

Evidence of moderate calcific atherosclerosis- Patient is on the 75th percentile rank for age - Distribution - LAD

*Coronary Arteries:*

Dominance: Right

Left main:

The left main coronary artery arises from the left sinus of Valsalva and appears normal.

LAD:

The LAD contains diffuse mixed plaque throughout its proximal portion, and there is a moderate to severe stenosis of 50-75% between the first and second diagonal branches. No significant stenosis is identified in the LAD.

Diagonals:

The diagonal branches appear normal.

Circumflex:

There is mild plaque in the circumflex, but no significant stenosis in the parent artery or its obtuse marginal branches.

RCA:

The right coronary artery arises from the right sinus of Valsalva and appears normal. Its PDA and PLB branches also appear unremarkable.

*Cardiac Findings:*

Cardiac chambers:

Atrial and ventricular morphology and function is within normal CT limits. The ejection fraction is measured at 84 %.

Cardiac valves:

Cardiac valvular morphology and function is within normal CT limits. The aortic valve is trileaflet.

Pericardium:

There is no pericardial thickening or fluid.

Aortic root:

The aortic root and pulmonary trunk appear normal.

*Limited Chest CT findings:*

There is a large hiatus hernia. No other significant abnormalities seen at the lung bases or in the upper abdomen.

**Impression:**

Moderate, diffuse CAD in the LAD and circumflex with a moderate to severe stenosis of the mid LAD between the 1st and 2nd diagonal branches. Large hiatus hernia.

Thank you for referring this patient.

**Electronically Signed by: Dr Julius Caesar Coread Dr Iron Man**