

Patient Name : Mr. HRISHKESH MISHRA	Visit No : CHA250037902
Age/Gender : 50 Y/M	Registration ON : 03/Mar/2025 08:58AM
Lab No : 10135197	Sample Collected ON : 03/Mar/2025 09:00AM
Referred By : Dr. KGMU	Sample Received ON : 03/Mar/2025 09:57AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 03/Mar/2025 10:24AM
Doctor Advice : RANDOM,2D ECHO	



Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD SUGAR RANDOM				
BLOOD SUGAR RANDOM	73.8	mg/dl	70 - 170	Hexokinase

*** End Of Report ***



[Checked By]



Sham

DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

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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 :** 1.5 cm.
 (d) **EF :** 44mm/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 :** 3.0cms (b) **Aortic Opening :** 1.8cms (c) **Closure:** Central
 (d) **Calcium :** - (e) **Eccentricity Index :** 1 (f) **Vegetation :** -

(g) **Valve Structure :** Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

- (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 : 2.8 cms

Clot : -

Others :

Right Atrium : Normal

Clot : -

Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9cm (s) 1.3cm

Motion : normal

LVPW (D) 1.0cm (s) 1.4cm

Motion : Normal

LVID (D) 4.2 cm (s) 2.7 cm

Ejection Fraction :66%

Fractional Shortening : 36 %

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

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

NO RWMA

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 = 0.7 a = 0.7	Normal	-	-	-
AORTIC	0.8	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 66 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. PANKAJ RASTOGI MD.DM

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