Imagerie des ANOCOR
Place de la coronarographie (IVUS - OCT- FFR)

Xavier Halna du Fretay (Paris, Saran) pour le groupe ANOCOR

HÔPITAUX UNIVERSITAIRES
PARIS NORD VAL DE SEINE
Bichat - Claude-Bernard

ASSISTANCE PUBLIQUE HÔPITAUX DE PARIS

16 mars 2018

UCRB
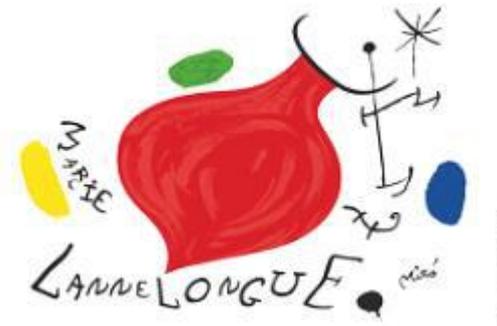
Artère coronaire droite ectopique
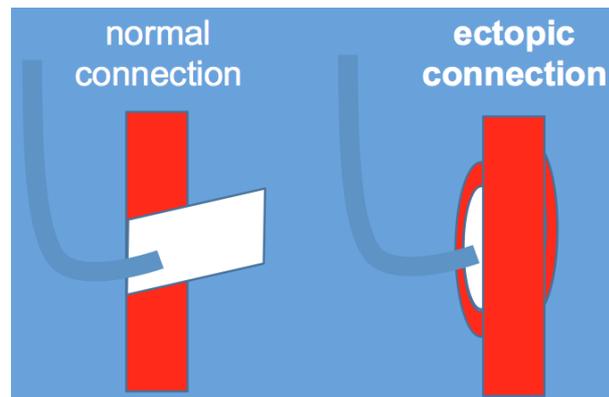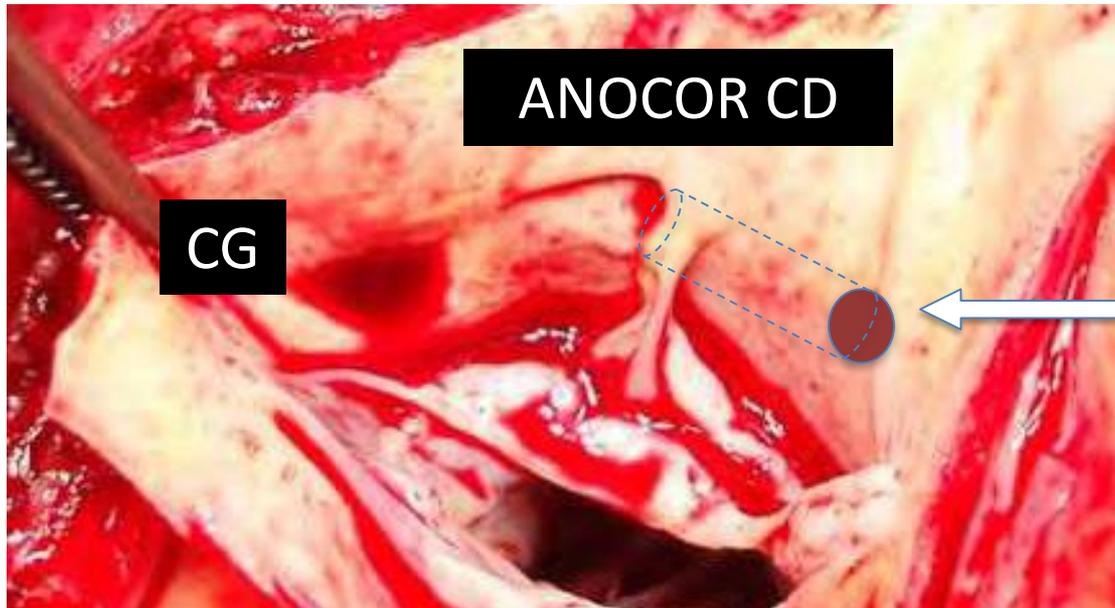
ANOCOR CD

CG

Situation habituelle de l'ostium CD

normal connection

ectopic connection

anoCor

Original Article

Coronary intervention in anomalous origin of the right coronary artery (ARCA) from the left sinus of valsalva (LSOV): A single center experience

Kalaichelvan Uthayakumaran [a,*], Vijayakumar Subban [a],
Anitha Lakshmanan [b], Balaji Pakshirajan [a], Ramkumar Solirajaram [c],
Jaishankar Krishnamoorthy [c], Ezhilan Janakiraman [c],
Ulhas M. Pandurangi [c], Latchumanadhas Kalidoss [c],
Mullasari Ajit Sankaradas [d]

Patient no	Type of take off	Sequence of catheters	Successfully cannulated catheter	Amt of contrast (ml)	Fluoro time
1	A	JR 3.5, AR2; AL1; JL 4.0; JL 5.0	JL 5.0	210	17.5
2	C	JR 3.5; AR2; AL1	AL 1	120	12.2
3	B	JR 3.5; AR 2.0; AL 1; JL 4.0; JL 5.0; EBU 3.0	EBU 3.5	320	63.3
4	C	JR 3.5; AR 2.0; AL 1.0; JL 5.0; AL 2.0	AL -2	220	17.3
5	A	JR 3.5; AL 1.0; JL 4.0	JL 4.0	130	12.2
6	A	JR 3.5; JL 4.0; JL 5.0	JL 5.0	150	13.5
7	C	JR 3.5; AR 2; JL 5.0; AL 1	AL 1	200	17.8
8	B	JR 3.5; AR 2.0; AL 1; JL 5.0; EBU 3.5	EBU 3.5	280	23.8
9	A	JR 3.5; AR 2; AL 1; JL 4.0; JL 5.0	JL 5.0	270	22.5
10	C	JR 3.5; AR 2.0; JL 5.0; AL 1	AL1	180	15.4
11	C	JR 3.5; AR 2.0; AL1; AL 2.0, JL 4.0	JL 4.0	300	51.3
12	A	JR 3.5; AL 1; JL 4.0	JL 4.0	150	12.5
13	B	JR 3.5; AR 2.0; AL 1, JL 4.0	JL 4.0	180	21.5
14	A	JR 3.5; AL 1; JL 4.0; JL 5.0	JL 5.0	200	17.4
15	A	JR 3.5; JL 4.0; JL 5.0	JL 5.0	170	14.2
16	C	JR 3.5; AR 2.0; JL 5.0; AL 1	AL 1	180	15.6
17	A	JR 3.5; AL 1; JL 4.0: JL 5.0	JL 5.0	200	15.7

Table 1 — Summary of 17 cases of PCI in Anomalous RCA originating from LSOV. The type of Take off, sequence of catheter tried and the successful catheter for engagement presented.

Rotation horaire du cathéter placé dans le tronc commun

CD

TC
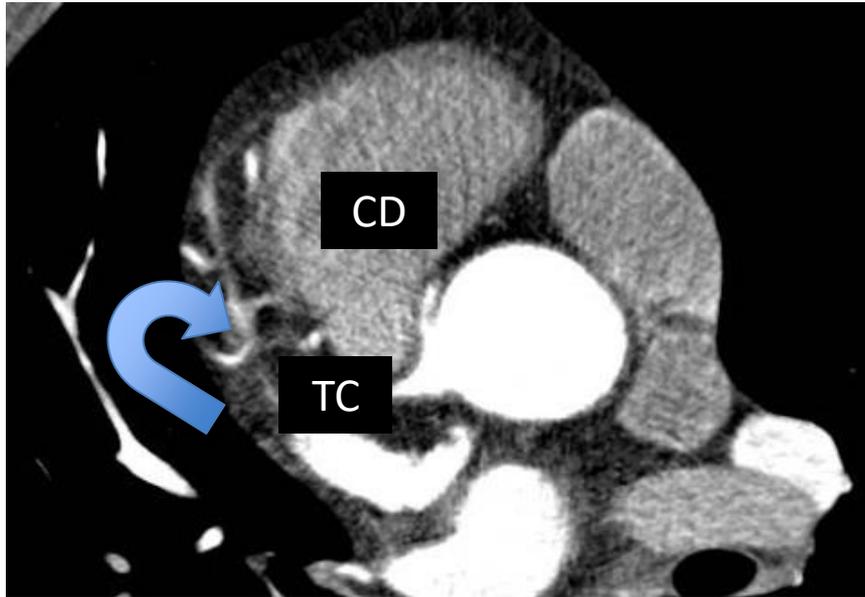
Image inversée du scanner coronaire
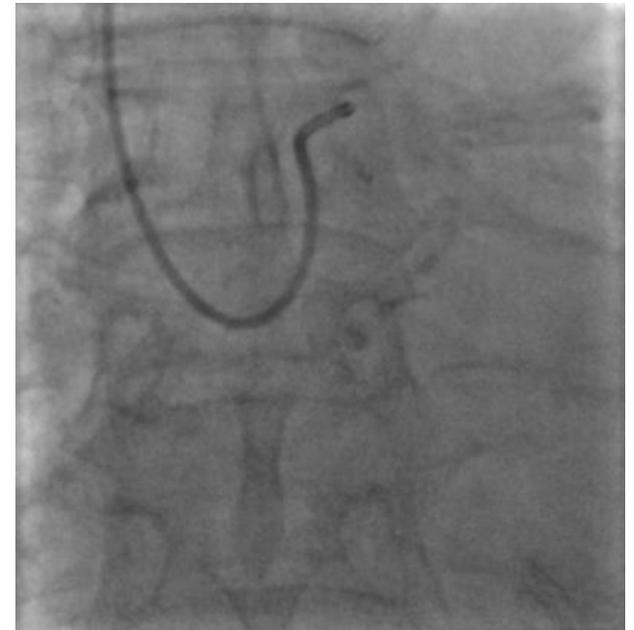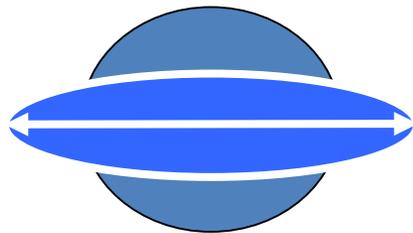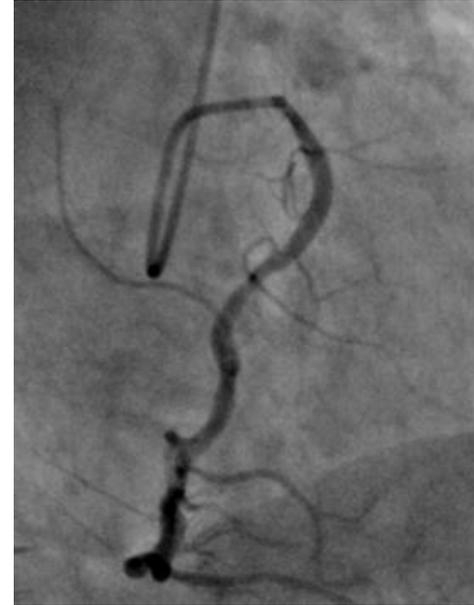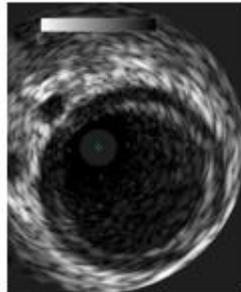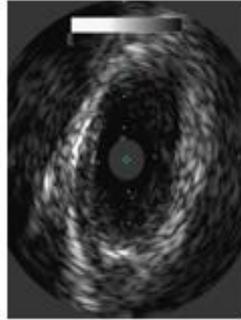
Vue dans le plus grand axe
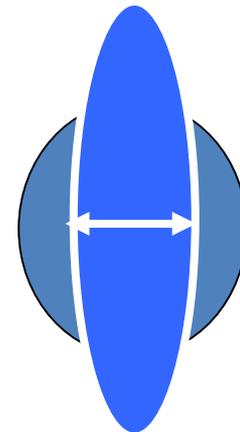
Vue dans le plus petit axe

FFR
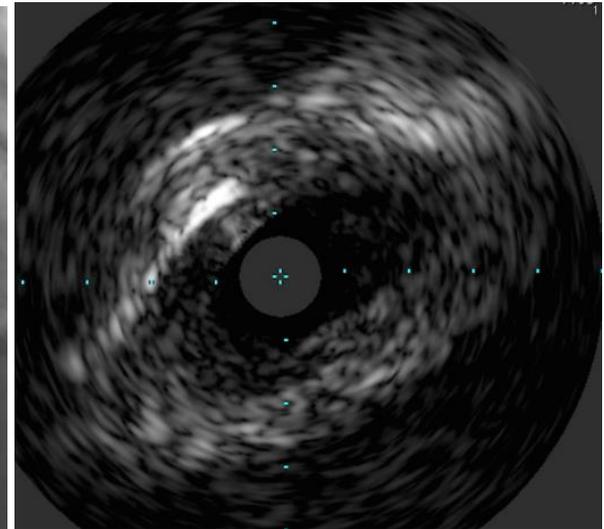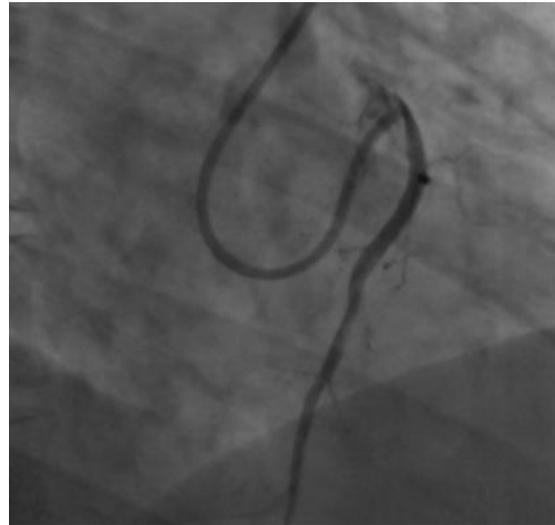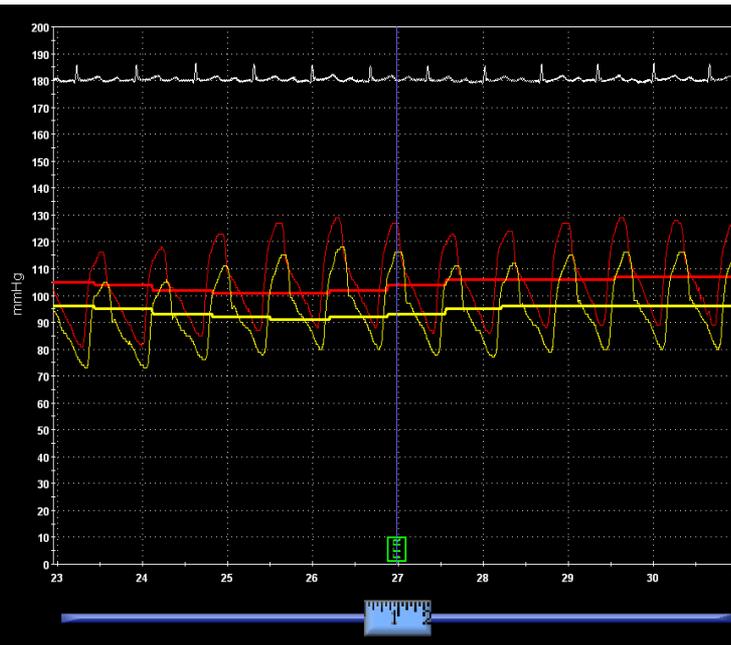
Injection sélective ?

Nature dynamique de la réduction de calibre ostiale ?
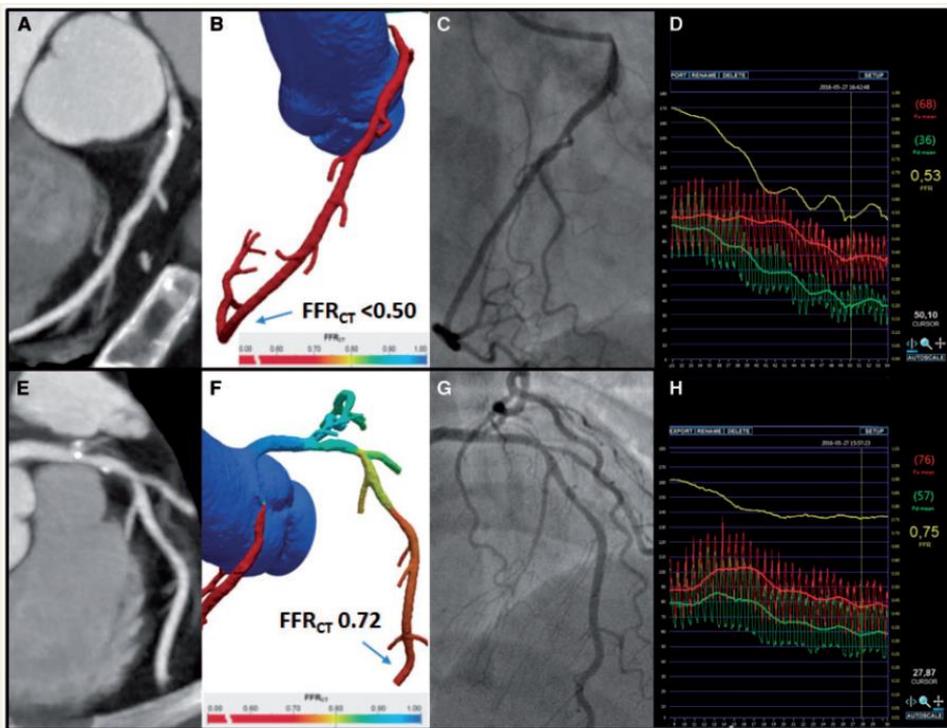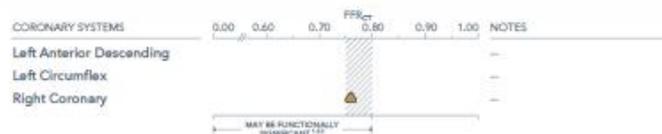
FFR-CT

OCT

Ostium difficile à analyser

Injection semi sélective

Franchissement parfois difficile

Distal tip marker

Guidewire exit port

Pullback length inside the cat

25 mm span for segment length assessment (over-the-wire portion)

Optical lens in forward position (ready for pullback)
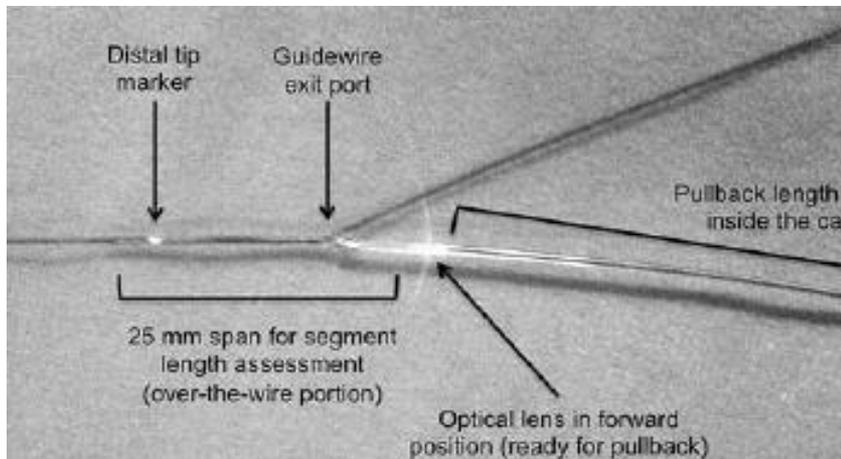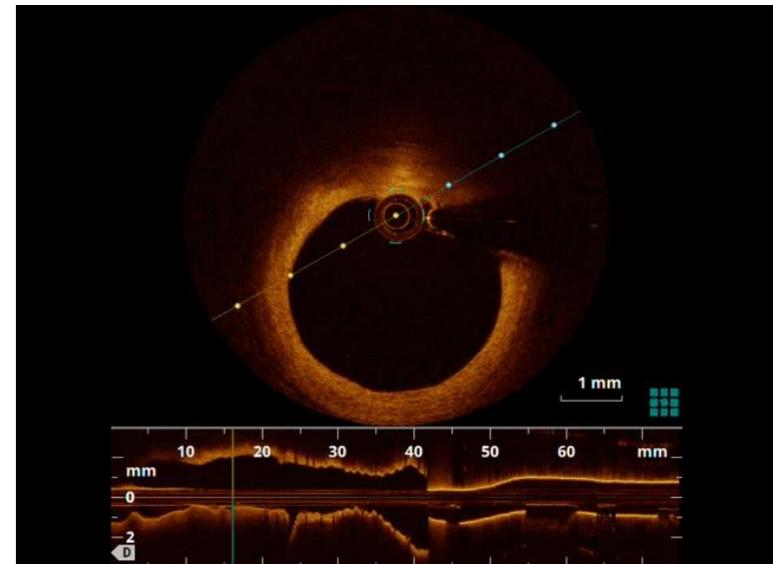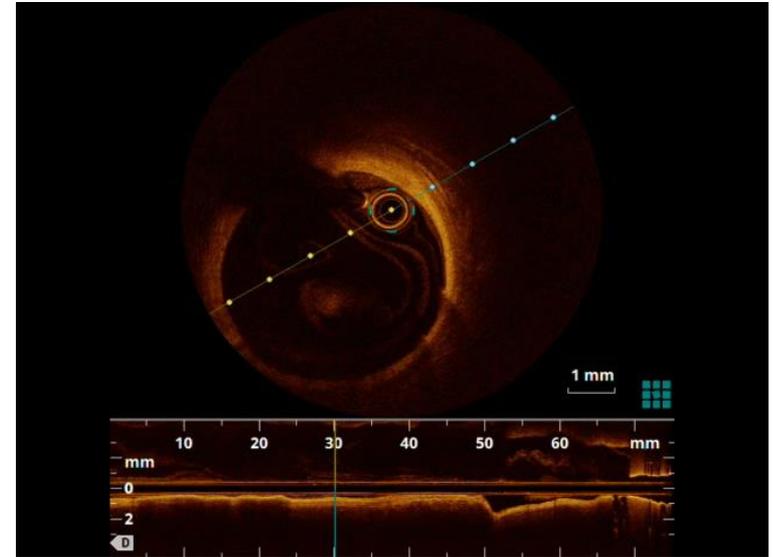
IVUS
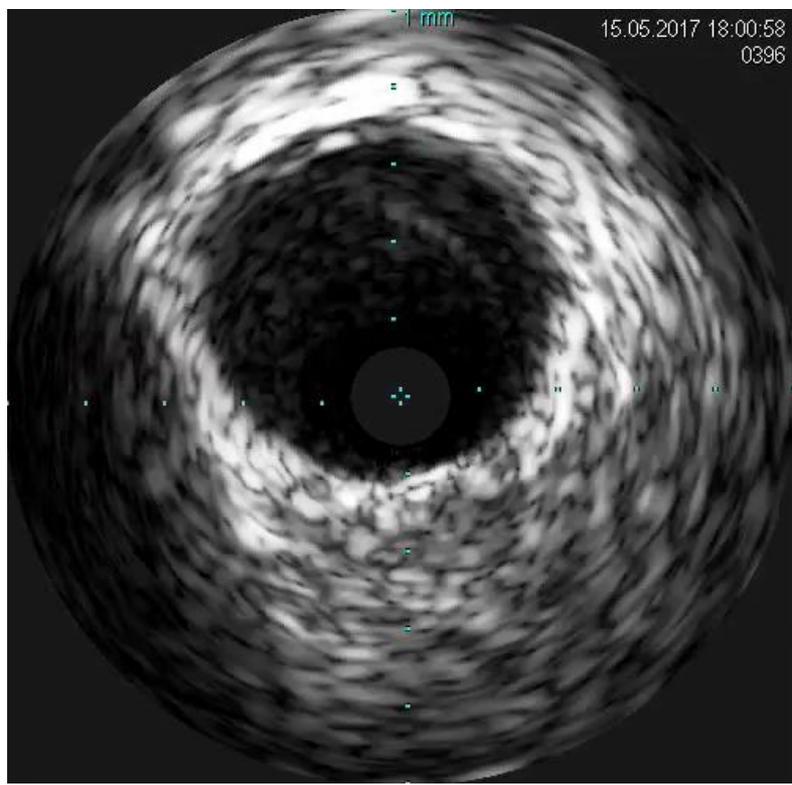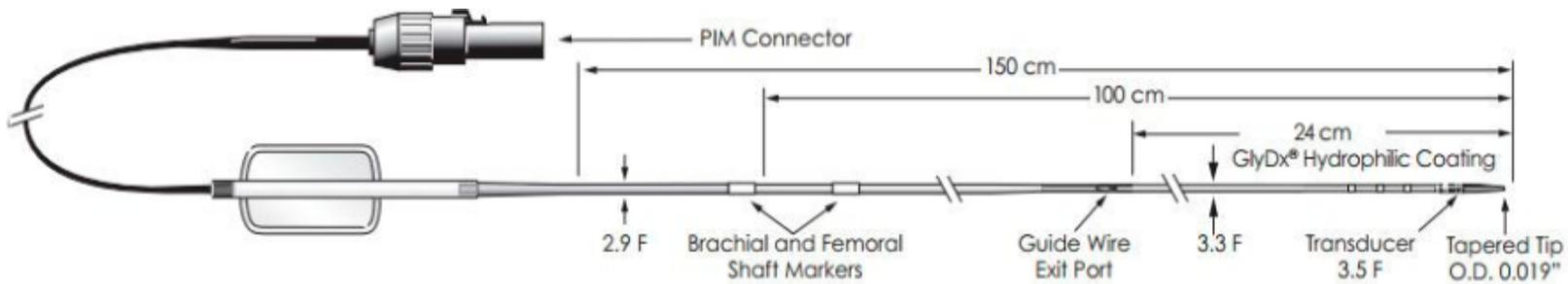
CORONARY ARTERY DISEASE

Editor's Choice

Origin of the Right Coronary Artery from the Opposite Sinus of Valsalva in Adults: Characterization by Intravascular Ultrasonography at Baseline and After Stent Angioplasty

Paolo Angelini,[1,2]* MD, Carlo Uribe,[2] MD, Jorge Monge,[2] MD, Jonathan M. Tobis,[3] MD, MacArthur A. Elayda,[4] MD, PhD, and James T. Willerson,[1] MD

Systole   Diastole
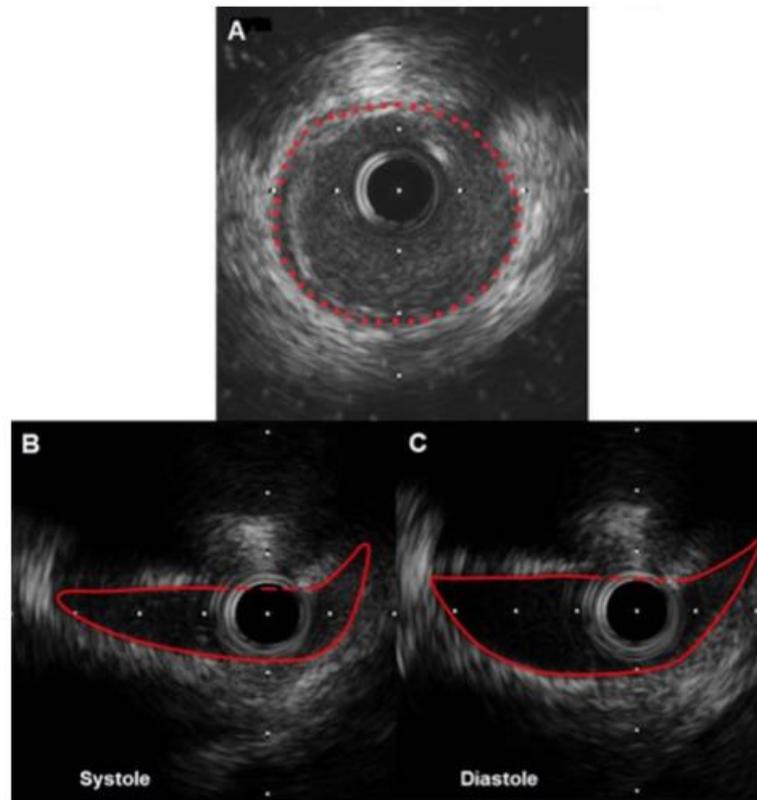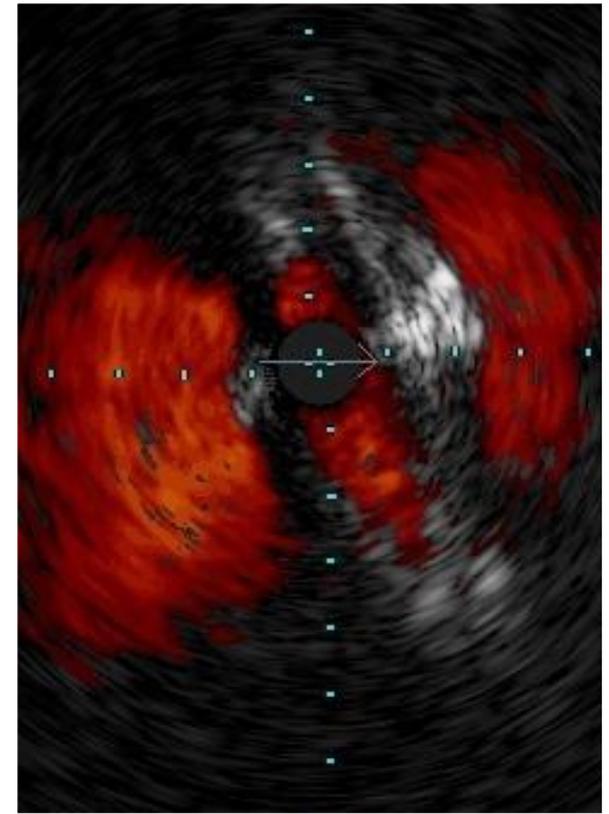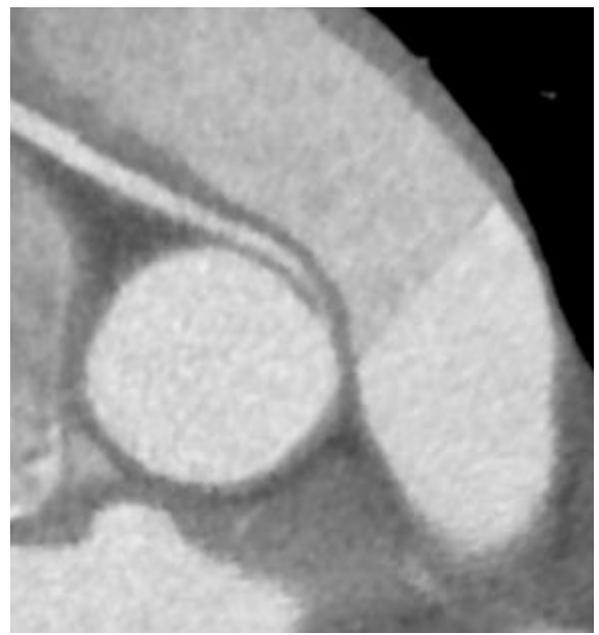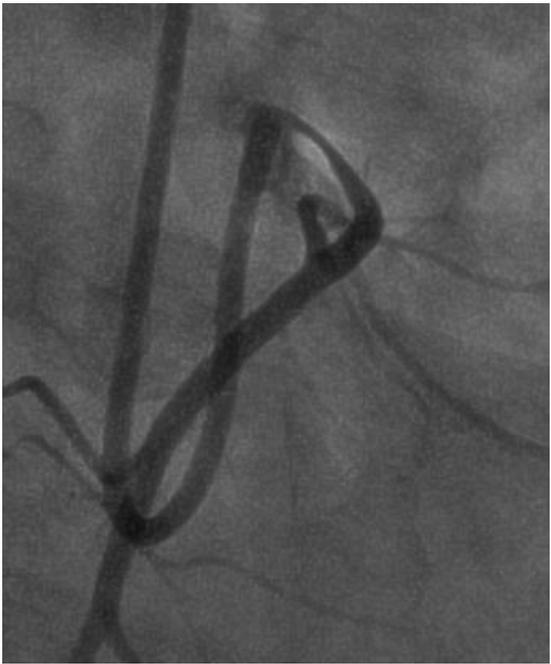
Conclusion

La coronarographie pour les ANOCOR

- Difficultés techniques fréquentes

- Evaluation de la connexion proximale et du lit distal

- Technique d'imagerie complémentaire (IVUS)

- Premier abord avant un geste thérapeutique éventuellement par angioplastie