

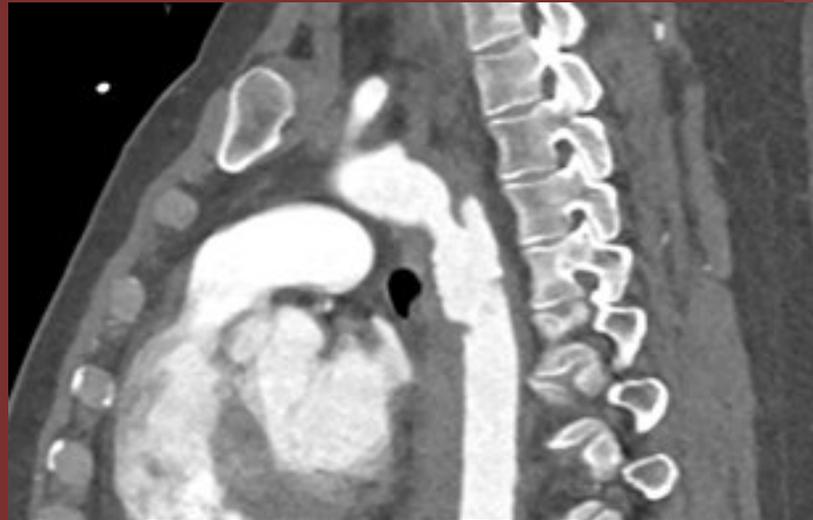
The 50th Anniversary

Fantastic Cases In Cardiovascular Imaging. Case 13

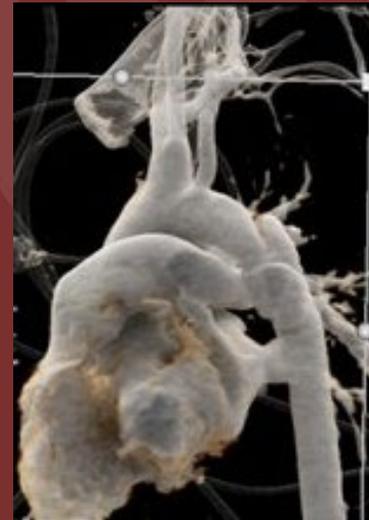
History: 42-year-old male involved in motor vehicle collision.



A



B



C

Figure(s): CTA chest sagittal view (B) shows 3 cm segment of thoracic aortic transection originating 2 cm distal to the origin of left subclavian artery. 3D Cinematic Rendering reconstruction (A,C) demonstrate very apparent contour irregularity consistent with aortic transection

Diagnosis: Transection of the aorta.

Transection of the aorta is a life-threatening medical emergency requiring early diagnosis to increase the possibility of any surgical intervention. Utilization of 3-D Cinematic Rendering can be helpful for cases with subtle injury or when surgical planning is needed.

Abdullah Al Khalifah MD, Stefan Zimmerman MD, Elliot Fishman MD
Johns Hopkins Medicine – Department of Radiology