

## CARDIOLOGY

<b>UHID / IP NO</b>	208287 (69476)	<b>RISNo./Status :</b>	106048/
<b>Patient Name :</b>	Mrs. SARASWATHI	<b>Age/Gender :</b>	53 Y/F
<b>Referred By :</b>	Dr. SRIDHAR SRINIVASAN G	<b>Ward/Bed No :</b>	OPD
<b>Bill Date/No :</b>	23/12/2023 9:21AM/ OPCR/24/6326	<b>Scan Date :</b>	
<b>Report Date :</b>	23/12/2023 10:40AM	<b>Company Name:</b>	Final

### **M- MODE MEASUREMENTS**

<b>AO</b>	2.48	cm	<b>RVIDD</b>	1.20	cm
<b>LA</b>	3.19	cm	<b>IVSD</b>	0.95	cm
<b>AO/LA RATIO</b>	0.75	cm	<b>LVIDD</b>	3.62	cm
<b>AV CUP</b>	1.46	cm	<b>LVPWD</b>	1.07	cm
<b>EPSS</b>	0.9	cm	<b>IVSS</b>	1.14	cm
<b>DE</b>	1.83	cm	<b>LVIDS</b>	2.36	cm
<b>EF SLOPE</b>	0.7	cm	<b>LVPWS</b>	1.11	cm
<b>SV</b>	57.41		<b>EDV</b>	55.72	ml
<b>CO</b>			<b>ESV</b>	19.34	ml
<b>HR</b>			<b>EF</b>	65.73	%
<b>LVTMI</b>			<b>FS</b>	35.90	%
<b>OTHERS</b>			<b>LV MASS</b>	178.32	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: 0.86m/s A: 0.65m/s		NO MR	
<b>AV</b>	1.59m/s		NO AR	
<b>TV</b>	E: 0.60m/s A: 0.40m/s		TRIVIAL TR	
<b>OTHERS</b>				

### SUMMARY FINDINGS:

NORMAL CARDIAC CHAMBERS

NO REGIONAL WALL MOTION ABNORMALITY AT REST

PRESERVED LV SYSTOLIC FUNCTION (EF-65%)

NORMAL LV DIASTOLIC FUNCTION

NO CLOT / EFFUSION / VEGETATION/PAH

**Dr. PRANEETHS**  
CONSULTANT  
CARDIOLOGIST

**Mr. Deva Sagayam C**

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## BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
BLOOD UREA NITROGEN	12.4	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	0.71	mg/dl	0.60 - 1.40	
FASTING BLOOD SUGAR	<b>151.9 H</b>	mg/dl	74.00 - 100.00	
<b>GLYCOSYLATED HAEMOGLOBIN (HbA1c)</b>				
HbA1c (GLYCOSYLATED Hb)	<b>6.5 H</b>	%	4.00 - 6.00	Immunoturbidimetric
MEAN BLOOD GLUCOSE	139.85	mg/dl	70.00 - 140.00	
<b>LIPID PROFILE</b>				
TOTAL CHOLESTEROL	<b>337 H</b>	mg/dl	0.00 - 200.00	
TRIGLYCERIDES	<b>768.0 H</b>	mg/dl	0.00 - 200.00	
HDL CHOLESTEROL - DIRECT	<b>85.4 H</b>	mg/dl	35.00 - 55.00	
LDL CHOLESTROL - CALCULATED	98	mg/dl	0 - 130	
TC/HDL	3.95			
LDL/HDL	1.15			

Sample: Serum

## LIVER FUNCTION TEST (LFT)

Verified By  
Shashi Kumar G

*Ravi Shankar*

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

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TOTAL BILIRUBIN 0.28 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	0.16	mg/dl	0.00 - 0.30
INDIRECT BILIRUBIN.	0.12	mg/dl	
ASPARATE AMINOTRANSFERASE (SGOT/AST)	7.5	U/L	0.00 - 40.00
ALANINE AMINOTRANSFERASE (SGPT/ALT)	14.2	U/L	0.00 - 40.00
ALKALINE PHOSPHATASE (ALP)	91	IU/L	42.00 - 98.00
TOTAL PROTEIN	7.60	g/dl	6.00 - 8.50
SERUM ALBUMIN	4.02	g/dl	3.50 - 5.20
SERUM GLOBULIN	<b>3.58 H</b>	g/dl	2.30 - 3.50
A/G RATIO	1.12	%	1.00 - 2.00
URIC ACID	<b>8.2 H</b>	mg/dl	3.20 - 6.40

--End Of Report--

**Verified By**  
Shashi Kumar G

*Ravi Shankar*

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

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## BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
POST PRANDIAL BLOOD GLUCOSE	<b>245 H</b>	mg/dl	70.00 - 140.00	

--End Of Report--

**Verified By**  
Shashi Kumar G

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

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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	7.0
MUCUS	ABSENT

#### MICROSCOPIC EXAMINATION

OVA	NOT SEEN
CYST	NOT SEEN
TROPHOZOITES	NOT SEEN
PUS CELLS	3-4/HPF
R.B.C	Nil
BACTERIA	PRESENT 3+
OTHERS	NOT SEEN
MISCELLANEOUS	NOT SEEN

#### UIRNE GLUCOSE FASTING

URINE SUGAR	NIL	NEGATIVE
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**Sample: Urine**

#### PHYSICAL CHARACTERS

COLOUR	Pale Yellow	
APPEARANCE	Clear	Clear
SPECIFIC GRAVITY	1.020	
PH	5.0	

#### CHEMICAL CONSTITUENTS

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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	1-2 /HPF
CASTS	Nil
CRYSTALS	Nil
BACTERIA	Absent

--End Of Report--

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## HAEMATOTOLOGY

Test Name	Result	Unit	Biological Ref. Range	Method
BLOOD GROUP	A			
RH TYPE	POSITIVE			
			<b>Sample: Blood</b>	
HAEMOGLOBIN	13.2	gm/dl	12.00 - 16.00	
TOTAL COUNT	7530	cells/cumm	4500.00 - 11000.00	
<b>DLC</b>				
NEUTROPHILS	52	%	35.00 - 66.00	
LYMPHOCYTES	40	%	24.00 - 44.00	
MONOCYTES	06	%	4.00 - 10.00	
EOSINOPHILS	02	%	1.00 - 6.00	
BASOPHILS	00	%	0.00 - 1.00	
R.B.C COUNT	4.62	mill/cumm	4.00 - 5.20	
PACKED CELL VOLUME (PCV)	39.4	%	36.00 - 46.00	
PLATELET COUNT	2.90	lakh/cumm	1.50 - 4.50	
M.C.V	85.3	fL	80.00 - 100.00	
M.C.H	28.6	pg	26.00 - 34.00	
M.C.H.C	33.5	%	32.00 - 36.00	
ESR (ERYTHROCYTE SEDIMENTATION RATE)	<b>46 H</b>	mm/hr	0.00 - 19.00	

--End Of Report--

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Page: 6 Of 10

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	23/12/2023 11:25AM
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## USG

### ABDOMEN & PELVIS (USG)

**LIVER:** Liver is 15 cm in size, both lobes of liver are normal in size with **increased 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:** Head and body appears normal. Uncinate process and tail could not be assessed due to bowel gas. MPD is normal.

**SPLEEN:** Normal in size measuring 8.8 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 : 9.9 x 3.8 cms. Parenchymal thickness 1.6 cms.  
Left Kidney measures : 10.0 x 3.6 cms. Parenchymal thickness 1.8 cms.

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

**UTERUS:** Normal in size and echotexture, measuring 6.5 x 3.4 x 4.7 cms. Myometrial echoes appear normal. Endometrium appears normal, measures 3.4 mm.

**OVARIES:** Both ovaries are normal in size and echotexture.  
Right ovary: 2.0 x 1.5 cms. Left ovary: 1.8 x 1.2 cms.

No obvious free fluid in the peritoneal cavity / pleural collection.

Defect measuring 10 mm is seen in the umbilical region with omentum as content.

### Verified By

Shashi Kumar G



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### **IMPRESSION:**

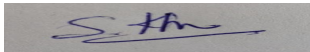
> *Fatty liver.*

> *Umbilical hernia.*

**\*\* 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. KIRUTHIKA SELVARAJ**  
**MBBS, DMRD**  
**CONSULTANT RADIOLOGIST**

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	23/12/2023 5:44PM
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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**

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## X-RAY

### MAMMOGRAPHY (BOTH) (X RAY)

CLASS: B

Bilateral CC and MLO Views done.

#### RIGHT BREAST:

Predominant glandular dense tissues noted.

No obvious focal lesions / architectural distortion /Micro calcification noted.

Nipple areolar complex appears normal.

Benign appearing axillary nodes are seen.

Usg screening shows a simple cyst measuring 3 x 2 mm in subareolar region in 3 o'clock position.

**IMPRESSION: Benign findings, BIRADS-II.**

#### LEFT BREAST:

Predominant glandular dense tissues noted.

No obvious focal lesions / architectural distortion /Micro calcification noted.

Nipple areolar complex appears normal.

Benign appearing axillary nodes are seen.

**IMPRESSION: Benign findings, BIRADS II.**

--End Of Report--

**Verified By**  
Shashi Kumar G

**Dr. KIRUTHIKA SELVARAJ**  
**MBBS, DMRD**  
**CONSULTANT RADIOLOGIST**

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Page: 10 Of 10

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