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|----------------|-----------------------|---------------------|-----------------------|
| Patient Name | : Ms.NASREEN | Visit No | : CHA250042990 |
| Age/Gender | : 24 Y/F | Registration ON | : 10/Mar/2025 12:44PM |
| Lab No | : 10140285 | Sample Collected ON | : 10/Mar/2025 12:44PM |
| Referred By | : Dr.LUCKNOW HOSPITAL | Sample Received ON | : |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 10/Mar/2025 04:17PM |

ECG -REPORT

RATE : 100 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: SINUS TACHYCARDIA

(FINDING TO BE CORRELATED CLINICALLY)

[DR. RAJIV RASTOGI, MD, DM]



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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 : 1.9 cm.
(d) EF : 143 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 : 1.8cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid, Normal

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 : 2.7cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.5 cm

Motion : normal

LVPW (D) 0.8cm (s) 1.2 cm

Motion : Normal

LVID (D) 5.1 cm (s) 3.2 cm

Ejection Fraction :65%

Fractional Shortening : 36 %

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 = 0.9 a = 0.6 | Normal | - | - | - |
| AORTIC | 1.3 | Normal | - | - | - |
| TRICUSPID | 0.5 | 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 = 65 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM



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ULTRASOUND STUDY OF WHOLE ABDOMEN + TVS

- **Liver** is **moderately enlarged in size measures 178 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 **mildly enlarged in size measures 149 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. 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 95 x 38 mm in size. Left kidney measures 102 x 41 mm in size.
- **Ureters** Both ureters are not dilated.
- **Urinary bladder** is **minimally distended. Patient is unable to hold urine further. Needs to be review with full bladder if clinically indicated.**
- **Uterus** is normal in size, measures 62 x 29 mm and shows homogenous myometrial echotexture. Endometrial thickness measures 7.9 mm. No endometrial collection is seen. No mass lesion is seen.
- **Cervix** is normal in size (measures 21 x 19 mm) & shows homogenous echotexture.
- **Both ovaries** are normal in size and echotexture. Right ovary measures 17 x 25 x 28 mm vol. 6.4 cc. Left ovary measures 21 x 24 x 27 mm vol. 7.4 cc.
- No adnexal mass lesion is seen.
- No free fluid is seen in Cul-de-Sac.

OPINION:

- **MODERATE HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE I.**
- **MILD SPLENOMEGALY.**

Clinical correlation is necessary.

**DR. NISMA WAHEED
MD, RADIODIAGNOSIS**

(Transcribed by Rachna)



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SKIAGRAM CHEST PA VIEW

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

IMPRESSION:

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

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

transcribed by: anup

CHARAK

*** End Of Report ***

