

Patient Name	: Mr. SN SHUKLA	Visit No	: CHA250042852
Age/Gender	: 80 Y/M	Registration ON	: 10/Mar/2025 10:59AM
<b>Lab No</b>	<b>: 10140147</b>	Sample Collected ON	: 10/Mar/2025 10:59AM
Referred By	: Dr. B HOPE HOSPITAL **	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 10/Mar/2025 02:06PM

**2D- ECHO & COLOR DOPPLER REPORT**

1. MITRAL VALVE STUDY : MVOA - Normal (perimetry) cm2 (PHT)

**Anterior Mitral Leaflet:**

- (a) Motion: Normal (b) Thickness : Normal (c) DE : 1.8 cm.  
(d) EF 78 mm/sec (e) EPSS : 06 mm (f) Vegetation : -  
(g) Calcium : -

**Posterior mitral leaflet : Normal**

- (a). Motion : Normal (b) Calcium: - (c) Vegetation : -  
Valve Score : Mobility /4 Thickness /4 SVA /4  
Calcium /4 Total /16

2. AORTIC VALVE STUDY

- (a) Aortic root 2.9cms (b) Aortic Opening :1.4cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -  
(g) Valve Structure : Tricuspid, Normal

3. PULMONARY VALVE STUDY

- (a) EF Slope : - (b) A Wave : + (c) MSN : -  
(D) Thickness : (e) Others :

4. TRICUSPID VALVE : Normal

5. SEPTAL AORTIC CONTINUITY 6. AORTIC MITRAL CONTINUITY

- Left Atrium : 3.1 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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**VENTRICLES**

**RIGHT VENTRICLE : Normal**

**RVD (D)**

**RVOT**

**LEFT VENTRICLE :**

**LVIVS (D) 0.9 cm (s) 1.3 cm**

**Motion : normal**

**LVPW (D) 1.1cm (s) 1.5 cm**

**Motion : Normal**

**LVID (D) 4.8 cm (s) 3.3 cm**

**Ejection Fraction :57%**

**Fractional Shortening : 30 %**

**TOMOGRAPHIC VIEWS**

**Parasternal Long axis view :**

**NORMAL LV RV DIMENSION  
GOOD LV CONTRACTILITY.**

**Short axis view**

**Aortic valve level :**

**AOV - NORMAL  
PV - NORMAL  
TV - NORMAL  
MV - NORMAL**

**Mitral valve level :**

**MID POSTERIOR , BASAL POSTERIOR , BASAL INFERIOR LV  
HYPOKINETIC**

**Papillary Muscle Level :**

**Apical 4 chamber View : No LV CLOT**



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**PERICARDIUM**

Normal

**DOPPLER STUDIES**

Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL e = 1.2 a = 0.7	Normal	-	-	-
AORTIC 1.0	Normal	-	-	-
TRICUSPID 0.4	Normal	-	-	-
PULMONARY 0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 57 %
- MID POSTERIOR , BASAL POSTERIOR , BASAL INFERIOR LV HYPOKINETIC
- NO MR/ TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – PDA TERRITORY HYPOKINETIC**

**DR. PANKAJ RASTOGI, MD,DM**

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

