

Patient Name : Mr.SYED RIAZUL HAQUE Visit No : CHA250033833  
Age/Gender : 73 Y 4 M 10 D/M Registration ON : 25/Feb/2025 10:59AM  
**Lab No : 10131129** Sample Collected ON : 25/Feb/2025 10:59AM  
Referred By : Dr.NIRUPAM PRAKASH Sample Received ON :  
Refer Lab/Hosp : CGHS (BILLING) Report Generated ON : 25/Feb/2025 07:03PM

**CT CORONARY ANGIOGRAPHY**

*Compromised assessment due to respiratory motion artifacts (inadequate breath hold)*

**CALCIUM SCORE:**

VESSEL	LMCA	LAD	LCX	RCA	TOTAL
AGATSTON SCORE	0	177.6	102.5	0	280.2

**Aorta:** shows tricuspid aortic valve with mixed density plaques in visualized part.

**Left main coronary artery** shows origin from left posterior aortic sinus with trifurcation into left anterior descending artery, left circumflex artery and ramus intermedius. No obvious calcified / non-calcified plaques are seen in left main coronary artery; however, optimal assessment is limited by respiratory motion artifacts.

**Left anterior descending artery** shows few calcified plaques in proximal & mid segments with the largest measuring approx. 8.3mm in segmental length being located just distal to left main coronary trifurcation. The plaques are causing upto 55% luminal narrowing; however, optimal assessment is limited by respiratory motion artifacts. Distal opacification appears maintained.

**Ramus Intermedius** is present in narrow in caliber.

**Left circumflex artery** shows few calcified/ partially calcified plaques with the largest measuring approx. 5.6mm in segmental length, being located approx. 21mm distal to left main coronary trifurcation. The plaques are causing upto 45-50% luminal narrowing; however, optimal assessment is limited by respiratory motion artifacts. Distal opacification appears maintained.

**Right coronary artery** shows origin from anterior aortic sinus. It appears attenuated in caliber beyond the origin of AM2 branch. Optimal assessment is limited by respiratory motion artifacts.

**Dominant circulation:** Left sided.

**IMPRESSION: - CORONARY ANGIOGRAM SHOWS -**

- LEFT DOMINANT CIRCULATION.
- CALCIFIED / PARTIALLY CALCIFIED PLAQUES IN CORONARY ARTERIES CAUSING LUMINAL NARROWING AS DESCRIBED. (CAD-RADS 3/N)

*Clinical correlation is necessary.*



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[DR. JAYENDRA K. ARYA, MD]

Transcribed By: Kamran

\*\*\* End Of Report \*\*\*

