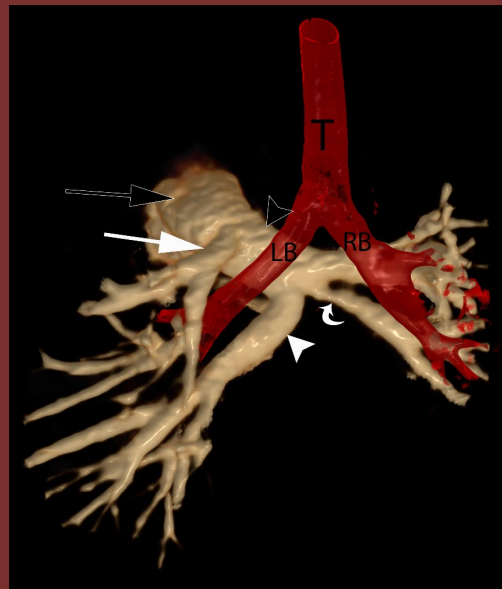
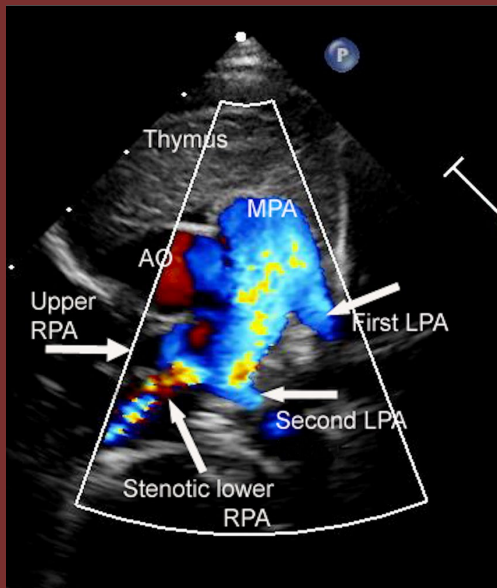


The 50th Anniversary

Fantastic Cases In Cardiovascular Imaging. Case 48

History: 4 month-old with known 3p36.3 chromosomal duplication with abnormality on echocardiogram underwent additional evaluation with a CTA Chest exam.



Figures: (A) Pediatric echo demonstrates an accessory left pulmonary artery arising from the right pulmonary artery. (B) CTA 3D volume-rendered image demonstrating an anomalous left PA arising from the right PA (white arrowhead). (C) Cinematic rendering in the anterosuperior view. Main PA (black arrow) gives rise to the left upper lobe PA (white arrow), and right PA (black arrowhead).

Diagnosis: Partial anomalous left pulmonary artery (PALPA).

PALPA is an exceedingly rare diagnosis whereby an accessory left PA (LPA) arises from the RPA in the presence of a normal LPA arising from the main PA trunk bifurcation.