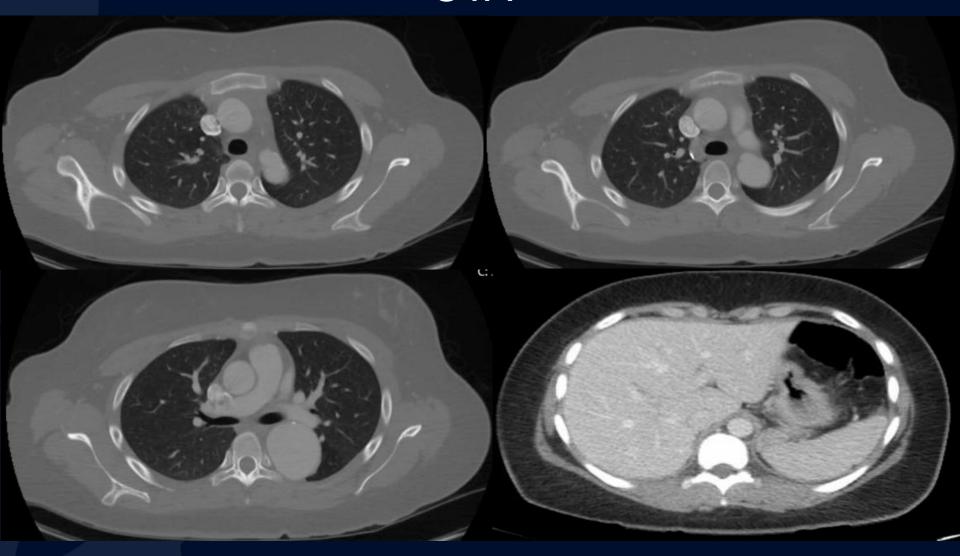
20-year-old female with lifelong hypertension presenting with acute cramping abdominal pain radiating to the back

Sumanya Kumar MS3











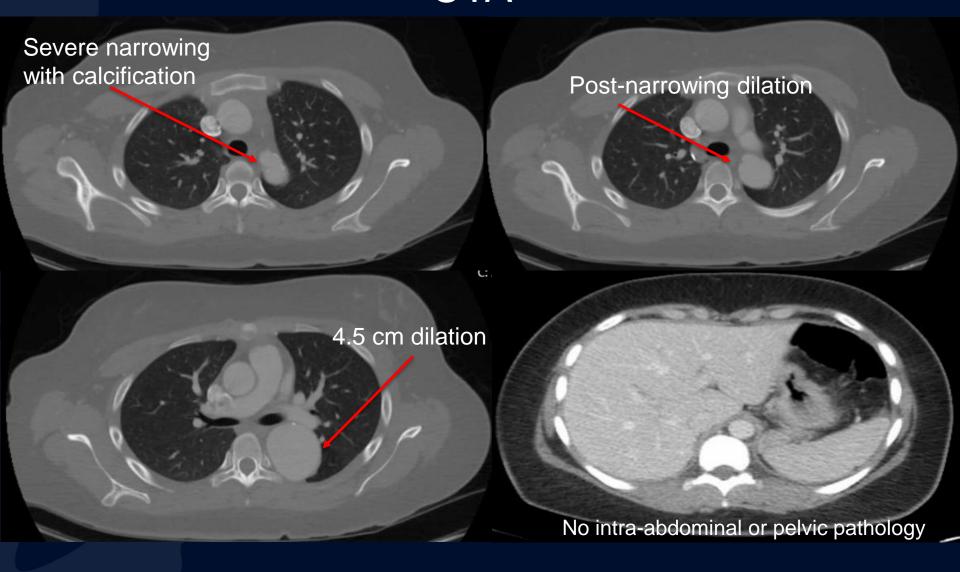




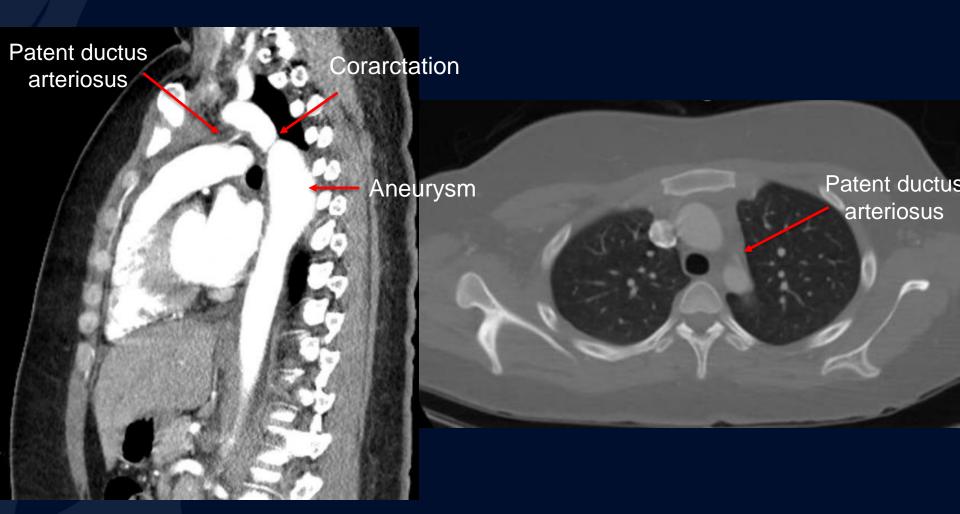


Thoracic aorta aneurysm with coarctation and PDA











Discussion

- Patent ductus arteriosus, coarctation of the aorta, and thoracic aorta aneurysm are all rare entities; even rarer to diagnose them in a 20-year-old with no prior history
- In this case, initial finding of descending aorta aneurysm were found incidentally and was unrelated to her chief complaint in the ED
- Pediatric patients presenting with persistent hypertension should be evaluated for underlying etiologies including PDA and coarctation of the aorta
- Early identification of these pathologies is essential for early correction and prevention of further issues, such as the aneurysm in this patient
- Surgical correction involving cardiopulmonary bypass will be required to correct these pathologies and prevent future complications such as cardiovascular disease and aortic dissection



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