

Patient Name : Mr.RAM NATH RAM Visit No : CHA250046616
Age/Gender : 71 Y/M Registration ON : 17/Mar/2025 08:41AM
Lab No : 10143911 Sample Collected ON : 17/Mar/2025 08:41AM
Referred By : Dr.ROHAN BAJPAI Sample Received ON :
Refer Lab/Hosp : CGHS (BILLING) Report Generated ON : 17/Mar/2025 10:05AM

ECG -REPORT

RATE : 84 bpm
* RHYTHM : Normal
* P wave : Normal
* PR interval : Normal
* QRS Axis : Normal
Duration : Normal
Configuration : Normal
* ST-T Changes : None
* QT interval :
* QTc interval : Sec.
* Other :

OPINION: ECG WITH IN NORMAL LIMITS
(FINDING TO BE CORRELATED CLINICALLY)

[DR. PANKAJ RASTOGI, MD, DM]

CHARAK



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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 : 2.1 cm.
(d) EF : 51 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 : 3.1cms (b) Aortic Opening : 2.1cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -

(g) Valve Structure : Tricuspid,

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 : 4.5cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.2 cm (s) 1.4 cm

Motion : normal

LVPW (D) 1.3cm (s) 1.9 cm

Motion : Normal

LVID (D) 5.6 cm (s) 3.5 cm

Ejection Fraction :66%

Fractional Shortening : 37 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

CONCENTRIC LVH
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 = 0.4 a = 0.7	a > e	-	-	-
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 :

- **CONCENTRIC LVH**
- **GOOD LV SYSTOLIC FUNCTION**
- **LVEF = 66 %**
- **NO RWMA**
- **a > e ,DIASTOLIC DYSFUNCTION**
- **NO CLOT / VEGETATION**
- **NO PERICARDIAL EFFUSION**

OPINION – CONCENTRIC LVH

DR. PANKAJ RASTOGI MD.DM

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ULTRASOUND STUDY OF WHOLE ABDOMEN

- **Liver is mildly enlarged in size and shows increased echotexture of liver parenchyma.** No intrahepatic biliary radicle dilatation is seen. **A well defined simple cyst is seen in left lobe measuring approx. 16 x 14mm.** Hepatic veins and IVC are seen normally.
- **Gall bladder** is normal in size and shows anechoic lumen. No calculus / mass lesion is seen. GB walls are not thickened.
- **CBD** is normal at porta. No obstructive lesion is seen.
- **Portal vein** Portal vein is normal at porta.
- **Pancreas** is normal in size and shows homogenous echotexture of parenchyma. PD is not dilated. No parenchymal calcification is seen. No peripancreatic collection is seen.
- **Spleen** is normal in size and shows homogenous echotexture of parenchyma. No SOL is seen.
- No retroperitoneal adenopathy is seen.
- No ascites is seen.
- **Both kidneys** are normal in size and position. No hydronephrosis is seen. No calculus or mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 88 x 42mm in size. Left kidney measures 89 x 45mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is partially distended with anechoic lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- Bilateral seminal vesicles are seen normally.
- **Prostate is enlarged in size, measures 30 x 38 x 43mm with weight of 26gms** and shows homogenous echotexture of parenchyma. No mass lesion is seen.
- Pre void urine volume approx 103cc.
- Post void residual urine volume approx. 10cc (insignificant).

OPINION:

- **MILD HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE-I WITH SIMPLE HEPATIC CYST IN LEFT LOBE.**
- **PROSTATOMEGALY GRADE-I.**

Clinical correlation is necessary.

[DR. R.K. SINGH, MD]

Transcribed By: Purvi



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SKIAGRAM CHEST PA VIEW

- Both lung fields are clear.
- Bilateral hilar shadows are prominent.
- Cardiac shadow is within normal limits.
- Left CP angle is obliterated.
- Soft tissue and bony cage are seen normally.
- Both domes of diaphragm are sharply defined.

IMPRESSION:

- ? PLEURAL EFFUSION LEFT.

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

*** End Of Report ***

CHARAK

