

RCA:

The right coronary artery arises from the right coronary sinus and has a markedly tortuous course. It gives rise to three marginal branches before terminating as posterolateral and posterior descending artery branches. There is a focal 25-49% stenosis due to mixed atheroma immediately distal to the ostium of the large calibre third marginal branch. In the proximal vessel, two tiny foci of mural calcification are present without haemodynamically significant stenosis.

Cardiac findings:

The left ventricle demonstrates apparent mild circumferential thickening, measuring up to 15mm at the septum, supportive of the echo finding of HCM. Otherwise, the cardiac chambers, myocardium and pericardium appear normal.

Other findings:

The lungs and pleural spaces are clear. There is no mediastinal lymphadenopathy. The liver is hypodense, consistent with fatty infiltration, with the remainder of the visualised upper abdominal viscera being unremarkable. No destructive osseous lesion is identified.

Conclusion:

Non-obstructive mixed plaque in the distal RCA and several tiny foci of mural calcification in the proximal RCA and LAD.

Coread by Dr Wonder Woman, Dr James Bond

Performing Radiographer:

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