

Pulmonary Artery Aneurysm

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History

Child with congenital heart disease.

Diagnosis

Pulmonary Artery Aneurysm

Additional Clinical

Born with pulmonary atresia and ventriculoseptal defect treated by patch augmentation. Subsequently developed right pulmonary stenosis requiring angioplasty and stent placement.

Discussion

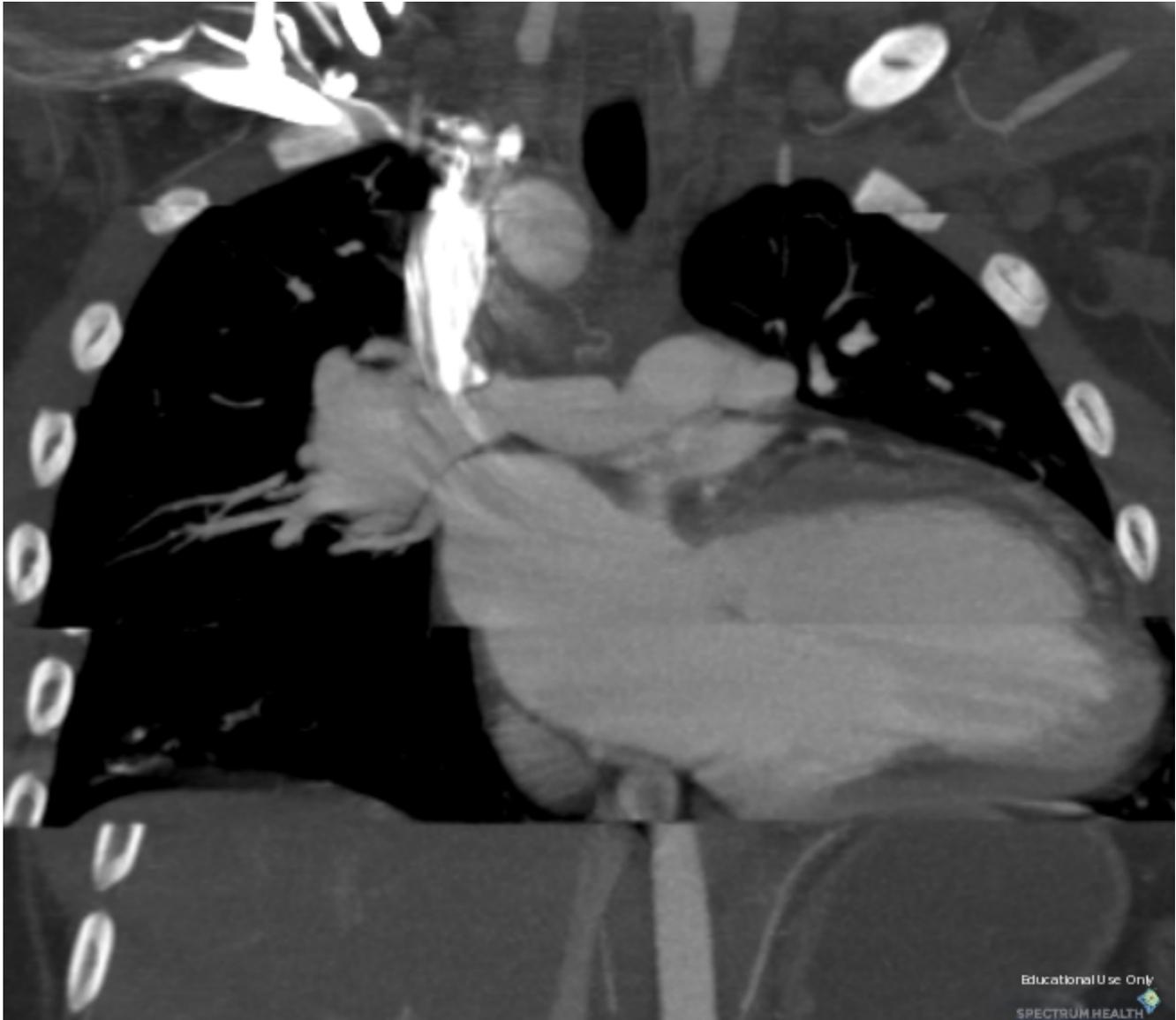
Wall shear stress is likely the hemodynamic factor that triggers the post-stenotic dilation response.

Findings

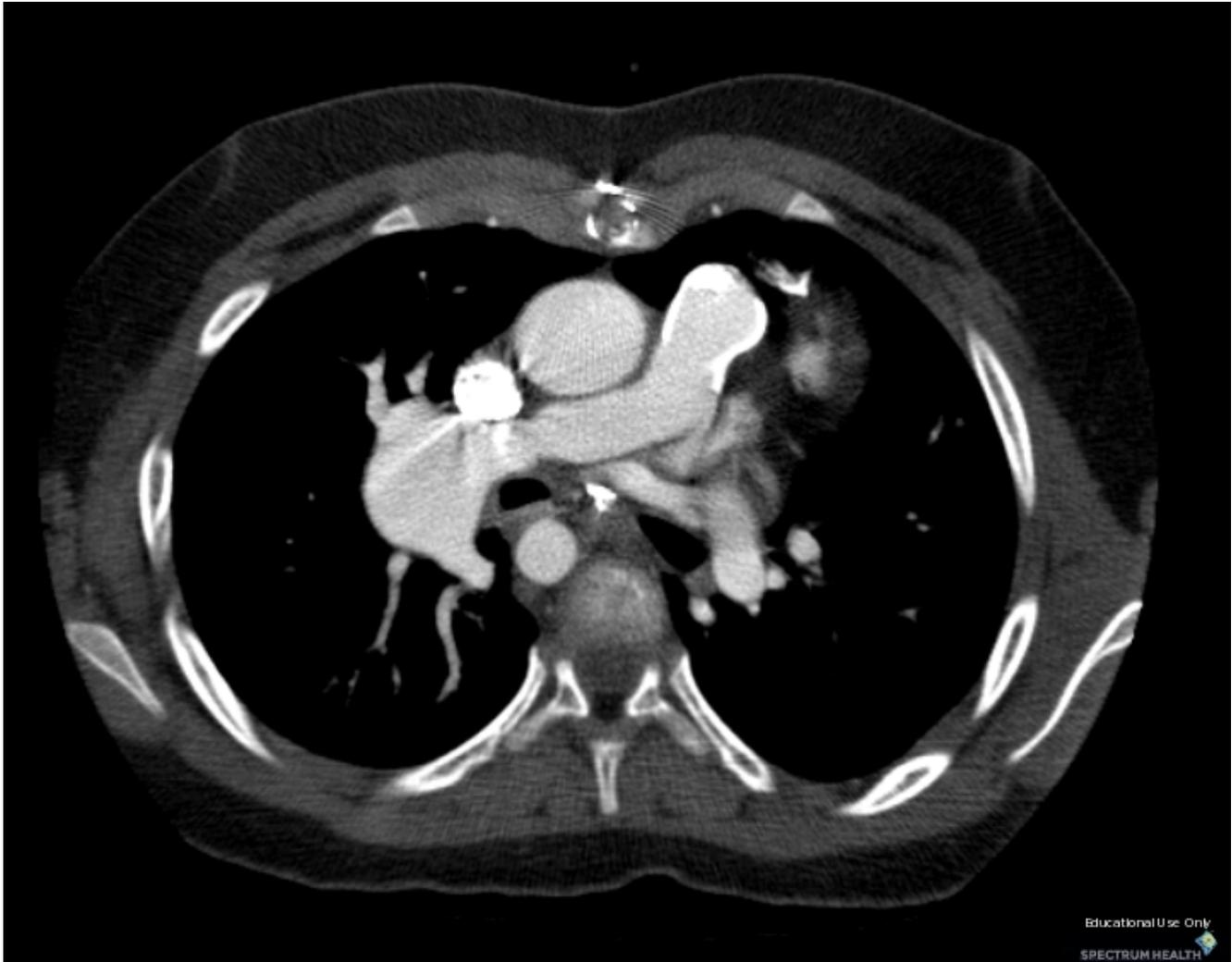
CR-Right hilar vascular enlargement. Note the right aortic arch.
CT-Axial and coronal reformatted images show aneurysmal dilation of the right pulmonary artery.

Reference

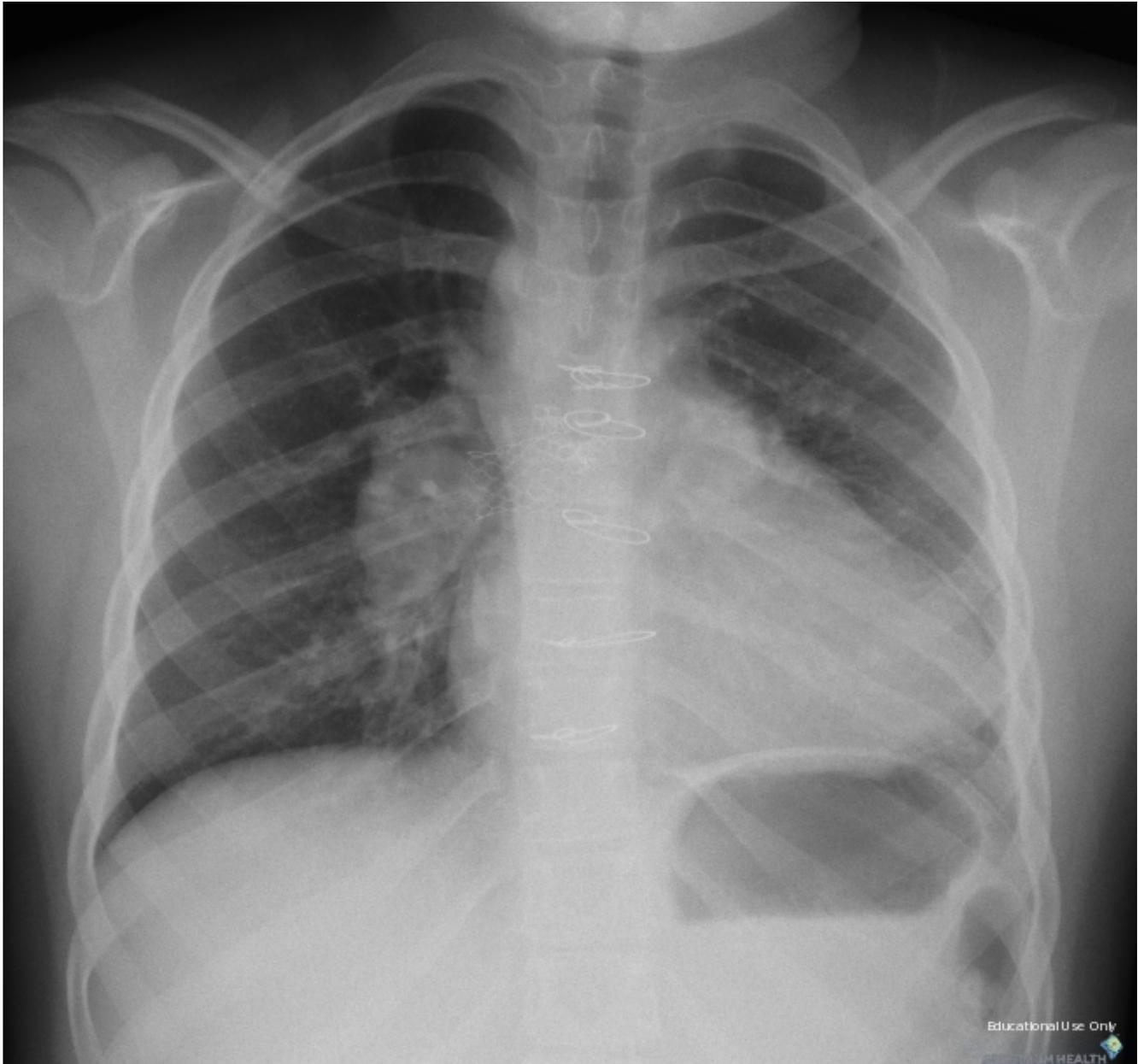
M Ojha and BL Langille Evidence that turbulence is not the cause of poststenotic dilatation in rabbit carotid arteries. *Arterioscler Thromb Vasc Biol* (1993);13;977-984.



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