

Patient Name : Ms.MUBEENA Visit No : CHA250035934
Age/Gender : 62 Y/F Registration ON : 28/Feb/2025 09: 15AM
Lab No : 10133230 Sample Collected ON : 28/Feb/2025 09: 15AM
Referred By : Dr.DEEPAK DEEWAN Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 28/Feb/2025 10: 25AM

ECG REPORT

* RATE : 78 bpm
* RHYTHM : Irregular
* P wave : -
* PR interval : -
* QRS Axis : Normal
Duration : Normal
Configuration : Normal
* ST-T Changes : Secondary ST -T Changes
* QT interval :
* QTc interval : Sec.
* Other

OPINION: ATRIAL FIBRILLATION

(Finding to be correlated clinically)

DR. PANKAJ RASTOGI,MD,DM



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2D- ECHO & COLOR DOPPLER REPORT

1. MITRAL VALVE STUDY : MVOA – 1.6 cms2(perimetry) / 1.6 cm2 (PHT)

Anterior Mitral Leaflet:

(a) Motion: restricted (b) Thickness : thickened (c) DE : 1.4 cm.
(d) EF : 22 mm/sec (e) EPSS : 04 mm (f) Vegetation : -
(g) Calcium : -

Posterior mitral leaflet : Thickened

(a). Motion :paradoxical anterior (b) Calcium: - (c) Vegetation : -
Valve Score : Mobility /4 Thickness /4 SVA /4
Calcium /4 Total /16

2. AORTIC VALVE STUDY

(a) Aortic root : 3.3 cms (b) Aortic Opening : 1.8 cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid

3. PULMONARY VALVE STUDY

(a) EF Slope : reduced (b) A Wave : ABSENT (c) MSN : -
(D) Thickness : (e) Others :

4. TRICUSPID VALVE : Normal

5. SEPTAL AORTIC CONTINUITY

Left Atrium : 4.9 Cms
Right Atrium : Normal

6. AORTIC MITRAL CONTINUITY

Clot : - Others :
Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D) cms

RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cms (s) 1.3cm

Motion : Normal

LVPW (D)1.3 cm (s)1.2cm

Motion : Normal

LVID (D) 4.1cm (s) 2.8 cm

Ejection Fraction : 58 %

Fractional Shortening : 32 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV,RV DIMENSIONS

FAIR LV CONTRACTILITY

**MV – THICKENED, DIASTOLIC DOMING +
AOV- NORMAL**

Short axis view

**TV – NORMAL
PV – NORMAL**

Aortic valve level

NO CLOT VEGETATION

Mitral valve level :

Papillary Muscle Level

NO PERICARDIAL EFFUSION



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (M/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	2.1	Spectral Broadening	2	Mx=17 Mean= 06	1.6
AORTIC	1.3	-	-	-	-
TRICUSPID	0.5	-	2	-	-
PULMONARY	0.7	-	-	-	-

OTHER HAEMODYNAMIC DATA

TR peak vel = 3.4m/sec ; RV-RA PSG = 46mmHg ; Expected PASP =56 mmHg

COLOUR DOPPLER

GR II/IV MR
GR II/IV TR

CONCLUSIONS :

NORMAL LV,RV DIMENSIONS

FAIR LV CONTRACTILITY

LVEF = 58 %

MODERATE NON CALCIFIC MITRAL STENOSIS (MVA= 1.6 cm²)

MODERATE MR

PAH

MODERATE TR

NO PERICARDIAL EFFUSION

NO CLOT VEGETATION

ATRIAL FIBRILLATION

IMPRESSION : RHD: MODERATE NON CALCIFIC MITRAL STENOSIS ,
MODERATE MR , PAH, MODERATE TR WITH AF

DR. PANKAJ RASTOGI, MD, DM



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ULTRASOUND STUDY OF WHOLE ABDOMEN

Compromised scan due to gaseous abdomen & patient fatty body habitus.

- **Liver** is mildly enlarged in size measures 157 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 few small calculi in lumen, size upto 6 mm with sludge. No 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.
- **Right kidney** is normal in size and position. **Renal parenchymal echogenicity is increased (grade I / II) with partially maintained cortico-medullary differentiation.** No hydronephrosis is seen. No calculus or mass lesion is seen. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 86 x 45 mm in size.
- **Left kidney** is normal in size and position. **Renal parenchymal echogenicity is increased (grade III) with loss of cortico-medullary differentiation.** No hydronephrosis is seen. No calculus or mass lesion is seen. Parenchymal thickness is normal. No scarring is seen. Left kidney measures 80 x 34 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.
- **Uterus & ovaries** are atrophic (post menopausal).
- No adnexal mass lesion is seen.
- No free fluid is seen in Cul-de-Sac.

OPINION:

- **Mild hepatomegaly with fatty infiltration of liver grade-I.**
- **Cholelithiasis with GB sludge.**
- **Bilateral medical renal disease (Left >> Right).**

Clinical correlation is necessary.

(DR. R.K. SINGH, MD)

Transcribed by Rachna



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SKIAGRAM CHEST PA VIEW

- Broncho vascular markings are prominent in bilateral parahilar region.
- Bilateral hilar shadows are prominent.
- Cardiomegaly is present.
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.
- Both domes of diaphragm are sharply defined.

Clinical correlation and Cardiac evaluation is needed.

[DR. RAJESH KUMAR SHARMA, MD]

Transcribed by R R...

*** End Of Report ***

CHARAK

