

Patient Name	: Mr.YUNUS ALI	Visit No	: CHA250042778
Age/Gender	: 50 Y/M	Registration ON	: 10/Mar/2025 09:52AM
Lab No	: 10140073	Sample Collected ON	: 10/Mar/2025 09:52AM
Referred By	: Dr.LUCKNOW NEURO & TRAUMA CENT	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 10/Mar/2025 10:27AM

ECG -REPORT

RATE : 100 bpm

* RHYTHM : Normal

* P wave : Normal

* PR interval : Normal

* QRS Axis : Normal

Duration : Normal

Configuration : Normal

* ST-T Changes : ST Elevation in V5-V6

* QT interval :

* QTc interval : Sec.

* Other :

OPINION: ? EVOLVING ANTERIOR M.I.
(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 :** 1.7 cm.
(d) **EF :** 80 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 :** 2.7cms (b) **Aortic Opening :** 1.4cms (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 : 2.5 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.1 cm

Motion : normal

LVPW (D) 1.8cm (s) 1.8 cm

Motion : Normal

LVID (D) 4.4 cm (s) 2.8 cm

Ejection Fraction :64%

Fractional Shortening : 35 %

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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	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.7 a = 0.7	Normal	1	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	1	-	-
PULMONARY	0.6	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

TR peak vel =2.0m/sec ; RV-RA PSG = 17mmHg ; Expected PASP = 27 mmHg

COLOUR DOPPLER

GR I / IV MR
GR I / IV TR

CHARAK

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 64 %
- NO RWMA
- MILD MR
- MILD TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI MD.DM



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ULTRASOUND STUDY OF WHOLE ABDOMEN

Excessive gaseous abdomen

- **Liver** is mildly enlarged in size (~160mm) 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 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 116 x 53 mm in size. Left kidney measures 101 x 50 mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is not distended. **Foley's catheter is seen in situ.**
- Bilateral seminal vesicles are seen normally.
- **Prostate** is enlarged in size measures 36 x 35 x 34 mm with weight of 23 gms and shows homogenous echotexture of parenchyma.
- **Bilateral pleural effusion** is seen measuring approx 66 x 51 x 40mm with volume 72cc in right side and 47 x 36 x 36mm with volume 32cc in left side.

OPINION:

- MILD HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE-I.
- PROSTATOMEGALY GRADE-I.
- BILATERAL PLEURAL EFFUSION.

(Possibility of acid peptic disease could not be ruled out).

Clinical correlation is necessary.

[DR. R. K. SINGH, MD]

Transcribed by Gausiya

*** End Of Report ***



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