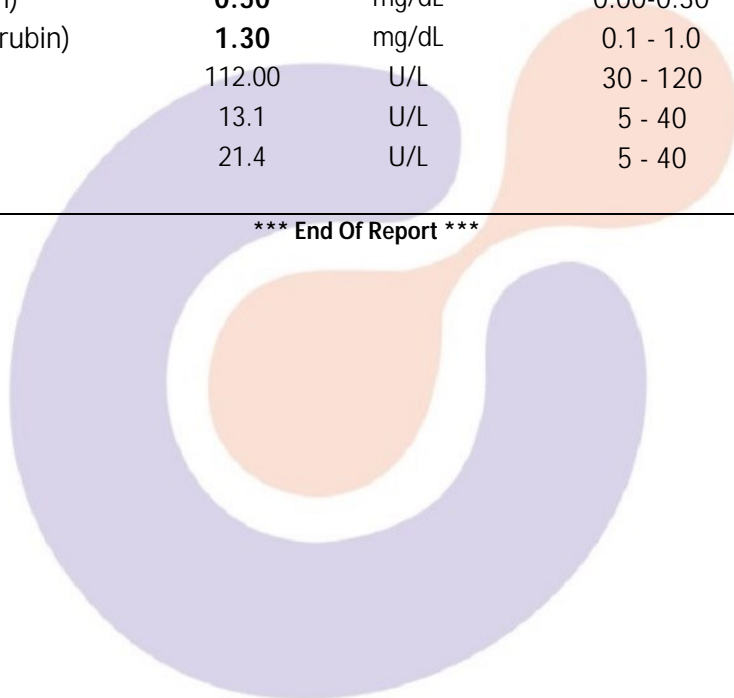


Patient Name : Mr. RAJESH KUMAR GUPTA	Visit No : CHA250038397
Age/Gender : 62 Y/M	Registration ON : 03/Mar/2025 04: 26PM
Lab No : 10135692	Sample Collected ON : 03/Mar/2025 04: 29PM
Referred By : Dr. KGMU	Sample Received ON : 03/Mar/2025 05: 03PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 03/Mar/2025 07: 09PM
Doctor Advice : VIT B12,LFT,2D ECHO,T3T4TSH,URINE COM. EXMAMINATION	



Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	1.80	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.50	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	1.30	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	112.00	U/L	30 - 120	PNPP, AMP Buffer
SGPT	13.1	U/L	5 - 40	UV without P5P
SGOT	21.4	U/L	5 - 40	UV without P5P

*** End Of Report ***



CHARAK



Shadab Khan

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Lab No	: 10135692	Sample Collected ON	: 03/Mar/2025 04:26PM
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Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 03/Mar/2025 06:53PM

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** : 1.3 cm.
 (d) **EF** 52 mm/sec (e) **EPSS** : 21 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** :2.7cms (b) **Aortic Opening** :1.9cms (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 : 4.1 cms

Clot : -

Others :

Right Atrium : Normal

Clot : -

Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 0.9 cm

Motion : normal

LVPW (D) 0.8cm (s) 0.8cm

Motion : Normal

LVID (D) 5.9 cm (s) 5.4 cm

Ejection Fraction : 20%

Fractional Shortening : 10 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

DILATED LA & LV
V. POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

GLOBAL HYPOKINESIA OF LV

Apical 4 chamber View :

No LV CLOT



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow (/4)	pattern	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.9 a = 0.3	Normal	1	-	-	-
AORTIC	1.0	Normal	-	-	-	-
TRICUSPID	0.4	Normal	1	-	-	-
PULMONARY	0.7	Normal	-	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR
GR I/IV TR

CONCLUSIONS :

- DILATED LA & LV
- V. POOR LV SYSTOLIC FUNCTION
- LVEF = 20 %
- GLOBAL HYPOKINESIA OF LV
- MILD MR
- MILD TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – DILATED CARDIOMYOPATHY ? ISCHEMIC

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

