

## CARDIOLOGY

<b>UHID / IP NO</b>	225279 (5133)	<b>RISNo./Status :</b>	111616/
<b>Patient Name :</b>	Mr. MADHAV BHAT	<b>Age/Gender :</b>	39 Y/M
<b>Referred By :</b>	Dr. CMO	<b>Ward/Bed No :</b>	OPD
<b>Bill Date/No :</b>	27/01/2024 8:18AM/ OPCR/24/7112	<b>Scan Date :</b>	
<b>Report Date :</b>	27/01/2024 9:07AM	<b>Company Name:</b>	Final

### M- MODE MEASUREMENTS

<b>AO</b>	3.00	cm	<b>RVIDD</b>	1.45	cm
<b>LA</b>	3.52	cm	<b>IVSD</b>	1.11	cm
<b>AO/LA RATIO</b>	0.78	cm	<b>LVIDD</b>	4.62	cm
<b>AV CUP</b>	1.45	cm	<b>LVPWD</b>	0.95	cm
<b>EPSS</b>		cm	<b>IVSS</b>	1.30	cm
<b>DE</b>	1.83	cm	<b>LVIDS</b>	3.05	cm
<b>EF SLOPE</b>	0.7	cm	<b>LVPWS</b>	1.33	cm
<b>SV</b>	57.41		<b>EDV</b>	98.72	ml
<b>CO</b>			<b>ESV</b>	36.34	ml
<b>HR</b>			<b>EF</b>	63.73	%
<b>LVMl</b>			<b>FS</b>	34.90	%
<b>OTHERS</b>			<b>LV MASS</b>	188.32	grams

**DESCRIPTIVE FINDINGS:**Technically Adequate Study. Normal Sinus rhythm during Study.

<b>LEFT VENTRICLE</b>	Normal in size
<b>LEFT ATRIUM</b>	Normal in size
<b>RIGHT VENTRICLE</b>	Normal in size
<b>RIGHT ATRIUM</b>	Normal in size
<b>WALL MOTION ANALYSIS</b>	No RWMA
<b>TRICUSPID VALVE</b>	Normal
<b>MITRAL VALVE</b>	Normal
<b>PULMONIC VALVE</b>	Normal
<b>AORTIC VALVE</b>	Normal
<b>IAS &amp; IVS</b>	Intact
<b>AORTA &amp; PA</b>	Normal In Size
<b>SYSTEMIC &amp; PULMONARY VENIS</b>	Normally Draining
<b>PERICARDIUM</b>	Normal
<b>OTHERS</b>	No Intra Cardiac Thrombus, Tumour or Vegetation

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### DOPPLER STUDY

<b>VALVES</b>	<b>VELOCITY</b>	<b>GRADIENT</b>	<b>REGURGITATION</b>	<b>OTHERS</b>
<b>P V</b>	0.71m/s		NO PR	
<b>MV</b>	E: 1.16m/s A: 0.78m/s		NO MR	
<b>AV</b>	1.36m/s		NO AR	
<b>TV</b>	E: 0.60m/s A: 0.40m/s		TRIVIAL TR	
<b>OTHERS</b>				

### SUMMARY FINDINGS:

NORMAL CARDIAC CHAMBERS & VOLUMES

NO REGIONAL WALL MOTION ABNORMALITY AT REST

NORMAL LV SYSTOLIC FUNCTION (EF-63 %)

NO CLOT / PE / VEGETATION / PAH

**Dr. PRANEETHS**  
CONSULTANT  
CARDIOLOGIST

**Mr. Naveen Kumar M K**

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<b>Age/Gender</b>	39 Yrs/Male	<b>Receiving Date</b>	27/01/2024 9:03AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	27/01/2024 3:28PM
<b>Referred By</b>	Dr. CMO	<b>Report Status</b>	Final
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## BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
			<b>Sample: Serum</b>	
BLOOD UREA NITROGEN	8.7	mg/dl	Upto 14 years : 5 - 18 mg/dl Male (above 14 years): 8 - 24 mg/dl Female (above 14 years): 6 - 21 mg/dl Pregnant women : 5 - 12 mg/dl	
SERUM CREATININE	1.01	mg/dl	0.60 - 1.40	
FASTING BLOOD SUGAR	91.4	mg/dl	74.00 - 100.00	
<b>GLYCOSYLATED HAEMOGLOBIN (HbA1c)</b>				
HbA1c (GLYCOSYLATED Hb)	5.4	%	4.00 - 6.00	Immunoturbidimetric
MEAN BLOOD GLUCOSE	108.28	mg/dl	70.00 - 140.00	
<b>LIPID PROFILE</b>				
TOTAL CHOLESTEROL	165	mg/dl	0.00 - 200.00	
TRIGLYCERIDES	145.0	mg/dl	0.00 - 200.00	
HDL CHOLESTEROL - DIRECT	42.1	mg/dl	35.00 - 55.00	
LDL CHOLESTROL - CALCULATED	93.9	mg/dl	0 - 130	
TC/HDL	3.92			
LDL/HDL	2.23			
			<b>Sample: Serum</b>	

## LIVER FUNCTION TEST (LFT)

**Verified By**  
Shashi Kumar G

**BADARINATH S**  
MD (PGI) KMC No 19014  
HEMATOPATHOLOGIST / PATHOLOGIST

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TOTAL BILIRUBIN 0.48 mg/dl Adult - 0.2 - 1.3 mg/ dL

**Special condition:**

Premature - <2.0 mg/  
dL  
Full term - <2.0 mg/ dL  
0-1 day - Premature-  
1.0 - 8.0 mg/ dL  
0-1 day - Full term -  
2.0 - 6.0 mg/ dL  
1 - 2 days Premature -  
6.0 - 12.0 mg/ dL  
1 - 2 days Full term -  
6.0 - 10.0 mg/ dL  
3 - 5 days Premature -  
10.0 - 14.0 mg/ dL  
3 - 5 days Full term -  
4.0 - 8.0 mg/ dL

DIRECT BILIRUBIN	0.22	mg/dl	0.00 - 0.30
INDIRECT BILIRUBIN.	0.26	mg/dl	
ASPARATE AMINOTRANSFERASE (SGOT/AST)	18.3	U/L	0.00 - 40.00
ALANINE AMINOTRANSFERASE (SGPT/ALT)	17.5	U/L	0.00 - 40.00
ALKALINE PHOSPHATASE (ALP)	99	IU/L	53.00 - 128.00
TOTAL PROTEIN	7.42	g/dl	6.00 - 8.50
SERUM ALBUMIN	4.25	g/dl	3.50 - 5.20
SERUM GLOBULIN	3.17	g/dl	2.30 - 3.50
A/G RATIO	1.34	%	1.00 - 2.00
URIC ACID	7.1	mg/dl	4.50 - 8.10

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**Verified By**

Shashi Kumar G

**BADARINATH S**

**MD (PGI) KMC No 19014**

**HEMATOPATHOLOGIST / PATHOLOGIST**

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### BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
POST PRANDIAL BLOOD GLUCOSE	136	mg/dl	70.00 - 140.00	
--End Of Report--				

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Shashi Kumar G

  
**Ravi Shankar K**  
**Bio Chemist**

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## CLINICAL PATHOLOGY

Test Name	Result	Unit	Biological Ref. Range	Method
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### STOOL ANALYSIS

#### PHYSICAL EXAMINATION

COLOUR	Brown
CONSISTANCY	SEMI SOLID
PH	7.5
MUCUS	ABSENT

#### MICROSCOPIC EXAMINATION

OVA	ABSENT
CYST	ABSENT
TROPHOZOITES	ABSENT
PUS CELLS	2-3/HPF
R.B.C	Nil
BACTERIA	PRESENT 2+
OTHERS	ABSENT
MISCELLANEOUS	ABSENT

#### URINE GLUCOSE FASTING

URINE SUGAR	NIL	NEGATIVE
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**Sample: Urine**

#### PHYSICAL CHARACTERS

COLOUR	Pale Yellow	
APPEARANCE	Clear	Clear
SPECIFIC GRAVITY	1.025	
PH	6.0	

#### CHEMICAL CONSTITUENTS

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Shashi Kumar G

**BADARINATH S**  
MD (PGI) KMC No 19014  
HEMATOPATHOLOGIST / PATHOLOGIST

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ALBUMIN	Nil
SUGAR	Nil
BILE SALTS	Absent
BILE PIGMENTS	Absent
KETONE BODIES	NEGATIVE
BLOOD	Absent

### MICROSCOPY

PUS CELLS	2-3/HPF
R.B.C	Nil
EPITHELIAL CELLS	0-1 / HPF
CASTS	Absent
CRYSTALS	Absent
BACTERIA	Absent

### URINE GLUCOSE-POST PRANDIAL

URINE SUGAR	NIL	NEGATIVE
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## HAEMATOTOLOGY

Test Name	Result	Unit	Biological Ref. Range	Method
BLOOD GROUP	"O"			
RH TYPE	POSITIVE			
			<b>Sample: Blood</b>	
HAEMOGLOBIN	<b>13.4 L</b>	gm/dl	14.00 - 18.00	
TOTAL COUNT	6950	cells/cumm	4500.00 - 11000.00	
<b>DLC</b>				
NEUTROPHILS	59	%	35.00 - 66.00	
LYMPHOCYTES	34	%	24.00 - 44.00	
MONOCYTES	04	%	4.00 - 10.00	
EOSINOPHILS	03	%	1.00 - 6.00	
BASOPHILS	00	%	0.00 - 1.00	
R.B.C COUNT	4.67	mill/cumm	4.50 - 5.90	
PACKED CELL VOLUME (PCV)	<b>38.2 L</b>	%	40.00 - 50.00	
PLATELET COUNT	3.31	lakh/cumm	1.50 - 4.50	
M.C.V	81.7	fL	80.00 - 100.00	
M.C.H	28.7	pg	26.00 - 34.00	
M.C.H.C	35.2	%	32.00 - 36.00	
ESR (ERYTHROCYTE SEDIMENTATION RATE)	<b>18 H</b>	mm/hr	0.00 - 12.00	

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Shashi Kumar G

  
**BADARINATH S**  
MD (PGI) KMC No 19014  
HEMATOPATHOLOGIST / PATHOLOGIST

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Page: 6 Of 9

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## HORMONES

Test Name	Result	Unit	Biological Ref. Range	Method
<b>THYROID PROFILE (T3, T4, TSH)</b>				
TOTAL TRIIODOTHYRONINE (T3)	1.75	ng/mL	0.59 - 2.15	
TOTAL THYROXINE (T4)	104	ng/mL	52.00 - 127.00	
TSH (THYROID STIMULATING HORMONE)	1.67	uIU/ml	0.30 - 4.50	

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Shashi Kumar G

  
**BADARINATH S**  
MD (PGI) KMC No 19014  
HEMATOPATHOLOGIST / PATHOLOGIST

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Page: 7 Of 9

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	27/01/2024 10:45AM
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## USG

### ABDOMEN & PELVIS (USG)

**LIVER:** Liver is 14 cm in size, both lobes of liver are normal in size with homogeneous echotexture. No evidence of any focal lesion / intrahepatic biliary dilatation noted. CBD and Portal vein normal in size and echotexture.

**GALL BLADDER:** Well distended, gall bladder wall thickness is normal. Contents are clear. No evidence of gall stones / cholecystitis.

**PANCREAS:** Only head is visualized and appears normal. Rest of the pancreas obscured by bowel gas.

**SPLEEN:** Normal in size measuring 10.4 cms with normal echotexture.

**KIDNEYS:** Both kidneys are normal in size, shape, contour & position. Cortico medullary differentiation is well maintained. No evidence of any hydronephrosis / hydroureter. Right Kidney measures : 10.0 x 4.6 cms. Parenchymal thickness 1.8 cms. Left Kidney measures : 10.5 x 5.4 cms. Parenchymal thickness 1.7 cms.

**URINARY BLADDER:** Well distended with clear contents. Wall thickness is normal.

**PROSTATE:** Normal in size and echotexture. Vol: 17 cc. No focal lesion seen. Both seminal vesicles appear normal.

No obvious free fluid in the peritoneal cavity.

**IMPRESSION: NO SONOLOGICAL ABNORMALITY DETECTED.**

**\*\* Note: All abnormalities cannot be detected by Ultrasound scan due to technical limitation, obesity and other factors. Scan findings to be correlated with old reports or other investigations.**

--End Of Report--

**Verified By**  
Shashi Kumar G

**Dr. B SWAROOP**  
**MBBS MD(Radiology)**  
**CONSULTANT RADIOLOGIST**

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Page: 8 Of 9

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## X-RAY

### CHEST PA VIEW (X RAY)

#### FINDINGS:

The lungs on the either side show equal translucency.

Cardiac size and ventricular configuration are normal.

Both hilar region appear normal.

Both C P angles appear clear.

Both domes of diaphragm appear normal.

Bony cage and soft tissue appear normal.

**IMPRESSION: ESSENTIALLY NORMAL STUDY.**

--End Of Report--

**Verified By**  
Shashi Kumar G

**Dr. B SWAROOP**  
**MBBS MD(Radiology)**  
**CONSULTANT RADIOLOGIST**