

Mon ESC en TUNISIE

**La revascularisation myocardique
« Présentation du Cas Clinique »**

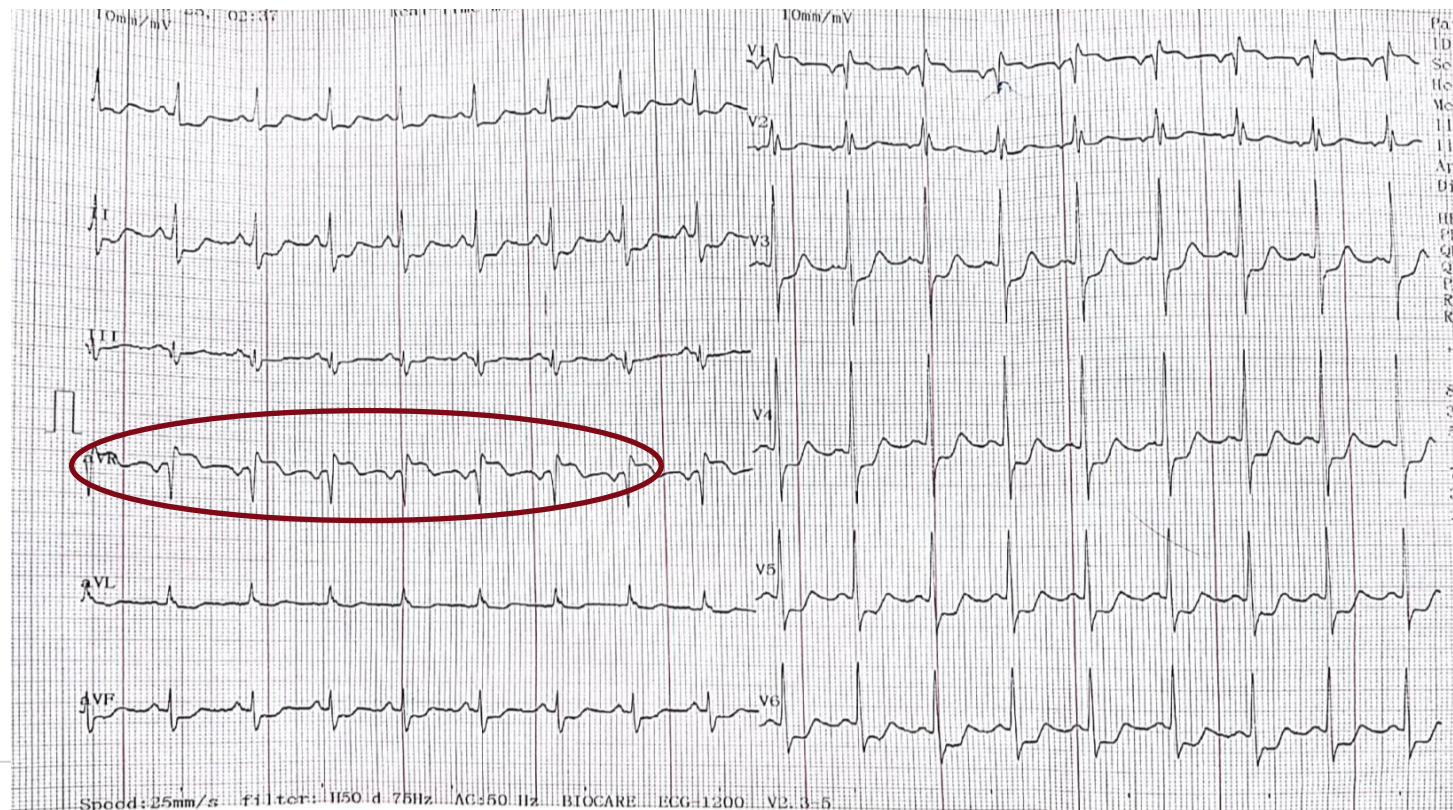
**Pr . Ag Rania HAMMAMI
Service de Cardiologie de SFAX, TUNISIE**

Présentation clinique

- **Am. ALi, 79 ans, Agriculteur, originaire de Gabes**
- **Diabète type 2 sous ADO**
- **Tabagique 55 PA, BPCO++**
- **IRC, creat = 135 μ mol/l , cl créat= 41ml/min**

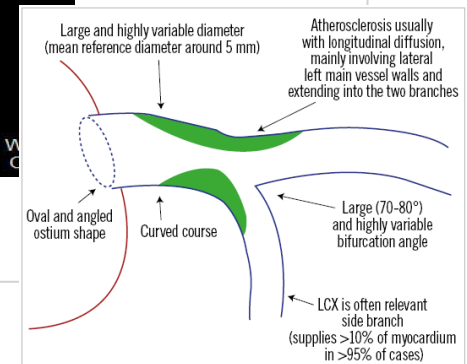
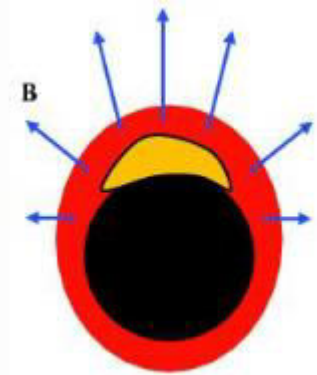
- **SCA ST- tropo- (angor de repos+++)**
- **Dyspnée d'effort évoluant depuis une année**

- **PA=120/80mmHg, FC 89b/min**
- **pouls présents et symétriques**
- **Pas de souffles cardiaques**
- **Pas de souffles carotidiens**
- **Pas de signes d'insuffisance cardiaque**
- **Sibilants diffus**



- **Echo-cœur:**
 - **FeVG 38%,**
 - VG non dilaté, **hypokinésie antérieure et akinésie inférieure**
 - IM grade I
 - Cavités droites peu dilatées, IT minime, PAPS 40mmHg

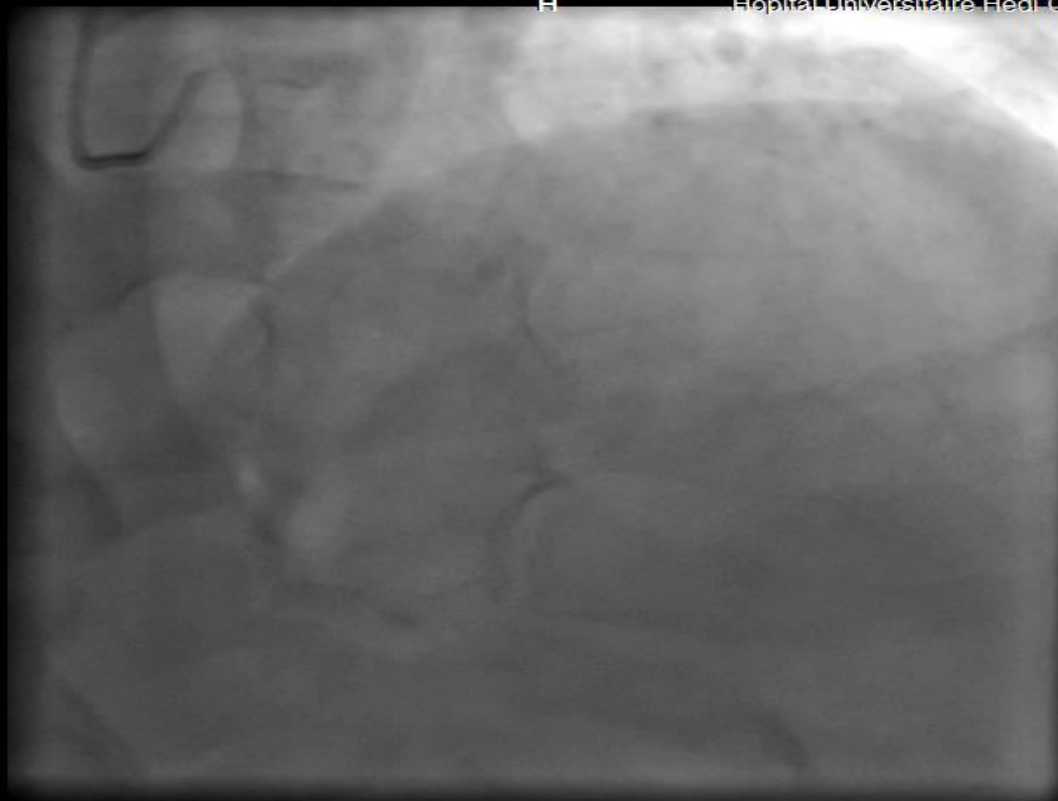
Coronarographie



II,ALI
ID: CORO 20674
* 01/05/1939, M
Study 1
20/06/2018
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1 IMA -20 FRM 1 AFPS 9

H

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R

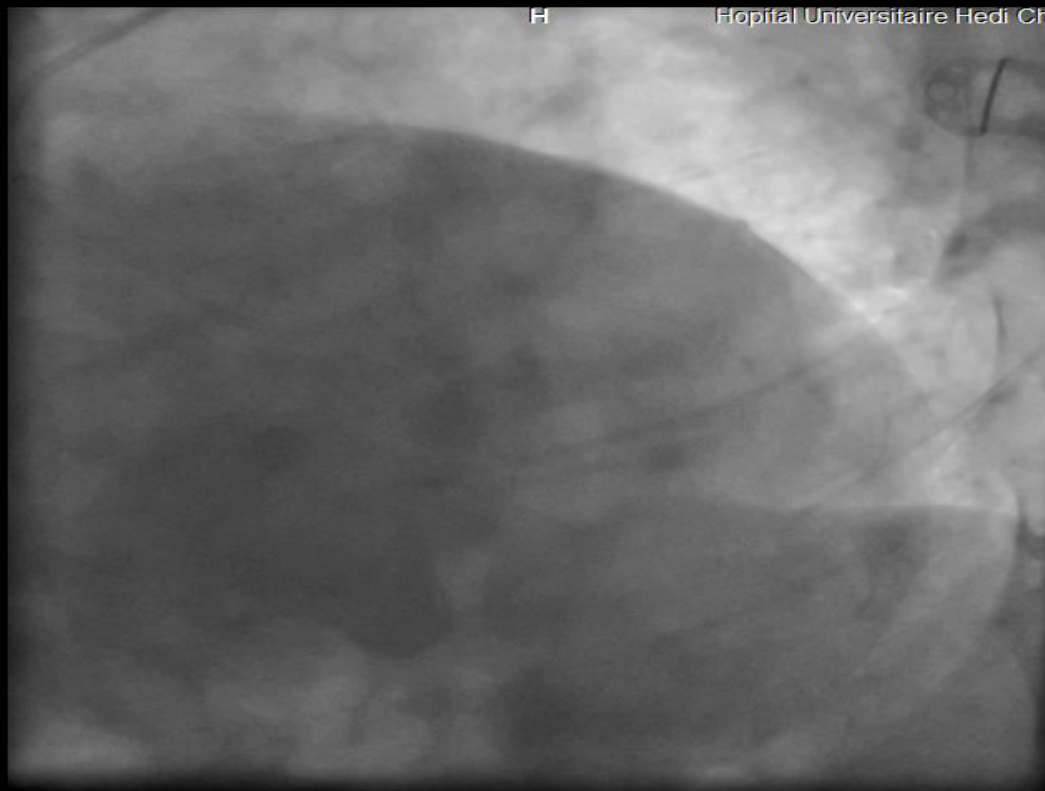
Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CRA 38
RAO 16

W: 143
C: 128

ALI
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Study 1
20/06/2018
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A

Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CAU 29
LAO 54



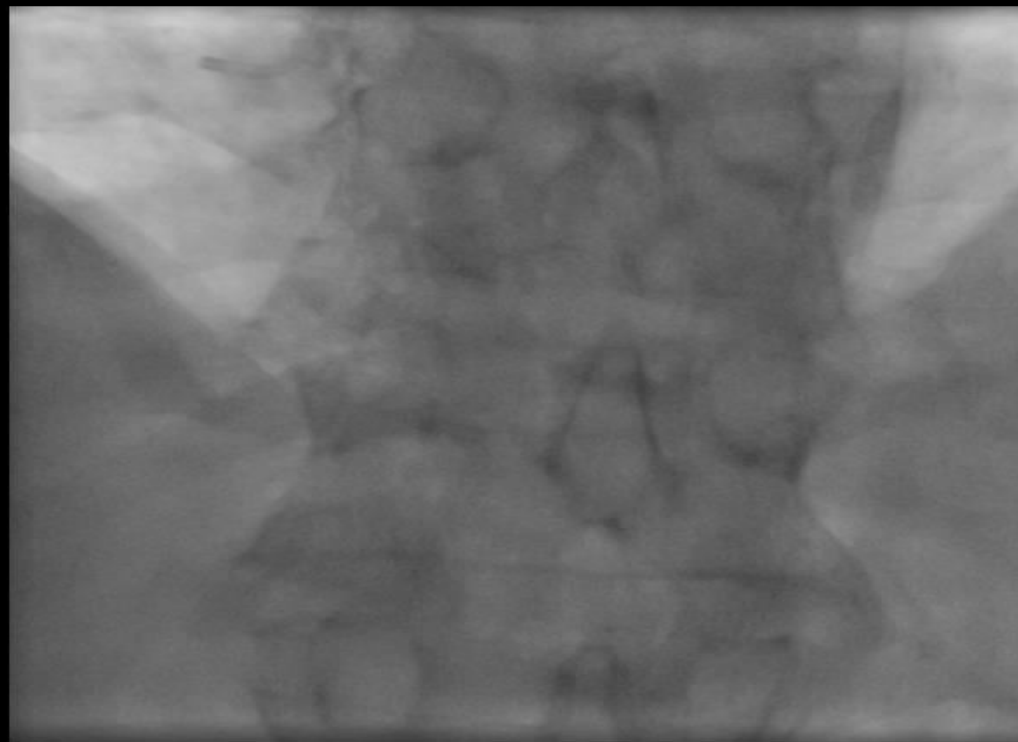
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AXIOM-Artis
HFS

W: 143
C: 128

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Study 1
20/06/2018
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H

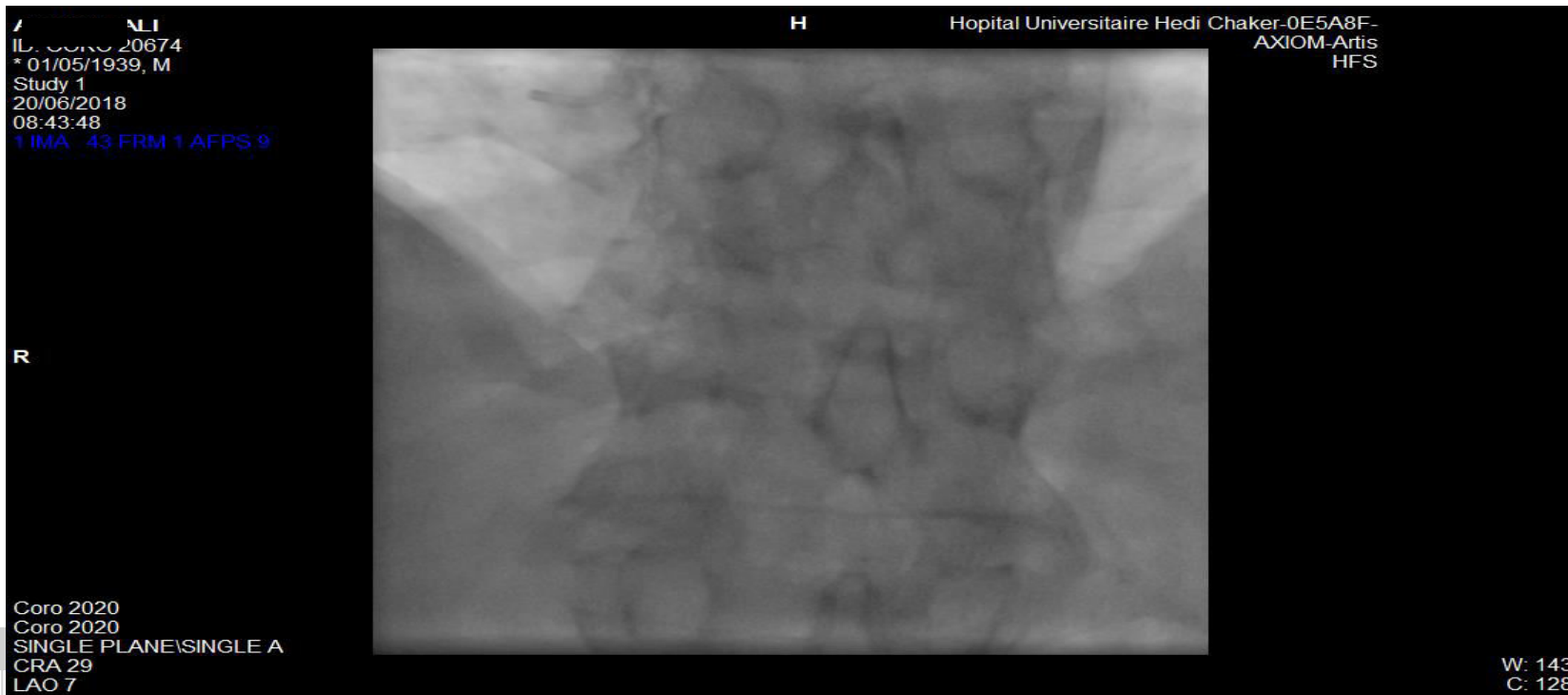
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Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CRA 29
LAO 7

W: 143
C: 128



Syntax Score I: 30

SYNTAX Score I

Lesion 1

segment number(s)	5
(segment 2): 1x5=	1
Age T.O. is yes	1
+ Bridging	1
the first segment beyond the T.O. visualized by contrast: 3	0
+ sidebranch: Yes, all sidebranches <1.5mm	1
Heavy calcification	2
<i>Sub total lesion 1</i>	<i>10</i>

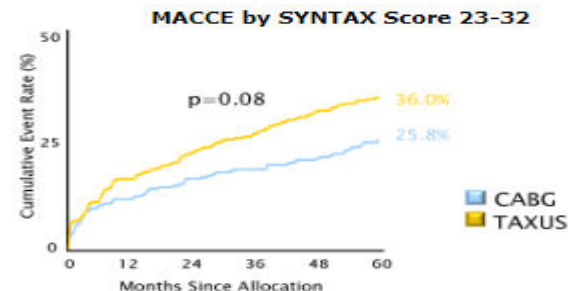
Lesion 2

(segment 5): 5x2=	10
Trifurcation 1 diseased segment(s) involved	3
Aorto Ostial lesion	1
Length >20 mm	1
Heavy calcification	2
<i>Sub total lesion 2</i>	<i>17</i>

Lesion 3

(segment 12): 1x2=	2
Length >20 mm	1
<i>Sub total lesion 3</i>	<i>3</i>

TOTAL: 30



Syntaxe score II

SYNTAX Score II

SYNTAX II

Decision making -between CABG and PCI- guided by the SYNTAX Score II to be endorsed by the Heart Team.

PCI

SYNTAX Score II:

49.7

PCI 4 Year Mortality:

30.9 %

CABG

SYNTAX Score II:

58.2

CABG 4 Year Mortality:

53.0 %

Treatment recommendation ⓘ:

CABG or PCI

Euroscore II: 8,4%

Patient related factors			Cardiac related factors		
Age ¹ (years)	79	0.57	NYHA	II	.1070545
Gender	male	0	CCS class 4 angina ⁸	yes	.2226147
Renal impairment ² See calculator below for creatinine clearance	severe (CC <50)	.8592256	LV function	moderate (LVEF 31%-50%)	.3150652
Extracardiac arteriopathy ³	no	0	Recent MI ⁹	no	0
Poor mobility ⁴	no	0	Pulmonary hypertension ¹⁰	no	0
Previous cardiac surgery	no	0	Operation related factors		
Chronic lung disease ⁵	yes	.1886564	Urgency ¹¹	urgent	.3174673
Active endocarditis ⁶	no	0	Weight of the intervention ¹²	isolated CABG	0
Critical preoperative state ⁷	no	0	Surgery on thoracic aorta	no	0
Diabetes on insulin	yes	.3542749			
EuroSCORE II	8.40 %				

STS score

RISK SCORES

About the STS Risk Calculator

Procedure: CAB Only

Risk of Mortality: 6.069%

Morbidity or Mortality: 26.151%

Long Length of Stay: 13.801%

Short Length of Stay: 15.794%

Permanent Stroke: 1.83%

Prolonged Ventilation: 20.339%

DSW Infection: 0.827%

Malade à haut risque PCI ou CABG ou geste hybride??

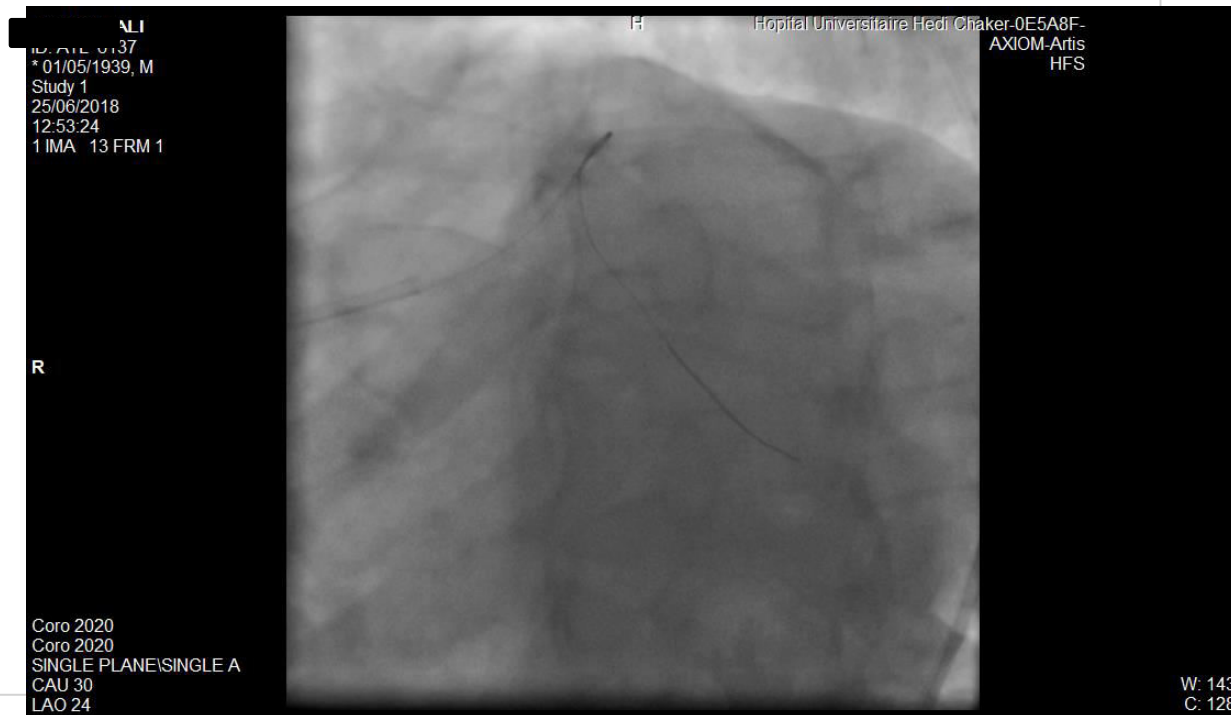
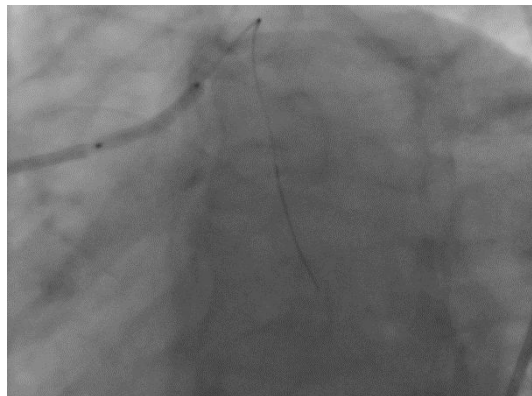


- **Consentement Ecrit ?+++**
- **Commencer par le TCG ou la désobstruction de la CD ?**
- **Support hémodynamique: Ballon de contre pulsion
??....Impella (Protect II)**
- **Imagerie endocoronaire++ ou au moins un coroscanner**
- **Rotablator**

صفاقتس في 24 جوان 2018 .
إلى العضو أسفله على [redacted] صاحب بطاقة
تخريف عدد 05088821 ، أرفض عليه
جراحة القلب وقم تمّ إعلامي بمخاطر
عالية القسطرة وقبلت بذلك .



Préparation de la lésion: Pré-dilatation du TCG (ballon NC 2,75/20)



ATL , stent Xience 3,5/38

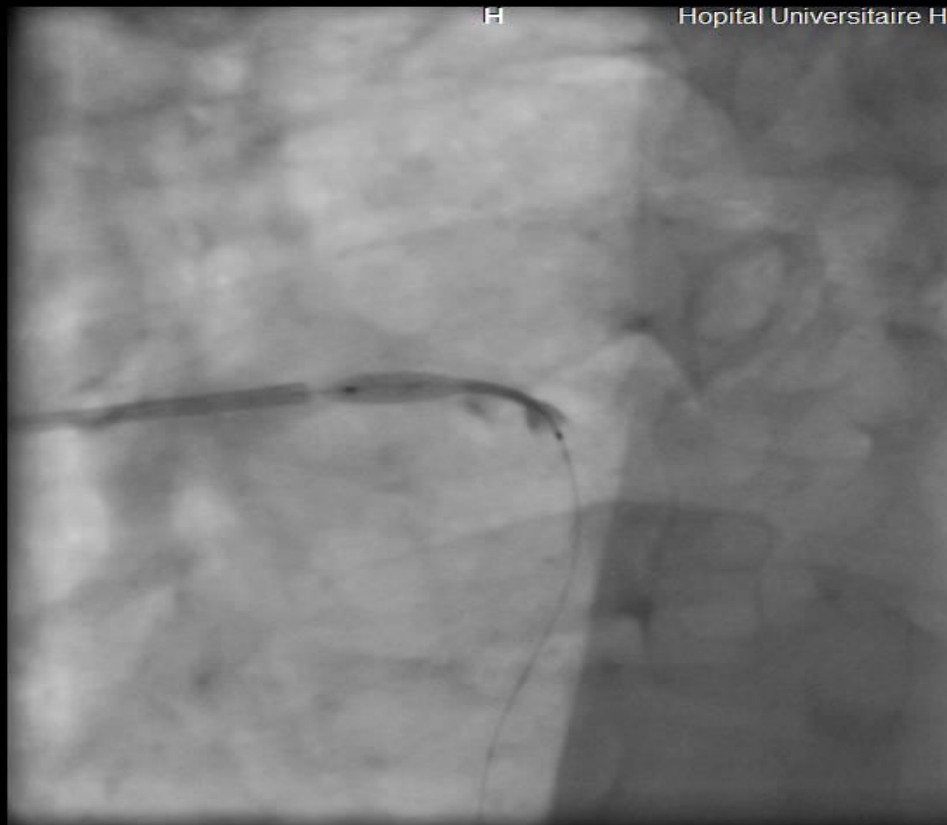
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* 01/05/1939, M
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25/06/2018
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1 IMA 5 FRM 1

H

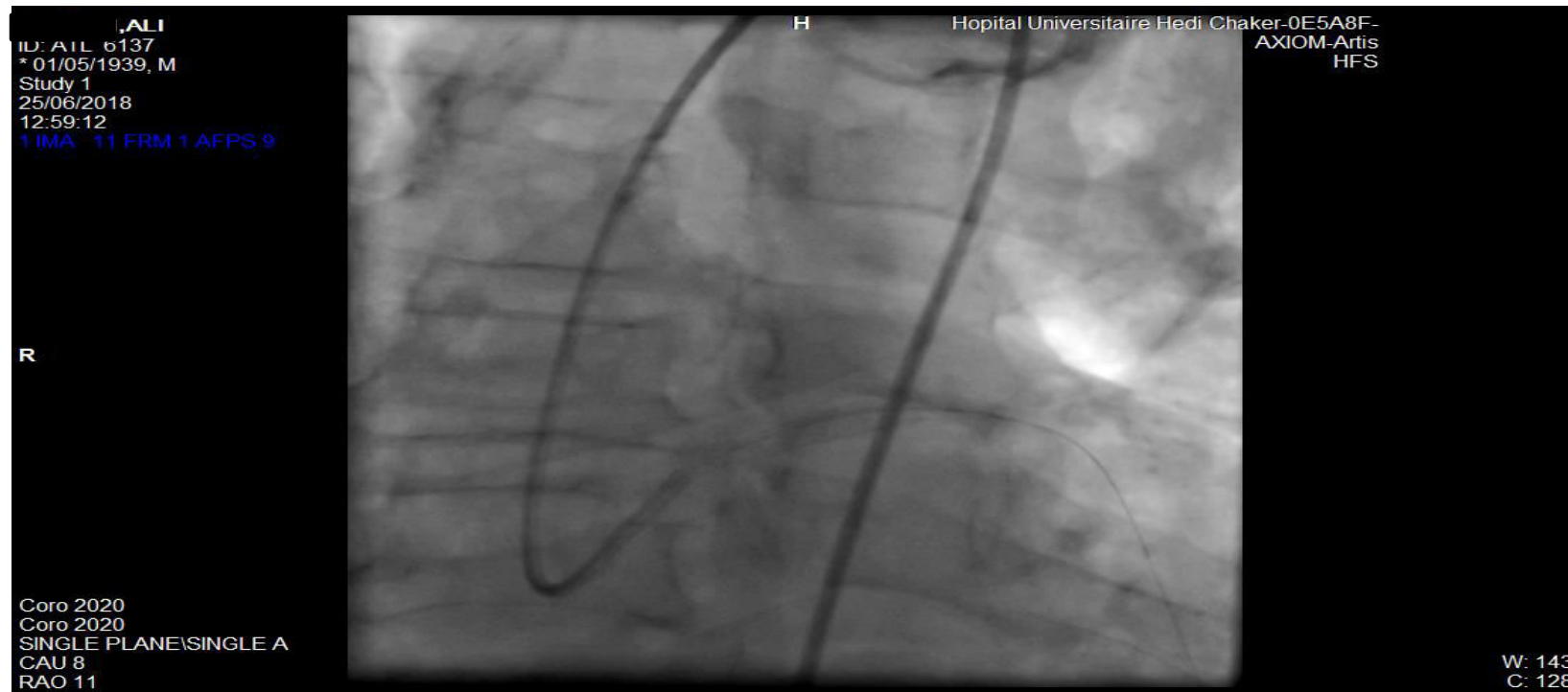
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R

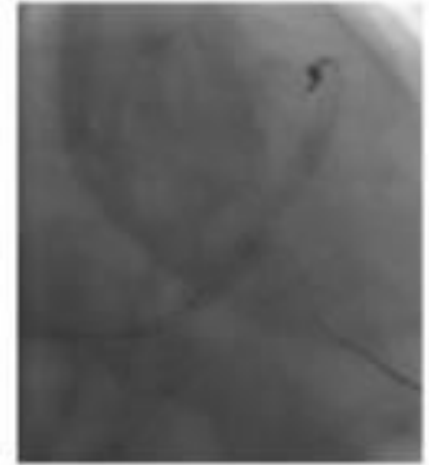
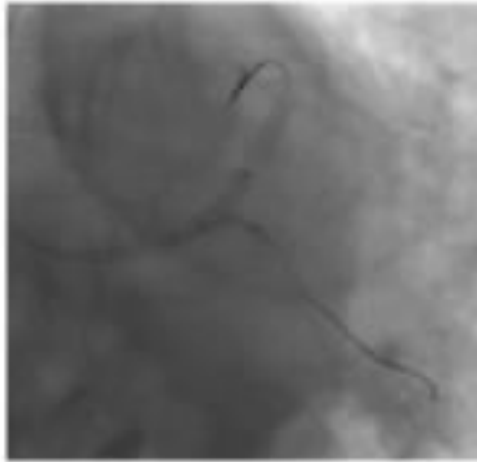
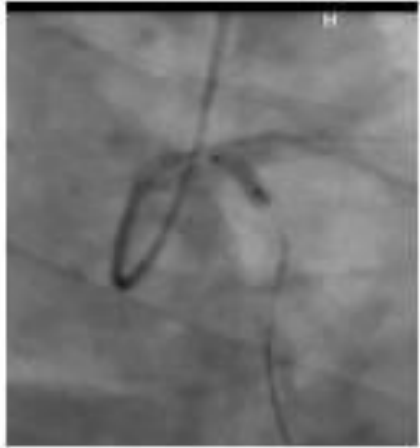
Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CRA 24
LAO 30



W: 143
C: 118



POT (ballon 4mm)_Kissing_ RePOT



Résultat final

II,ALI
ID: ATL 6137
* 01/05/1939, M
Study 1
25/06/2018
13:14:32
1 IMA 12 FRM 1 AFPS 9

R

Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CAU 36
LAO 27



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AXIOM-Artis
HFS

W: 143
C: 128

- Amélioration de la dyspnée
 - Angor aux grands efforts sous traitement médical maximal
 - FeVG 50%, akinésie inférieure
 -
 - Scintigraphie de viabilité +ischémie : **viabilité en inférieur**, pas d'ischémie dans le territoire latérale
- coro de contrôle et discuter la désobstruction de la CD

II,ALI
ID: ATL 6373
* 01/05/1939, M
Study 1
08/10/2018
14:08:35
1 IMA 21 FRM 1

H

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AXIOM-Artis
HFS



R

Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CAU 10
RAO 22

W: 143
C: 119

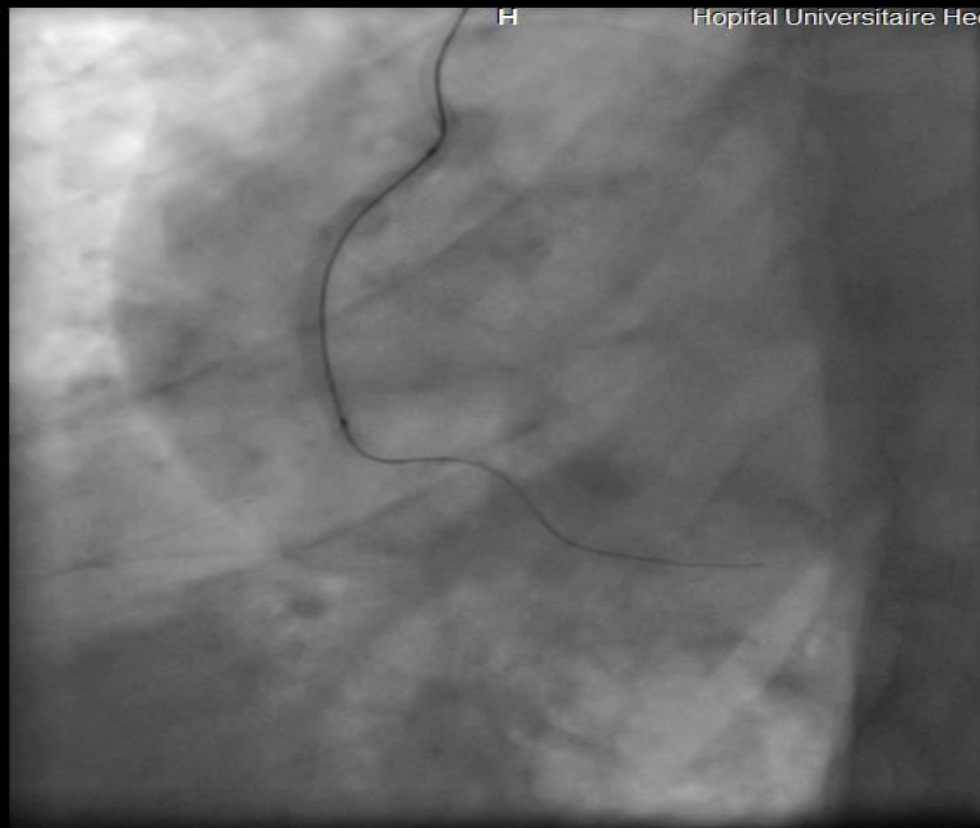
Catheter AL 2, Filder XT

Desobstruction de la CD (Xience 3,5/48)

II,ALI
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* 01/05/1939, M
Study 1
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R

Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CAU 30
LAO 21



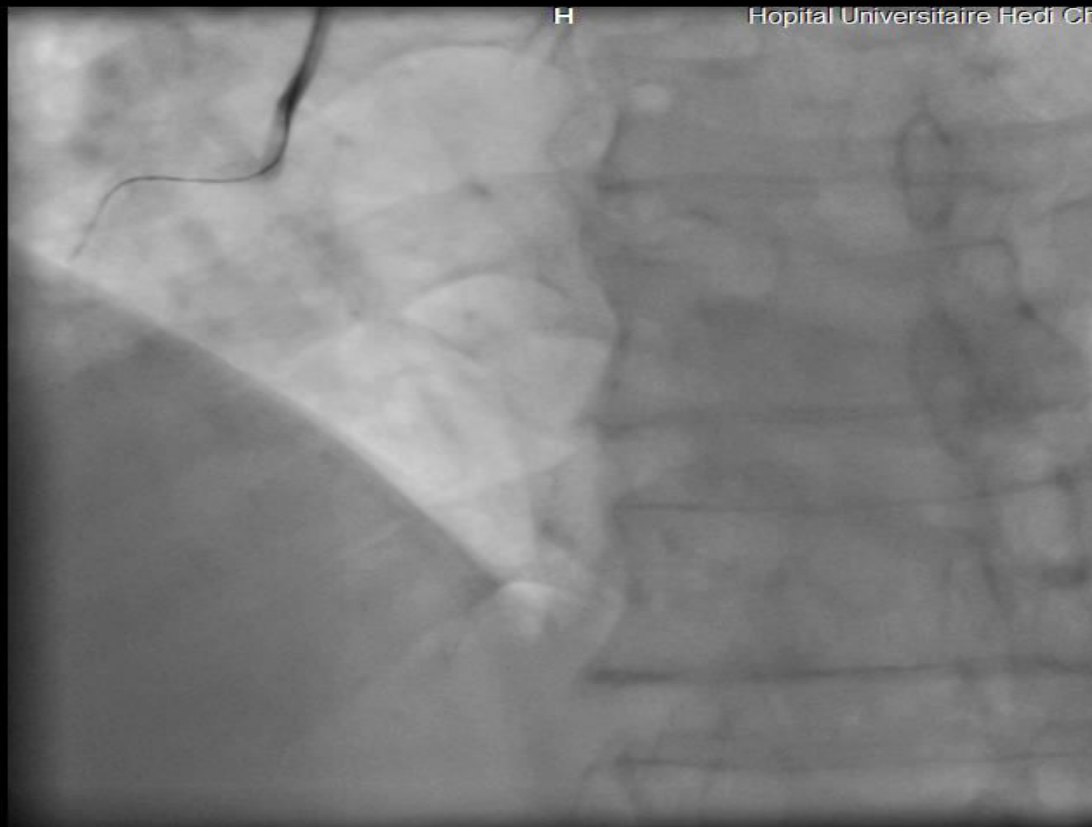
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AXIOM-Artis
HFS

W: 14
C: 12

II,ALI
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* 01/05/1939, M
Study 1
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R

Coro 2020
Coro 2020
SINGLE PLANE\SINGLE A
CRA 15
LAO 12

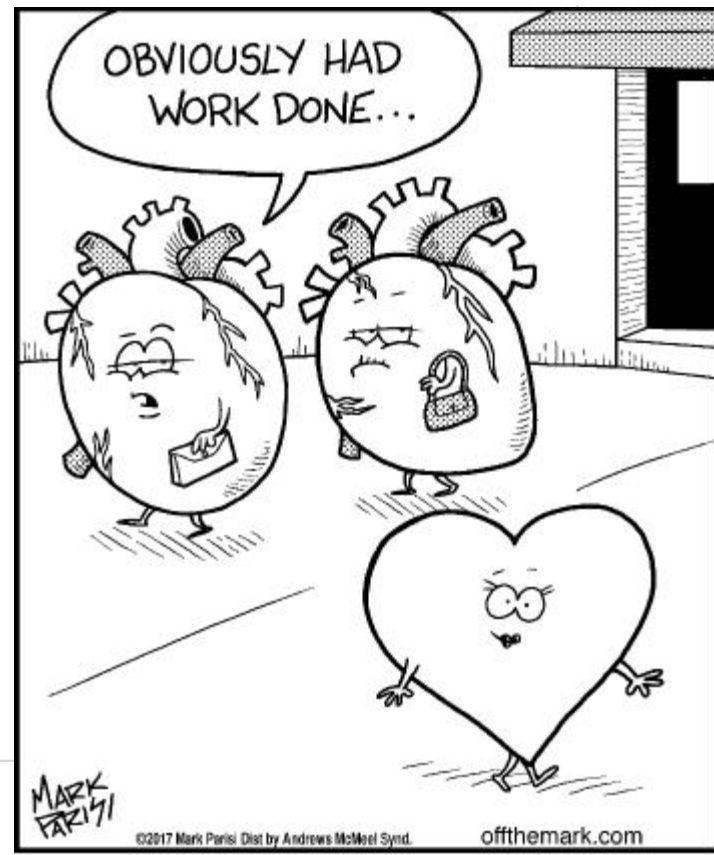


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W: 143
C: 112

Complete revascularisation ?

Yes





Merci pour votre attention
Enjoy TABARKA....

