

A case of total endovascular repair with EPL for isolated right subclavian arterial aneurysm

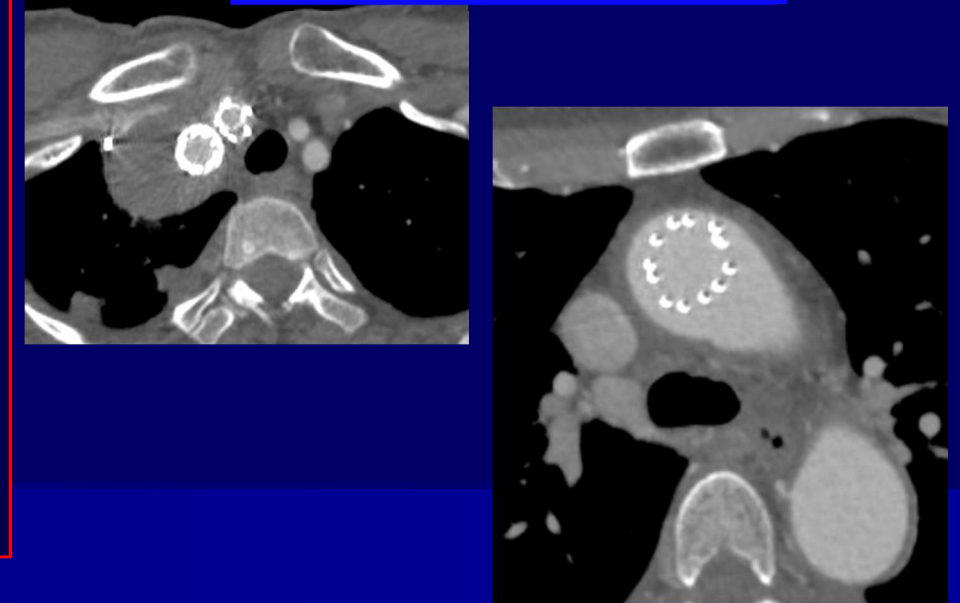
Department of Cardiovascular Surgery
Iwaki City General Iwaki Kyouritsu Hospital

SHUNICHI KONDO, Yoshiaki Katada, Yoshihito Irie,
Eitoshi Tsuboi, Hitoshi Nakanowatari
Kyu Rokkaku

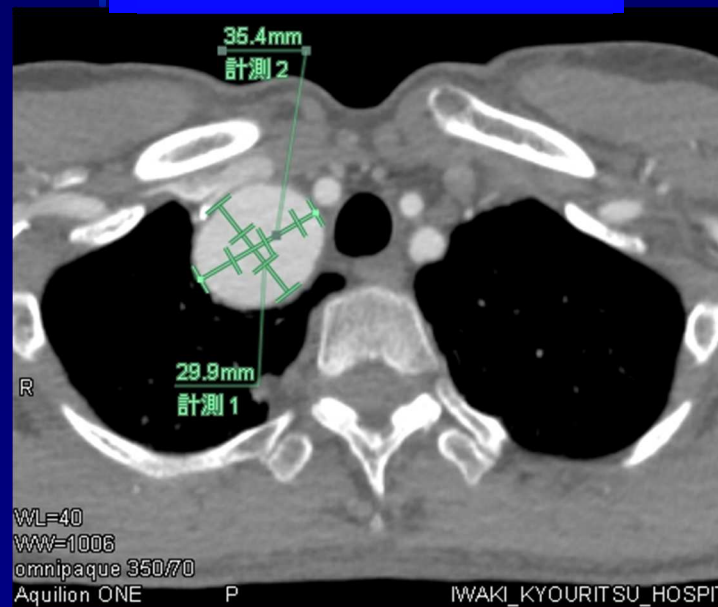
CASE

- 50 years-old woman
- P.H: No traumatic history. Endoscopic cholecystectomy for cholelithiasis in 2014
- P.I: Preoperative CT for the operation showed an isolated proximal right subclavian arterial aneurysm

Post operative CE-CT



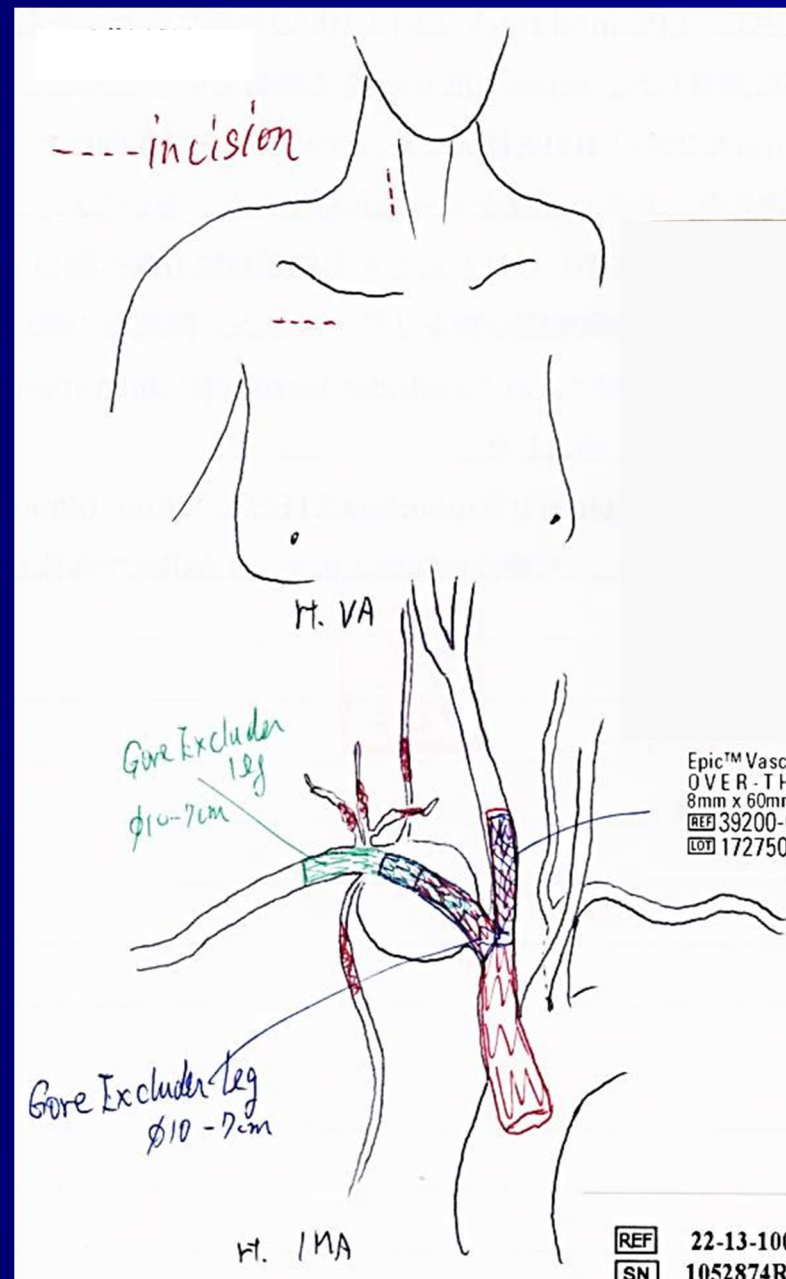
pre operative CE-CT



Pre operative 3D-CT



Operative procedure



Post operative 3D-CT



Conclusion

- The isolated right subclavian arterial aneurysm is relatively rare that would be reported as 1% in the peripheral arterial aneurysm.
- The conventional arterial surgery is difficult to be performed because of the complexity of its anatomical reasons.
- Our endovascular repair with EPL implantation and coil embolization could be performed successfully and less invasively without sternotomy and manipulation of subclavian artery.