



Diagnostics & Speciality Centre

TRANS THORACIC 2D ECHO – DOPPLER STUDY

NAME:	Mrs. SHOBHA VENKATESH	DATE:	14-07-2021
AGE:	54 YEARS	ID. NO:	153298
GENDER:	FEMALE	REFERRED BY:	MEDIWHEEL

		M	Mode		
AORTA				23	mm
LEFT ARTIUM		- Aug		25	mm
RIGHT VENTRICLE(Dias	tole)	<u>j</u>		20	mm
LVID (Diastole)		1.11		37	mm
LVID (Systole)	1.000.00	C. S.		23 10	mm mm
INTERVENTRICULAR SE	PTUM (Dias	tole)			
L V POSTERIOR WALL (I	Diastole)			09	mm
L V MASS				150	grms
FRACTIONAL SHORTEN	ING			30	%
EJECTION FRACTION				60	%
	DO	PPLER /	COLOR	FLOW	1
MITRAL VALVE	E- 0.8	A - 0.6	m/sec	NO MR	
AORTIC VALVE	1.8		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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NAME

AGE/SEX : 54 Yrs / Female REFERRED BY :

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Mrs. SHOBHA VENKATESH

 MR / VISIT NO
 :
 21070964 / 137154

 BILLED TIME
 :
 137154

 BILL NO.
 :
 153298

 DATE OF REPORT
 :
 14-07-2021 at 05:50 PM

MEDIWHEEL HEALTH CHECKUP FEMALE

LIVER: Liver is normal in size (14.7 cm) and normal homogenous echotexture. No focal lesions. Intrahepatic biliary radicles not dilated. Hepatic veins are normal.CBD & Portal vein normal.

GALL BLADDER: Contracted.

SPLEEN: Normal in size with normal homogenous echotexture. No focal lesion seen. Splenic vein is normal in caliber.

PANCREAS: Body and head appears normal. No focal lesion seen. Pancreatic duct not dilated. Tail not visualized.

RIGHT KIDNEY: Normal in size measuring 10.5 x 3.1 cm with normal echo pattern. Peivi-calyceal system is not dilated. Parenchymal thickness measuring 1.2 cm. Corticomedullary differentiation is well maintained. No calculus seen. Cortical thickness is normal.

LEFT KIDNEY: Normal in size measuring 9.5 x 4.8 cm with normal echo pattern. Pelvi-calyceal system is not dilated. Parenchymal thickness measuring 1.6 cm. Corticomedullary differentiation is well maintained. No calculus seen. Cortical thickness is normal.

URINARY BLADDER: Normal in distension with normal wall thickness. Lumen echo free.

UTERUS: Anteverted normal in size $6.1 \times 2.6 \times 3.7$ cm with normal homogenous echotexture. No focal lesion seen. Endometrial and myometrial echoes are normal. Endometrium is normal measures 4.0 mm.

BOTH OVARIES: Not visualised.

No evidence of free fluid in the pelvic or abdominal cavity.

IMPRESSION:

No sonological abnormality detected.

Dispatched by: Varalakshmi R

**** End of Report ****

Printed by: Varalakshmi R on 14-07-2021 at 05:50 PM

Dr. NAVEEN J MDRD CONSULTANT RADIOLOGIST

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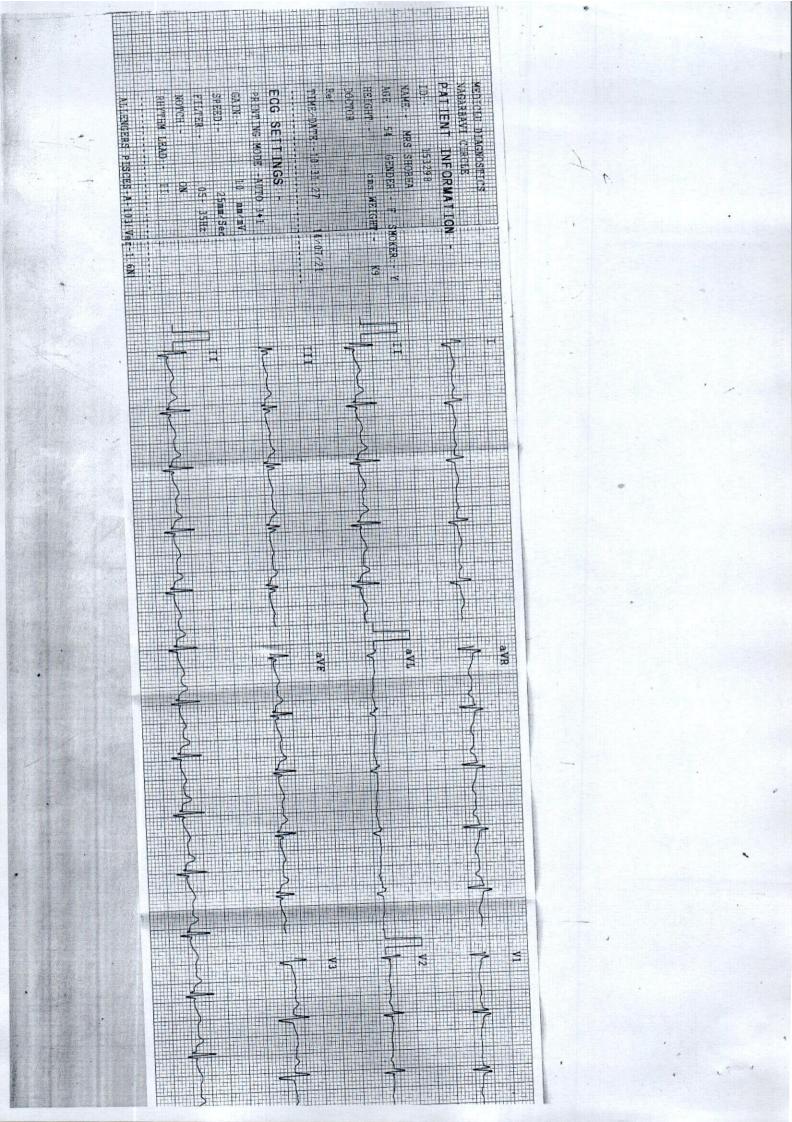
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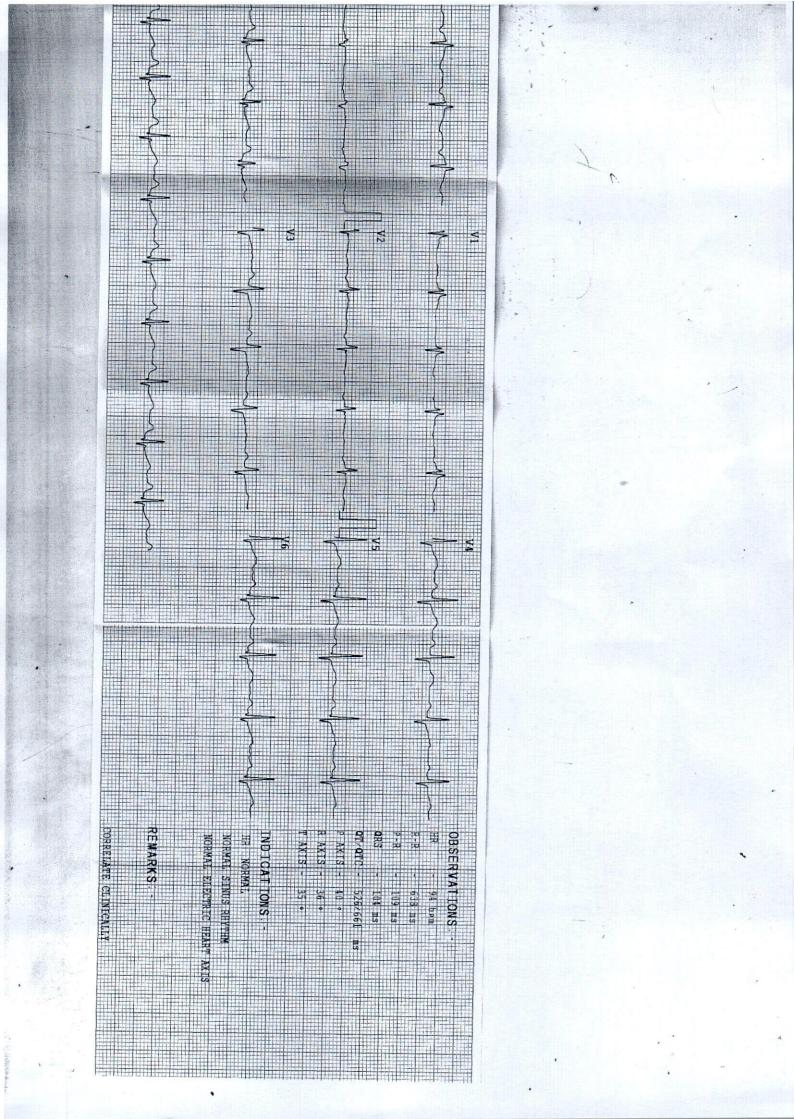
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X-RAY CHEST PA VIEW

- Bilateral hyperinflated lungs with prominent bronchovascular markings.
- CP angles are clear.
- Both the hila appear normal.
- Cardiac diameter is within normal limits.
- Trachea appears in mid line.
- Visible bony thoracic cage is normal.
- Adjacent soft tissues appears normal.

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NAME : Mrs. SHOBHA VENKATE AGE/SEX : 54 Yrs / Female REFERRED BY :	ESH	MR NO. : VISIT NO. : DATE OF COLLECTION : DATE OF REPORT :	21070964 137154 14-07-2021 at 08:34 AM 14-07-2021 at 02:12 PM
TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
MEDI	WHEEL HEALTH CH	ECKUP FEMALE	
COMPLETE BLOOD COUNT (CBC) WITH	<u>ESR</u>		
HAEMOGLOBIN Colorimetric Method	13.4 gm/dL	12 - 16 gm/dL	
HEMATOCRIT (PCV) Calculated	39.8 %	36 - 47 %	
RED BLOOD CELL (RBC) COUNT Electrical Impedance	4.4 million/cu.mm	4 - 5.2 million/cu.mm	
PLATELET COUNT Electrical Impedance	3.8 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm	
MEAN CELL VOLUME (MCV)	92.0 fl	80 - 100 fl	
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	30.8 pg	26 - 34 pg	
MEAN CORPUSCULAR HEMOGLOBIN	33.5 %	31 - 35 %	
CONCENTRATION (MCHC) Calculated			
TOTAL WBC COUNT (TC) Electrical Impedance	7760 cells/cumm	4000 - 11000 cells/cumm	
DIFFERENTIAL COUNT			
NEUTROPHILS VCS Technology/Microscopic	65 %	40 - 75 %	
LYMPHOCYTES VCS Technology/Microscopic	26 %	25 - 40 %	
EOSINOPHILS VCS Technology/Microscopic	04 %	0 - 7 %	
MONOCYTES VCS Technology/Microscopic	05 %	1 - 8 %	
BASOPHILS Electrical Impedance	00 %		
ESR Westergren Method	22 mm/hr	0 - 20 mm/hr	

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Dr. KRISHNA MURTHY

MD BIOCHEMIST



Lab Seal

Dr. VAMSEEDHAR.A D.C.P, M.D CONSULTANT PATHOLOGIST

The laboratory values And Normal values need to be interpreted based on patients clinical characteristics. The values in reference range is for an average normal individual which may vary depending upon age, sex and other characteristics.

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NAME:Mrs. SHOBHA VENAGE/SEX:54 Yrs / FemaleREFERRED BY:	IKATESH	MR NO. : 21070964 VISIT NO. : 137154 DATE OF COLLECTION : 14-07-2021 at 08:34 DATE OF REPORT : 14-07-2021 at 02:12	
TEST PARAMETER	RESULT	REFERENCE RANGE SPECIMEN	
LIPID PROFILE TEST			
TOTAL CHOLESTEROL Cholesterol Oxidase-Peroxidase (CHOD-POD)	189 mg/dL	up to 200 mg/dL Border Line: 200 – 240 mg/dL High: > 240 mg/dL	
TRIGLYCERIDES Glycerol Peroxidase-Peroxidase (GPO-POD)	128.8 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	55.1 mg/dl	40 - 60 mg/dl	
PEG-Cholesterol Esterase		 >/= 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	108.1 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	25.8 mg/dL	2 - 30 mg/dL	
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Dr. KRISHNA MURTHY	Lab Seal	Dr. VAMSEEDH	IAR.A
		D.C.P, M.D CONSULTANT PATH inical characteristics. The values in reference range is for an averag age, sex and other characteristics.	OLOGIS
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No. 79, Kendra Upadyayara	Page 2 of Sangha Layout, Nagarl	⁸ bhavi Circle, Nagarbhavi, Bengaluru - 560 072.	

For Home Sample Collections Contact : **+91 99867 333 33** E-mail : medicludiagnostics@gmail.com website : www.mediclu.com

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TEST PARAMETER	RESULT	REFERENCE RANGE SPECIMEN
TOTAL CHOLESTROL/HDL RATIO	3.4	up to 3 3.0-4.4 - Moderate >4.4 - High
LDL/HDL RATIO Calculation	2.0	up to 2.5 2.5-3.3 - Moderate >3.3 - High
LIVER FUNCTION TEST (LFT)		
TOTAL BILIRUBIN Colorimetric Diazo Method	0.40 mg/dL	0.2 - 1.2 mg/dL
DIRECT BILIRUBIN Colorimetric Diazo Method	0.19 mg/dL	0 - 0.4 mg/dL
INDIRECT BILIRUBIN Calculation	0.21 mg/dl	
S G O T (AST) IFCC Without Pyridoxal Phosphates	23.5 U/L	up to 31 U/L
S G P T (ALT) IFCC Without Pyridoxal Phosphates	15.4 U/L	up to 46 U/L
ALKALINE PHOSPHATASE	83 U/L	36 - 113 U/L
SERUM GAMMA GLUTAMYLTRANSFERASE (GC	GT) 20.6 U/L	5 - 55 U/L
TOTAL PROTEIN Biuret Colorimetric	5.53 g/dl	6.2 - 8 g/dl
S.ALBUMIN Bromocresol Green (BCG)	3.94 g/dl	3.5 - 5.2 g/dl
S.GLOBULIN Calculation	1.6 g/dl	2.5 - 3.8 g/dl
A/G RATIO Calculation	2.5	1 - 1.5

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
BLOOD UREA UREASE-GLUTAMATE DEHYDROGENASE (GLDH)	17.2 mg/dL	15 - 50 mg/dL	
CREATININE Jaffe Kinetic	0.70 mg/dL	0.4 - 1.4 mg/dL	
URIC ACID Uricase-Peroxidase	5.3 mg/dL	2.5 - 6 mg/dL	
SERUM ELECTROLYTES			
SODIUM Ion Selective Electrode (ISE)	139 mmol/L	136 - 145 mmol/L	
POTASSIUM Ion Selective Electrode (ISE)	4.1 mmol/L	3.5 - 5.2 mmol/L	
CHLORIDE Ion Selective Electrode (ISE)	100 mmol/L	97 - 111 mmol/L	
POST PRANDIAL BLOOD SUGAR Hexokinase	161.1 mg/dl	80 - 150 mg/dl	
FASTING BLOOD SUGAR Hexokinase	114.5 mg/dl	70 - 110 mg/dl	

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
THYROID PROFILE			
TOTAL TRIIODOTHYRONINE (T3)	1.08 ng/mL	0.87 - 1.78 ng/mL	
TOTAL THYROXINE (T4)	10.79 µg/dL	6.09 - 12.23 μg/dL	
THYROID STIMULATING HORMONE (TSH) ^{CMIA}	2.080 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)

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
GLYCATED HAEMOGLOBIN (HbA1C)	5.8 %	American Diabetic Association (ADA) recommendations:	
		Non diabetic adults : <5	5.7 %
		At risk (Pre diabetic): 5. 6.4%	7 –
		Diabetic : >/= 6.5%	
		Therapeutic goal for glycemic control :	
		Goal for therapy: < 7.0%	%
		Action suggested: > 8.0)%

ESTIMATED AVERAGE GLUCOSE (eAG) Calculation

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 glycemic 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.

119.76 mg/dL

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.

URINE ROUTINE & MICROSCOPIC PHYSICAL EXAMINATION

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TEST PARAMETEI	R	RESULT	REFERENCE RANGE	SPECIMEN
Colour Visual Method		Pale Yellow	Pale yellow- yellow	
Appearance Visual Method		Clear	Clear/Transparent	
Specific Gravity Strips Method		1.025	1.005-1.035	
рН		6.0	4.6-8.5	
CHEMICAL EXA	MINATION (DIPSTICK)			
Protein Strips Method		Nil	Nil -Trace	
Glucose Strips Method		Nil	Nil	
Blood Strips Method		Negative	Negative	
Ketone Bodies Strips Method		Absent	Negative	
Urobilinogen Strips Method		Normal	Normal	
Bile Salt Strips Method		Negative	Negative	
Bilirubin Strips Method		Negative	Negative	
Bile Pigments		Negative	NIL	
MICROSCOPY				
Pus Cells (WBC)		1 - 2 /hpf	0-5/hpf	
Epithelial Cells		2 - 3 /hpf	0-4/hpf	
RBC Light Microscopic		Not Seen /hpf	0-2/hpf	
Cast Light Microscopic		NIL	NIL	

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		DATE OF REPORT	14-07-2021 at 02:12 PM
TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
Crystal Light Microscopic	NIL	Nil	
FASTING URINE SUGAR (FUS)	NIL	NIL	FASTING URINE
POSTPRANDIAL URINE SUGAR	NIL	NIL	URINE

Dispatched by: Sumalatha

**** End of Report ****

Printed by: Jasmine on 17-07-2021 at 12:54 PM

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