



IX Congresso
Novas Fronteiras
em Medicina
Cardiovascular

22 a 24 de Fevereiro 2019

The Village Praia
D'El Rey - Óbidos

MANAGEMENT OF GIANT CELIAC ARTERY ANEURYSM IN A FRAIL PATIENT

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DEPARTAMENTO
CORÇÃO e VASOS
CIRURGIA VASCULAR



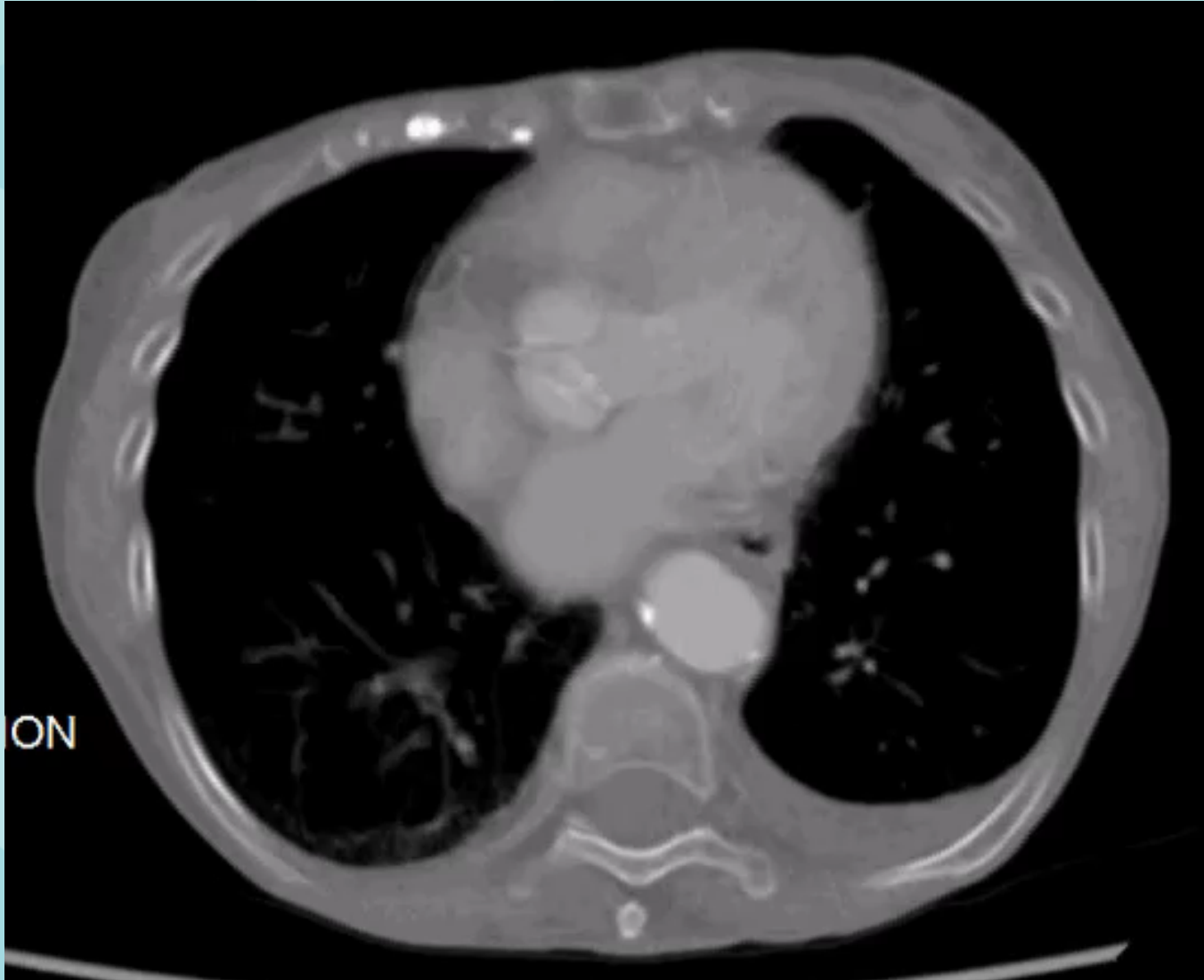
HOSPITAL DE
SANTAMARIA

Óbidos, 24 Fevereiro 2019

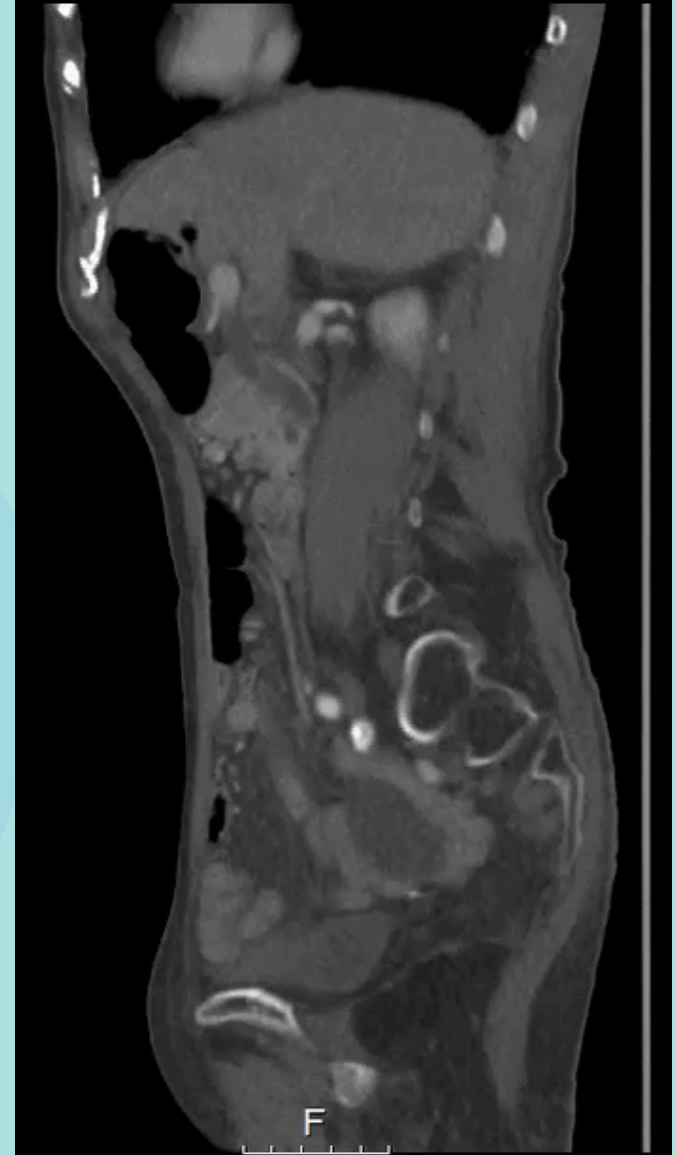
CLINICAL CASE

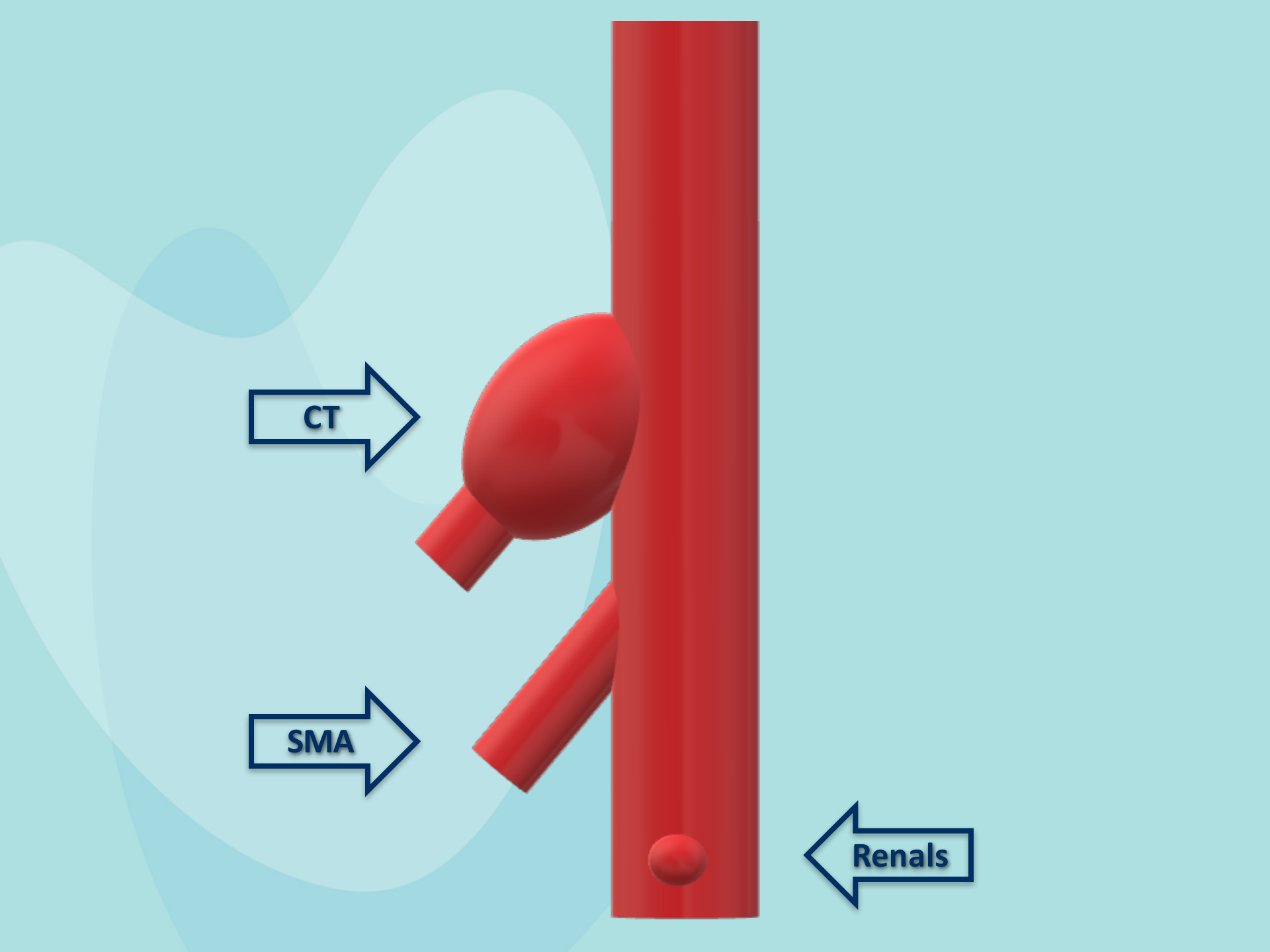
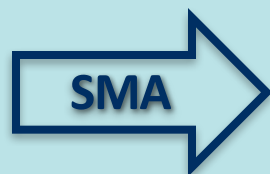
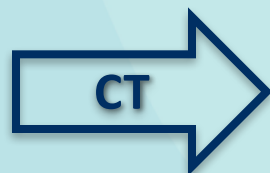
- 88-year-old female, sarcopenia, HT and moderate aortic stenosis.
- CAA → follow up in another institution
- Recent CT scan with CAA increase diameter
 - A few days later...
 - ER on our institution
 - Nausea, vomiting and abdominal pain

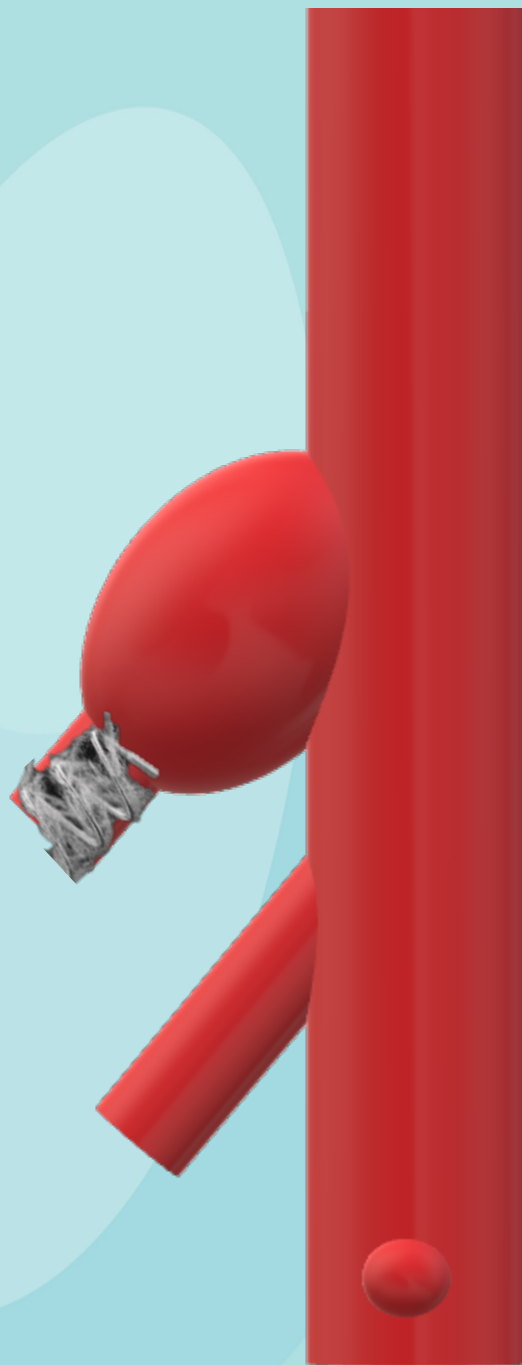
CT scan on admission



CT scan on admission







**Embolization of the
outflow of the
aneurysm with coils**



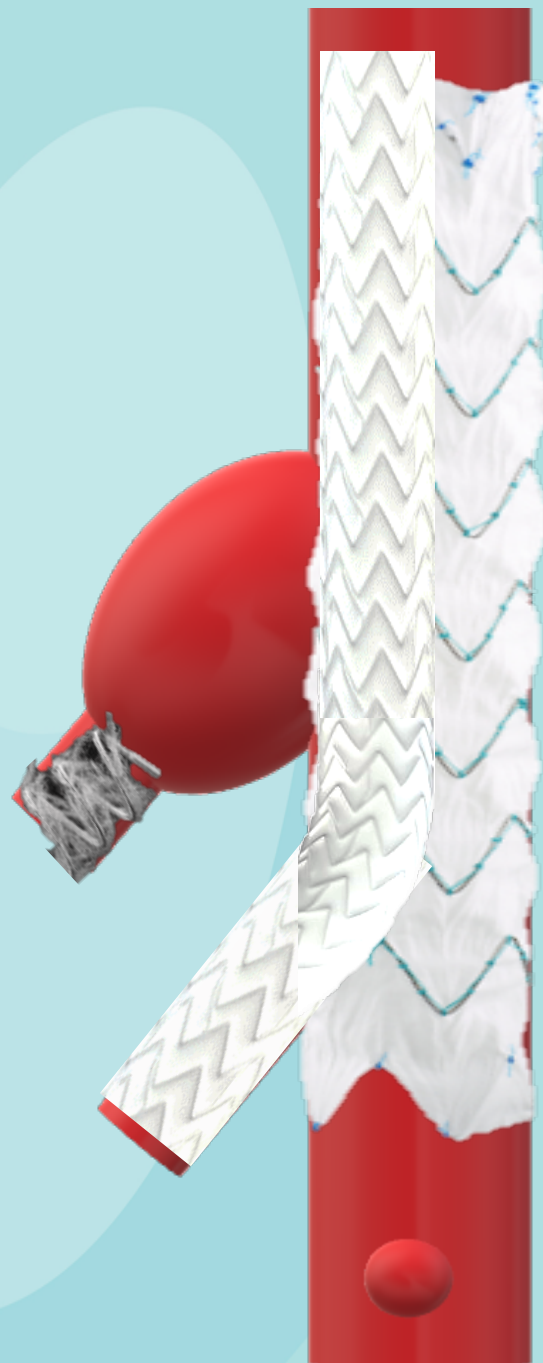
**Aortic endoprosthesis
positioned above renal
arteries;**



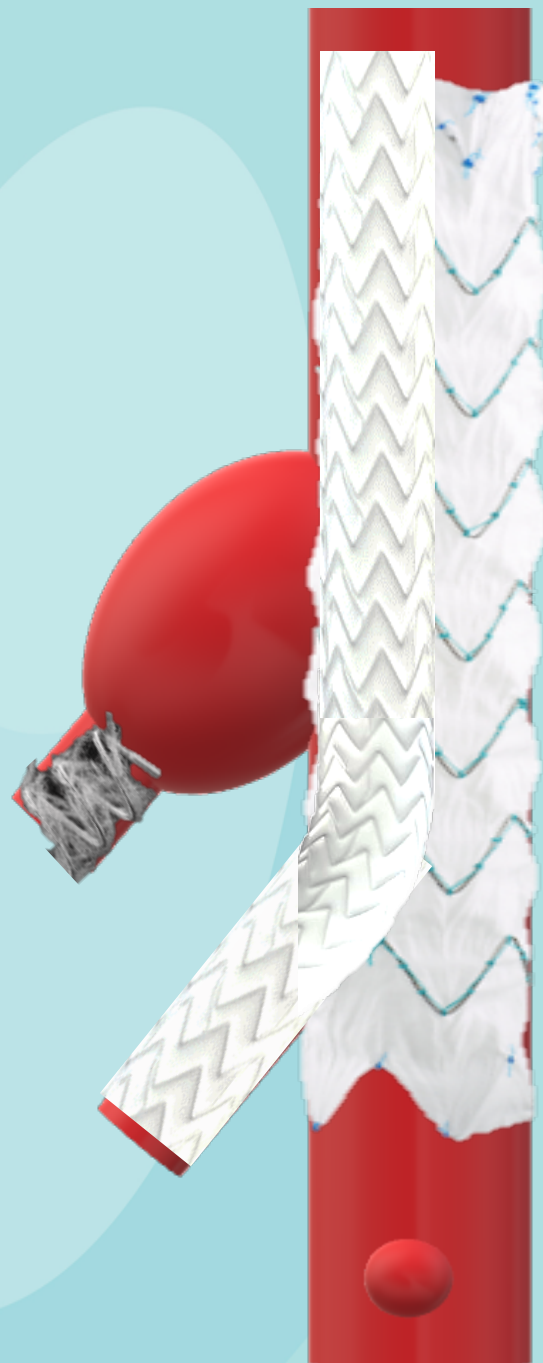
**Chimney to the
superior
mesenteric artery**



**Chimney to the
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mesenteric artery**



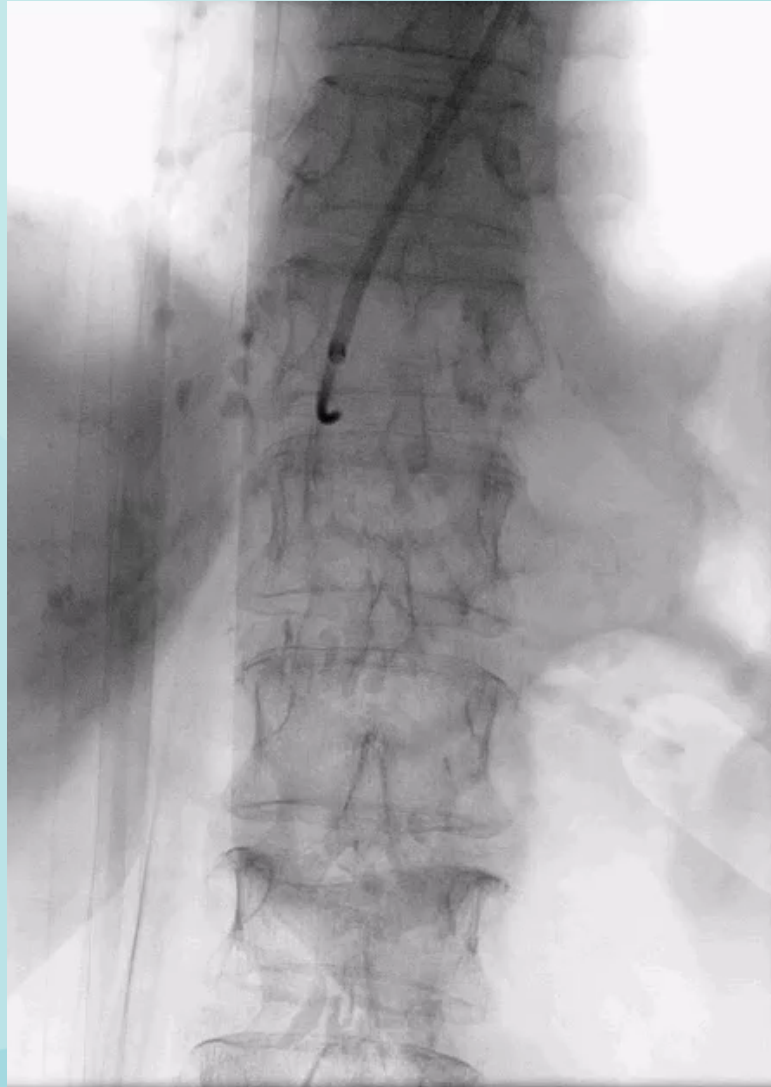
**Chimney to the
superior
mesenteric artery**



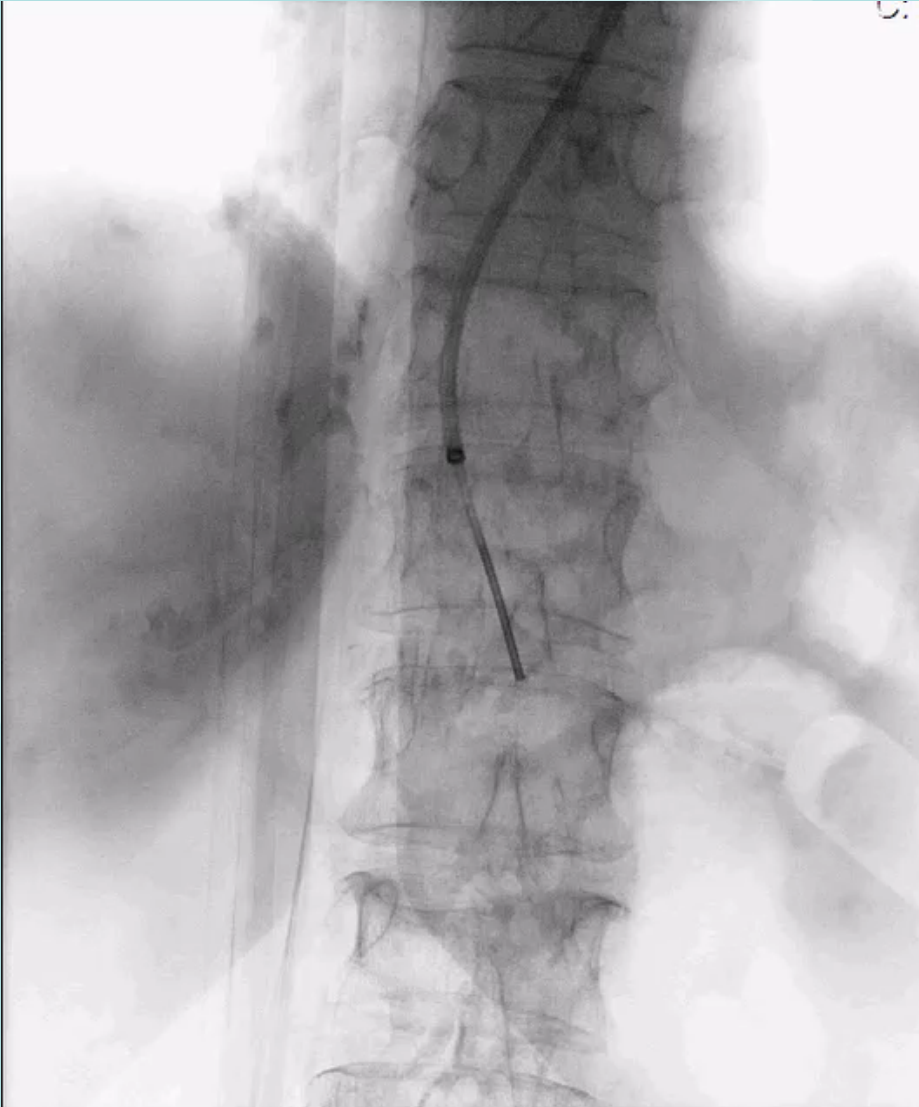
**Chimney to the
superior
mesenteric artery**

Renals

INTERVENTION

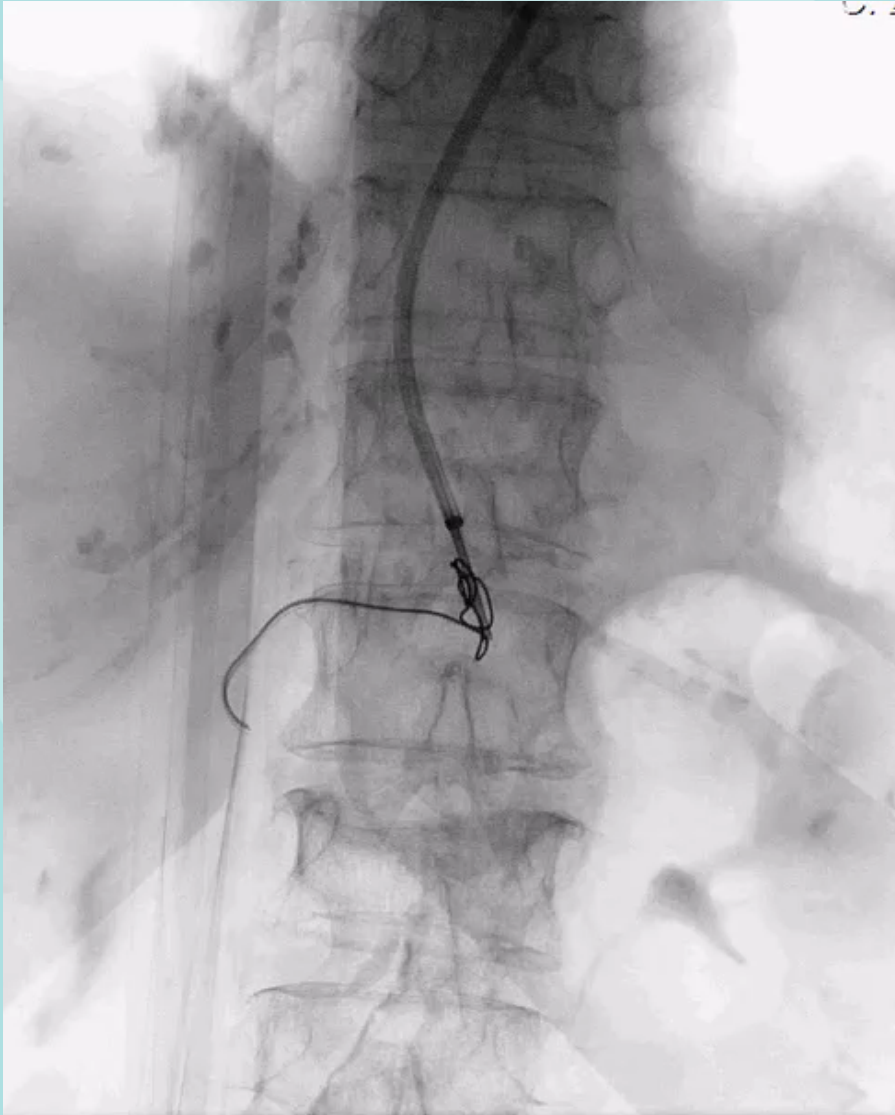


INTERVENTION



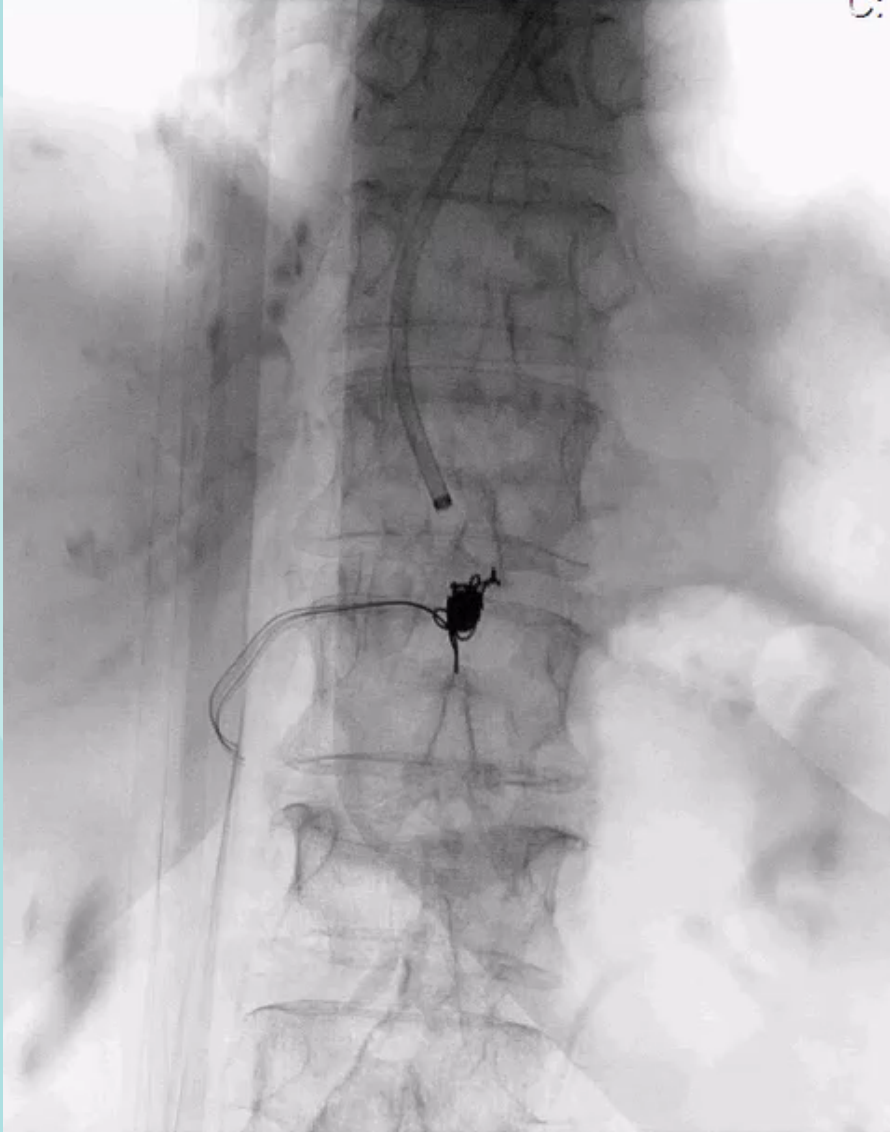
**Selective catheterization of
the outflow of the aneurysm**

INTERVENTION



Embolization of the outflow of the aneurysm with coils

INTERVENTION



Embolization of the outflow of the aneurysm with coils

INTERVENTION

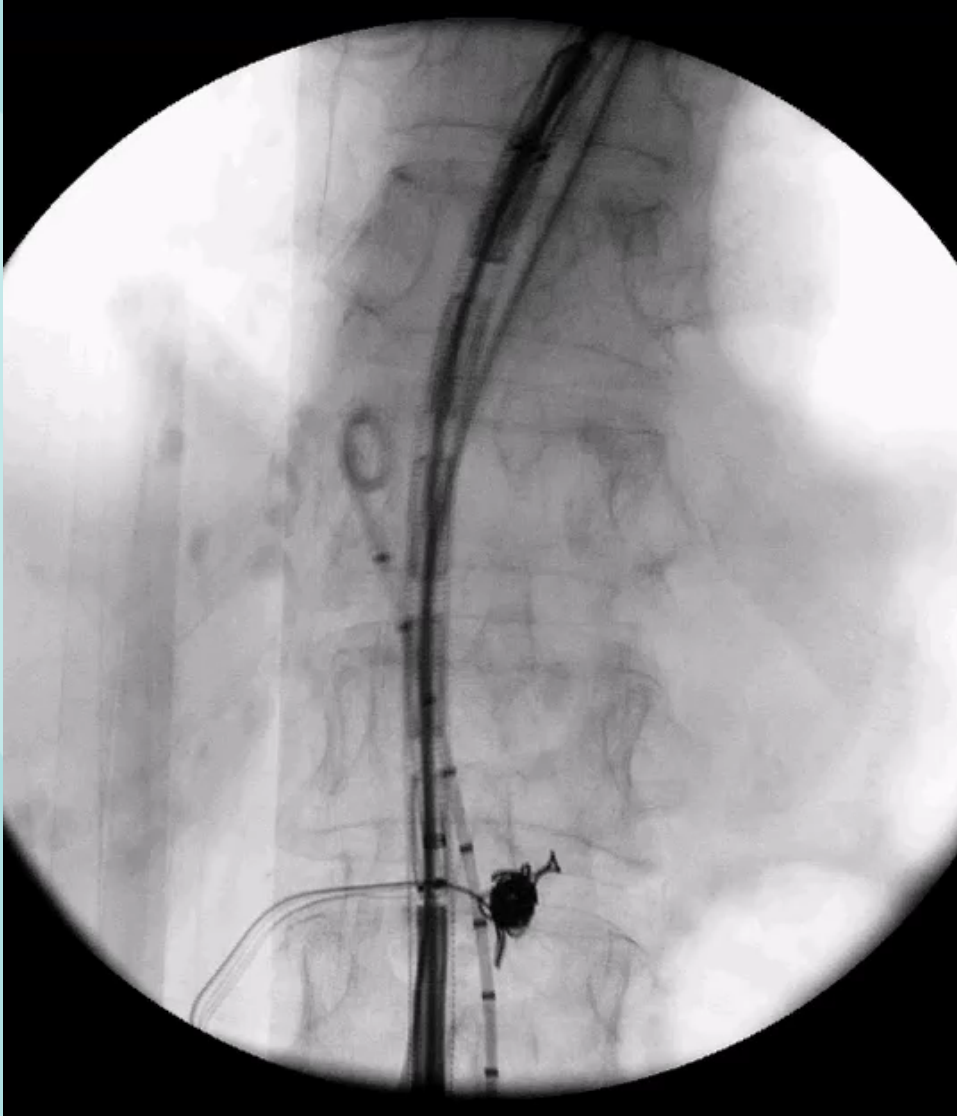


SMA selectively catheterized;

Placement of an Amplatz guidewire;

Placement of a 7Fr sheath;

INTERVENTION

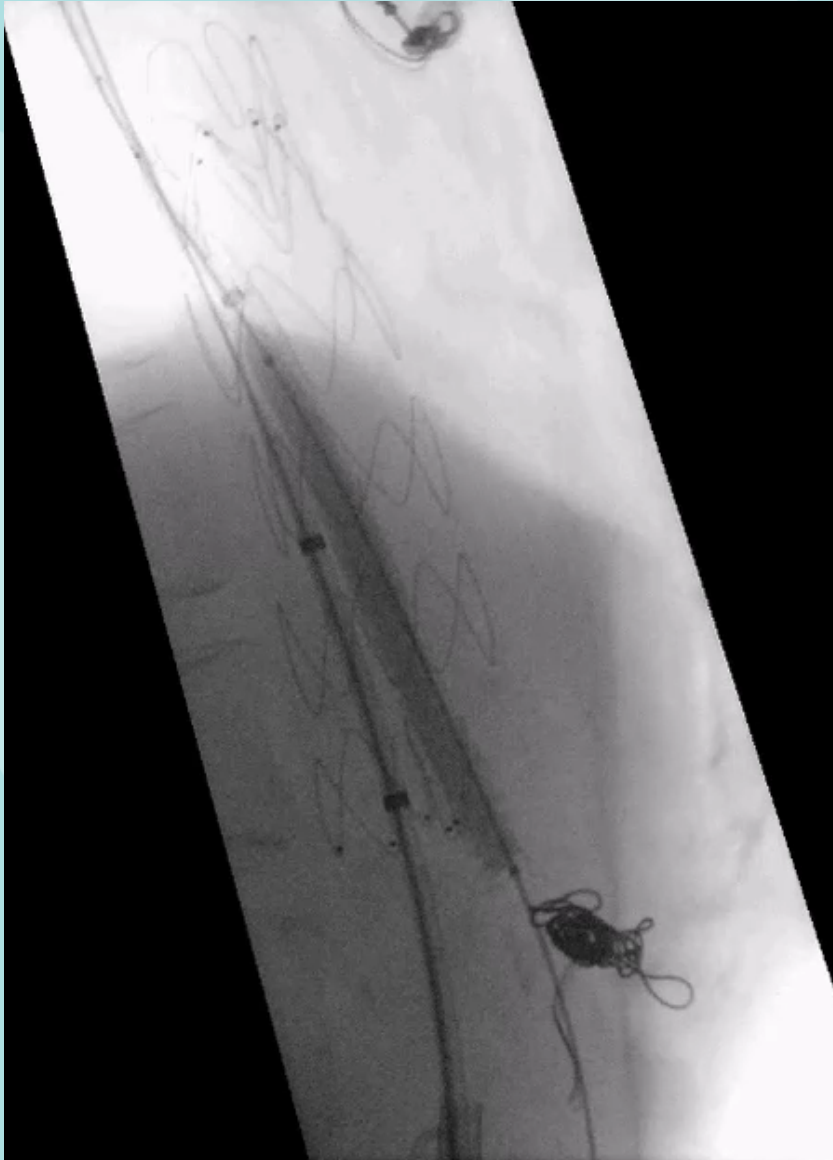


**Zenith Alpha™ Cook®
endoprosthesis
(30x30x109mm)
positioned above renal
arteries;**

**Release of the aortic
endograft and
ballooning (Coda®)**

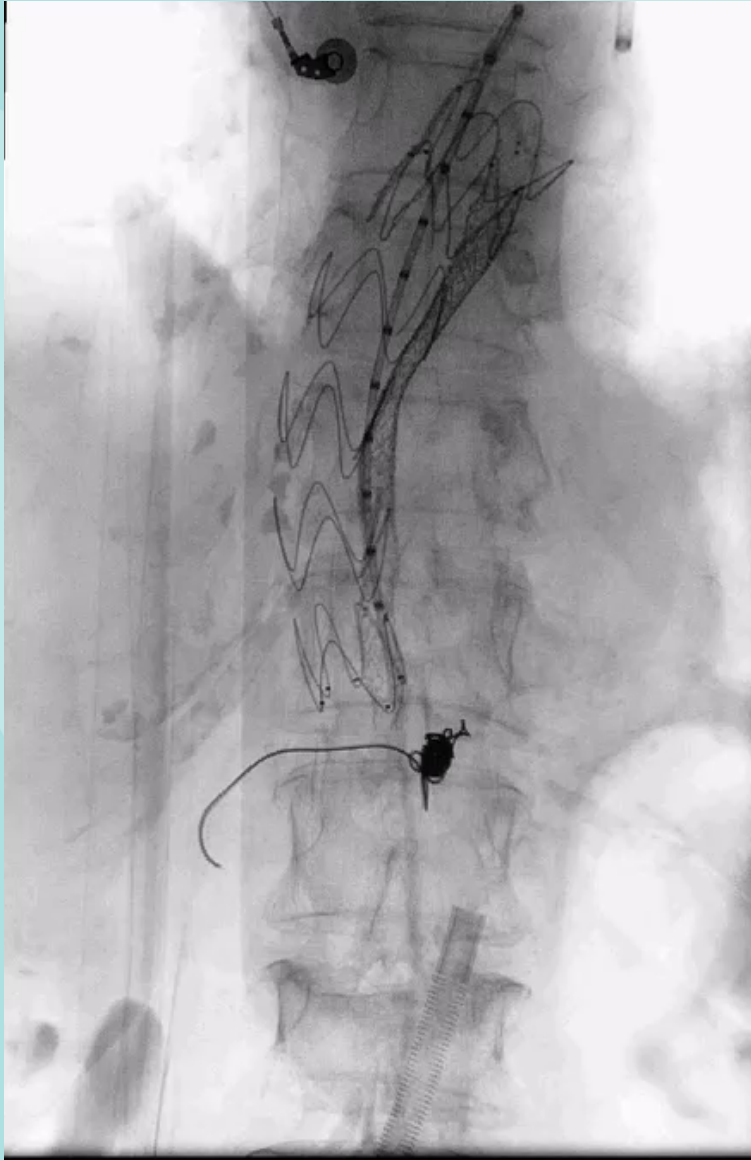
**Atrium ADVANTA V12
(7x22mm;
7x59mm;7x59mm);**

INTERVENTION

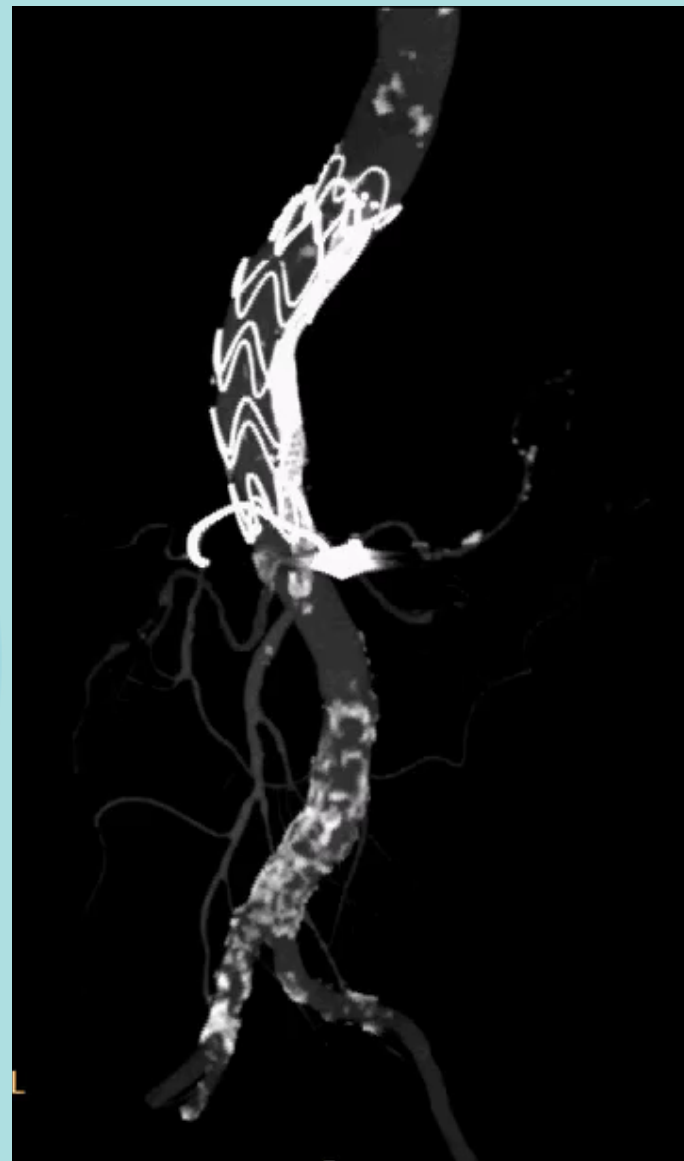
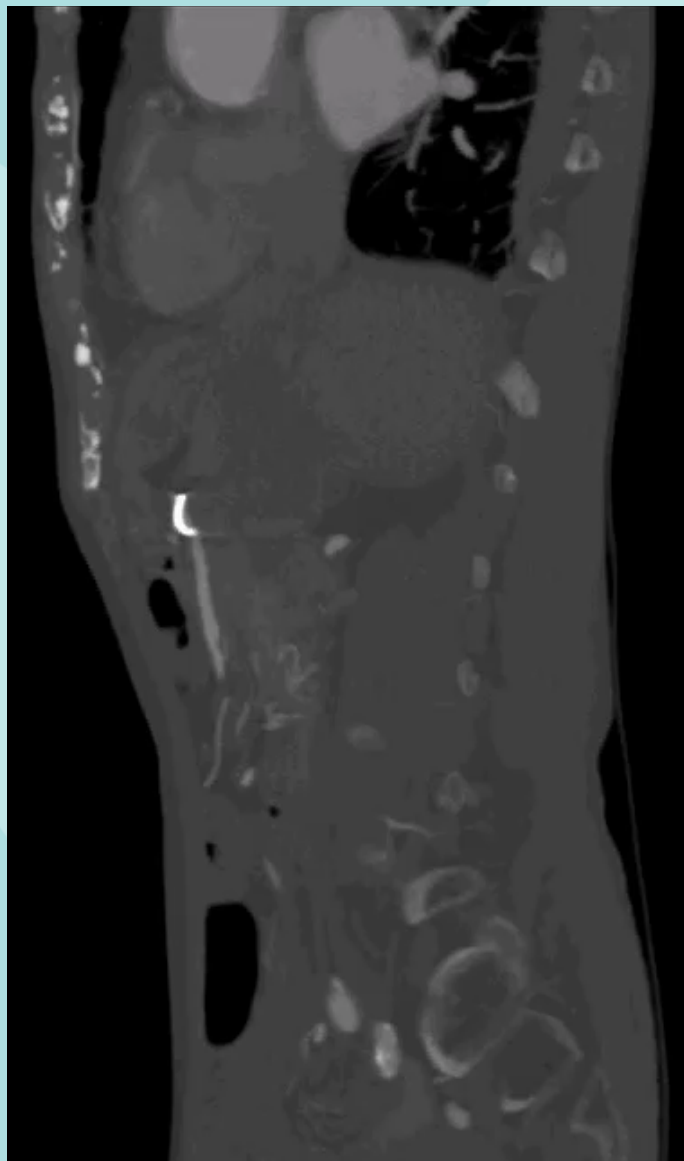


**Kissing balloon (Coda® and
Admiral Xtreme™)**

INTERVENTION



POST-OP



And another post-op image ...



THE BEST APPROACH

- Must be considered individually
- Based on anatomy
- Based on patient comorbidities

