

## ECHOCARDIOGRAPHY REPORT

NAME	Manohar Lal	AGE/SEX	42 /M	DATE	24/07/21
REF					

**Investigation Performed:**

Echocardiography (ECHO) and Doppler test.

**Technique:**

2-D, M-mode Echocardiography and Doppler examinations were performed on a GE Vivid T8 Echo-doppler system.

**Image quality :**Satisfactory

**M-Mode Measurements**

Parameter	Measurement	Units
Aorta	3.4	Cm
Left Atrium	3.2	Cm
RVID	2.0	Cm
IVS (d)	1.1	Cm
LVID(d)	4.0	Cm
LVID(s)	2.6	Cm
LVPW(d)	1.1	Cm
Ejection fraction	65	%

**Cardiac Chambers**

Right Atrium	Normal	Right Ventricle	Normal
Left Atrium	Normal	Left Ventricle	Normal

**RV**

Normal Contractility .Normal Free Wall Motion. TAPSE >16 mm

**Tricuspid Valve:**

Normal tricuspid valve opening. Normal tricuspid valve motion.

No TR

**PA and Pulmonary Valve:**

Peak Velocity MPA = 1.18 M/sec.

**Mitral Valve:**

Normal Mitral valve morphology. Normal mitral valve opening. Normal mitral valve motion.

LV inflow Doppler shows E'- wave velocity >A'-wave velocity.

No mitral regurgitation seen on colour Doppler.

No MVP. No SAM of MV

**LV:**

EF = 65%

No Regional wall motion abnormality detected

**Aortic Valve:**

Normal, trileaflet.

Peak Velocity at the Ao valve = 1.08 M/sec.

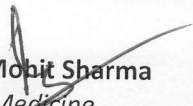
No AR seen on colour doppler.

No pericardial effusion is seen.

No LA/LV clot.

**Conclusion**

Normal echo Doppler of the heart

  
Dr. Mohit Sharma

MD Medicine

Advanced Skills training in

Echo Applications & Technology

It is advised that this report is best evaluated by the referring physician  
or a designated cardiologist or cardiac surgeon.

**PAN HEALTH**  
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<b>PATIENT NAME :</b> Mr. MANOHAR LAL	<b>AGE :</b> 42 YRS / MALE
<b>REFERRED BY :</b> PAN HEALTH LAB	<b>VISIT DATE :</b> 24-JULY-2021
<b>VISIT NO. :</b> 01	

**CLINICAL PROFILE: MEDICAL CHECK-UP.**

## **USG WHOLE ABDOMEN**

### **IMPRESSION**

- **MILD HEPATOMEGALY (Liver Span 17.8 cm) with diffuse fatty changes are noted in the both lobes of liver (GRADE-II).**

**Advice: LFT and Lipid profile Evaluation.**

- **A well defined HYPERECHOIC SHADOW is noted in GB LUMEN (measuring approx. 1.8 cm in size) with posterior acoustic shadowing. ECHOGENIC BILE with SLUDGE is noted in the GB Lumen S/O CHOLELITHIASIS with no evidence of CHOLECYSTITIS.**
- **FEW HYPERECHOIC FOCI with COMETTAI ARTIFACT are noted along GB WALLS. SUGGESTIVE OF ADENOMYOMATOSIS OF GB.**
- **Normal size & echotexture of bilateral kidneys.**
- **No evidence of significant renal calculus noted in bilateral kidneys.**

*Please correlate clinically and with findings of other relevant investigations.*

### **OBSERVATIONS ARE AS BELOW**

**LIVER:** is enlarged in size (17.8 cm), shape & outline and homogeneous echotexture. Diffuse fatty changes are noted in the both lobes of liver. Intrahepatic & extrahepatic biliary radicals are not dilated. Hepatic veins are normal.



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**PORTA:** Portal vein is normal in caliber. No periportal collaterals noted. CBD is normal in course and calibre in traceable portion.

**GALL BLADDER:** is partially distended and a well defined hyperechoic shadow is noted in gb lumen (measuring approx. 1.8 cm in size) with posterior acoustic shadowing. Echogenic bile with sludge is noted in the gb lumen. Few hyperechoic foci with comettail artifact are noted along gb walls.

**PANCREAS:** It is normal in size, shape, outline & echotexture. No peripancreatic collection noted.

**SPLEEN:** It is normal in size & echotexture. No focal lesion noted. Splenic vein calibre at the hilum is within normal limits. No collaterals observed at the splenic hilum.

**RETROPERITONEUM:** No e/o significant lymphadenopathy noted. Aorta & IVC appears normal.

**RIGHT KIDNEY:** is normal in size and measures 10.8 x 5.0 cm, shape and echotexture. Cortical echogenicity is normal. Cortico-medullary differentiation is maintained. No pelvicalyceal system dilatation noted. No calculus noted.

**LEFT KIDNEY:** is normal in size and measures 11.0 x 5.8 cm, shape and echotexture. Cortical echogenicity is normal. Cortico-medullary differentiation is maintained. No pelvicalyceal system dilatation noted. No calculus noted.

**URINARY BLADDER:** is well distended. Wall thickness is normal. No calculi /debris noted. No fluid/fluid level noted.

**PROSTATE:** is normal in size, shape, outline and echotexture. It is well confined in it's capsule. No e/o capsular breach. Periprostatic region is normal.

**SEMINAL VESICLES:** Both side seminal vesicles are normal / symmetrical with no evidence of enlargement/inhomogeneity.

No free fluid or obvious abnormality in visualized bowel loops. Gut loops show normal peristalsis.

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**X-RAY CHEST (PA View)**

**OBSERVATIONS**

Both lungs appear clear with no obvious parenchymal lesions.  
Bilateral hila appear unremarkable.  
CP angles appear normal.  
Cardiac size is increased (CTR-0.50).  
Domes of diaphragm appear unremarkable.  
No free air seen under the domes of diaphragm.  
Bony thoracic cage & soft tissues under view appear unremarkable.

**IMPRESSION:**

- Cardiac size is increased (CTR-0.50) S/O BORDERLINE CARDIOMEGALY.

*Please correlate clinically and with findings of other relevant investigations.*

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