50 y/o M with chest pain

Atul Kumar, MD, MS
Axial Contrast Enhanced CT
Coronal Contrast Enhanced CT
Ductus Diverticulum
Axial Contrast Enhanced CT

Ductus Diverticulum
Coronal Contrast Enhanced CT

Ductus Diverticulum
Ductus Diverticulum

- Diverticulum at the anteromedial aspect of the aortic isthmus, where ligamentum arteriosum, ie remnant ductus arteriosus lives
- Incidental finding with most patients asymptomatic
- Smooth out pouching and well defined
- Aorta is often otherwise unremarkable
- If greater than 3 cm, surgical intervention
- Differential
  - Traumatic aortic pseudoaneurysm
  - Penetrating atheromatous ulcer
  - Aortic aneurysm
References

• www.my.statdx.com