

Hybrid intervention of thoracic and abdominal pseudoaneurysms

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Disclosure Statement of Financial Interest

Presenter Name: Lucas Medizza, MD

I DO NOT have conflict of interest in the context of the subject of this presentation.

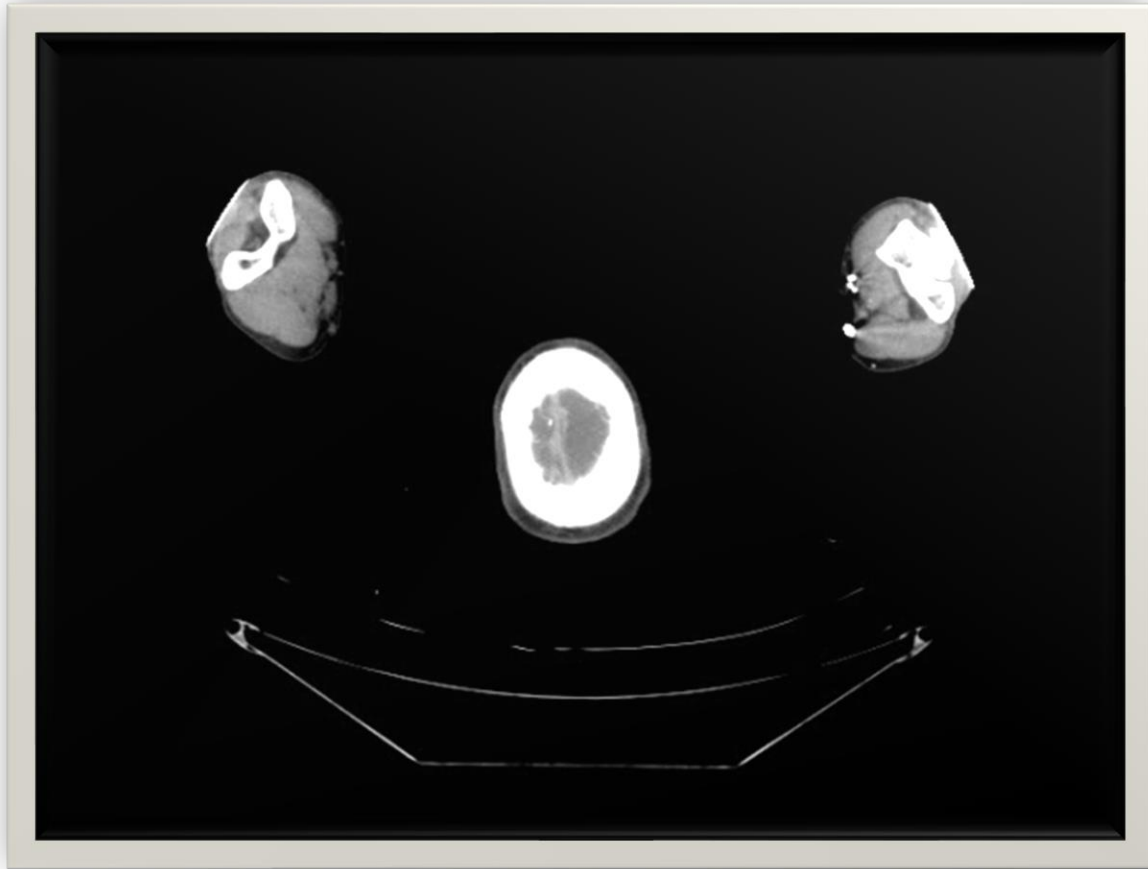


History

- **55- year-old man**
- **Cardiovascular risk factors:** Hypertension, dyslipidemia, Type II diabetes, current smoker, alcoholism
- **Clinical presentation:** Asymptomatic. Incidental finding in CT for smoking history
- **Medication:** Aspirin, bisoprolol, valsartan, amlodipine, rosuvastatin



CT (Incidental finding)



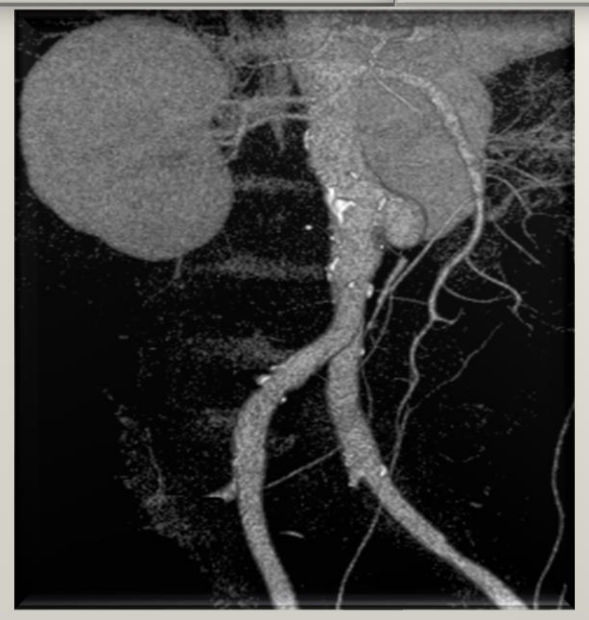
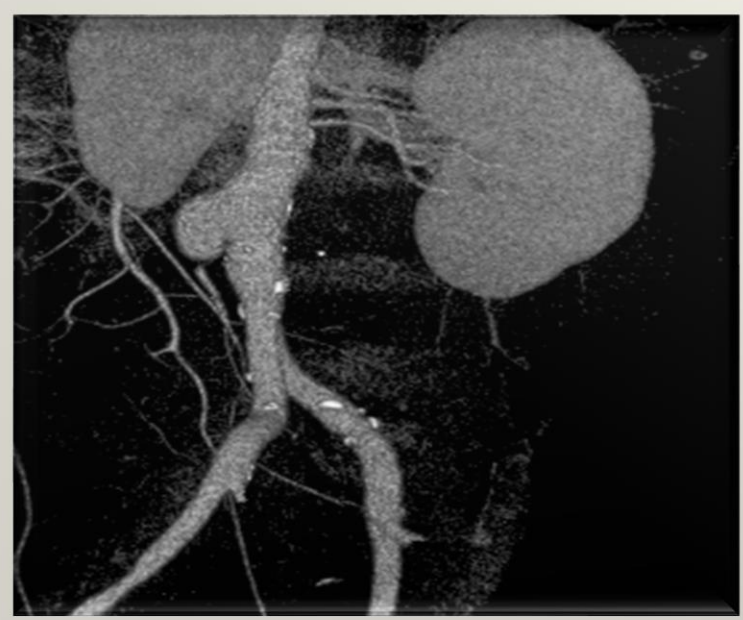
Aortic Arch



Abdominal Aorta



CT (Incidental finding)



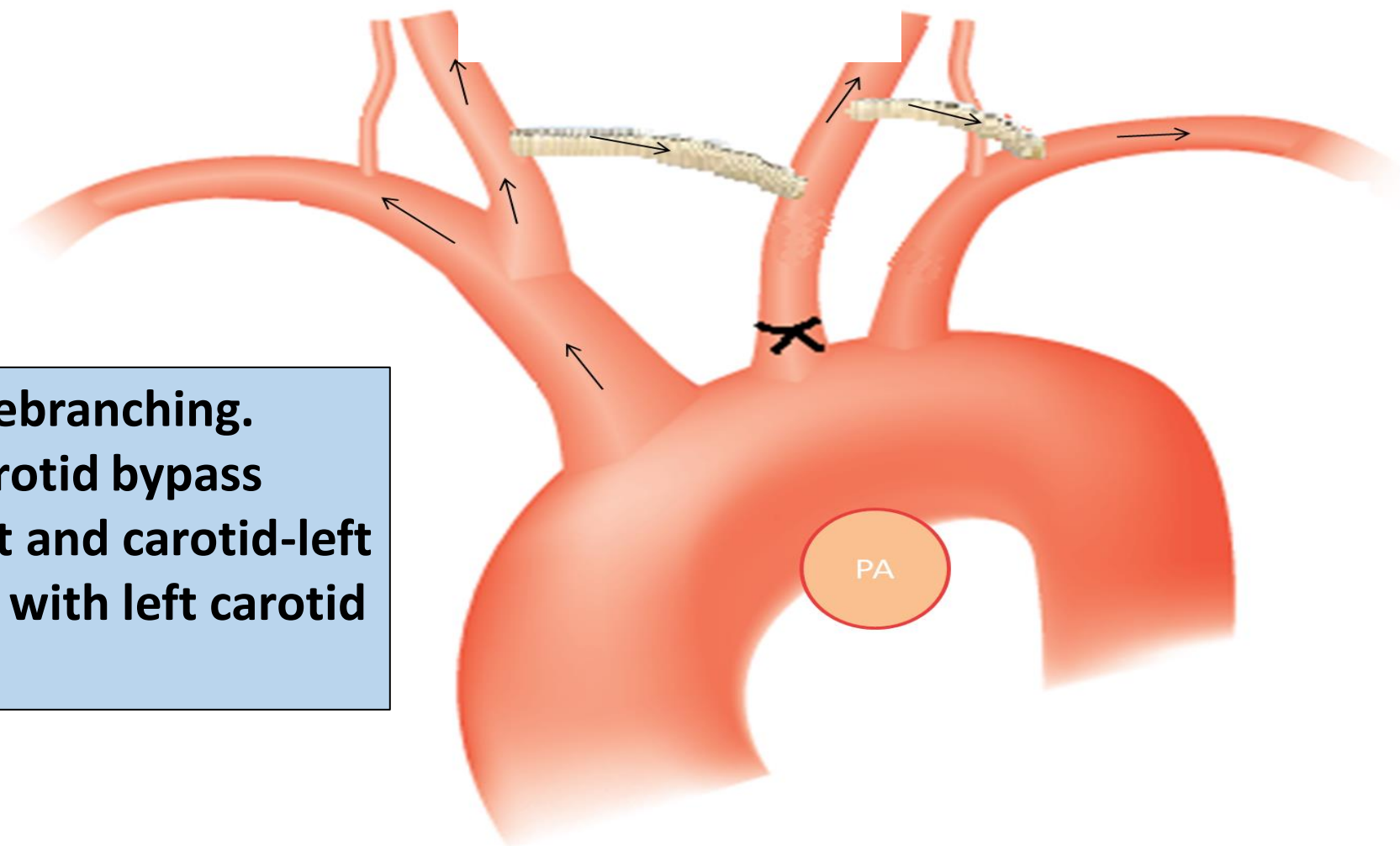
Case Resolution

- The heart team decided to perform a **two-stage hybrid procedure to treat the pseudoaneurysm of the thoracic aorta.**
- **1st (Surgery time):** cervical debranching. Carotid-carotid bypass right to left and carotid-left subclavian with left carotid ligature.
- **2nd (Endovascular time):** Left subclavian artery embolization and subsequent stent implantation in aortic arch and descending aorta.



Surgery time

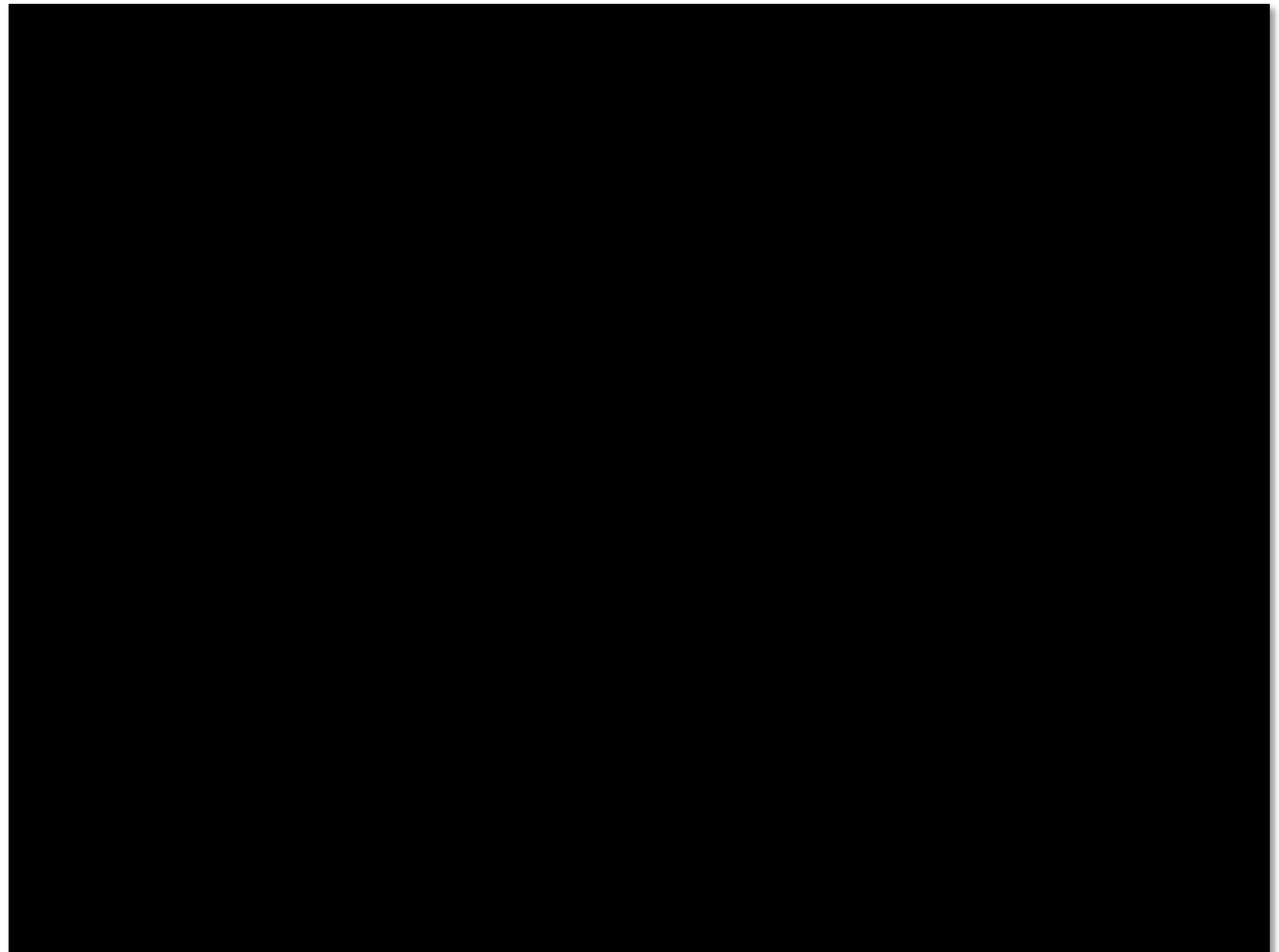
**Cervical debranching.
Carotid-carotid bypass
right to left and carotid-left
subclavian with left carotid
ligature.**



TEVAR

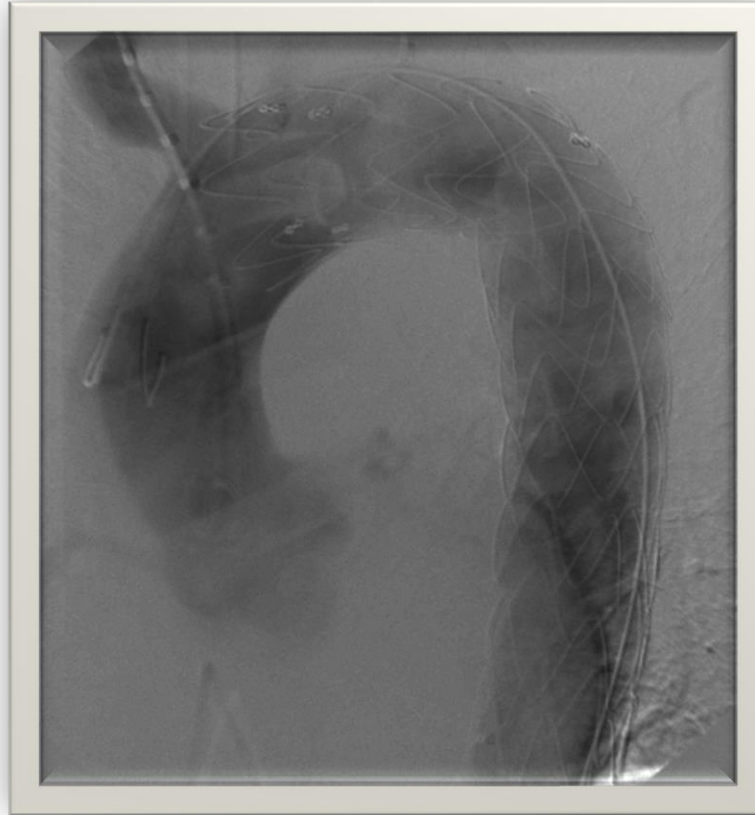


•5F radial access



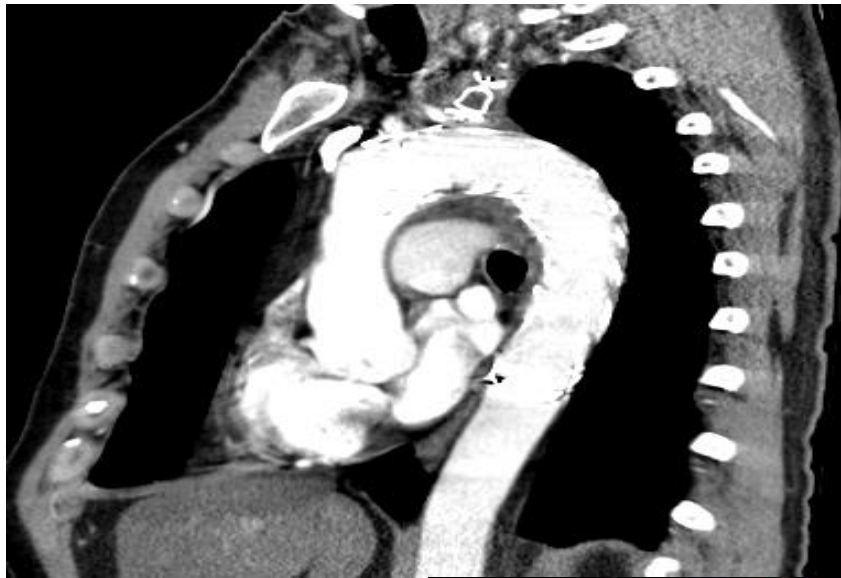
Amplatzer Vascular Plug 14 x 10 mm
Proximal left subclavian artery





**Valiant (Medtronic) 36.36.200
stent implantation in
Thoracic Aorta (Zone 1)**

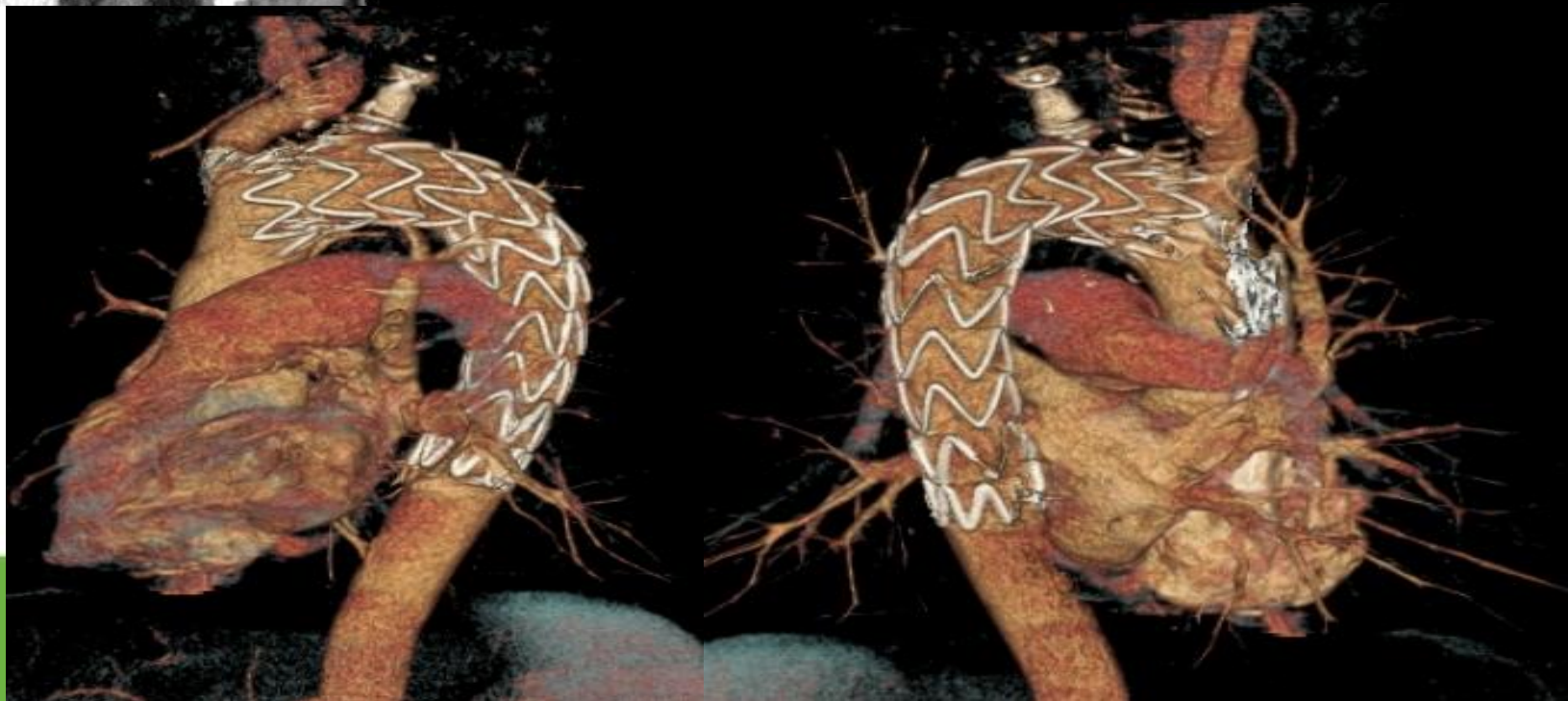




BEFORE



AFTER





**Endurant (Medtronic)
stent implantation in
Abdominal Aorta**



