

Patient Name	: Mr.MOHD SHAKIR	Visit No	: CHA250039520
Age/Gender	: 52 Y/M	Registration ON	: 05/Mar/2025 10:13AM
Lab No	: 10136815	Sample Collected ON	: 05/Mar/2025 10:13AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 05/Mar/2025 11:30AM

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** 73 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** :3.6cms (b) **Aortic Opening** :1.5cms (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 :4.5cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



Patient Name	: Mr.MOHD SHAKIR	Visit No	: CHA250039520
Age/Gender	: 52 Y/M	Registration ON	: 05/Mar/2025 10:13AM
Lab No	: 10136815	Sample Collected ON	: 05/Mar/2025 10:13AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 05/Mar/2025 11:30AM

VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.1 cm (s) 1.3 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.5 cm

Motion : Normal

LVID (D) 5.8 cm (s) 4.0 cm

Ejection Fraction :58%

Fractional Shortening : 31 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

MILDLY DILATED LV
FAIR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

MID POSTERIOR , BASAL POSTERIOR , MID INFERIOR & BASAL INFERIOR LV HYPOKINETIC

Papillary Muscle Level :

Apical 4 chamber View :

No LV CLOT



Patient Name	: Mr.MOHD SHAKIR	Visit No	: CHA250039520
Age/Gender	: 52 Y/M	Registration ON	: 05/Mar/2025 10:13AM
Lab No	: 10136815	Sample Collected ON	: 05/Mar/2025 10:13AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 05/Mar/2025 11:30AM

PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.6 a = 0.9	a > e	-	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR

CONCLUSIONS :

- MILDLY DILATED LV
- FAIR LV SYSTOLIC FUNCTION
- LVEF = 58 %
- MID POSTERIOR , BASAL POSTERIOR , MID INFERIOR & BASAL INFERIOR LV HYPOKINETIC
- MILD MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – RCA TERRITORY HYPOKINETIC

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

