

Patient Name	: Mr.RAM NARESH	Visit No	: CHA250038117
Age/Gender	: 36 Y/M	Registration ON	: 03/Mar/2025 12:17PM
Lab No	: 10135412	Sample Collected ON	: 03/Mar/2025 12:17PM
Referred By	: Dr.DEEPAK DEEWAN	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 03/Mar/2025 04:11PM

ECG -REPORT

RATE : 64 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. RAJIV 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 :** 2.0 cm.
(d) **EF** 75 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** :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 :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) 0.9 cm (s) 1.4cm

Motion : normal

LVPW (D) 0.8cm (s) 1.3 cm

Motion : Normal

LVID (D) 5.3 cm (s) 3.1 cm

Ejection Fraction :70%

Fractional Shortening :40 %

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 = 1.0 a = 0.4	Normal	-	-	-
AORTIC	1.7	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 70 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

CHARAK

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM



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ULTRASOUND STUDY OF WHOLE ABDOMEN

- **Liver** is mildly enlarged in size (~161mm) and shows increased echotexture of liver parenchyma. No intrahepatic biliary radicle dilatation is seen. No space occupying lesion is seen. 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 small in size and normal in position. No hydronephrosis is seen. **Bilateral renal parenchymal echogenicity is increased (Grade-III) with loss of cortico-medullary differentiation.** No calculus or mass lesion is seen. No scarring is seen. Right kidney measures 69 x 31 mm in size. Left kidney measures 67 x 29 mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is *partially distended*.
- **Prostate** is normal in size and shows homogenous echotexture of parenchyma. No mass lesion is seen.

OPINION:

- **MILD HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE-I.**
- **BILATERAL GRADE -III CHRONIC KIDNEY DISEASE (ADV: RFT & RENAL DOPPLER).**

Clinical correlation is necessary.

([DR. R. K. SINGH, MD])

Transcribed by Gausiya



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SKIAGRAM CHEST PA VIEW

- Both lung fields are clear.
- Bilateral hilar shadows are normal.
- Cardiac shadow is in upper limits of normal.
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.
- Both domes of diaphragm are sharply defined.

OPINION

- **NO ACTIVE LUNG PARENCHYMAL LESION IS DISCERNIBLE.**

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

Transcribed by R R...

CHARAK

*** End Of Report ***

