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292/05, Tulsidas Marg, Basement Chowk, Lucknow-226 003 Phone: 0522-4062223, 9305548277, 8400888844 9415577933, 9336154100, Tollfree No.: 8688360360 E-mail: charak1984@gmail.com

CMO Reg. No. RMEE 2445133 NABL Reg. No. MC-2491 Certificate No. MIS-2023-0218

| Patient Name | : Mr.RAM JI | Visit No | : CHA250033879 |
|----------------|----------------------|---------------------|-----------------------|
| Age/Gender | : 45 Y/M | Registration ON | : 25/Feb/2025 11:31AM |
| Lab No | : 10131175 | Sample Collected ON | : 25/Feb/2025 11:31AM |
| Referred By | : Dr.HABEEBUR RAHMAN | Sample Received ON | : |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 25/Feb/2025 12:19PM |

| 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 :58 mm/sec | (e) EPSS : 06 mm | (f) Vegetation : - | | |
| (g) Calcium : - | | | | |
| Posterior mitral leaflet : Nor | mal | | | |
| (a). Motion : Normal | (b) Calcium: - | (c) Vegetation : - | | |
| Valve Score : Mobil Calcium 2. AORTIC VALVE STUDY | /4 T <mark>otal /16</mark> | 7A /4 | | |
| (a) Aortic root :2.7cms(d) Calcium : - | (b) Aortic Opening :1.6cms (e) Eccentricity Index : 1 | (c) Closure: Central (f) Vegetation : - | | |
| (g) Valve Structure : Tricuspid,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 : 2.7 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) 1.5 cm

LVPW (D) 1.1cm (s) 1.5cm

LVID (D) 4.0 cm (s) 2.0 cm

Motion : normal

Motion : Normal

Ejection Fraction :81%

Fractional Shortening : 42 %

Parasternal Long axis view :

TOMOGRAPHIC VIEWS

NORMAL LV RV DIMENSION GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL **PV - NORMAL** TV - NORMAL

MV - NORMAL

NO RWMA

No LV CLOT

Mitral valve level :

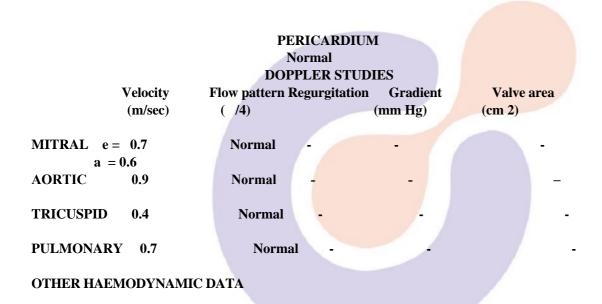
Papillary Muscle Level :

Apical 4 chamber View :



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COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

11 19

N III

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 81 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. PANKAJ RASTOGI MD.DM





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ULTRASOUND STUDY OF WHOLE ABDOMEN

- <u>Liver</u> is mildly enlarged in size (~176mm) 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.
- <u>Gall bladder</u> is normal in size and **shows mild sludge in lumen**. No calculus / mass lesion is seen. GB walls are not thickened.
- <u>CBD</u> is normal at porta. No obstructive lesion is seen.
- **<u>Portal vein</u>** Portal vein is normal at porta.
- <u>Pancreas</u> is normal in size and shows homogenous echotexture of parenchyma. PD is not dilated. No parenchymal calcification is seen. No peripancreatic collection is seen.
- <u>Spleen</u> is normal in size and shows homogenous echotexture of parenchyma. No SOL is seen.
- No retroperitoneal adenopathy is seen.
- No ascites is seen.
- <u>Right kidney</u> is 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 104 x 47 mm in size.
- <u>Left kidney</u> is mildly bulky in size and normal in position with altered focal cortical echogenicity with minimal perinephric fluid in lower polar region with mild perinephric fat stranding is seen pylonephritis changes. 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. Left kidney measures 124 x 57 mm in size.
- **<u>Ureters</u>** Both ureters are not dilated. UVJ are seen normally.
- <u>Urinary bladder</u> is normal in contour with show multiple floating & settle debris seen in lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- Bilateral seminal vesicles are seen normally.
- **<u>Prostate</u>** is normal in size and shows homogenous echotexture of parenchyma. No mass lesion is seen.

OPINION:

- MILD HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE-I.
- MILD GB SLUDGE.
- MILDLY BULKY LEFT KIDNEY WITH ALTERED FOCAL CORTICAL ECHOGENICITY WITH MINIMAL PERINEPHRIC FLUID IN LOWER POLAR REGION WITH MILD PERINEPHRIC FAT STRANDING PYLONEPHRITIS CHANGES.....Adv: further evaluation
- MULTIPLE FLOATING & SETTLE DEBRIS SEEN IN UB LUMEN ? CYSTITIS (ADV: URINE R/M).

Clinical correlation is necessary.

Transcribed by Gausiya

[DR. R. K. SINGH, MD]





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SKIAGRAM CHEST PA VIEW

- Both lung fields are clear.
- Bilateral hilar shadows are prominent.
- 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.

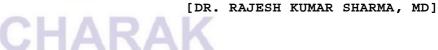
IMPRESSION:

PR.

• NO ACTIVE LUNG PARENCHYMAL LESION IS DISCERNIBLE.

Clinical correlation is necessary.

TRANSCRIBED BY: ANUP



*** End Of Report ***

