RIGHT AORTIC ARCH, VASCULAR RING AND KOMMERELL’S DIVERTICULUM

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90 year old atypical chest pain

- ECG, hs-TnT, D-Dimers negative
- musculoskeletal features of the pain
- long hx of persistent hiccups.
- Right sided aortic arch
- Kommerell’s Diverticulum/sacular aneurysm
- aberrant left subclavian
Kommerel’s Diverticulum with associated aneurism.

-laminated thrombus
- Right sided aortic arch
- Right sided descending aorta
1st LCC
2nd vessel
RCC
third vessel
right
subclavian
-3rd vessel
right subclavian
- 4th vessel left subclavian Kommerell’s diverticulum
vascular ring
1. RAA
2. a LCC-
3. Kommerell’s diverticulum
- Double aortic arch
Right aortic arch with aberrant left subclavian artery and left ligamentum arteriosum
-Right aortic arch with mirror-image branching and left ligamentum arteriosum

-95% congenital anomalies esp ToF
- Dysphagia
- poor weight gain
- stridor
- band 22q11 deletion
- laryngeal web

- children: prevalent breathing problems vs adults where dysphagia prevails.
Kommerell's diverticulum: bulbous configuration of the origin of an aberrant left subclavian artery in the setting of a right-sided aortic arch.
Ευχαριστώ πολύ!