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Government of India



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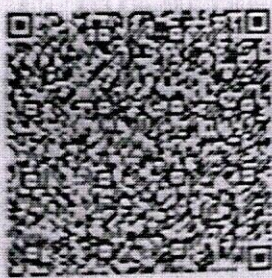
Sowbhagya

ಹುಟ್ಟಿದ ವರ್ಷ / Year of Birth : 1980

ಸ್ತ್ರೀ / Female

Sowbhagya.

8085 8581 5011




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(A Unit of Vijayalakshmi Diagnostics Pvt. Ltd.)

Diagnostics & Speciality Centre

NAME : Mrs. SOWBHAGYA	MR NO. : 22081217
AGE/SEX : 42 Yrs / Female	VISIT NO. : 161225
REFERRED BY :	DATE OF COLLECTION : 27-08-2022 at 08:57 AM
	DATE OF REPORT : 27-08-2022 at 12:54 PM
REF CENTER : MEDIWHEEL	

TEST PARAMETER RESULT REFERENCE RANGE SPECIMEN

MEDIWHEEL HEALTH CHECKUP FEMALE

COMPLETE BLOOD COUNT (CBC) WITH ESR

HAEMOGLOBIN <i>Colorimetric Method</i>	14.9 gm/dL	12 - 16 gm/dL
HEMATOCRIT (PCV) <i>Calculated</i>	44.5 %	36 - 47 %
RED BLOOD CELL (RBC) COUNT <i>Electrical Impedance</i>	5.0 million/cu.mm	4 - 5.2 million/cu.mm
PLATELET COUNT <i>Electrical Impedance</i>	3.2 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm
MEAN CELL VOLUME (MCV) <i>Calculated</i>	89.0 fl	80 - 100 fl
MEAN CORPUSCULAR HEMOGLOBIN (MCH) <i>Calculated</i>	29.8 pg	26 - 34 pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) <i>Calculated</i>	33.4 %	31 - 35 %
TOTAL WBC COUNT (TC) <i>Electrical Impedance</i>	5930 cells/cumm	4000 - 11000 cells/cumm
NEUTROPHILS <i>VCS Technology/Microscopic</i>	58 %	40 - 75 %
LYMPHOCYTES <i>VCS Technology/Microscopic</i>	35 %	25 - 40 %
DIFFERENTIAL COUNT		
EOSINOPHILS <i>VCS Technology/Microscopic</i>	02 %	0 - 7 %
MONOCYTES <i>VCS Technology/Microscopic</i>	05 %	1 - 8 %
BASOPHILS <i>Electrical Impedance</i>	00 %	
ESR <i>Westergren Method</i>	08 mm/hr	0 - 20 mm/hr
POST PRANDIAL BLOOD SUGAR <i>Hexokinase</i>	233.3 mg/dl	80 - 150 mg/dl



Krishna M. Murthy



A. Vamseedhara

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
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LIPID PROFILE TEST

TOTAL CHOLESTEROL
Cholesterol Oxidase-Peroxidase (CHOD-POD)

223 mg/dL

up to 200 mg/dL
Border Line: 200 – 240 mg/dL
High: > 240 mg/dL

TRIGLYCERIDES
Glycerol Peroxidase-Peroxidase (GPO-POD)

161.7 mg/dL

up to 150 mg/dL
Desirable: <150 mg/dL
Border Line: 150 – 200 mg/dL
High: >200 – 500 mg/dL
Very High: > 500 mg/dL

HDL CHOLESTEROL - DIRECT
PEG-Cholesterol Esterase

56.7 mg/dl

40 - 60 mg/dl
>= 60mg/dL - Excellent (protects against heart disease)
40-59 mg/dL - Higher the better
<40 mg/dL - Lower than desired (major risk for heart disease)

LDL CHOLESTEROL - DIRECT
Cholesterol Esterase-Cholesterol Oxidase

134.0 mg/dL

up to 100 mg/dL
100-129 mg/dL - Near optimal/above optimal
130-159 mg/dL - Borderline High
160-189 mg/dL - High
190->190 mg/dL - Very High

VLDL CHOLESTEROL
Calculation

32.3 mg/dL

2 - 30 mg/dL

TOTAL CHOLESTROL/HDL RATIO
Calculation

3.9

up to 3
3.0-4.4 - Moderate
>4.4 - High

LDL/HDL RATIO
Calculation

2.4

up to 2.5
2.5-3.3 - Moderate
>3.3 - High



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LIVER FUNCTION TEST (LFT)			
TOTAL BILIRUBIN <i>Colorimetric Diazo Method</i>	0.99 mg/dL	0.2 - 1.2 mg/dL	
DIRECT BILIRUBIN <i>Colorimetric Diazo Method</i>	0.36 mg/dL	0 - 0.4 mg/dL	
INDIRECT BILIRUBIN <i>Calculation</i>	0.63 mg/dl	0.2 - 0.8 mg/dl	
S G O T (AST) <i>IFCC Without Pyridoxal Phosphates</i>	22.6 U/L	up to 31 U/L	
S G P T (ALT) <i>IFCC Without Pyridoxal Phosphates</i>	22.8 U/L	up to 46 U/L	
ALKALINE PHOSPHATASE <i>p-Nitrophenyl Phosphate</i>	63 U/L	36 - 113 U/L	
SERUM GAMMA GLUTAMYLTRANSFERASE (GGT) <i>GCNA-IFCC</i>	24.3 U/L	5 - 55 U/L	
TOTAL PROTEIN <i>Biuret Colorimetric</i>	7.46 g/dl	6.2 - 8 g/dl	
S.ALBUMIN <i>Bromocresol Green (BCG)</i>	4.12 g/dl	3.5 - 5.2 g/dl	
S.GLOBULIN <i>Calculation</i>	3.3 g/dl	2.5 - 3.8 g/dl	
A/G RATIO <i>Calculation</i>	1.2	1 - 1.5	
BLOOD UREA <i>UREASE-GLUTAMATE DEHYDROGENASE (GLDH)</i>	15.2 mg/dL	15 - 50 mg/dL	
CREATININE <i>Jaffe Kinetic</i>	0.79 mg/dL	0.4 - 1.4 mg/dL	
URIC ACID <i>Uricase-Peroxidase</i>	4.1 mg/dL	2.5 - 6 mg/dL	
SERUM ELECTROLYTES			
SODIUM <i>Ion Selective Electrode (ISE)</i>	138 mmol/L	136 - 145 mmol/L	
POTASSIUM <i>Ion Selective Electrode (ISE)</i>	4.1 mmol/L	3.5 - 5.2 mmol/L	
CHLORIDE <i>Ion Selective Electrode (ISE)</i>	103 mmol/L	97 - 111 mmol/L	
FASTING BLOOD SUGAR <i>Hexokinase</i>	152.0 mg/dl	70 - 110 mg/dl	



Krishna.u.




A. Jeyaraj

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
THYROID PROFILE			
TOTAL TRIIODOTHYRONINE (T3) CMIA	1.30 ng/mL	0.87 - 1.78 ng/mL	
TOTAL THYROXINE (T4) CMIA	9.91 µg/dL	6.09 - 12.23 µg/dL	
THYROID STIMULATING HORMONE (TSH) CMIA	2.034 µIU/mL	0.38 - 5.33 µIU/mL	
		1st Trimester: 0.05 - 3.70	
		2nd Trimester: 0.31 - 4.35	
		3rd Trimester: 0.41 - 5.18	

Note:

- TSH levels are subject to circadian variation, reaching peak levels between 2 - 4 a.m. and at a minimum between 6-10 pm. The variation is of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
- Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

Clinical Use:

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

BLOOD GROUP & Rh TYPING
Tube Agglutination (Forward and Reverse)

"O" Positive

Krishna M.



A. H...



No. 79, Nehru Udayayara Sangha Layout, Nagarbhavi Circle, Nagarbhavi, Bengaluru-72
Dr. KRISHNA MURTHY MD, BIOCHEMIST
Dr. YAMSEEDHARA D.C.P. MD, CONSULTANT PATHOLOGIST
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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
GLYCATED HAEMOGLOBIN (HbA1C) <small>HPLC</small>	7.2 %	American Diabetic Association (ADA) recommendations: Non diabetic adults : <5.7 % At risk (Pre diabetic): 5.7 – 6.4% Diabetic : >= 6.5% Therapeutic goal for glycemc control : Goal for therapy: < 7.0% Action suggested: > 8.0%	

ESTIMATED AVERAGE GLUCOSE (eAG) 159.94 mg/dL
Calculation

Comments:

This assay is useful for diagnosing Diabetes and evaluating long term control of blood glucose concentrations in diabetic patients. It reflects the mean glucose concentration over the previous period of 8 to 12 weeks and is a better indicator of long term glycemc control as compared with blood and urine glucose measurements. This provides a additional criterion for assessing glucose control because glycated hemoglobin values are free of day-to-day glucose fluctuation and are unaffected by exercise or food ingestion.

After a sudden alteration in blood glucose concentration, the rate of change of HbA1c is rapid during initial 2 months, followed by more gradual change approaching steady state 3 months later.

Krishna Murthy




A. Vasudevan



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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
URINE ROUTINE & MICROSCOPIC			
PHYSICAL EXAMINATION			
Colour <i>Visual Method</i>	Pale Yellow	Pale yellow- yellow	
Appearance <i>Visual Method</i>	Clear	Clear/Transparent	
Specific Gravity <i>Strips Method</i>	1.015	1.005-1.035	
pH	6.0	4.6-8.5	
CHEMICAL EXAMINATION (DIPSTICK)			
Protein <i>Strips Method</i>	Nil	Nil -Trace	
Glucose <i>Strips Method</i>	Nil	Nil	
Blood <i>Strips Method</i>	Negative	Negative	
Ketone Bodies <i>Strips Method</i>	Absent	Negative	
Urobilinogen <i>Strips Method</i>	Normal	Normal	
Bile Salt <i>Strips Method</i>	Negative	Negative	
Bilirubin <i>Strips Method</i>	Negative	Negative	
Bile Pigments	Negative	NIL	
MICROSCOPY			
Pus Cells (WBC) <i>Light Microscopic</i>	3 - 4 /hpf	0-5/hpf	
Epithelial Cells <i>Light Microscopic</i>	1 - 2 /hpf	0-4/hpf	
RBC <i>Light Microscopic</i>	Not Seen /hpf	0-2/hpf	
Cast <i>Light Microscopic</i>	NIL	NIL	
Crystal <i>Light Microscopic</i>	NIL	Nil	
FASTING URINE SUGAR (FUS)	NIL	NIL	FASTING URINE
POSTPRANDIAL URINE SUGAR	0.5 %	NIL	URINE



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A. Yamseedhara



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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
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Dispatched by: Sumalatha

**** End of Report ****

Printed by: Soundarya on 27-08-2022 at 03:58 PM



Krishna M.



A. Vasudha



Dr. KRISHNA MURTHY MD, **Dr. JAMSEEDHARA** DCP, MD

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AGE:	42 YEARS	ID. NO:	192642
GENDER:	FEMALE	REFERRED BY:	MEDIWHEEL

X-RAY CHEST PA VIEW

OBSERVATIONS:

The lung fields are clear bilaterally.

CP angles are clear.

Both the hila appear normal.

Cardiac diameter is within normal limits.

Tracheal is mid line.

Visible bony thoracic cage is normal.

Adjacent soft tissues appear normal.

IMPRESSION:

- **No significant abnormality in the visualized lung fields.**



Dr. MOHAN S. MDRD
Consultant Radiologist



NAME:	Mrs. SOWBHAGYA	DATE:	27-08-2022
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GENDER:	FEMALE	REFERRED BY:	MEDIWHEEL

USG REPORT - ABDOMEN AND PELVIS

OBSERVATION:

LIVER:

Liver is mildly enlarged in size (16 cm) and shows mild diffuse increase in echotexture. No obvious focal lesion is seen. Intrahepatic biliary radicles not dilated. Hepatic & portal veins are normal. CBD is normal.

GALL BLADDER:

Normal in distension. Lumen echo free. Wall thickness is normal.

PANCREAS:

Head and body visualized and appears normal. No obvious focal lesion is seen. Pancreatic duct not dilated. Tail not visualized.

SPLEEN:

Normal in size (10.4 cm) with normal echotexture. No focal lesion is seen.

RIGHT KIDNEY:

Right kidney measures 10.8 x 1.4 cm (Length x parenchymal thickness) with normal echo pattern and cortical thickness.

The shape, size and contour of the right kidney appear normal.

Cortical medullary differentiation is maintained.

No evidence of pelvicalyceal dilatation. No sonologically detectable calculi seen.

LEFT KIDNEY:

Left kidney measures 11.7 x 1.3 cm (Length x parenchymal thickness) with normal echo pattern and cortical thickness.

The shape, size and contour of the left kidney appear normal.

Cortical medullary differentiation is maintained.

No evidence of pelvicalyceal dilatation. No sonologically detectable calculi seen.

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USG REPORT - ABDOMEN AND PELVIS

URINARY BLADDER:

Is normal in contour. No intraluminal echoes are seen. No calculus or diverticulum is seen.

UTERUS:

Anteverted, normal in size measures 7.8 x 4.6 x 6.0 cm with normal echotexture.

No focal lesion seen within the myometrium.

Endometrial thickness measures 13 mm.

OVARIES:

Both ovaries are normal in size with normal echo pattern.

Right ovary measures 2.1 x 1.8 cm.

Left ovary measures 2.8 x 1.9 cm.

No adnexal mass lesion seen.

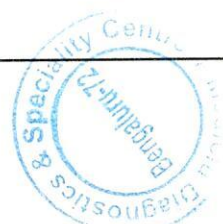
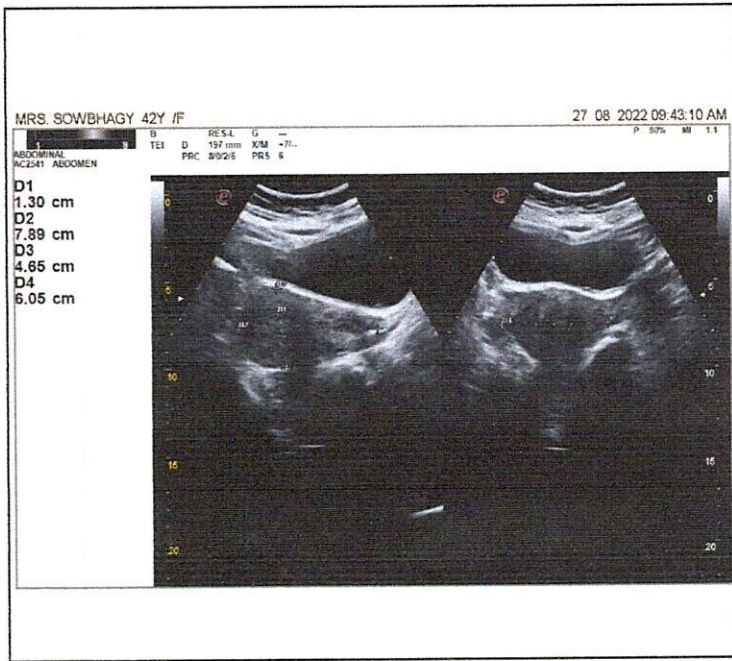
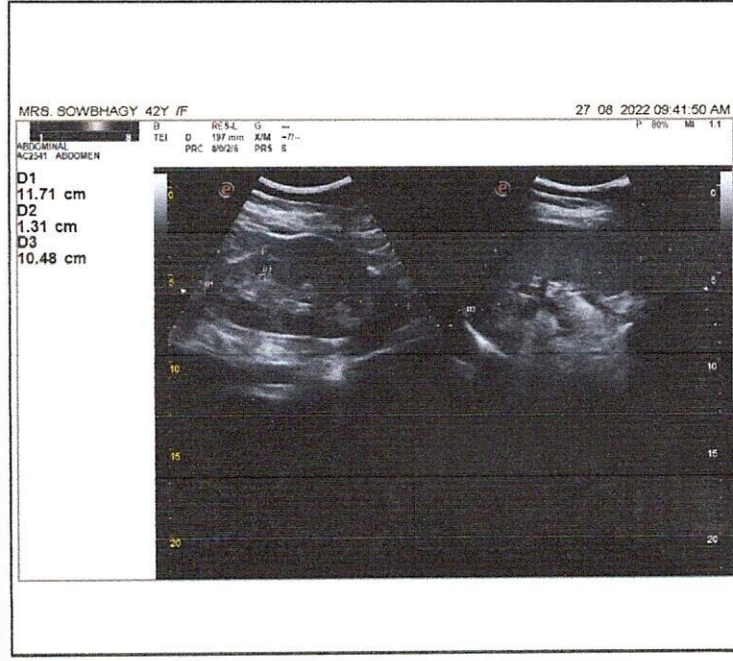
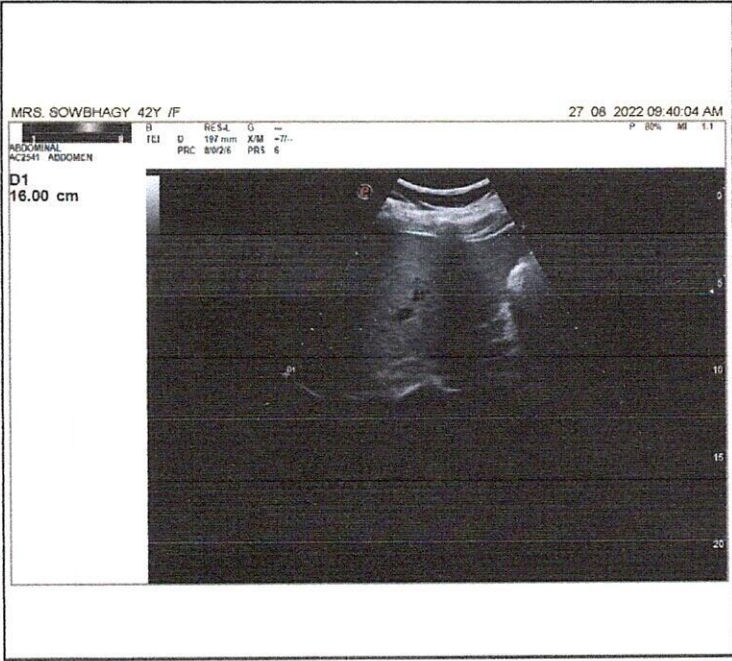
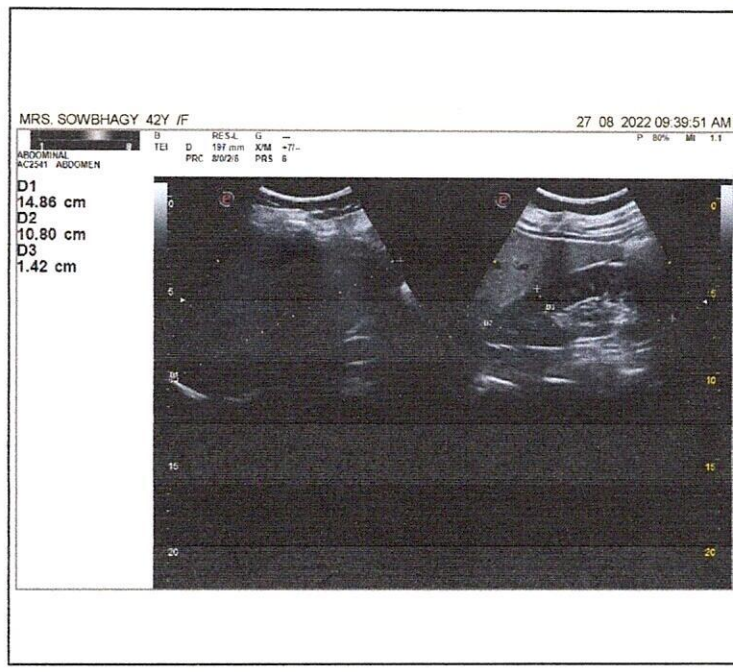
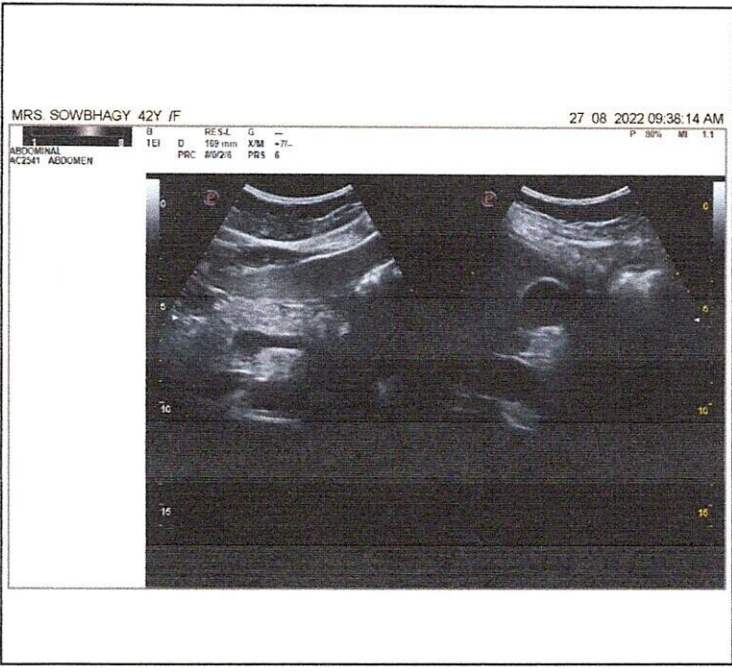
No evidence of free fluid in the abdomen or pelvis.

IMPRESSION:

- **Mild hepatomegaly with grade I fatty changes.**
- **No other significant sonographic abnormality detected.**



S. Mohan
Dr. MOHAN S. MDRD
Consultant Radiologist





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TRANS THORACIC 2D ECHO - DOPPLER STUDY

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M-Mode

AORTA	20	mm
LEFT ARTIUM	26	mm
RIGHT VENTRICLE(Diastole)	18	mm
LVID (Diastole)	45	mm
LVID (Systole)	28	mm
INTERVENTRICULAR SEPTUM (Diastole)	09	mm
L V POSTERIOR WALL (Diastole)	10	mm
L V MASS	140	grms
FRACTIONAL SHORTENING	30	%
EJECTION FRACTION	60	%

DOPPLER / COLOR FLOW

MITRAL VALVE	E- 0.8	A - 0.6	m/sec	NO MR
AORTIC VALVE	1.0	-	m/sec	NO AR
TRICUSPID VALVE	E- 0.4	A - 0.2	m/sec	NO TR
PULMONARY VALVE	0.8	-	m/sec	NO PR



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FINDINGS

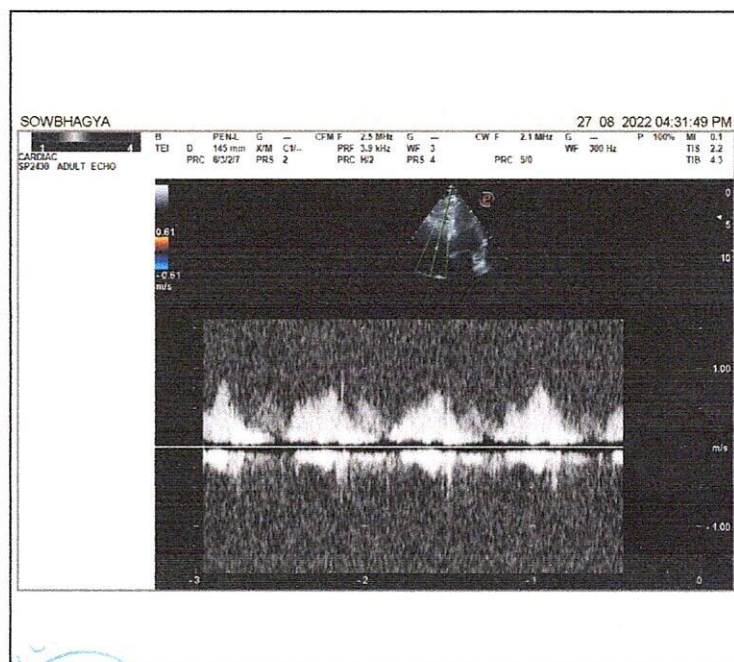
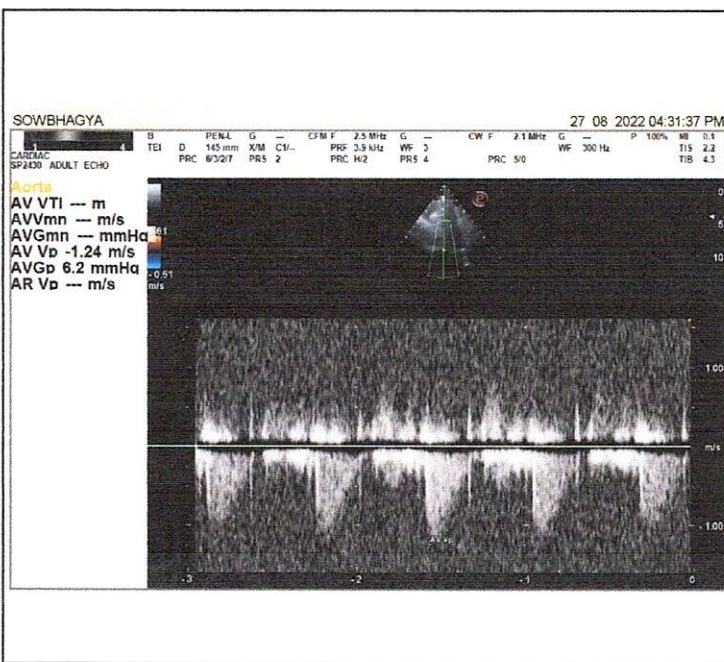
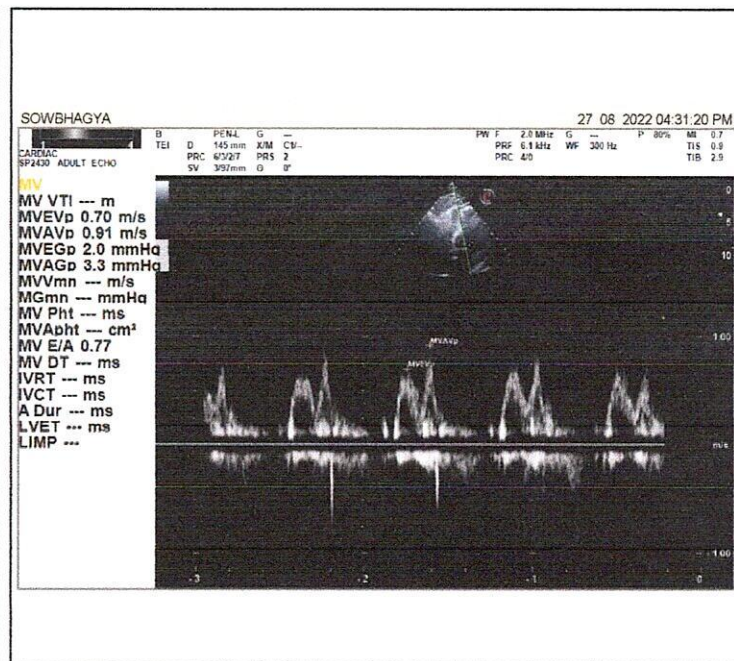
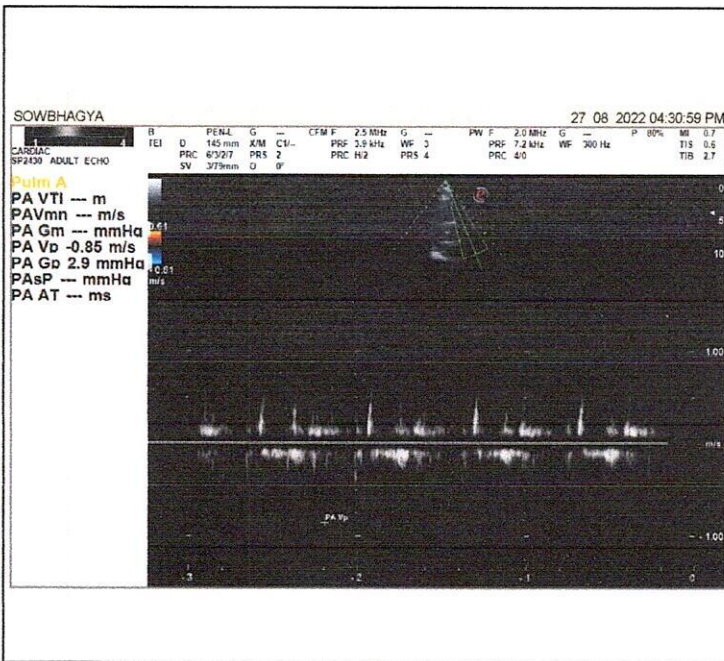
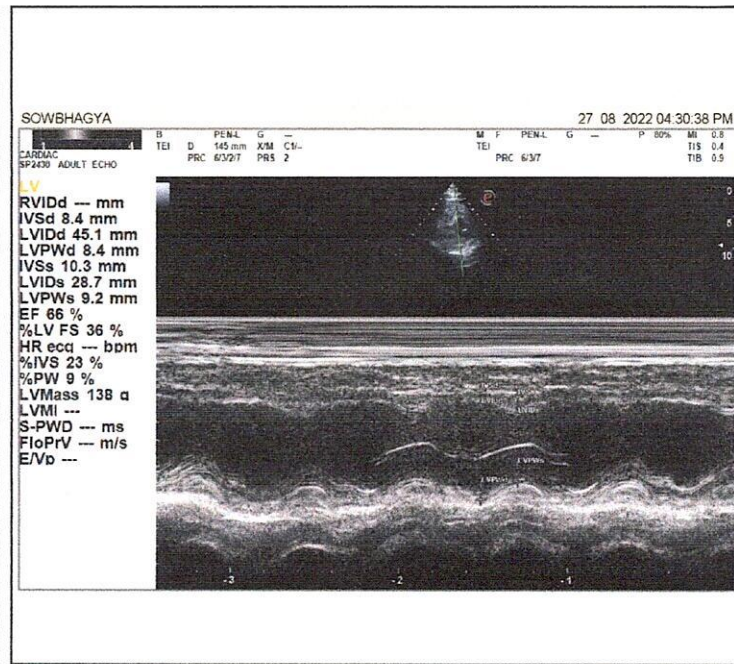
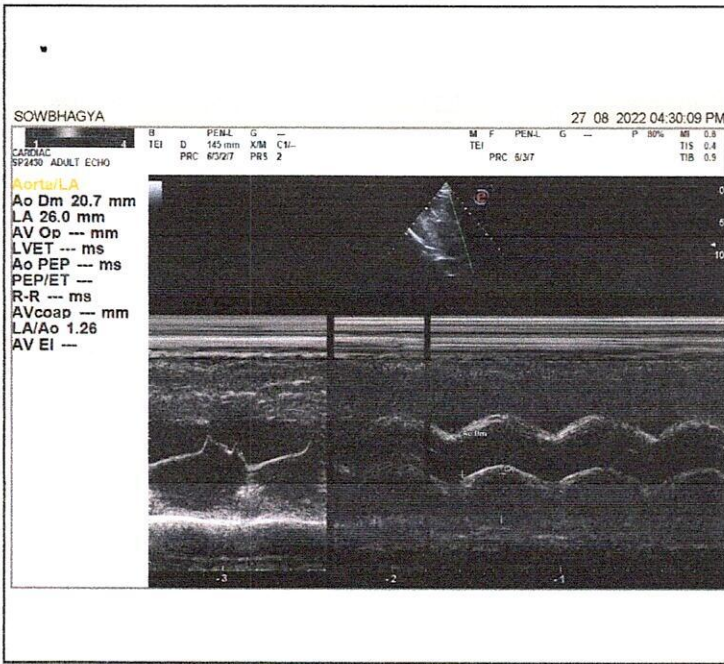
LEFT VENTRICLE	SIZE	NORMAL
	THICKNESS	NORMAL
LV FUNCTION	REGIONAL WALL MOTION ABNORMALITY	NORMAL
LEFT ATRIUM	NORMAL	
RIGHT VENTRICLE	NORMAL	
RIGHT ATRIUM	NORMAL	
MITRAL VALVE	NORMAL	
AORTIC VALVE	NORMAL	
PULMONARY VALVE	NORMAL	
TRICUSPID VALVE	NORMAL	
INTER ATRIAL SEPTUM	INTACT	
INTER VENTRICULAR SEPTUM	INTACT	
PERICARDIUM	NORMAL, NO EFFUSION	
GREAT VESSELS	AORTA - NORMAL PULMONARY ARTERY - NORMAL	
OTHERS		

CONCLUSION:

- NORMAL VALVES AND CHAMBER DIMENSIONS.
- NO REGIONAL WALL MOTION ABNORMALITIES.
- NORMAL LV SYSTOLIC FUNCTION. EF=60%
- GRADE I LV DIASTOLIC DYSFUNCTION.
- NORMAL RV FUNCTION.
- NO CLOTS / VEGETATION / PE.




Dr. LOKESH.K.M
CONSULTANT CARDIOLOGIST



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SONO MAMMOGRAPHY OF BILATERAL BREASTS

RIGHT BREAST

Breast shows normal fibro glandular pattern.
Adjacent skin & retro mammary areas are normal.
Subareolaer region is normal.
Nipple is normal.
Retro mammary space and subcutaneous planes are normal.
Right axilla appears normal, no e/o lymphadenopathy.

LEFT BREAST

Breast shows normal fibro glandular pattern.
Adjacent skin & retro mammary areas are normal.
Subareolaer region is normal.
Nipple is normal.
Retro mammary space and subcutaneous planes are normal.
Left axilla appears normal, no e/o lymphadenopathy.

IMPRESSION:

➤ **NORMAL SONOMAMMOGRAPHY-BIRADS I.**

BREAST IMAGING REPORTING AND DATA BASE SYSTEM {BIRADS}

Category	Assessment	Follow-up
1	Negative	Continue regular screening mammograms {For women over age 40}


Dr. SAHANA. C. MDRD, DNB
CONSULTANT RADIOLOGIST



