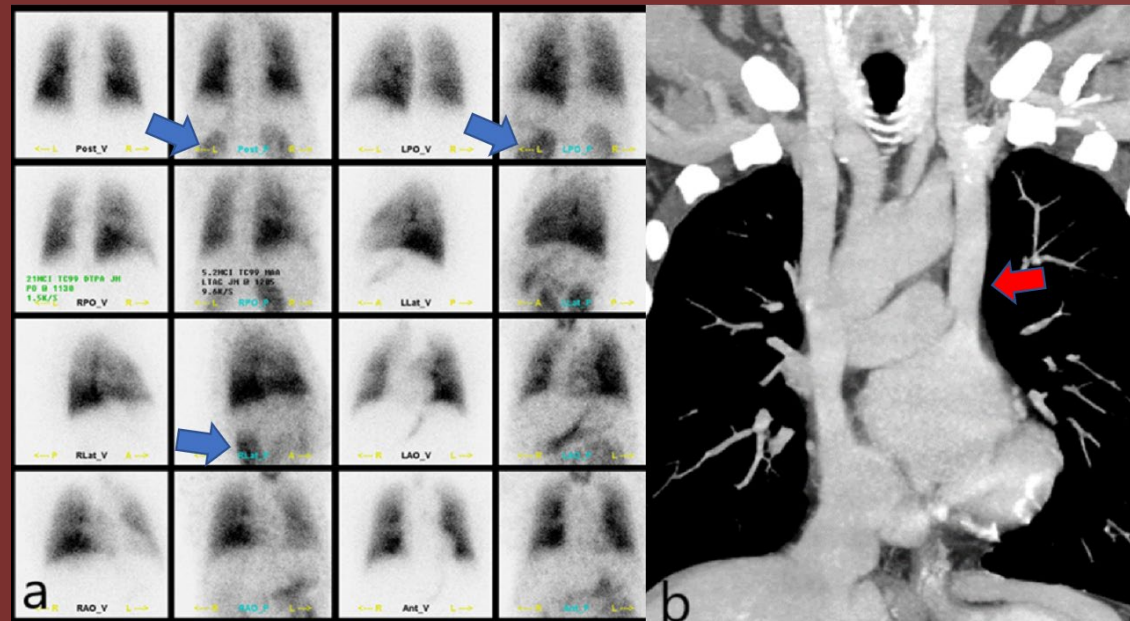


The 50th Anniversary

Fantastic Cases In Cardiovascular Imaging. Case 42

History: 60 year-old man with hypoxia of unknown origin



- a. V/Q scan showing tracer uptake outside the lungs in the kidneys (blue arrows) indicating right to left shunt.
- b. Coronal image of a contrast-enhanced cardiac CT with a vascular structure draining to the left atrium (red arrow).

Diagnosis: Persistent left SVC  
draining to left atrium

A persistent left SVC (red arrow) can be seen when the left anterior cardinal vein not obliterated during fetal development.

It is usually draining into the coronary sinus. Rarely it can drain to the left atrium and can results into a right to left shunt.

