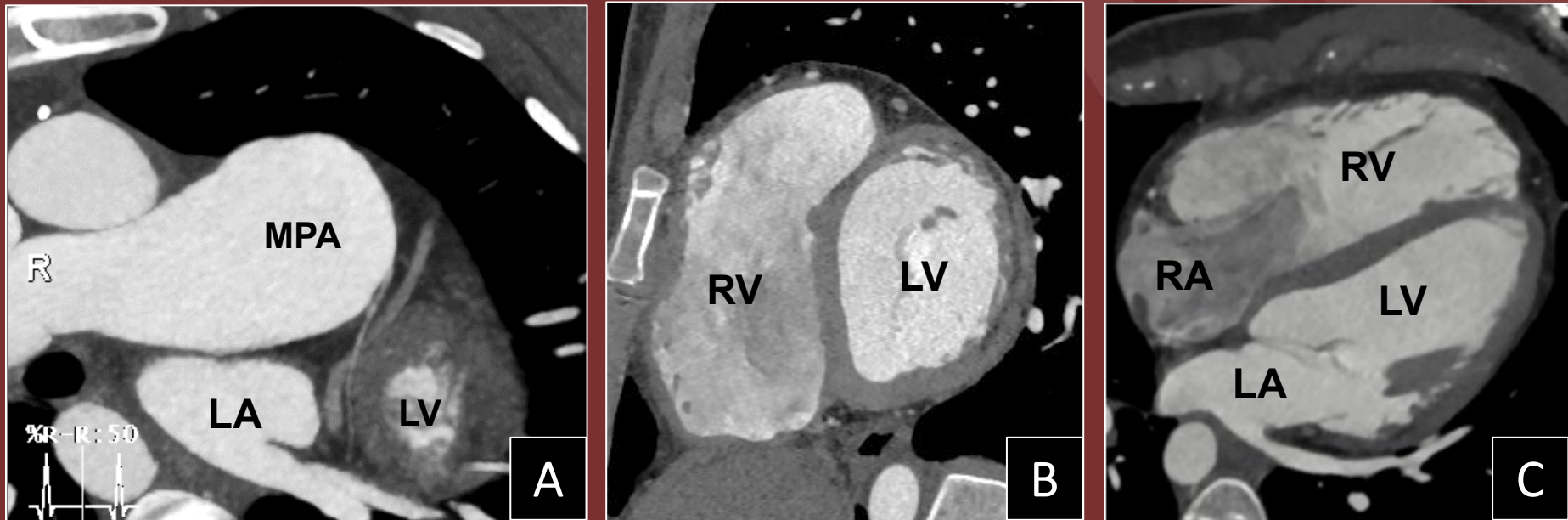


The 50th Anniversary

Fantastic Cases In Cardiovascular Imaging. Case 9

History: 19-year-old female patient with history of Tetralogy of Fallot, status post repair, presenting with chest pain, Retrospective ECG gated cardiac CTA was done



A: Oblique axial-MIP, MPA: main pulmonary artery, LA: left atrium, LV: left ventricle
B: Oblique sagittal-MPR, short axis view at the base, RV: right ventricle
C: Oblique axial – cine, 4 Chamber view , RA: right atrium

Diagnosis:

Very thin left circumflex coronary artery in the left atrio-ventricular groove, originating from the main pulmonary artery (thick arrow in A), with associated subendocardial ischemic changes (arrows in B) and severe hypokineses (arrows in C) at basal anterolateral wall of LV.

