

Patient Name : Ms. NEERU AGARWAL Visit No : CHA250044956
Age/Gender : 57 Y/F Registration ON : 13/Mar/2025 07:00AM
Lab No : 10142251 Sample Collected ON : 13/Mar/2025 07:00AM
Referred By : Dr. DEEPAK DEEWAN Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 13/Mar/2025 09:53AM

ECG -REPORT

RATE : 106 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. PANKAJ 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 : 1.8cm.
(d) EF : 63 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 : 1.7cms (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 : 3.6 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) 1.4cm

Motion : normal

LVPW (D) 1.1cm (s) 2.1 cm

Motion : Normal

LVID (D) 5.0 cm (s) 2.9 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 = 0.6 a = 0.8	a > e	-	-	-
AORTIC	1.4	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
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

CHARAK

DR. PANKAJ RASTOGI MD.DM



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ULTRASOUND STUDY OF WHOLE ABDOMEN

Excessive gaseous abdomen

- **Liver** is moderate enlarged in size (~180mm) 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 not visualized (post operative).
- **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. Mild hydronephrosis is seen. Few calculi are seen at upper & mid poles measuring upto approx 8.9mm, 7.9mm & 4.4mm. A loculated hypoechoic cystic pocket of collection of size approx 80 x 71 x 39mm with volume 118cc with few echoes seen in right perinephric region near renal pelvis. *Cortico-medullary differentiation is just maintained.* Parenchymal thickness is normal. No scarring is seen. Right kidney measures 108 x 48 mm in size.
- **Left kidney** is normal in size and position. No hydronephrosis is seen. Few (2 in no.) calculi are seen at mid pole measuring approx 10.2mm & 6mm adjacently. No mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Left kidney measures 90 x 42 mm in size.
- **Ureters** *Right proximal ureter is mildly dilated. Mid/distal ureter could not be traced out due to excessive gaseous abdomen.* Left ureter is 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** is not visualized (post operative).
- No adnexal mass lesion is seen.

OPINION:

- MODERATE HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE-II.
- BILATERAL RENAL CALCULI WITH MILD RIGHT HYDROURETERONEPHROSIS - CAUSE ? MID / DISTAL URETERIC CALCULI (ADV: NCCT KUB FOR URETERIC CALCULUS / BETTER EVALUATION).
- LOCULATED HYPOECHOIC CYSTIC POCKET OF COLLECTION WITH FEW ECHOES IN RIGHT PERINEPHRIC REGION.

ADV: FURTHER EVALUATION

Clinical correlation is necessary.

[DR. R. K. SINGH, MD]

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SKIAGRAM CHEST PA VIEW

- Linear opacity is seen in right lower zone - atelectasis.
- Borderline 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 Gausiya

*** End Of Report ***

CHARAK

