

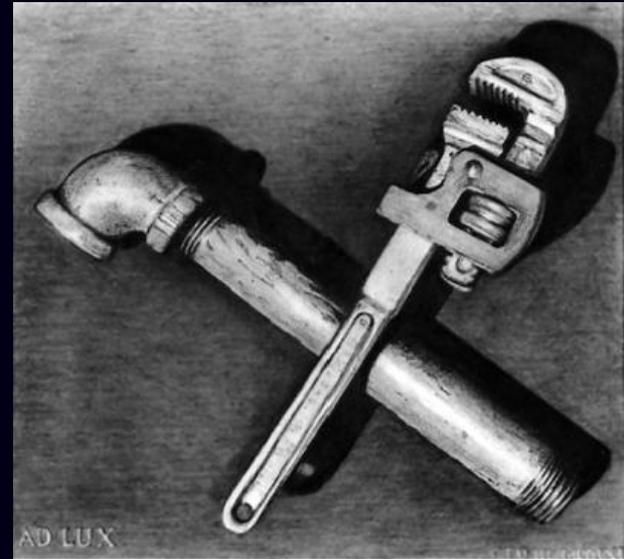
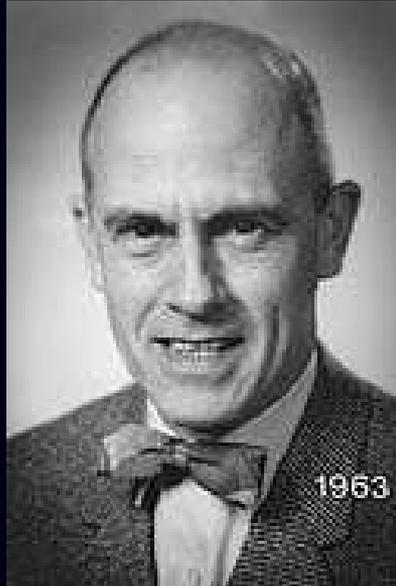
Vascular & Interventional Radiology Symposium for Medical students

STENTING and ANGIOPLASTY

Claudio Schönholz, MD

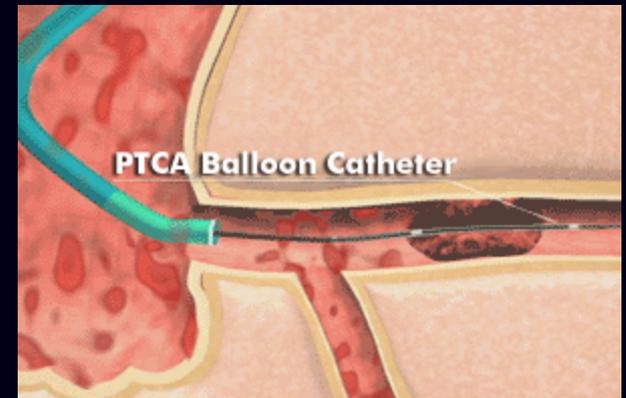
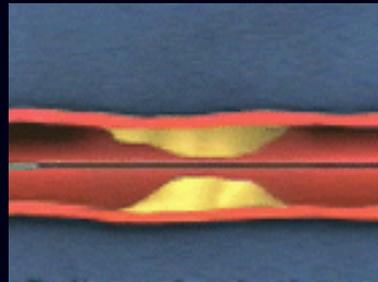
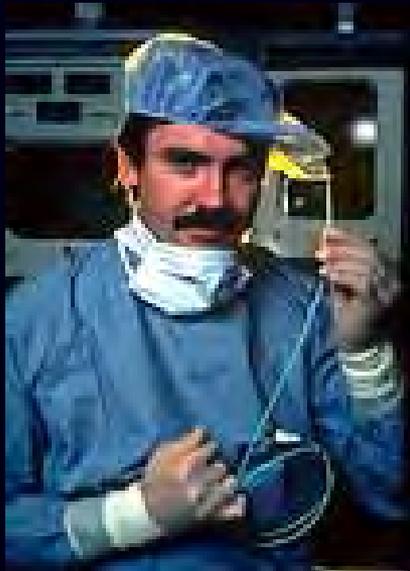


Charles T. Dotter (1920-1985)



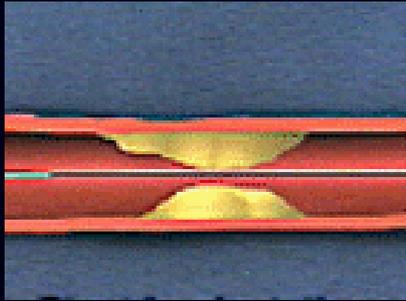
“It’s a gross oversimplification of course, but it means to me that if a plumber can do it to pipes, we can do it to blood vessels”

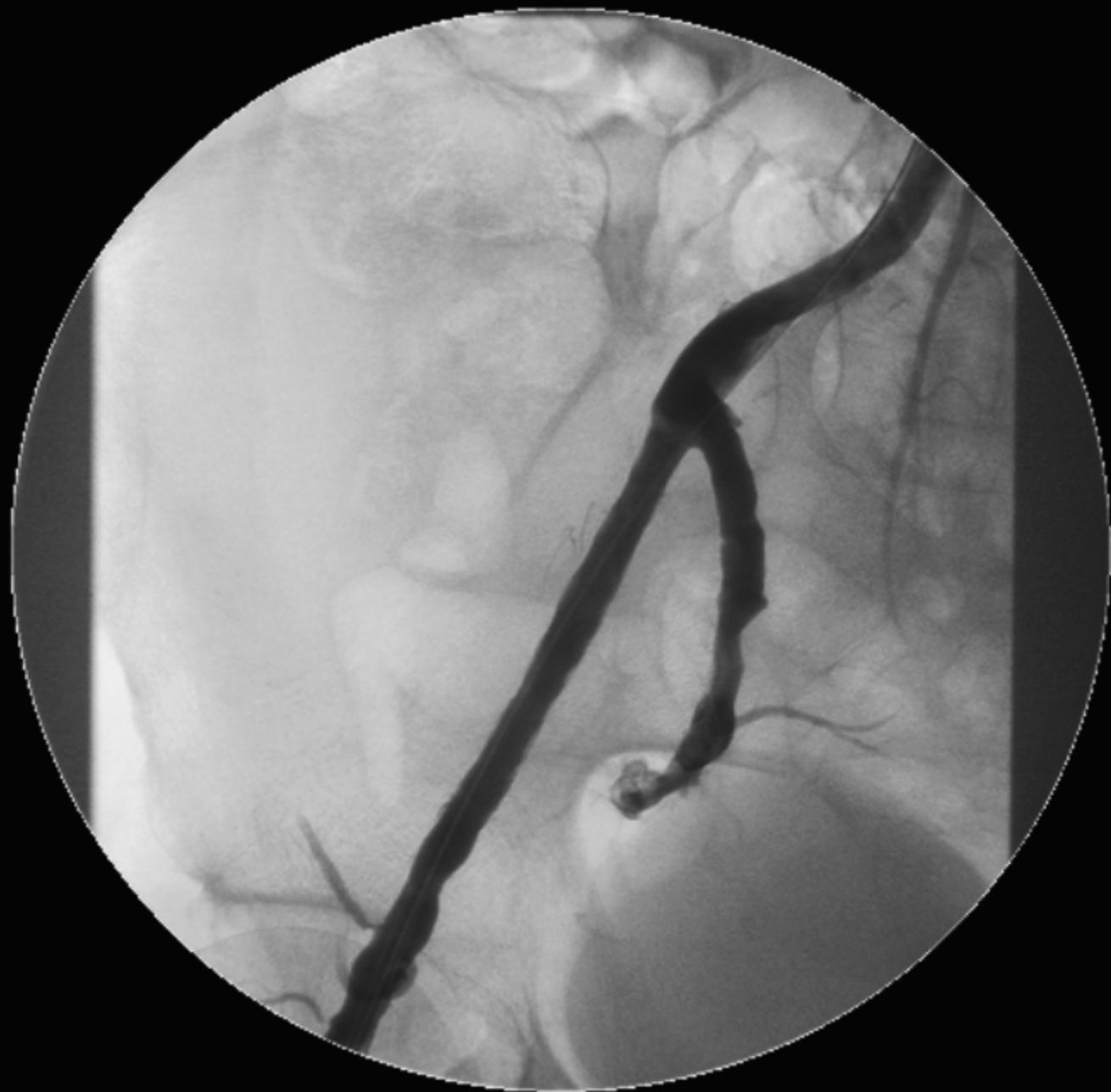
Andreas R. Gruentzig (1939-1985)



1974 — Andreas Gruentzig performs first peripheral human balloon angioplasty

JULIO PALMAZ





SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
BIFURCACION/ILIACA/A
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



Serie: 1
Imagen: 11
SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
PLANIFICACION STENT
20/01/95

Vent: 0
Niv: 1.10

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION

SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
POST-1000000
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



Serie: 7
Imagen: 24
KISSING BALLOON
20/01/95

Vent: 0
Niv: 1.00

SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
PLANIFICACION STENT
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



Serie: 9
Imagen: 11

Vent: - 88
Niv: 2.00

KISSING BALLOON
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



Serie: 10
Imagen: 2

Vent: - 88
Niv: 1.90

SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
POST-STENT-OSTIAL
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



Serie: 11
Imagen: 11

Vent: 0
Niv: 1.00

SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
PLANIFICACION STENT
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION

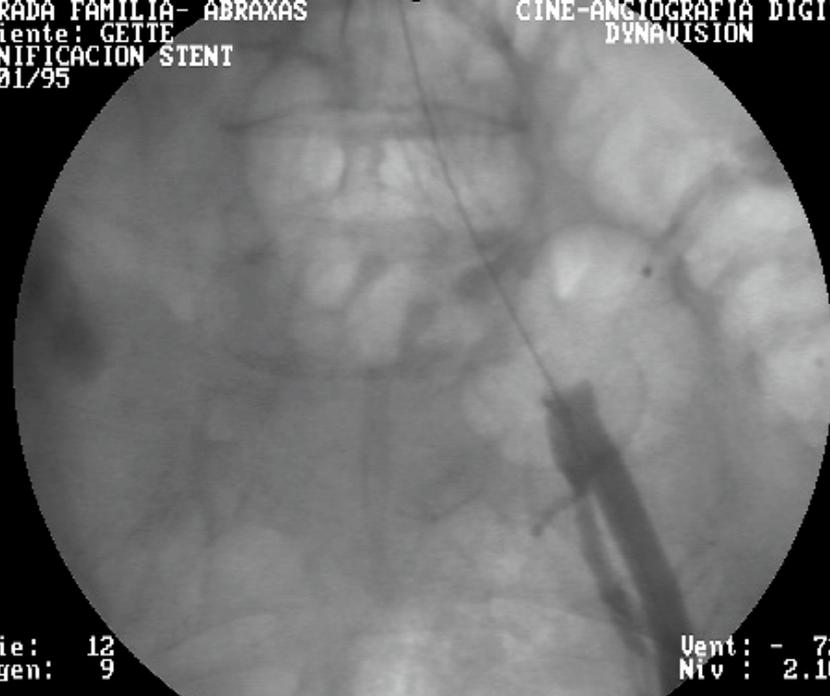


Serie: 12
Imagen: 9

Vent: 0
Niv: 1.00

SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
PLANIFICACION STENT
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



Serie: 12
Imagen: 9

Vent: - 72
Niv: 2.10

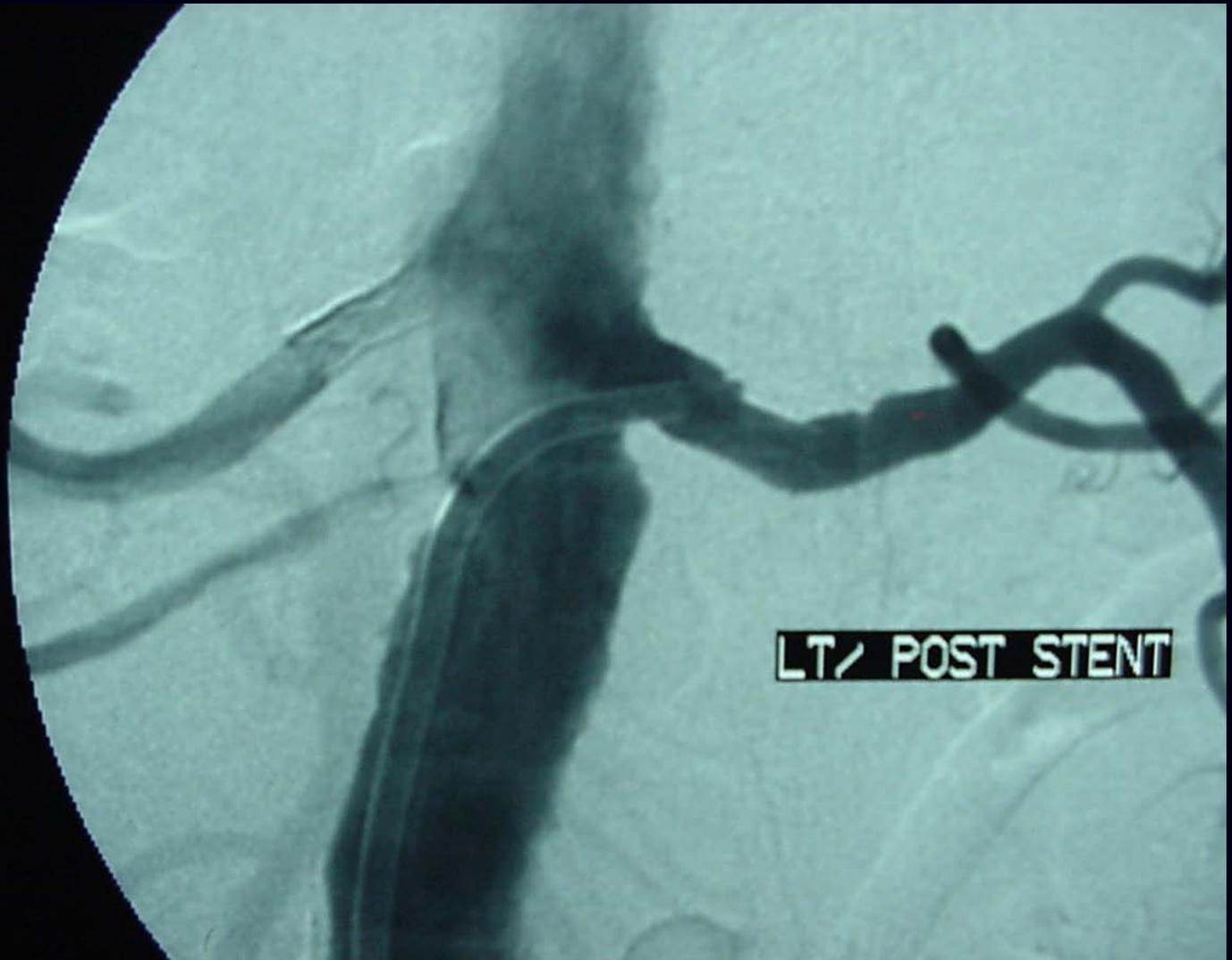
SAGRADA FAMILIA- ABRAXAS
Paciente: GETTE
CONTROL FINAL
20/01/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION

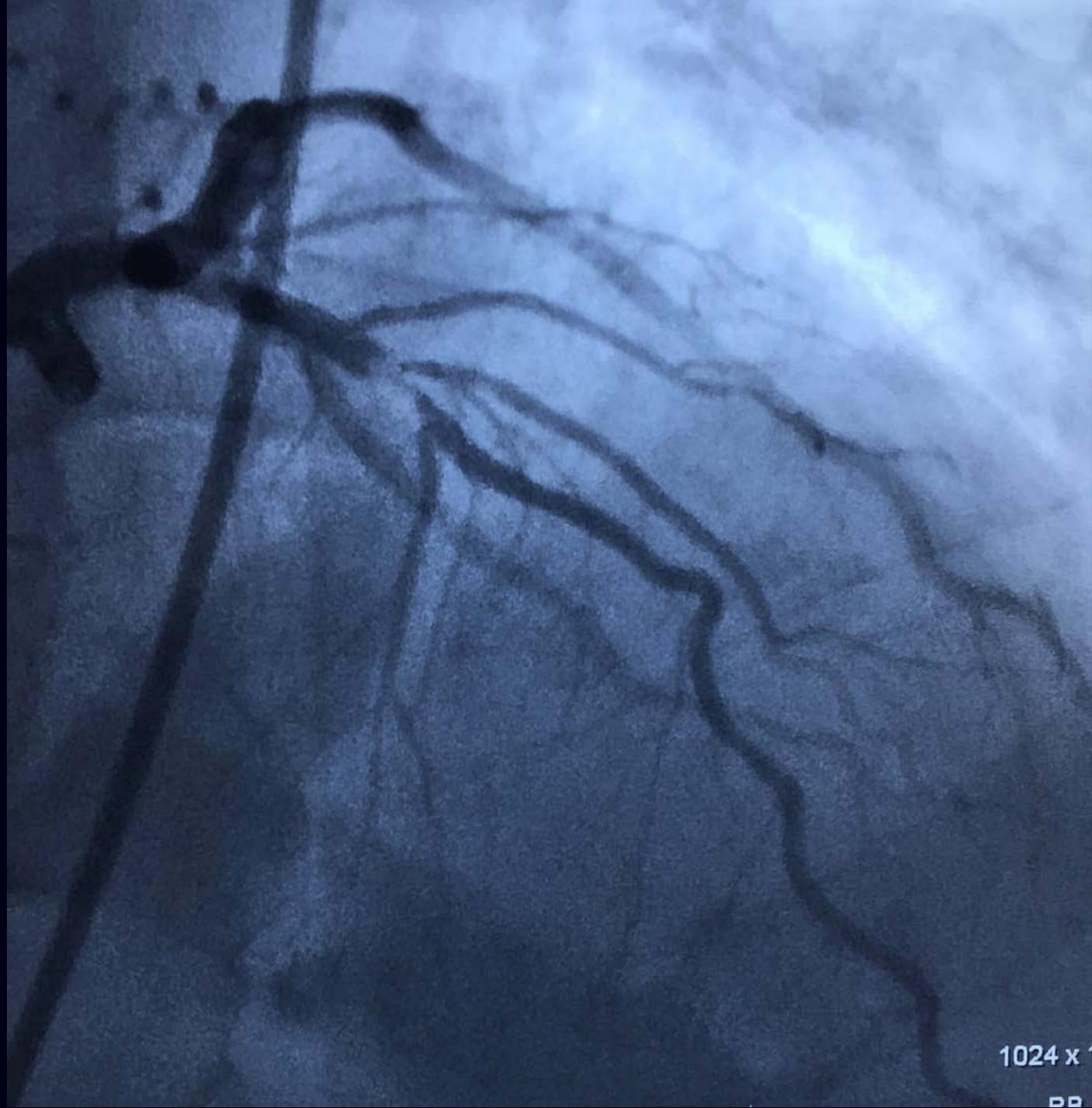


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Imagen: 14

Vent: 0
Niv: 1.00

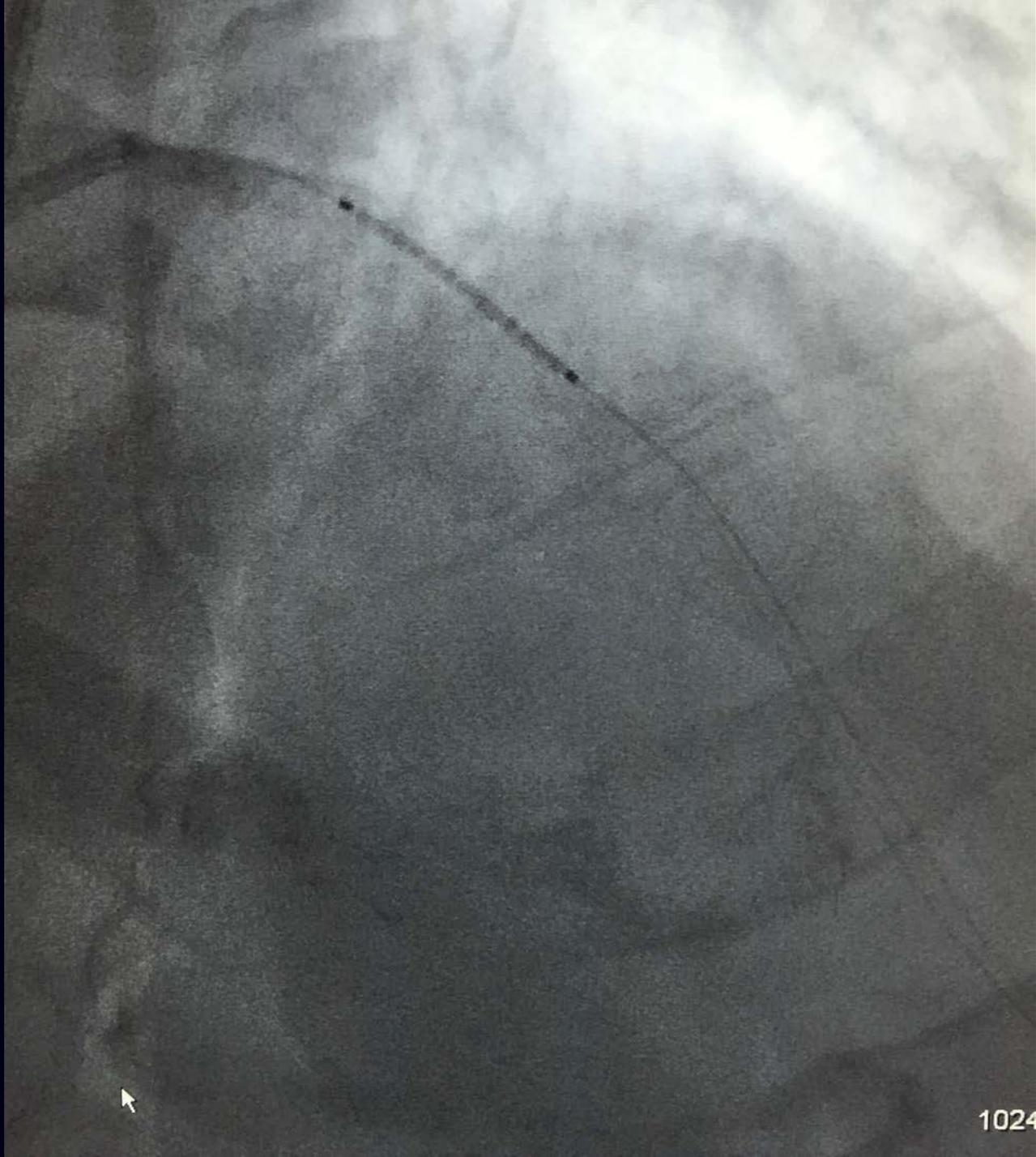


LT / POST STENT



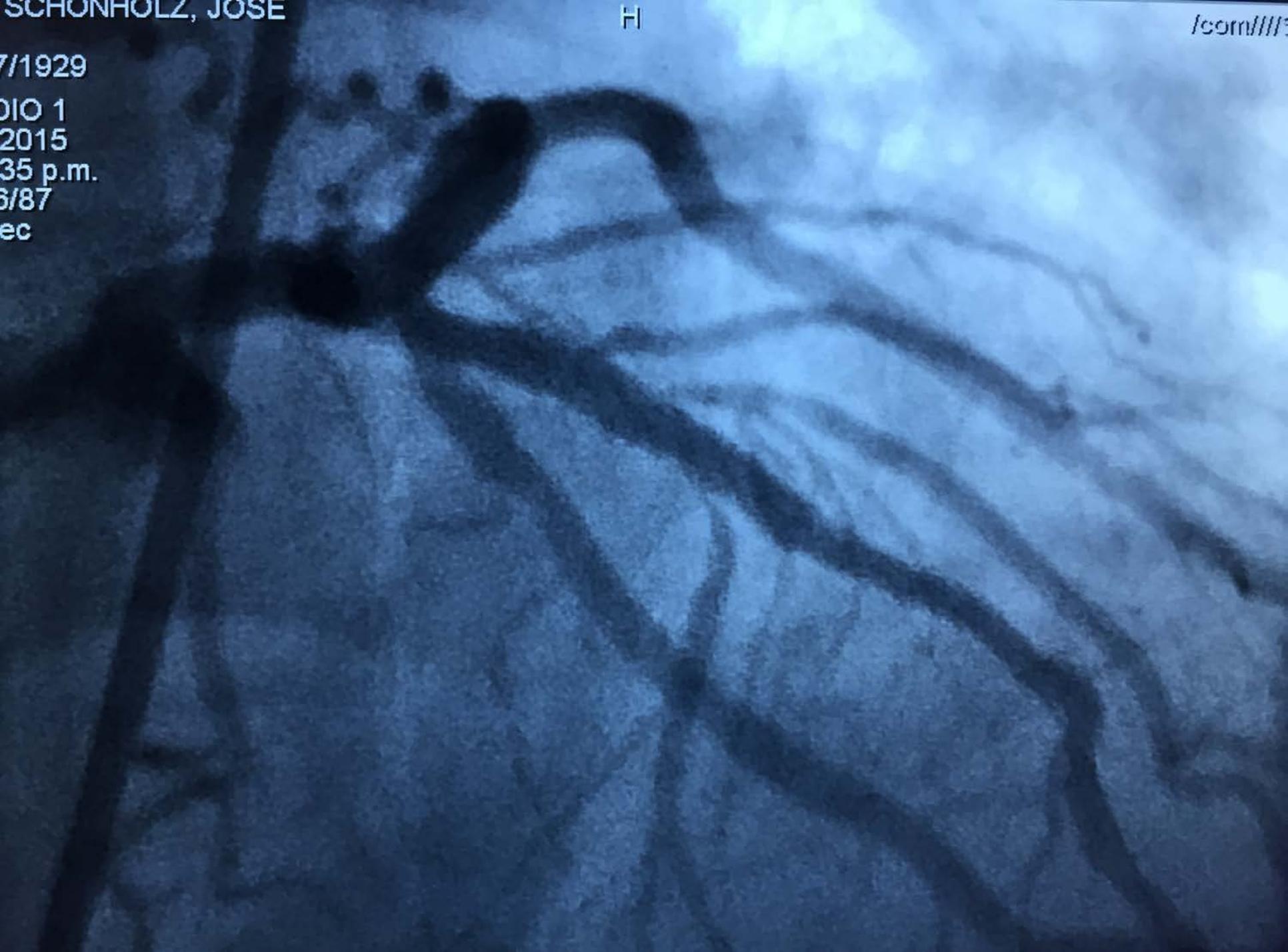
1024 x 1

PP



1024

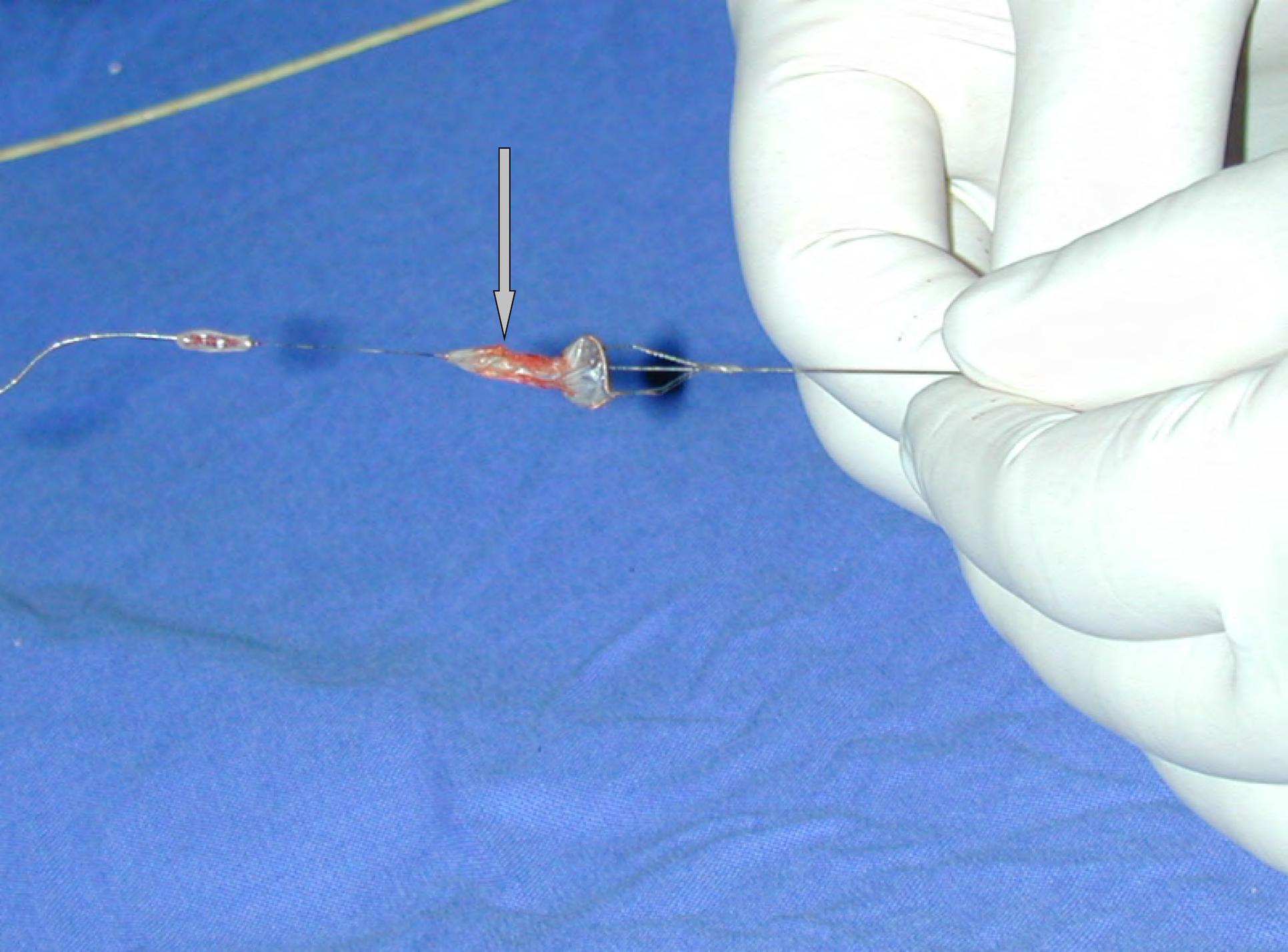
7/1929
DIO 1
2015
35 p.m.
3/87
ec



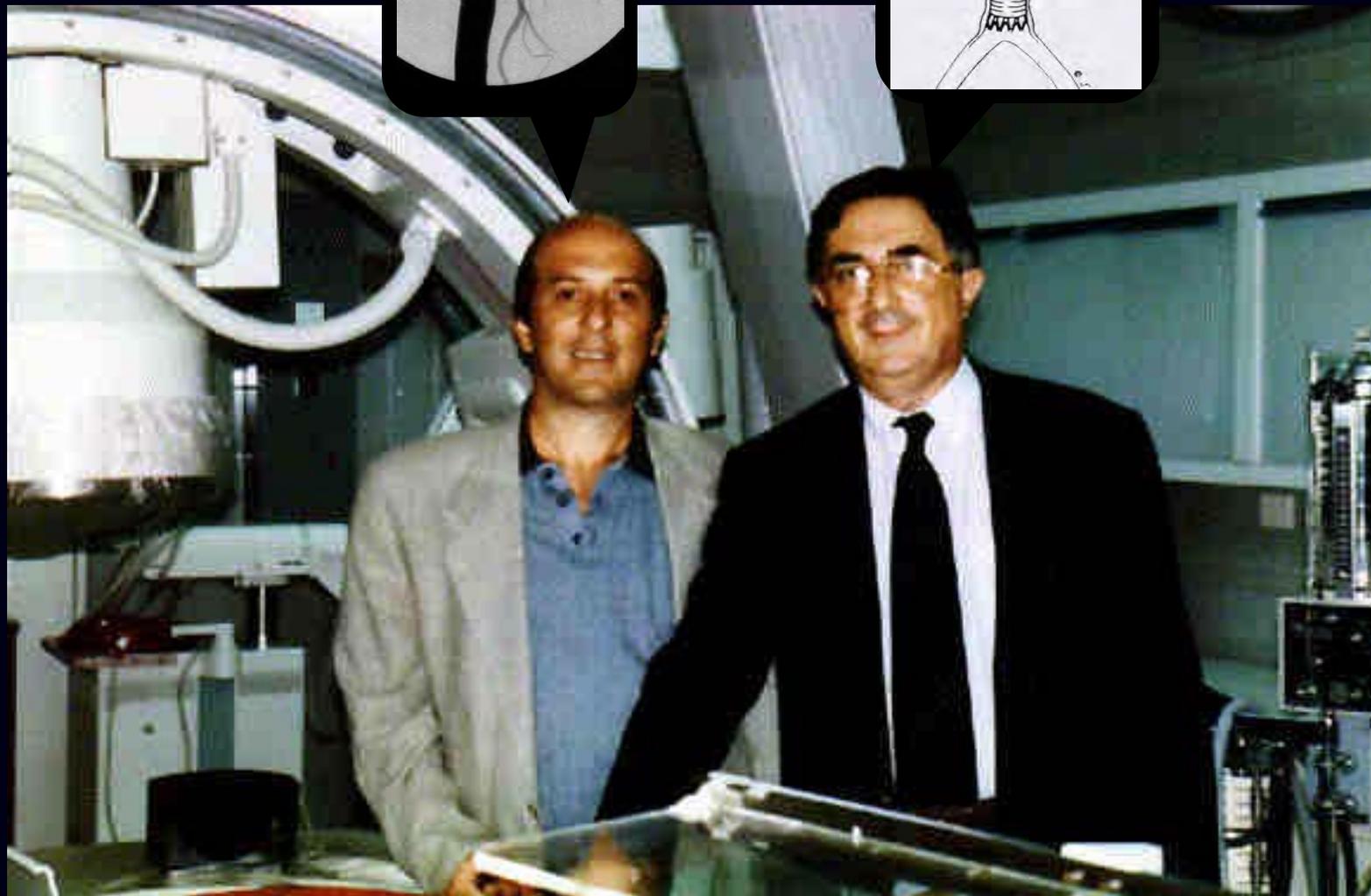
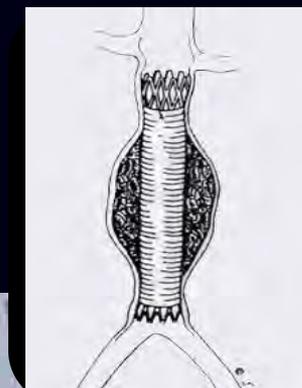








1989





D^{ca} J. B. Parodi

ENDOLUMINAL STENT-GRAFT ASSOCIATED CONDITIONS

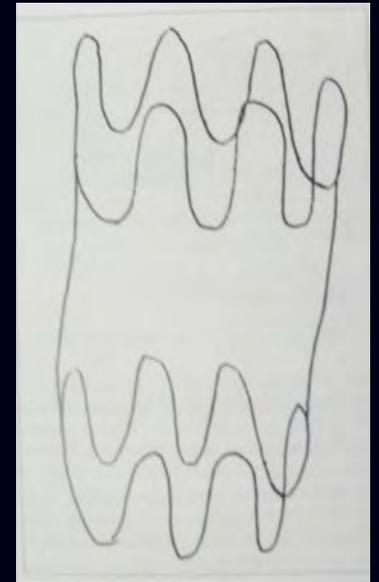
● Severe coronary disease	54 Patients
● Acute myocardial infarction	23 Patients
● Severe pulmonary disease	26 Patients
● Renal failure	5 Patients
● Hepatic failure	1 Patient
● Intermittent claudication	33 Patients
● Stroke	10 Patients
● Hostile abdomen	2 Patients
● D.I.C.	1 Patient

- High Risk Patients: ASA III and IV
- Hostile Abdomen

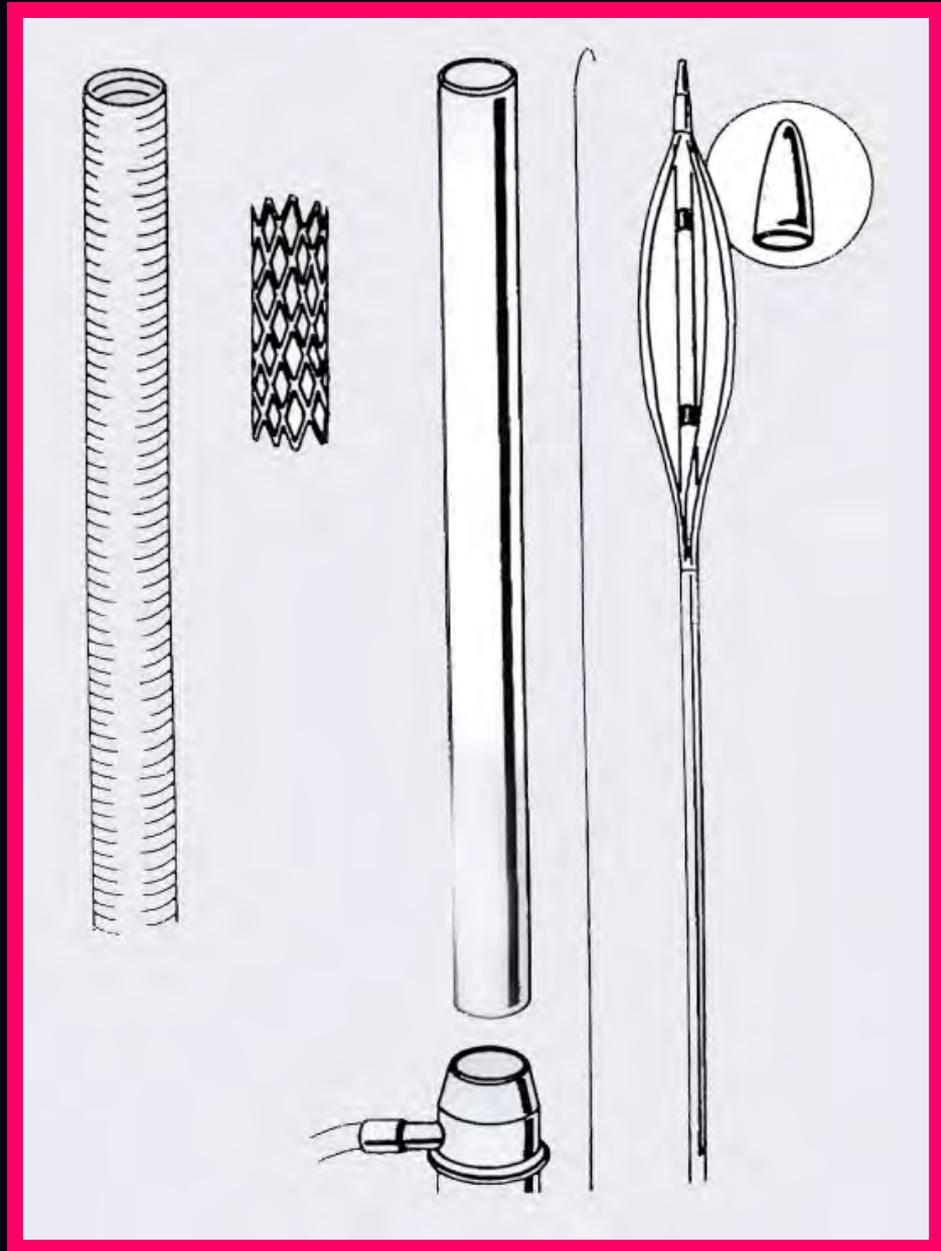
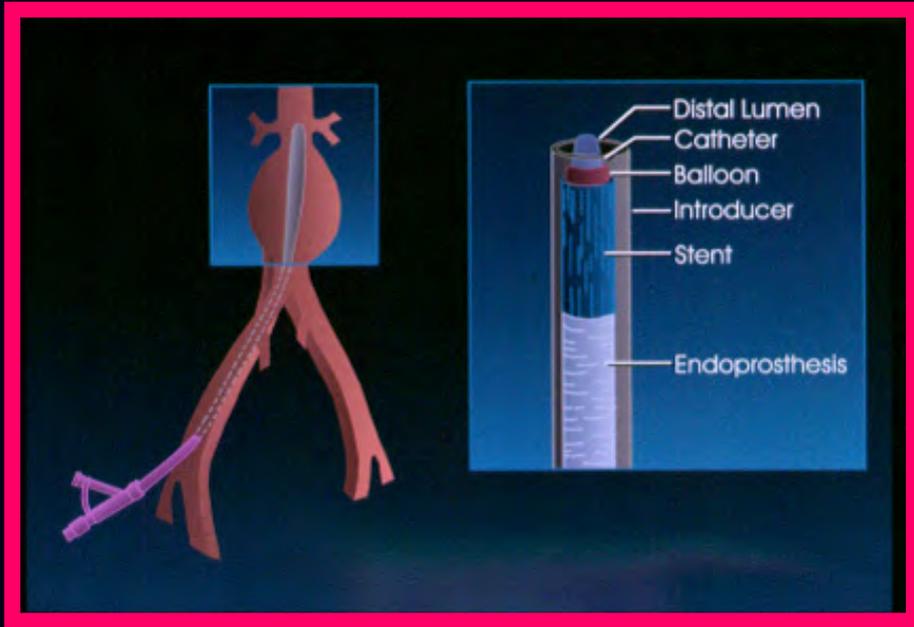


PROTOTYPES

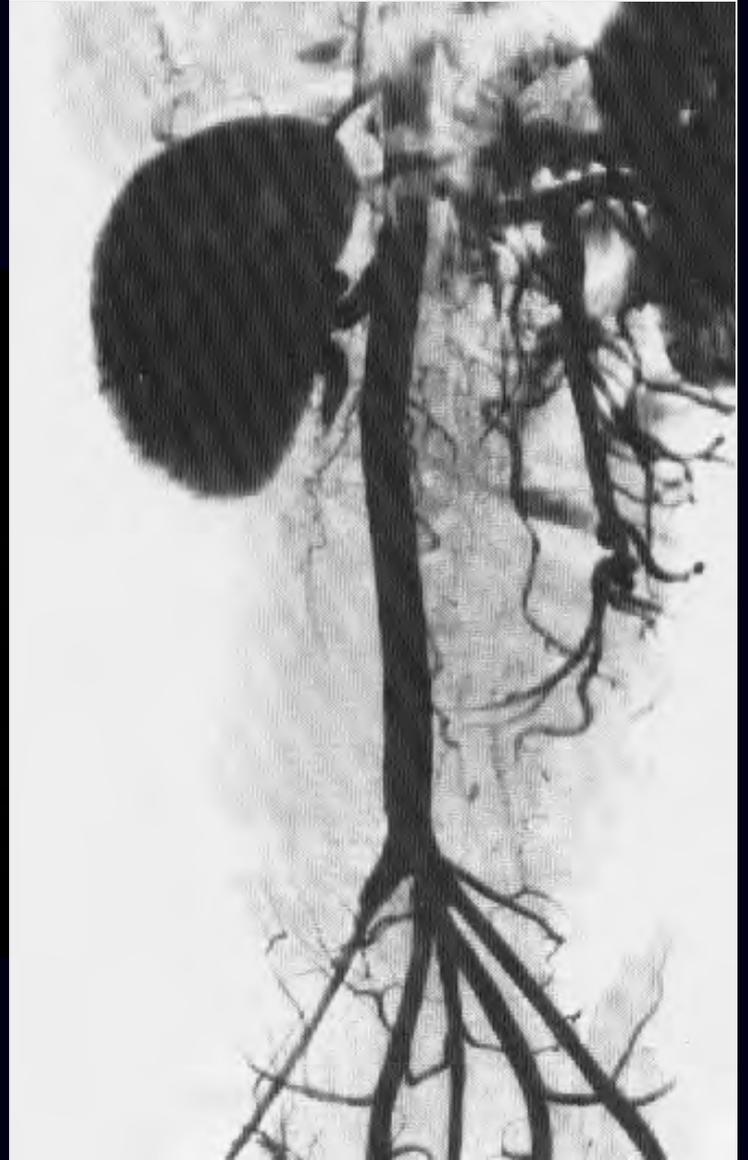
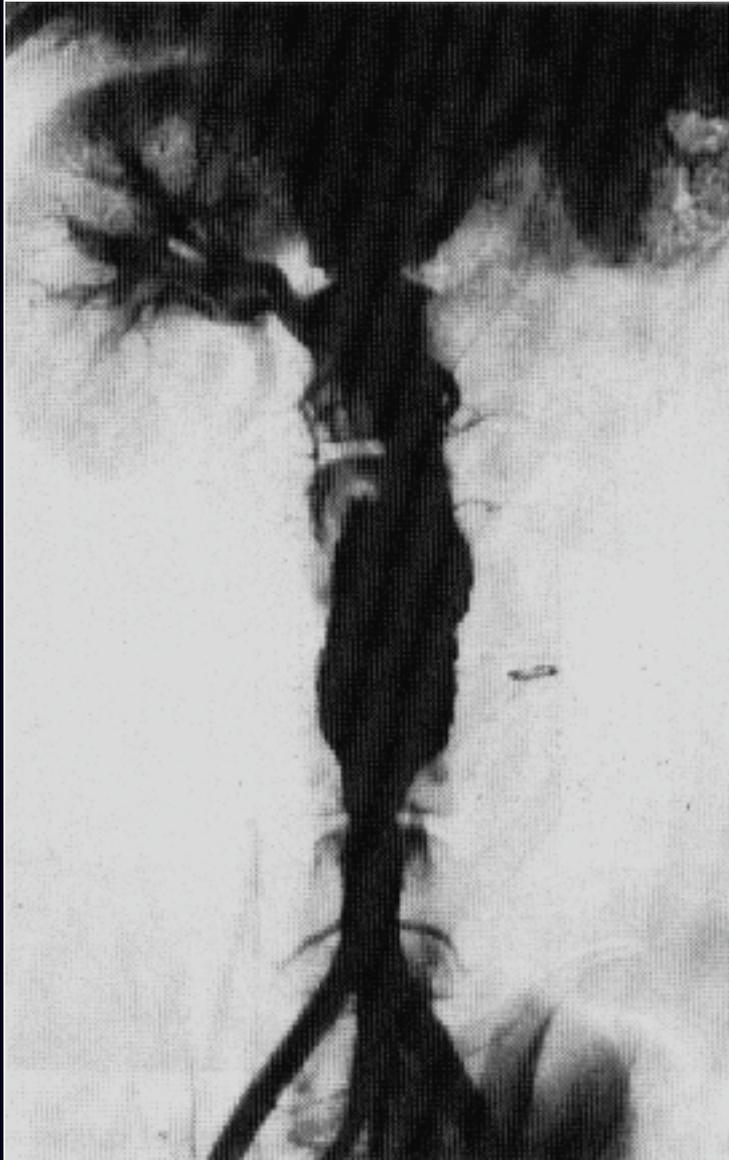
- Self-expandable box with a zig-zag configuration covered with nylon.
- Silastic bag with cylindrical lumen.

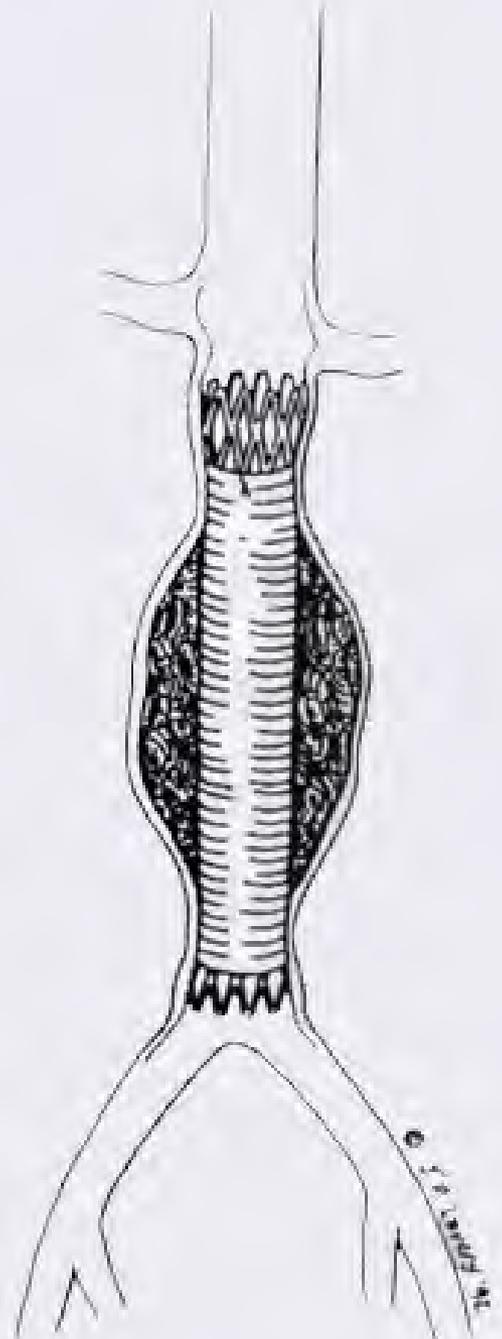
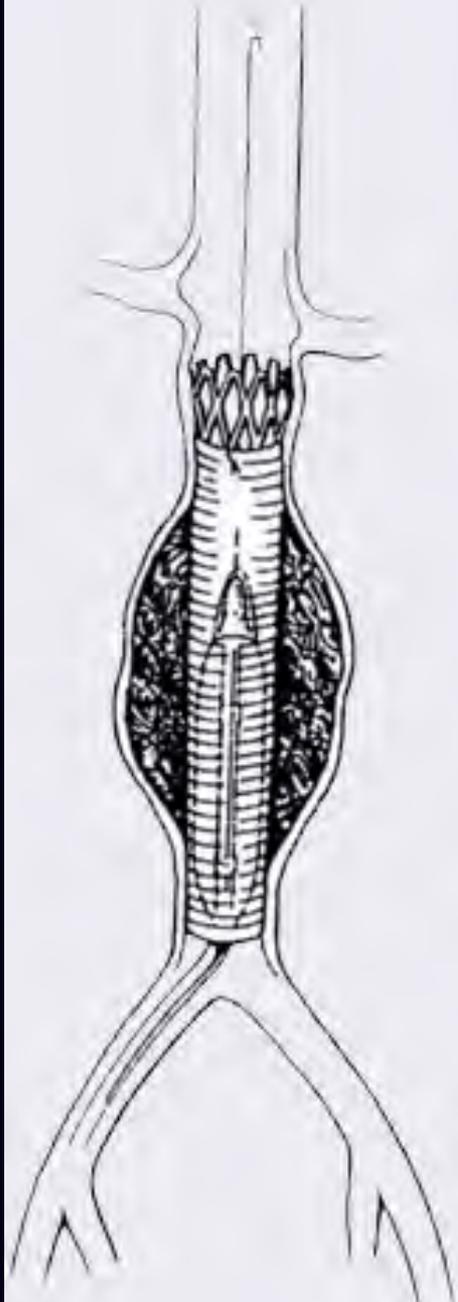
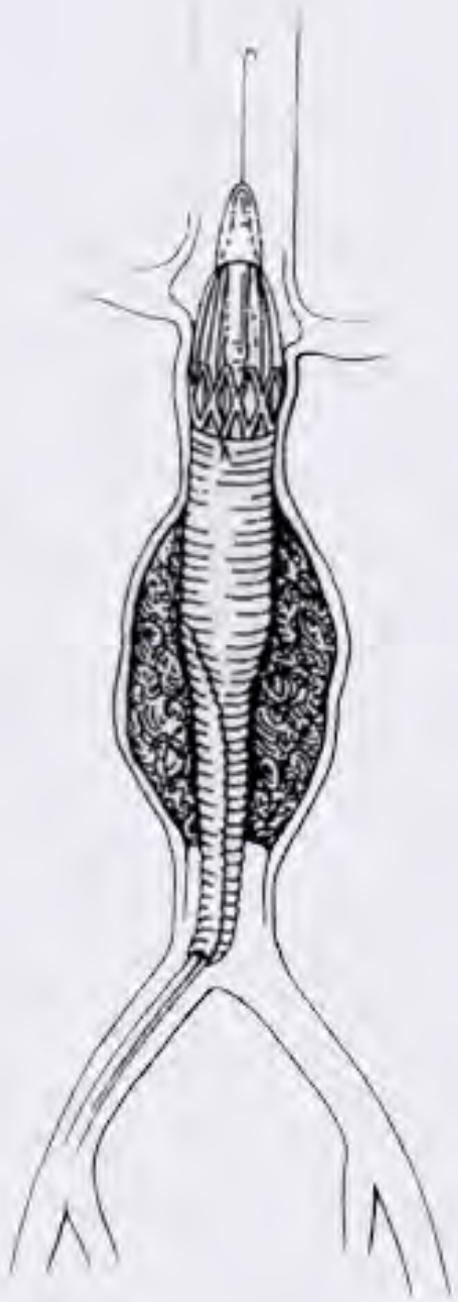


“Both designs were abandoned due to the poor result during animal experimentation”

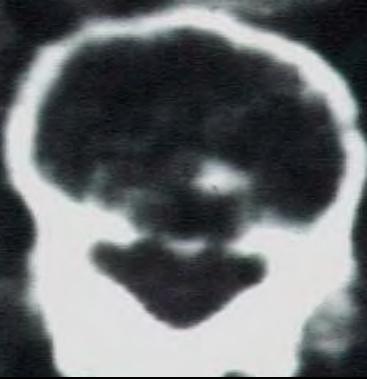


ANIMAL STUDY





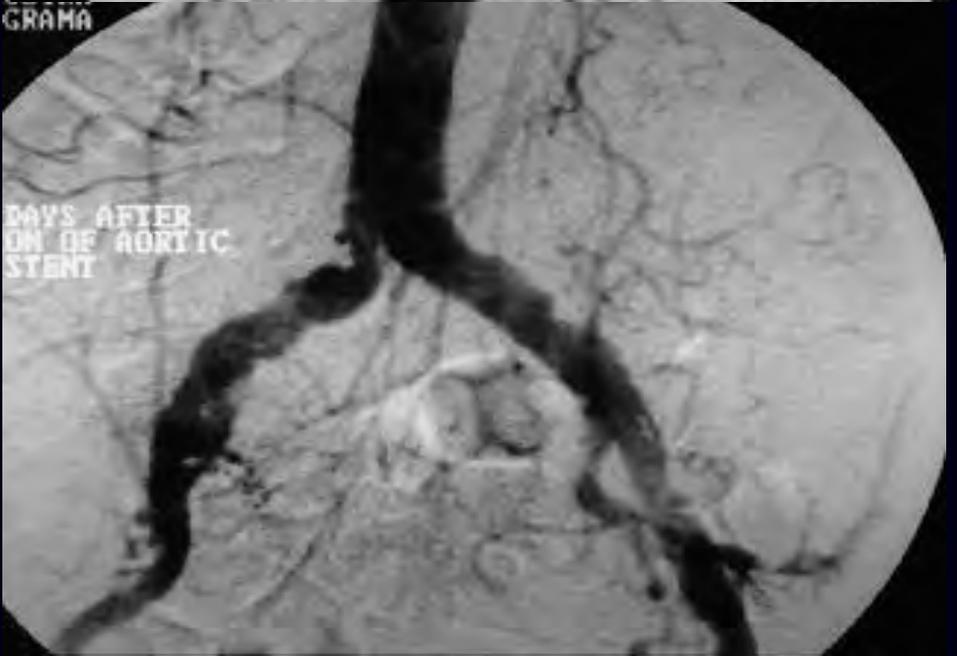
54.0MM

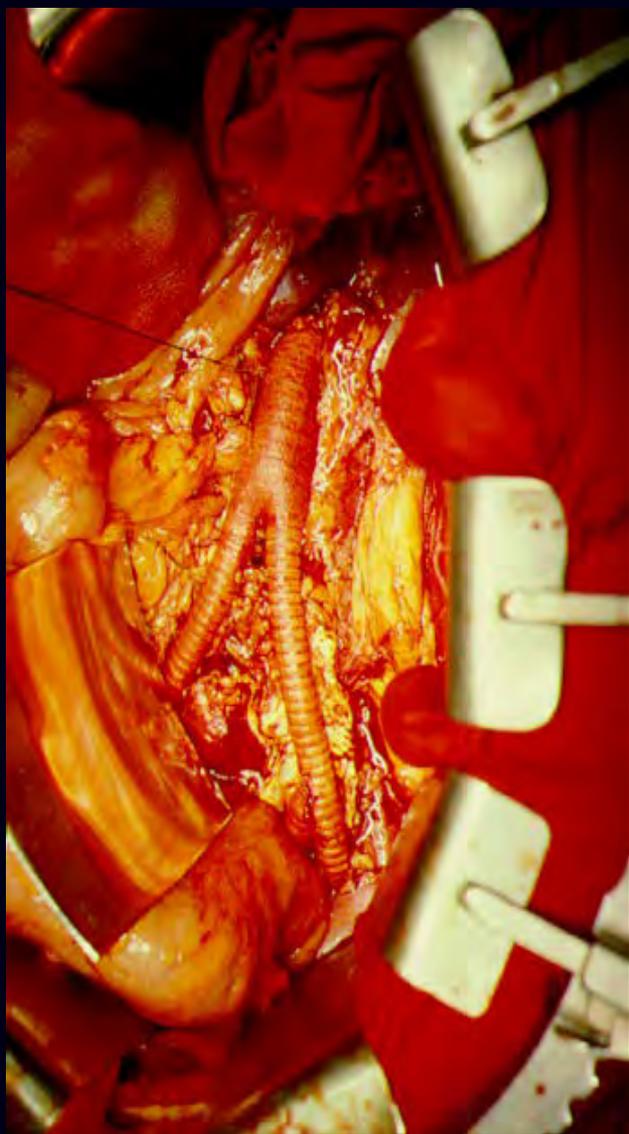


8

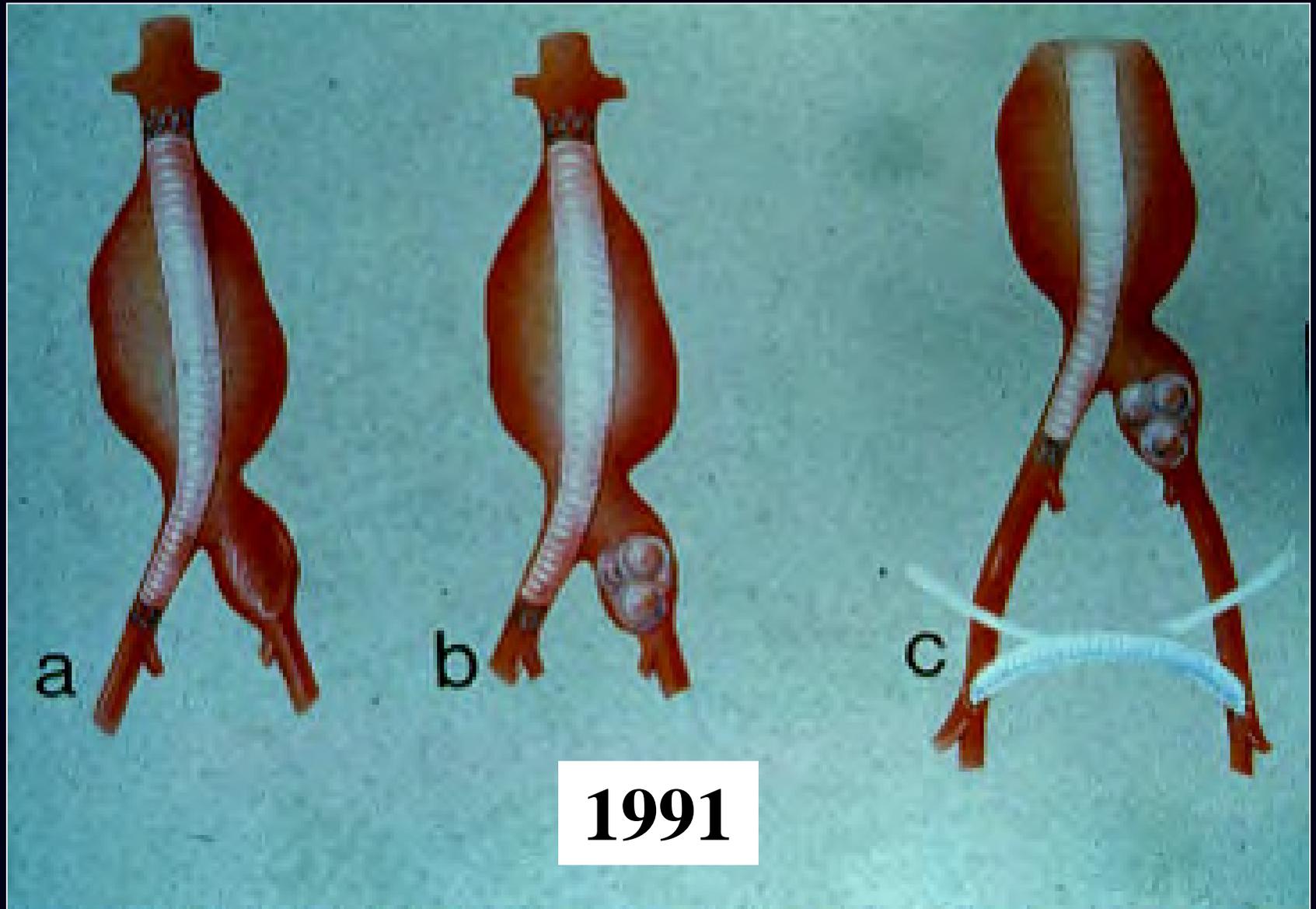


GRAMA





AORTO-UNI-ILIAC STENT-GRAFT



CONTROL DE STENT-GRA
17/04/95



Serie: 1
Imagen: 24

Vent: 4
Min: 0 00

SAGRADA FAMILIA- ABRAXAS
Paciente:
CONTROL DE STENT-GRA
17/04/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



SAGRADA FAMILIA- ABRAXAS
Paciente:
CONTROL DE STENT-GRA
17/04/95

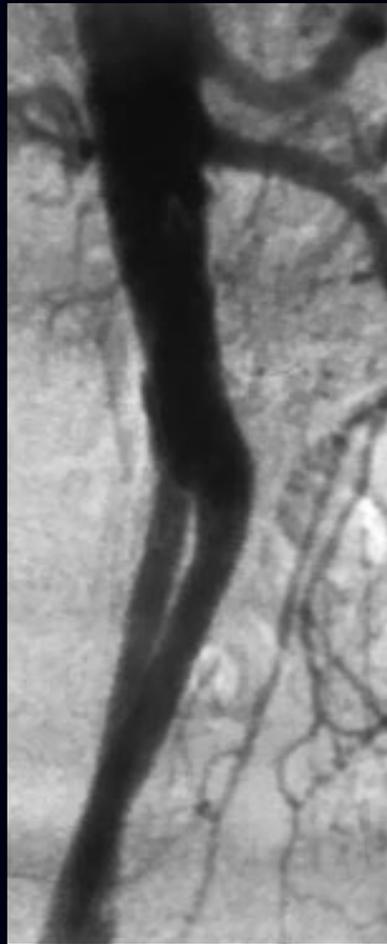
CINE-ANGIOGRAFIA DIGITAL
DYNAVISION



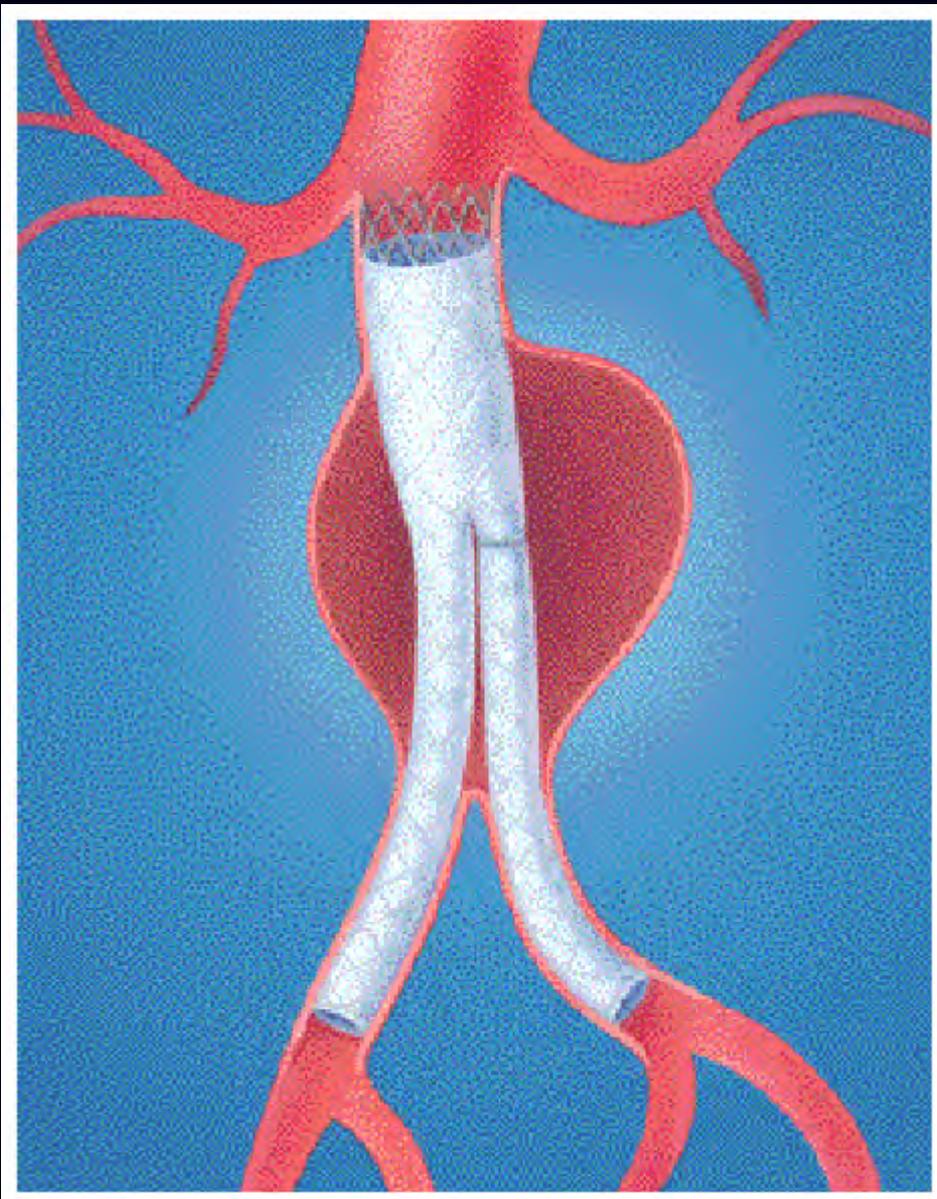
SAGRADA FAMILIA- ABRAXAS
Paciente:
CONTROL DE STENT-GRA
17/04/95

CINE-ANGIOGRAFIA DIGITAL
DYNAVISION





**FIRST AAA TREATED WITH A MODULAR BIFURCATED
STENTOR DEVICE BY DR.CLAUDE MIALHE**



PORTUGUES
-RAD

JOAQUIN A.
#

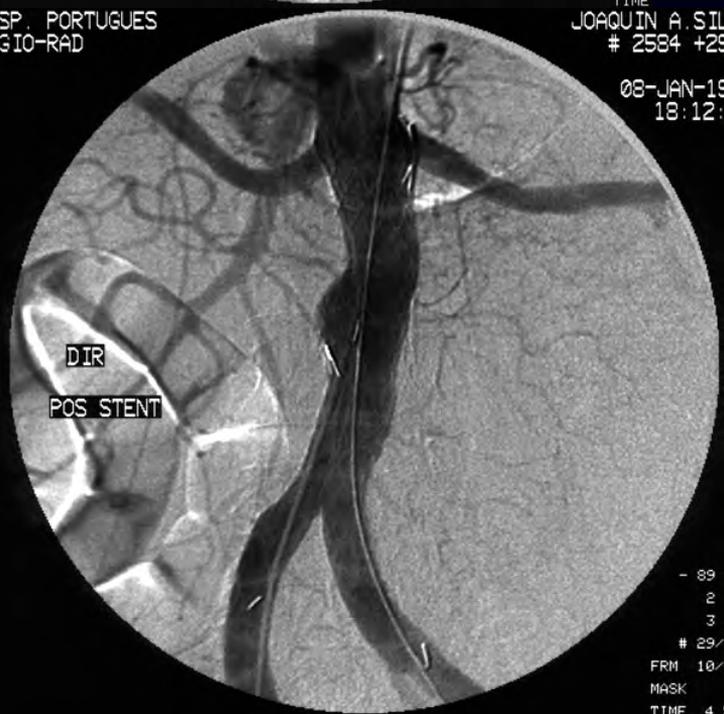
15-OCT
11:



SP. PORTUGUES
310-RAD

FRM
MASK
TIME
JOAQUIN A. SIL
2584 +25

08-JAN-15
18:12:



DIR
POS STENT

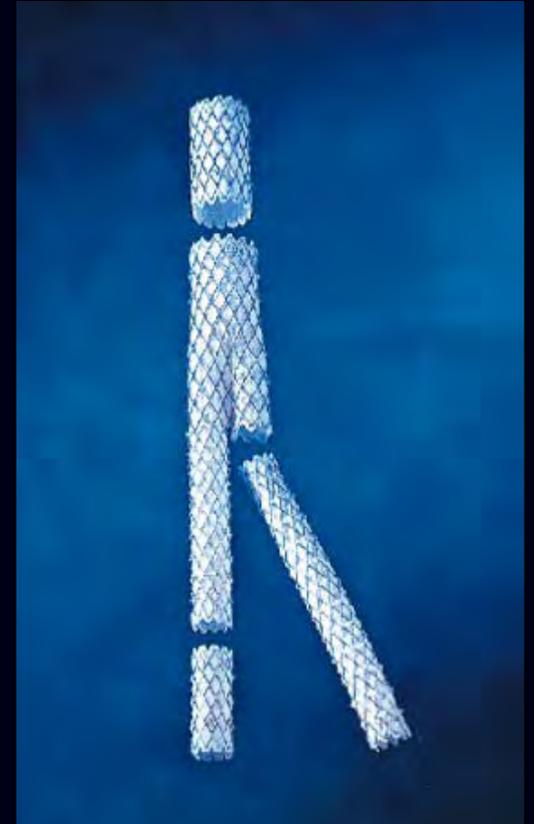
- 89
2
3
29/
FRM 10/
MASK
TIME 4.1



Excluder



Zenith



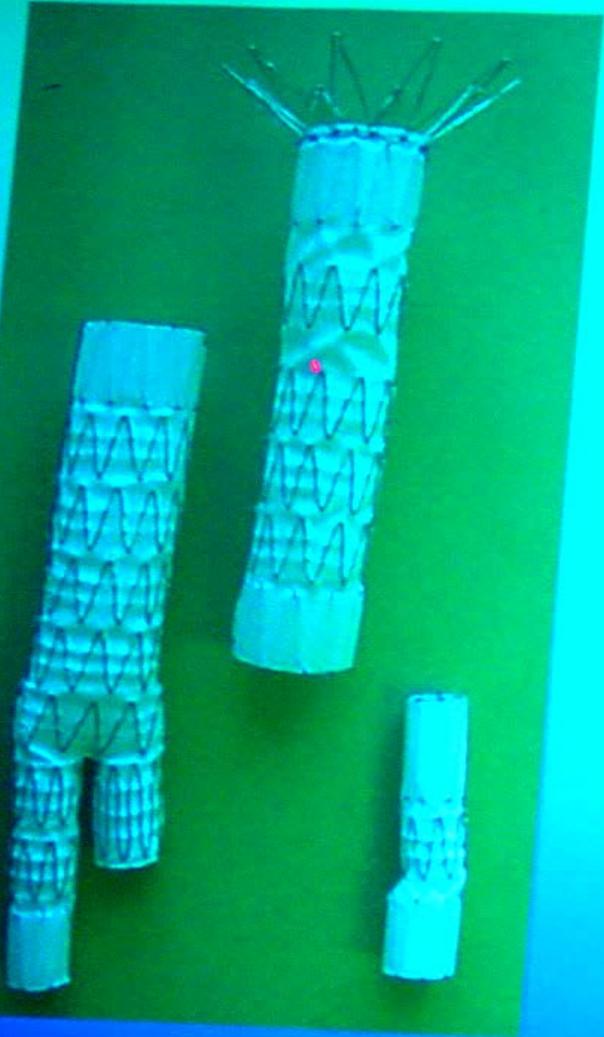
AneuRx

Tributary Iliac Bifurcation System

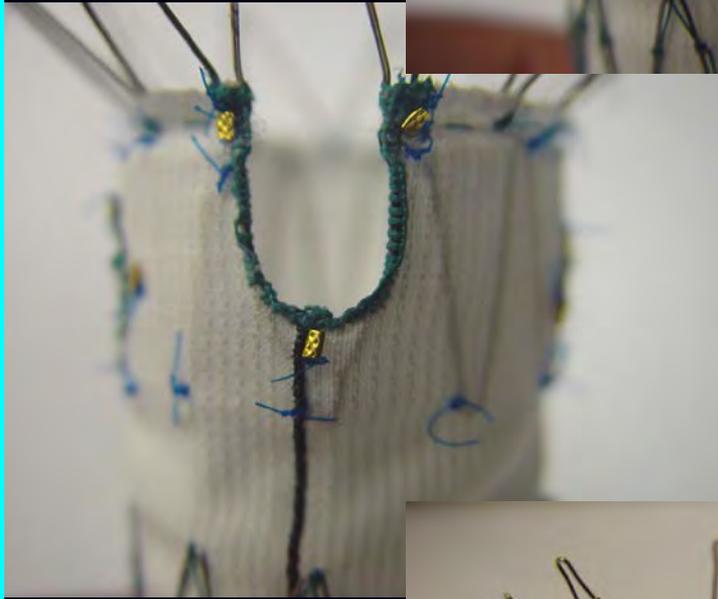


Fenestrated Endograft

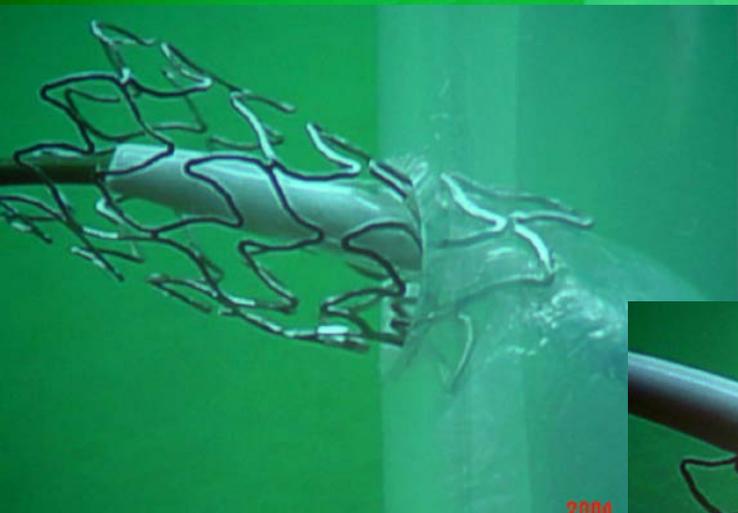
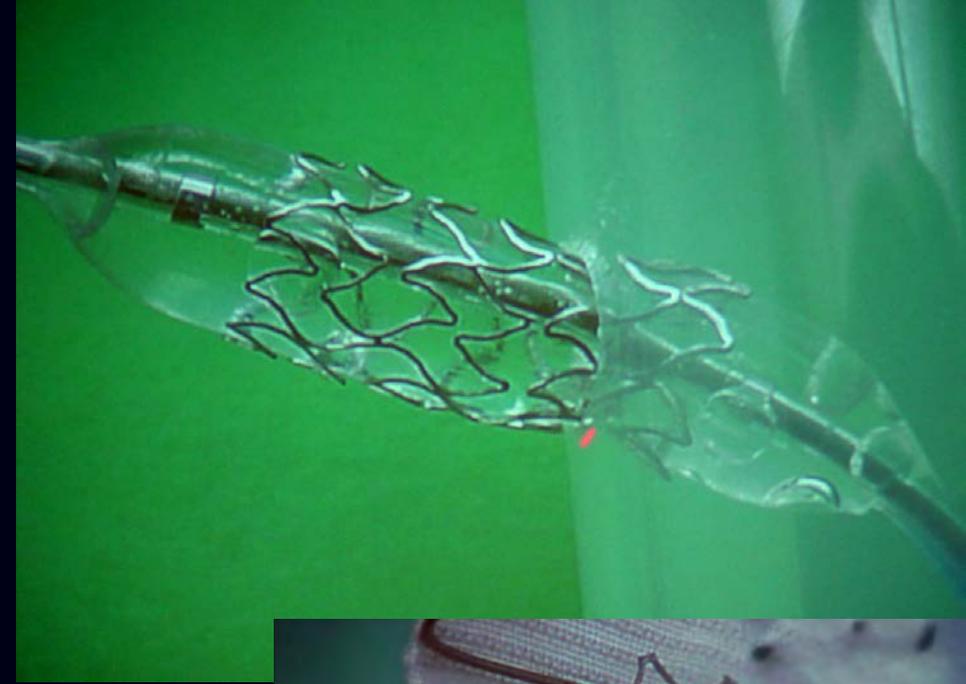
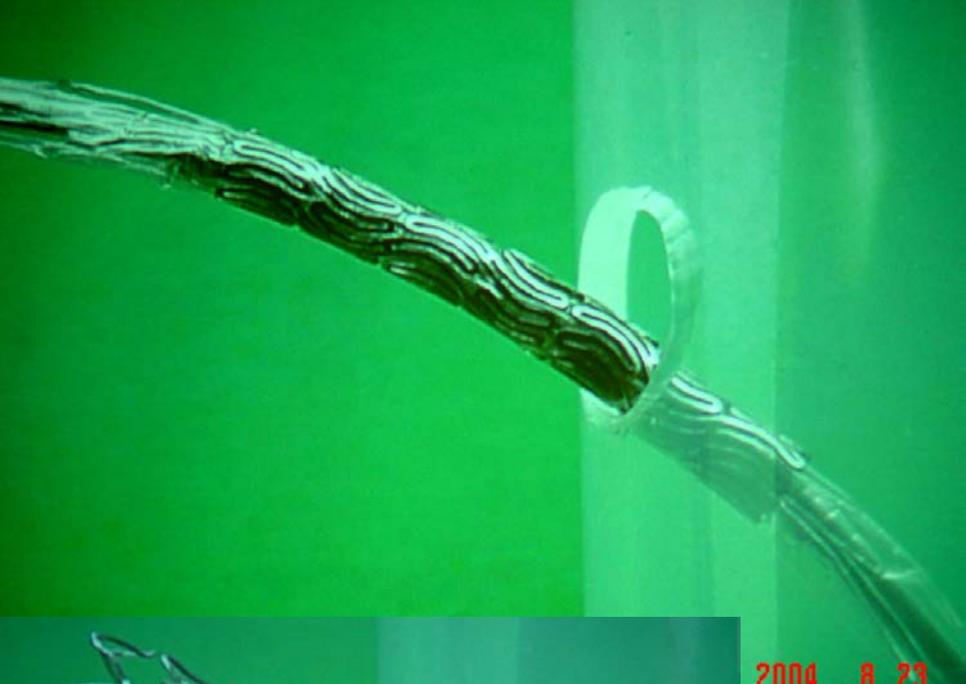
Composite Graft



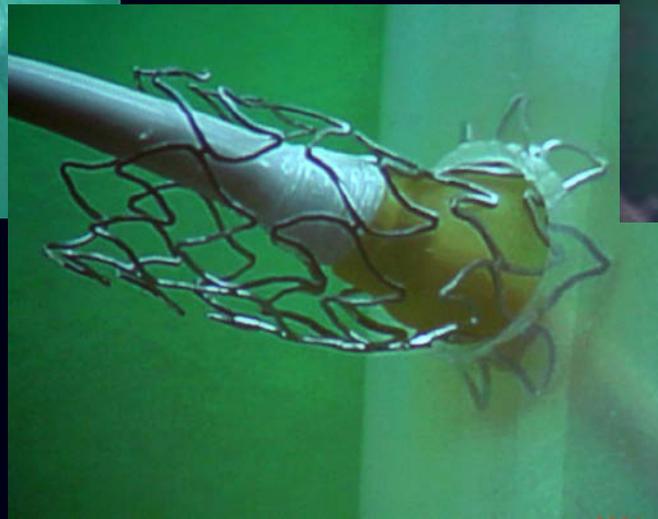
2004 8 23



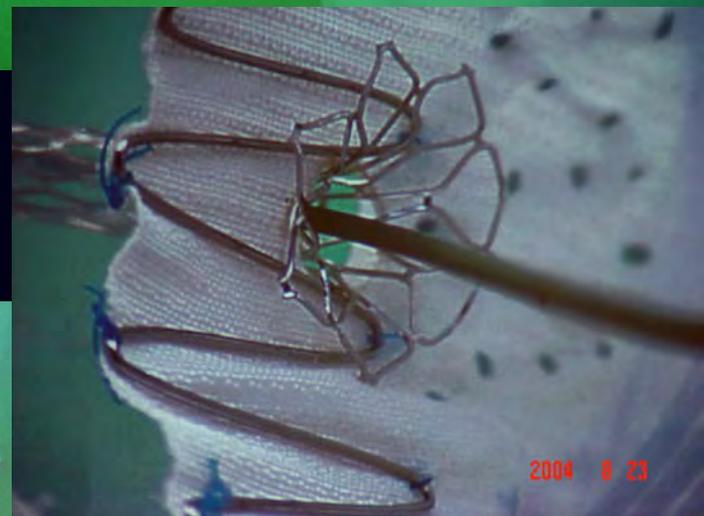
2004 8 23



2004 8 23



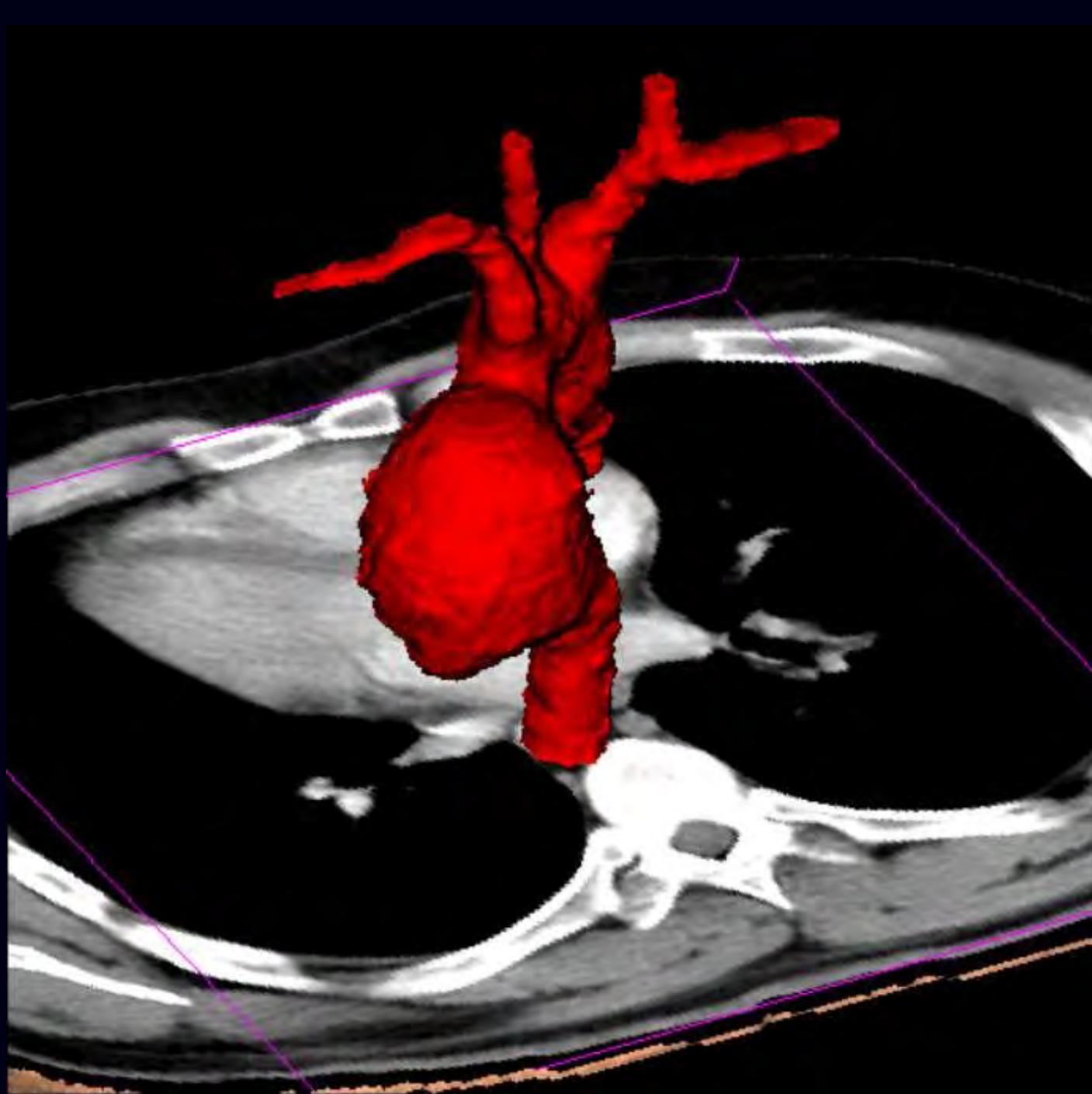
2004

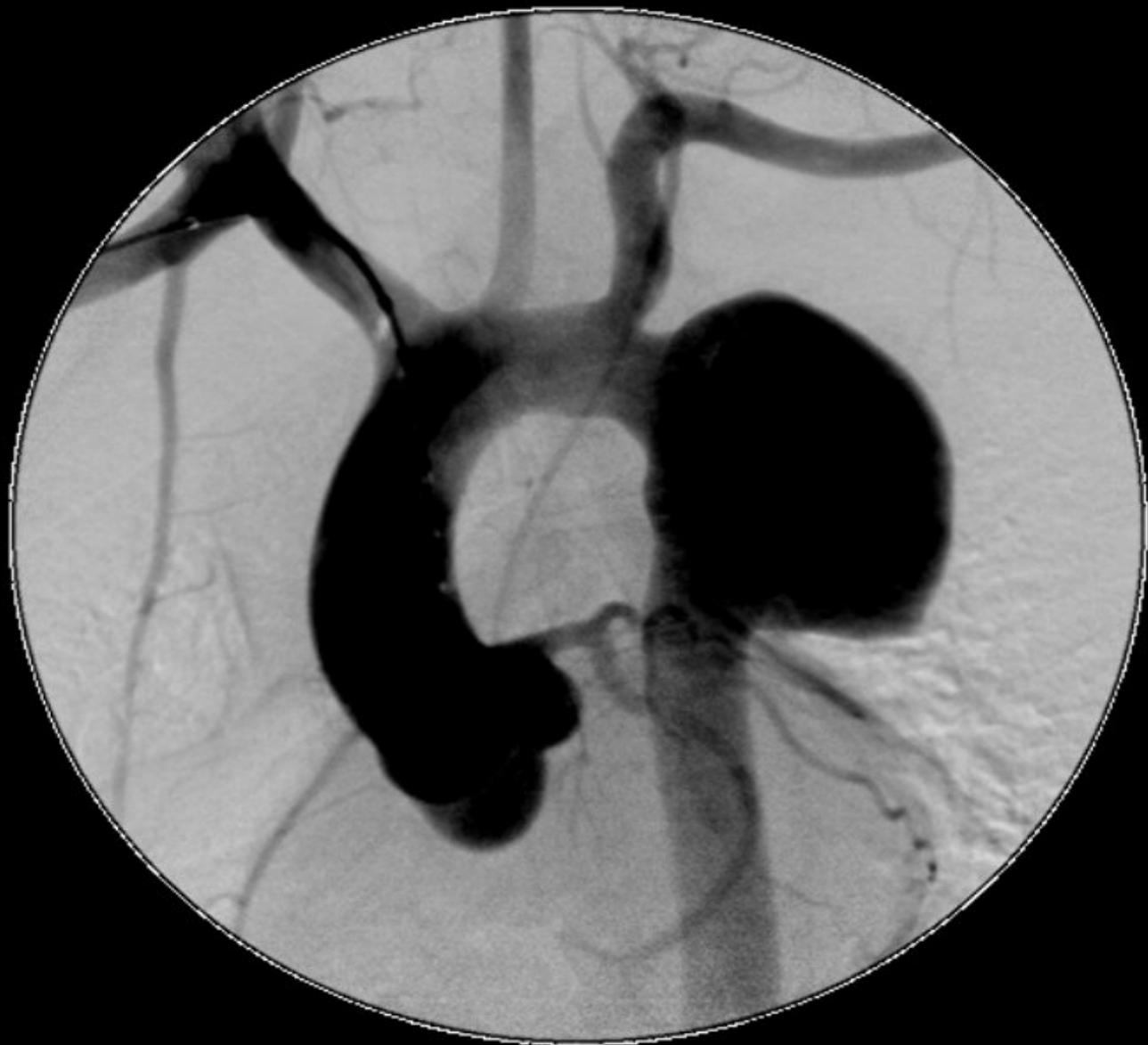


2004 8 23



CONT
ZENI









8 Mor

