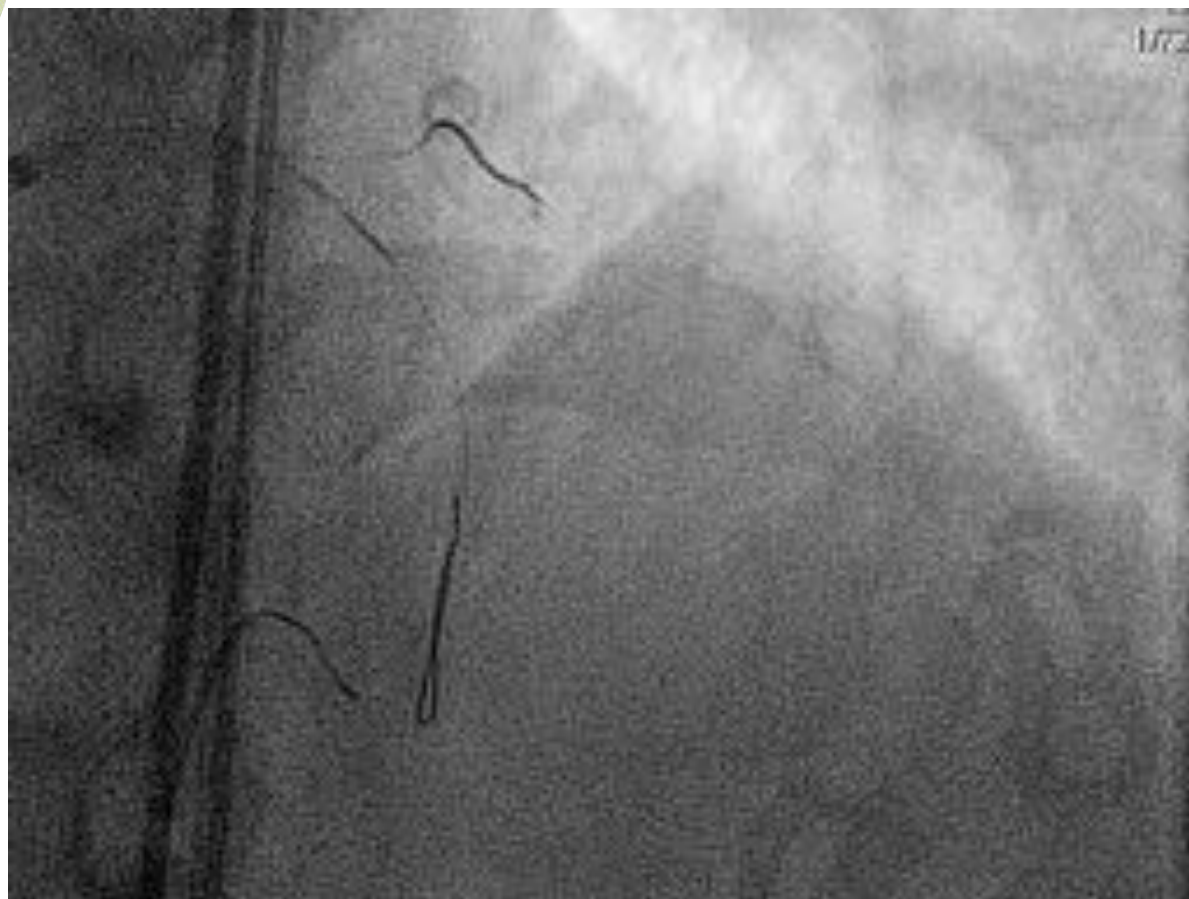
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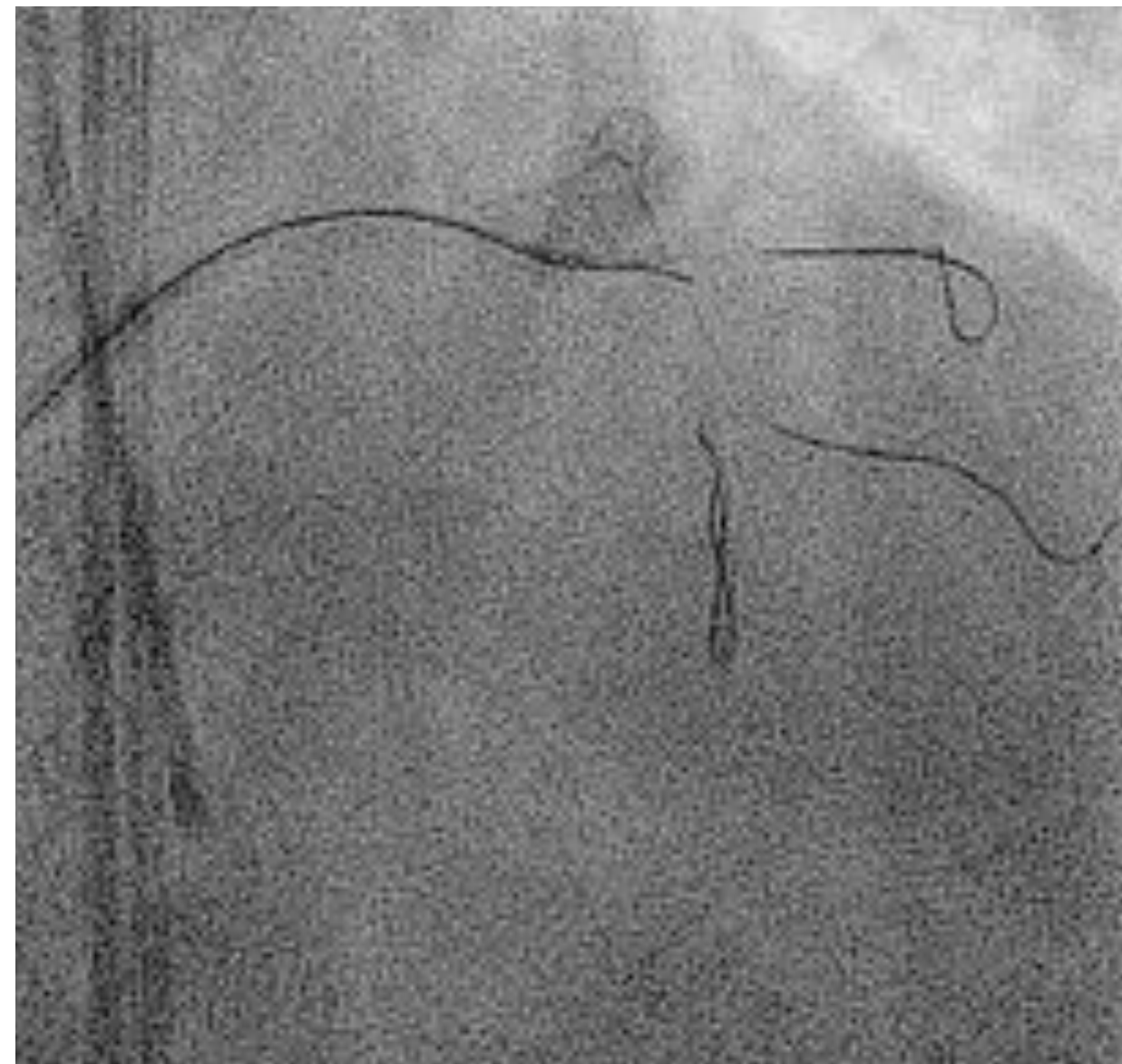
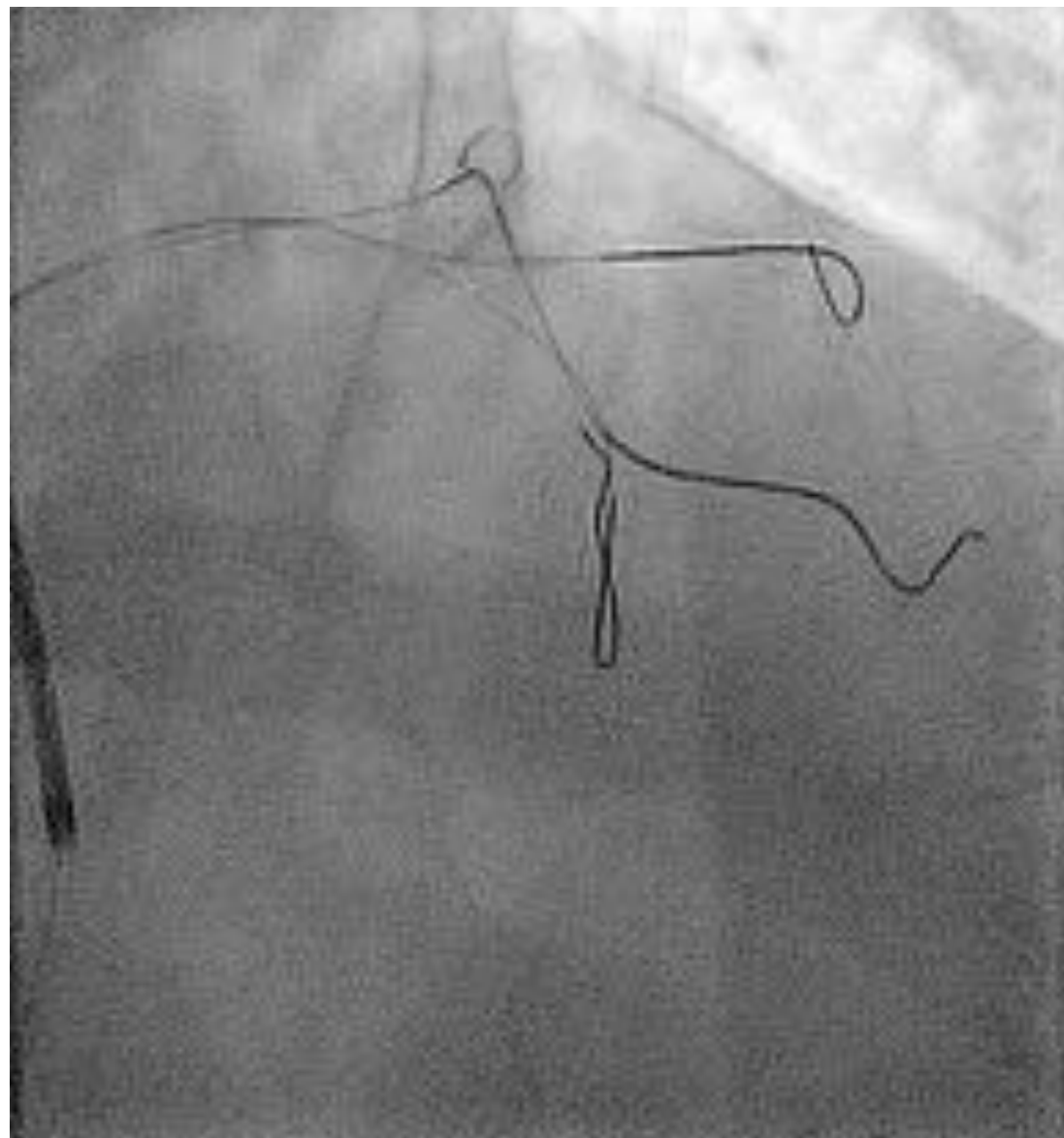
-Parallèle wire:



Idem en mieux!!









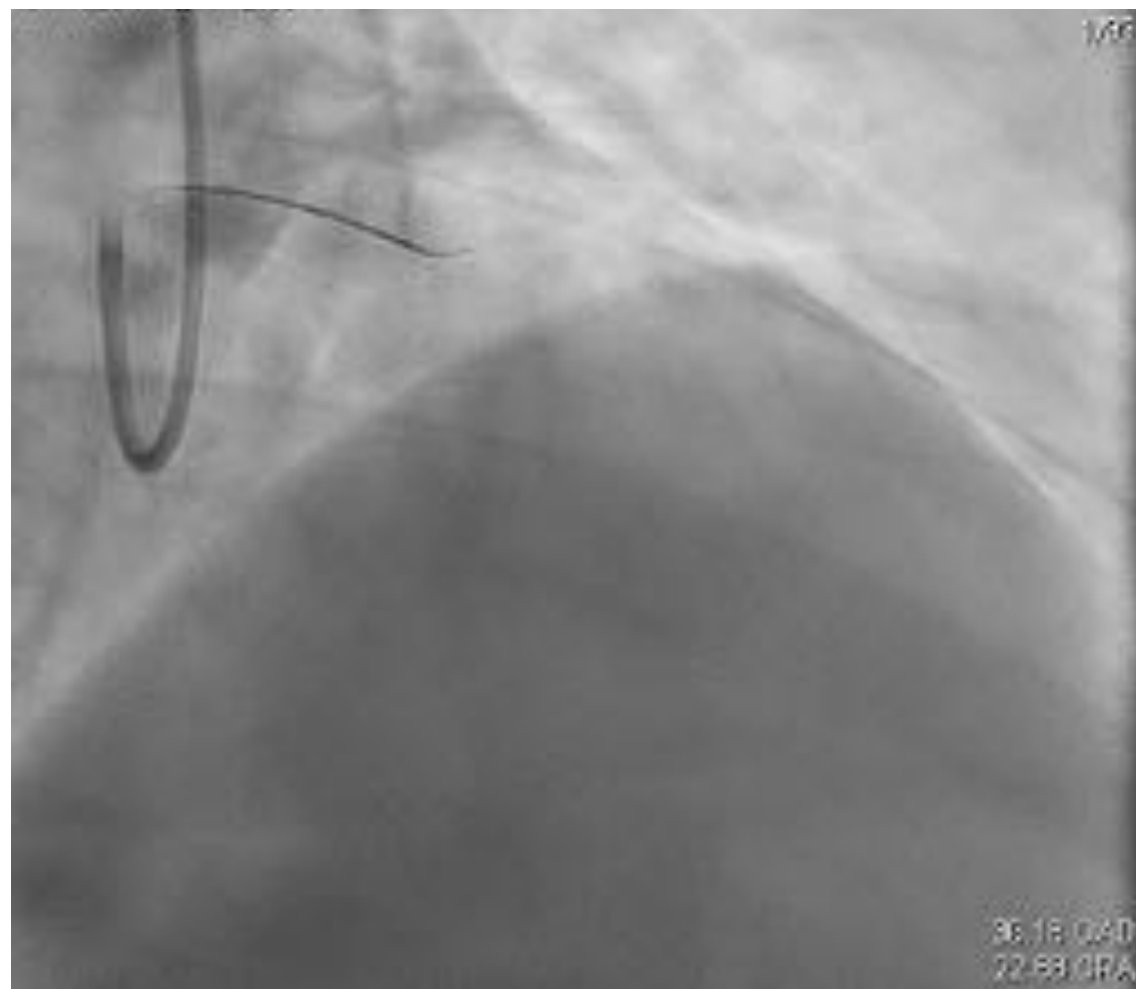


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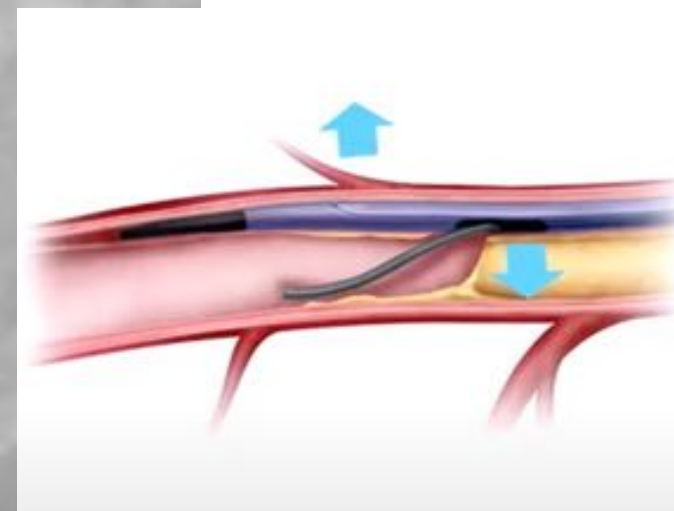
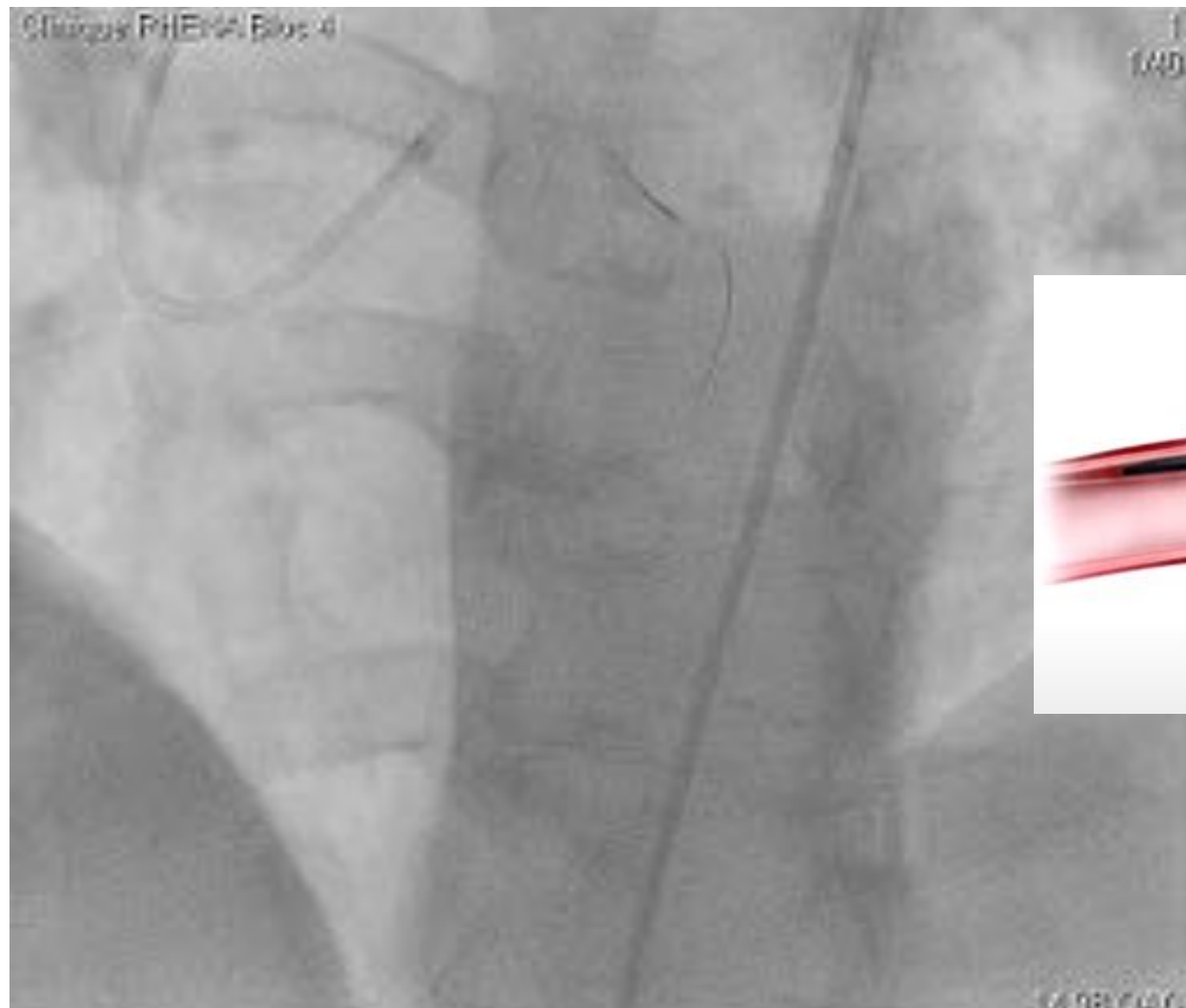
-Parallèle wire:

- ADR:









ReCross ADR

ReCross à 2 lumières + guide en knuckle pour en entrée depuis la zone proximale de la cape ans l'espace sous-intimal



Atteinte de la zone d'atterrissage distale



Ré-entrée dans la lumière

vs. CrossBoss ADR

Microcathéter simple lumière + guide en knuckle pour en entrée depuis la zone proximale de la cape ans l'espace sous-intimal

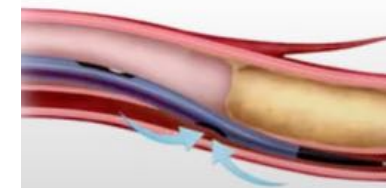
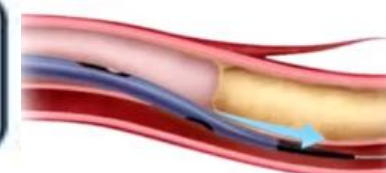
Echange du microcathéter pour le CrossBoss

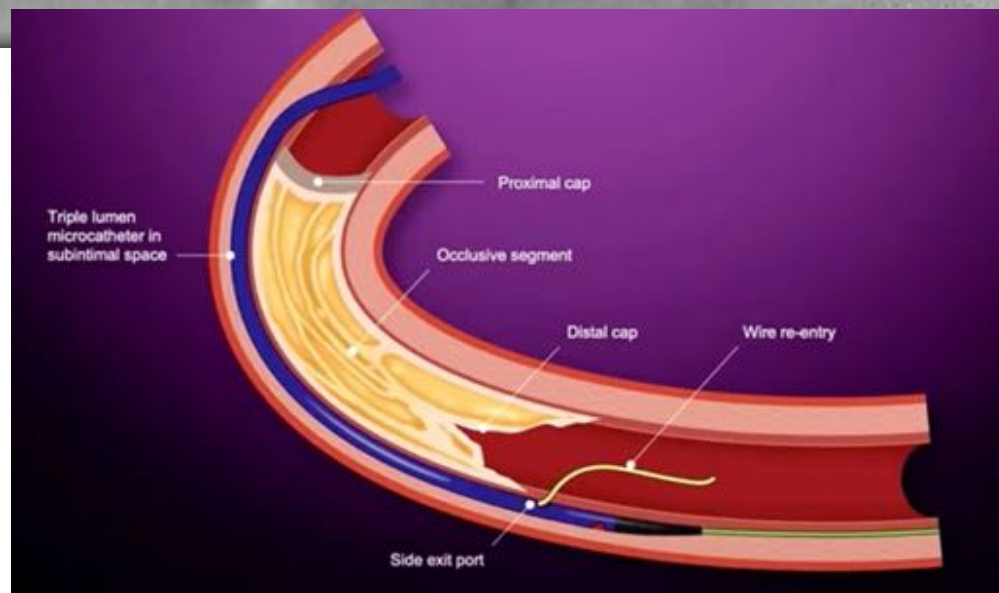
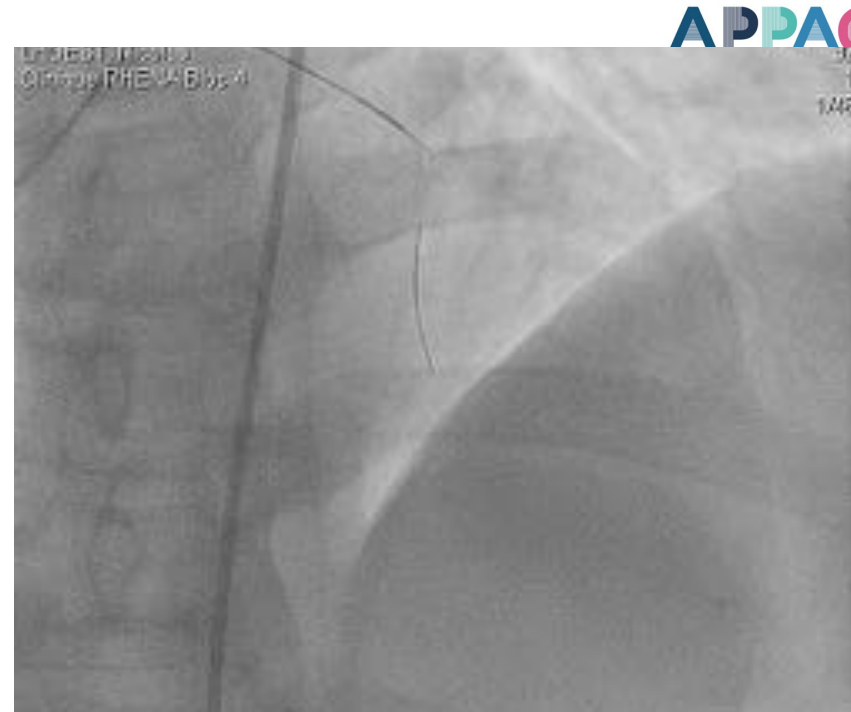
Atteinte de la zone d'atterrissage distale

Echange du CrossBoss pour le Stingray

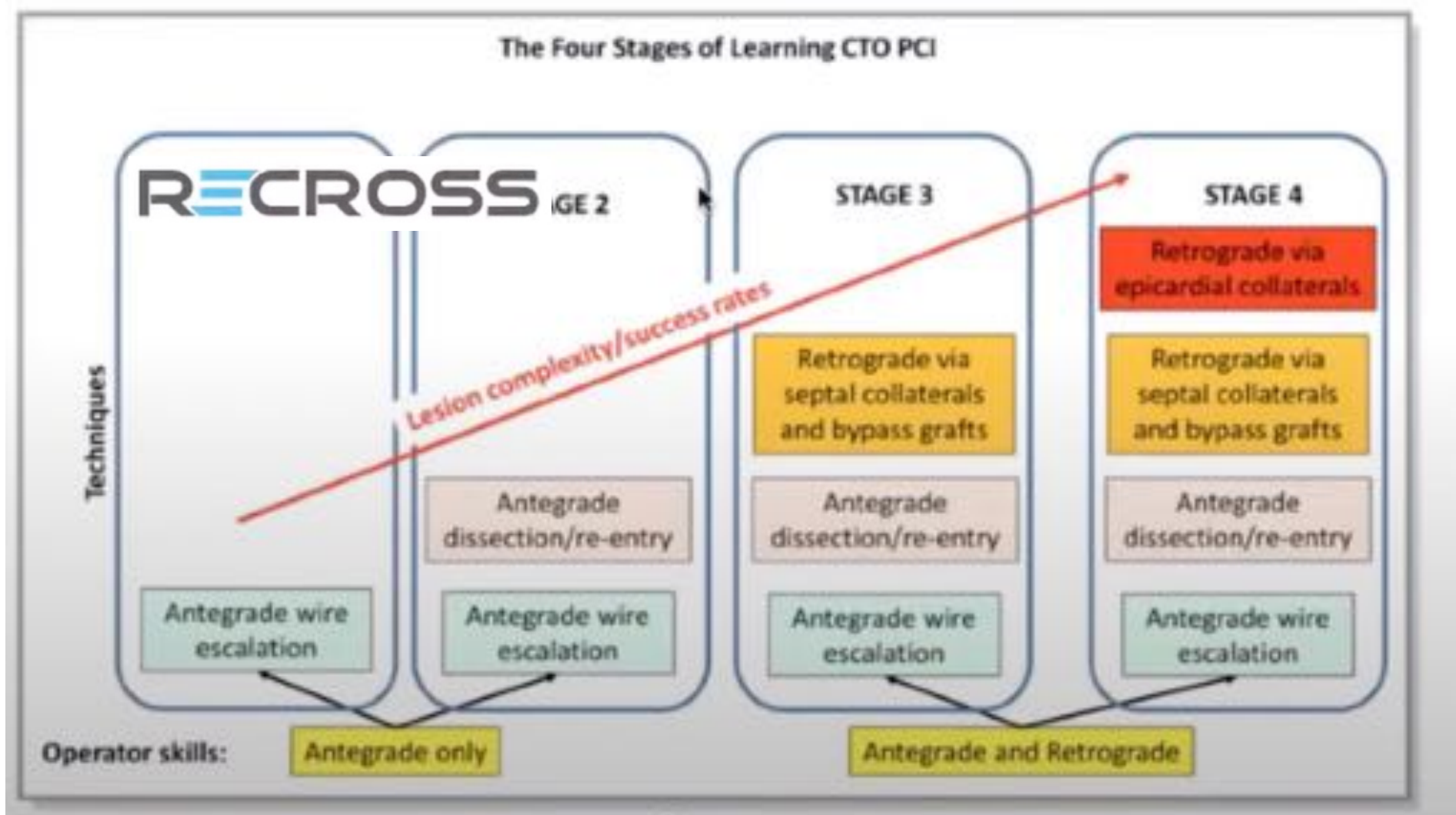
Ré-entrée dans la lumière

Echange du Stingray pour un microcathéter





ADR + facile



INDICATIONS dans les CTO: Couteau suisse

-Parallèle wire:

- ADR:

- En première intention:

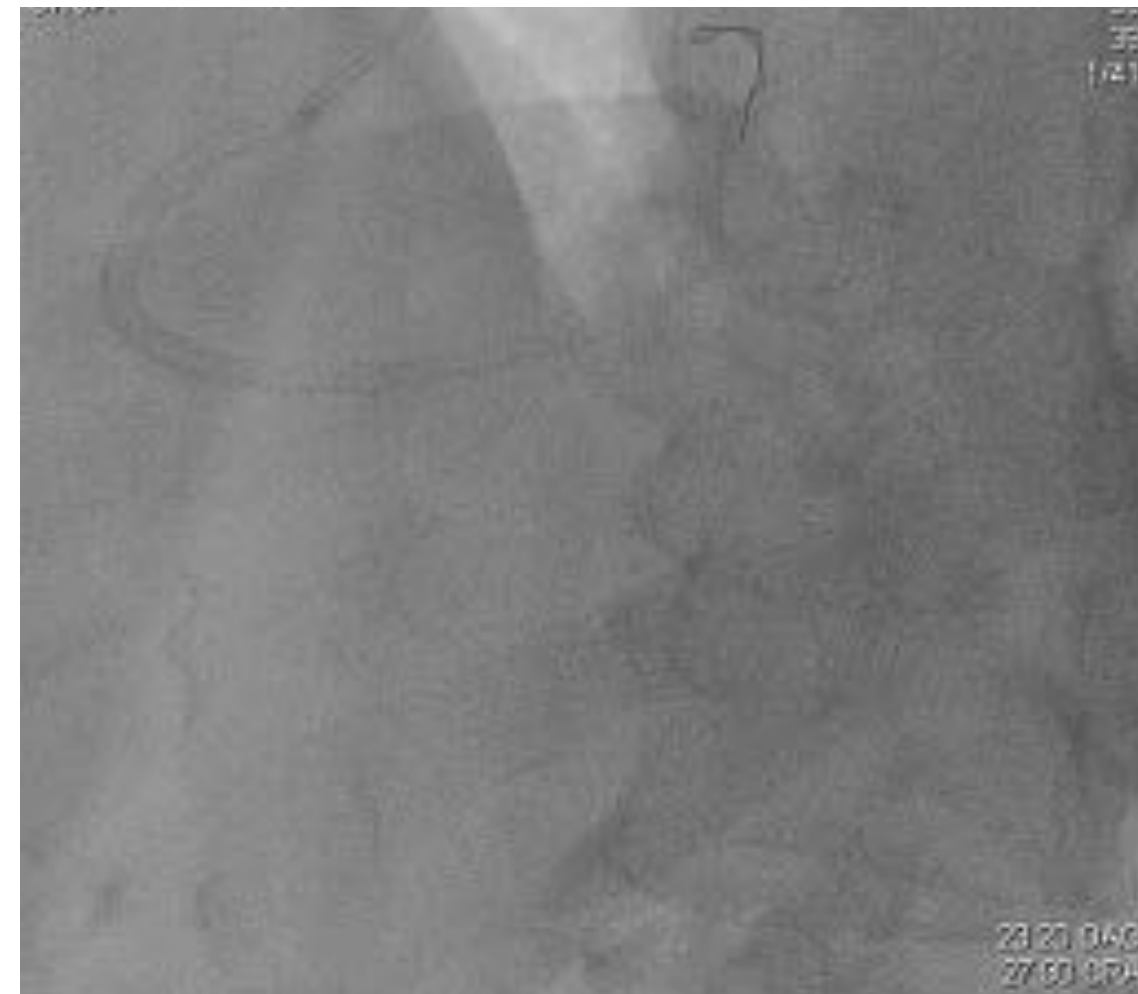
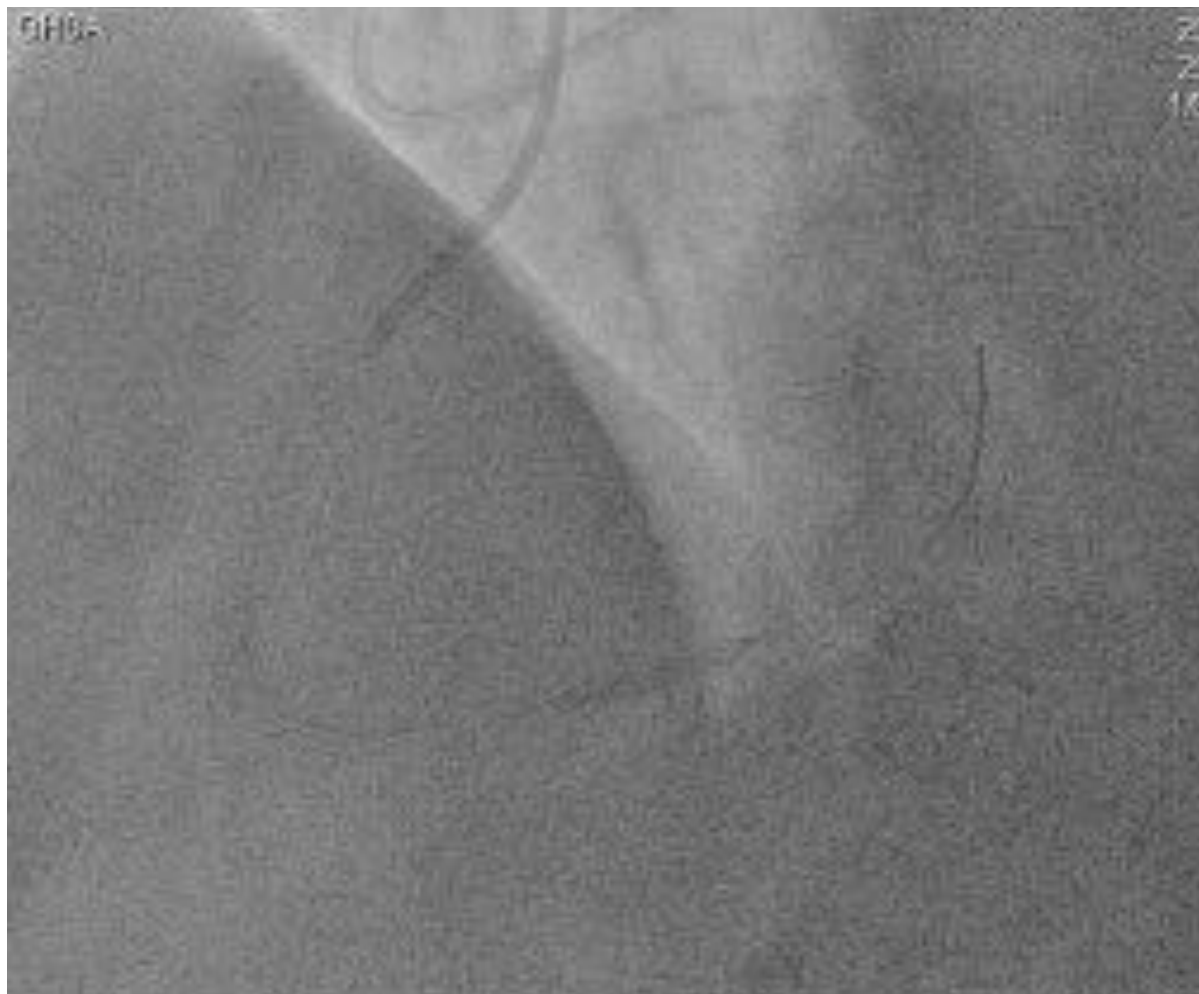


Mr R



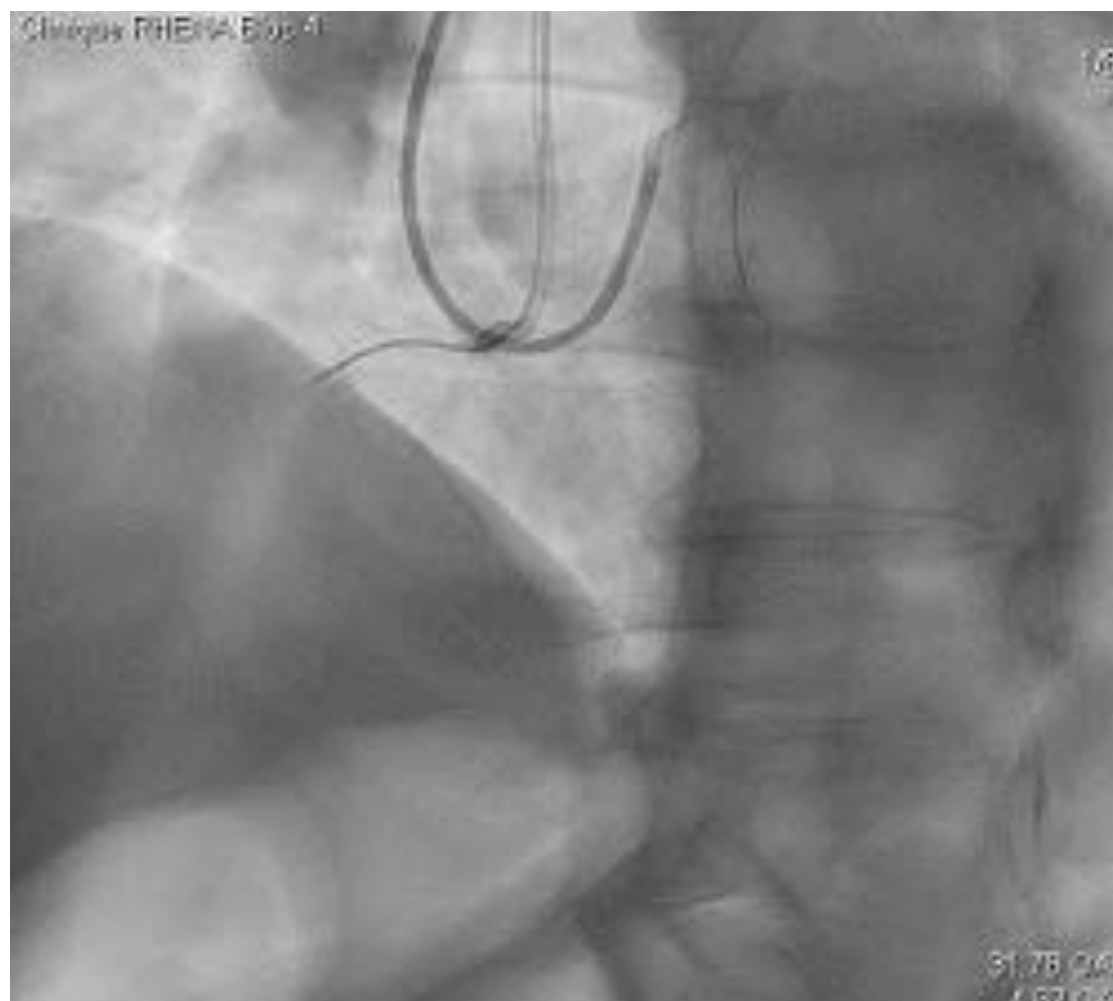




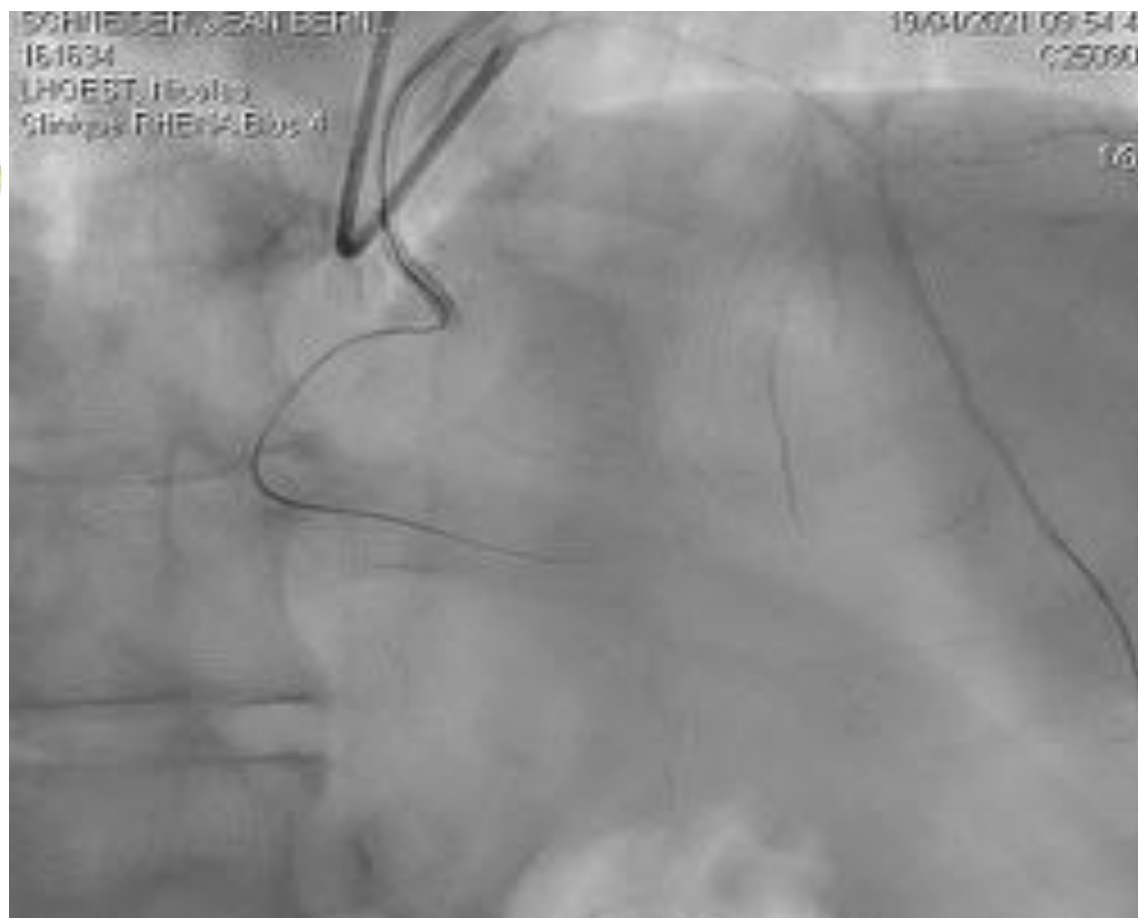




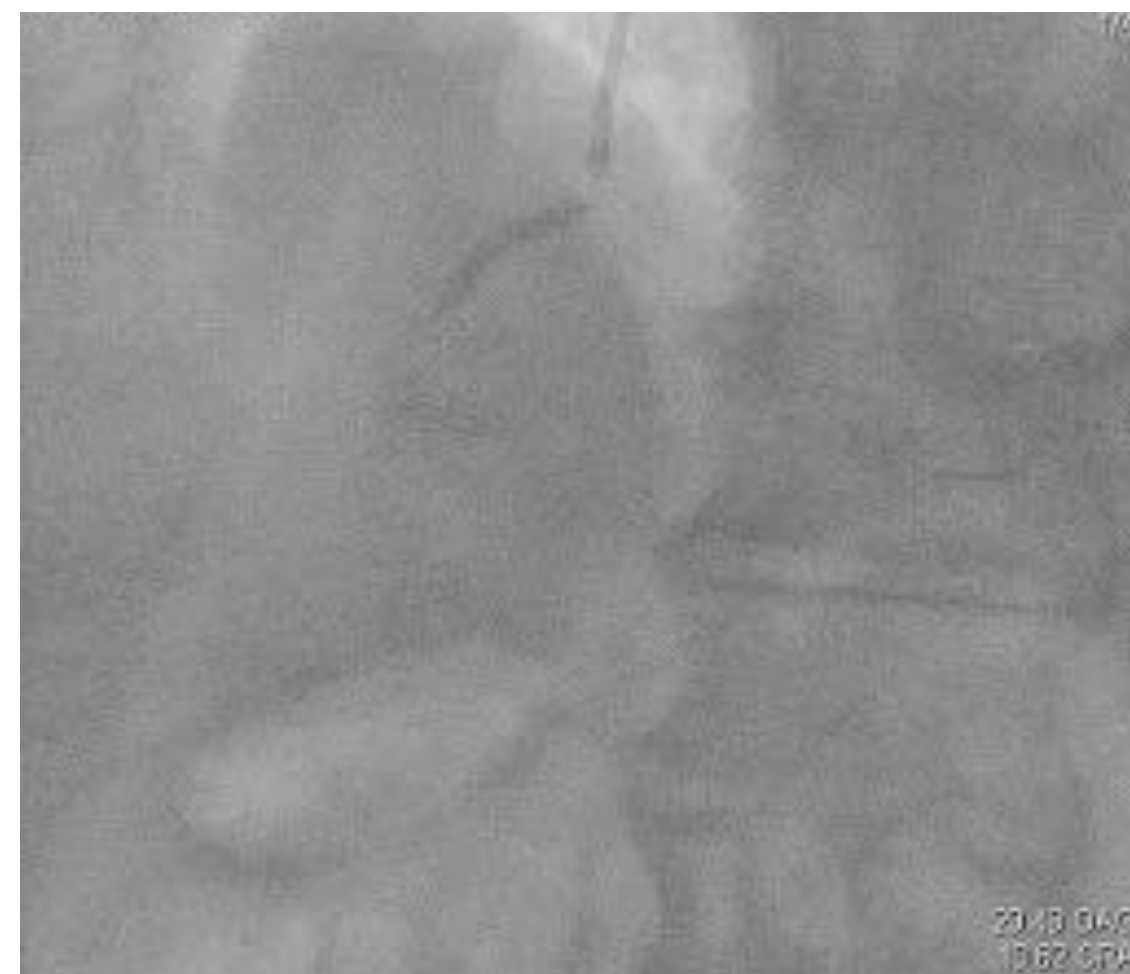
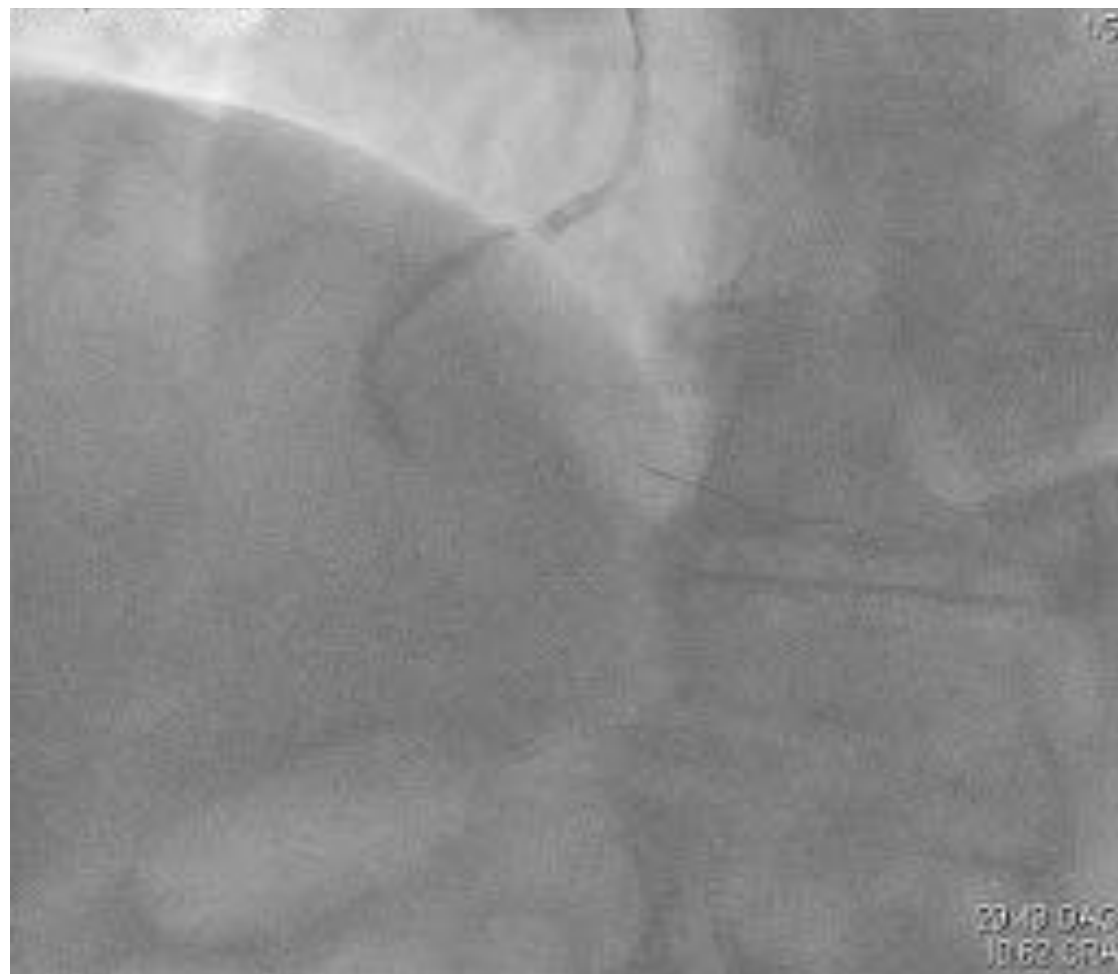
Mr S













Conclusions:

double lumière en mieux

grades

- Nous

- Dans ma Pratique:

**En première intention
dans les CTO antérogrades**