

Patient Name : Mr.MOHD SHAKEEL Visit No : CHA250035963
Age/Gender : 45 Y/M Registration ON : 28/Feb/2025 09:43AM
Lab No : 10133259 Sample Collected ON : 28/Feb/2025 09:43AM
Referred By : Dr.DEEPAK DEEWAN Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 28/Feb/2025 03:08PM

ECG -REPORT

* RATE : 85 bpm.
* RHYTHM : Normal
* P wave : Normal
* PR interval : Normal
* QRS Axis : Left axis
Duration : Normal
Configuration : rs L2,L3, avF
Increased LV Voltages
* ST-T Changes : None
* QT interval :
* QTc interval : Sec.
* Other :

OPINION: LEFT VENTRICULAR HYPERTROPHY
(FINDING TO BE CORRELATED CLINICALLY)

CHARAK

[DR. PANKAJ RASTOGI, MD, DM]

Transcribed By: JAVED



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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 : 1.5 cm.

(d) EF 37 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 : 2.9cms (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 : 3.4 cms

Clot : - Others :

Right Atrium : Normal

Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.4 cm (s) 1.8 cm

Motion : normal

LVPW (D) 1.4cm (s) 2.0 cm

Motion : Normal

LVID (D) 4.7 cm (s) 2.9 cm

Ejection Fraction :66%

Fractional Shortening :36 %

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 = 0.8 a = 1.2	a > e	-	-	-
AORTIC	1.5	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	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

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DR. PANKAJ RASTOGI, MD,DM



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ULTRASOUND STUDY OF WHOLE ABDOMEN

- **Liver** is mildly enlarged in size measures 151 mm 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 borderline enlarged in size measures 124 mm 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. **Bilateral cortical echogenicity is increased (grade II) with partially maintained cortico-medullary differentiation.** No hydronephrosis is seen. No calculus is seen. **Simple cortical cysts are seen in both kidney, measuring approx. 15 x 13 mm at upper pole of right kidney and 20 x 17 mm at mid pole of left kidney.** Parenchymal thickness is normal. No scarring is seen. Right kidney measures 90 x 38 mm in size. Left kidney measures 96 x 43 mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is normal in contour with anechoic lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- Bilateral seminal vesicles are seen normally.
- **Prostate** is mildly enlarged in size, measures 26 x 42 x 39 mm with weight of 23gms and shows homogenous echotexture of parenchyma. No mass lesion is seen.

OPINION:

- **Mild hepatomegaly with fatty infiltration of liver grade-I.**
- **Borderline splenomegaly.**
- **Bilateral grade II Medical renal disease (ADV : RFT Correlation).**
- **Bilateral simple renal cortical cysts.**
- **Mild prostatomegaly.**

Clinical correlation is necessary.

[DR. R. K. SINGH, MD]

Transcribed by Rachna



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SKIAGRAM CHEST PA VIEW

- Both lung fields are clear.
- Bilateral hilar shadows are prominent.
- Mild cardiomegaly is present.
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.
- Both domes of diaphragm are sharply defined.

IMPRESSION:

- **MILD CARDIOMEGALY.**

Clinical correlation and Cardiac evaluation is needed.

[DR. RAJESH KUMAR SHARMA, MD]

Transcribed by R R...

CHARAK

*** End Of Report ***

