

Customer Name	MR.SANKARA VELAYUTHAM T	Customer ID	MED121727149
Age & Gender	55Y/MALE	Visit Date	11/03/2023
Ref Doctor	MediWheel		

Thanks for your reference

ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d ... 5.0 cm
 LVID s ... 2.9 cm
 EF ... 74 %
 IVS d ... 1.1 cm
 IVS s ... 1.0 cm
 LVPW d ... 0.5 cm
 LVPW s ... 1.4cm
 LA ... 2.6 cm
 AO ... 3.1 cm
 TAPSE ... 19mm
 IVC ... 21 cm

Left ventricle, Left atrium normal.

Right ventricle, Right atrium normal.

No regional wall motion abnormality present.

Mitral valve, Aortic valve, Tricuspid valve & Pulmonary valve normal.

Aorta normal.

Inter atrial septum intact.

Inter ventricular septum intact.

No pericardial effusion.

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Doppler:

Mitral valve : E:0.74m/s A: 0.65 m/s
 E/A Ratio: 1.13 E/E: 10.52

Aortic valve: AV Jet velocity:1.39m/s

Tricuspid valve: TV Jet velocity: 2.47 m/s

Pulmonary valve: PV Jet velocity: 1.28 m/s

TRPG: 23.34 mmHg.

IMPRESSION:

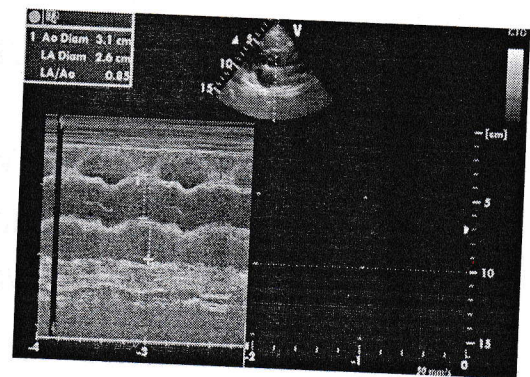
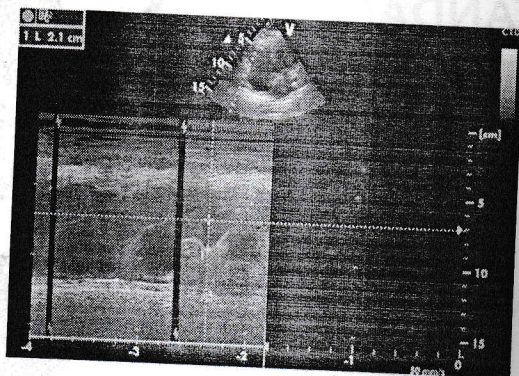
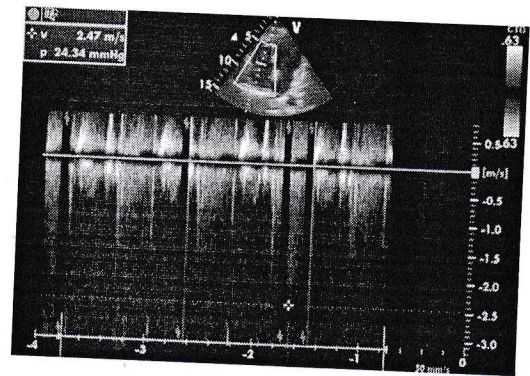
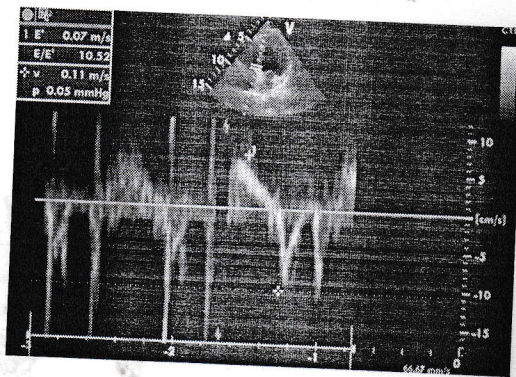
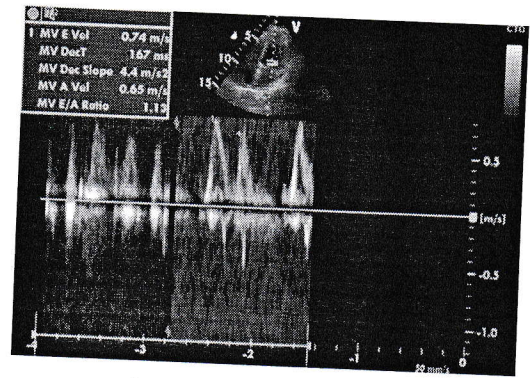
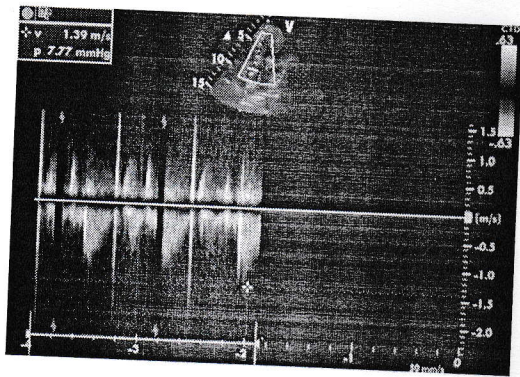
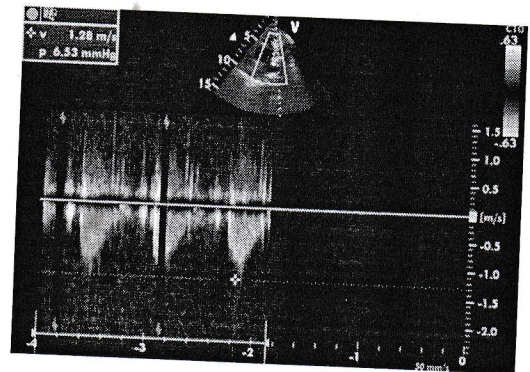
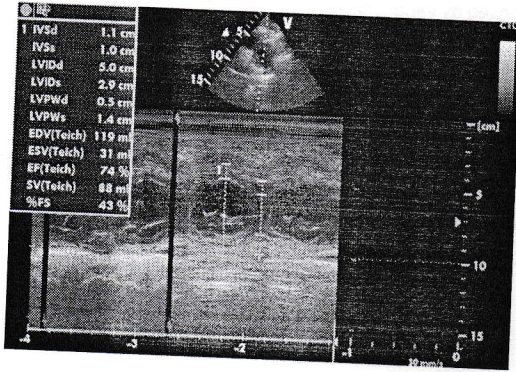
1. Normal chambers & Valves.
2. No regional wall motion abnormality present.
3. Normal LV systolic function.
4. Pericardial effusion - Nil.
5. No pulmonary artery hypertension.


Dr. S. MANIKANDAN. MD.DM.(Cardio)
Cardiologist

Medall Healthcare Pvt Ltd 10/5, HARSHA COMPLEX,
NORTH BYE PASS ROAD, Vannarapetai, Tirunelveli-627003

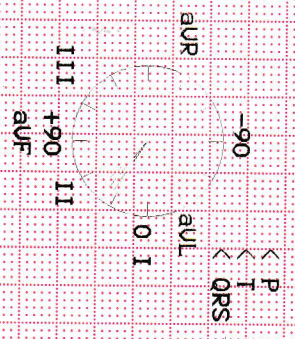


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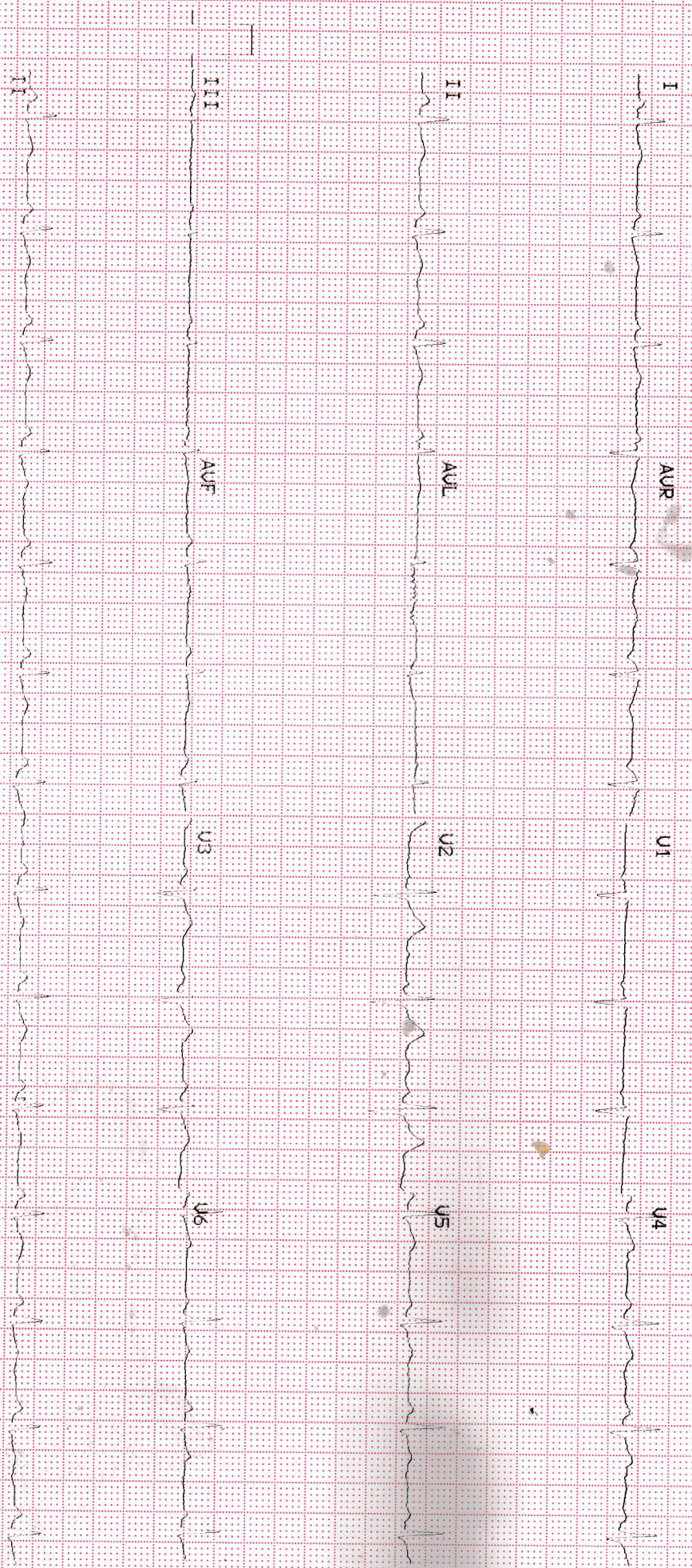
Measurement Results:

QRS	88 ms
QT/QTcB	368 / 431 ms
PR	148 ms
P	110 ms
RR/PP	728 / 725 ms
P/QRS/T	45 / 35 / 40 degrees
QTd/QTcBd	82 / 96 ms
Sbidiaw	1.1 mV
NK	12



Interpretation:
normal ECG

Unconfirmed report.



MEDICAL EXAMINATION REPORT

Name Sankaravelayutha Gender M / F Date of Birth

Position Selected For Identification marks

A. HISTORY:

1. Do you have, or are you being treated for, any of the following conditions? (please tick all that apply)?

- | | | |
|---|--|---|
| <input type="checkbox"/> Anxiety | <input type="checkbox"/> Cancer | <input type="checkbox"/> High Blood Pressure |
| <input type="checkbox"/> Arthritis | <input type="checkbox"/> Depression/ bipolar disorder | <input type="checkbox"/> High Cholesterol |
| <input type="checkbox"/> Asthama, Bronchitis, Emphysema | <input type="checkbox"/> Diabetes | <input type="checkbox"/> Migraine Headaches |
| <input type="checkbox"/> Back or spinal problems | <input type="checkbox"/> Heart Disease | <input type="checkbox"/> Sinusitis or Allergic Rhinitis (Hay Fever) |
| <input type="checkbox"/> Epilepsy | <input type="checkbox"/> Any other serious problem for which you are receiving medical attention | |

2. List the medications taken Regularly.

3. List allergies to any known medications or chemicals

4. Alcohol : Yes No Occasional

5. Smoking : Yes No Quit(more than 3 years)

6. Respiratory Function :

- a. Do you become unusually short of breath while walking fast or taking stair - case? Yes No
- b. Do you usually cough a lot first thing in morning? Yes No
- c. Have you vomited or coughed out blood? Yes No

7. Cardiovascular Function & Physical Activity :

- a. Exercise Type: (Select 1)
- No Activity
 - Very Light Activity (Seated At Desk, Standing)
 - Light Activity (Walking on level surface, house cleaning)
 - Moderate Activity (Brisk walking, dancing, weeding)
 - Vigorous Activity (Soccer, Running)
- b. Exercise Frequency: Regular (less than 3 days/ week) / Irregular (more than 3 days/ Week)
- c. Do you feel pain in chest when engaging in physical activity? Yes No

8. Hearing :

- a. Do you have history of hearing troubles? Yes No
- b. Do you experiences ringing in your ears? Yes No
- c. Do you experience discharge from your ears? Yes No
- d. Have you ever been diagnosed with industrial deafness? Yes No

9. Musculo - Skeletal History

- a. Neck : Have you ever injured or experienced pain? Yes No
- b. Back : If Yes ; approximate date (MM/YYYY) Yes No
- c. Shoulder, Elbow, Wrists, Hands : Consulted a medical professional ? Yes No
- d. Hips, Knees, Ankles, Legs : Resulted in time of work? Yes No

10. Function History

- a. Do you have pain or discomfort when lifting or handling heavy objects? Yes No
- b. Do you have knee pain when squatting or kneeling? Yes No
- c. Do you have back pain when forwarding or twisting? Yes No
- d. Do you have pain or difficulty when lifting objects above your shoulder height? Yes No
- e. Do you have pain when doing any of the following for prolonged periods (Please circle appropriate response)
 - Walking : Yes No
 - Climbing : Yes No
 - Standing : Yes No
 - Kneeling : Yes No
 - Sitting : Yes No
 - Bending : Yes No
 - Squatting : Yes No
- f. Do you have pain when working with hand tools? Yes No
- g. Do you experience any difficulty operating machinery? Yes No
- h. Do you have difficulty operating computer instrument? Yes No

B. CLINICAL EXAMINATION :

a. Height b. Weight Blood Pressure

Chest measurements: a. Normal b. Expanded

Waist Circumference

Skin

Vision

Circulatory System

Gastro-intestinal System

Ear, Nose & Throat

Respiratory System

Nervous System

Genito-urinary System

Colour Vision

Pulse: 80

Discuss Particulars of Section B :-

C. REMARKS OF PATHOLOGICAL TESTS :

Chest X-ray	<input type="text"/>	ECG	<input type="text"/>
Complete Blood Count	<input type="text"/>	Urine routine	<input type="text"/>
Serum cholesterol	<input type="text"/>	Blood sugar	<input type="text"/>
Blood Group	<input type="text"/>	S.Creatinine	<input type="text"/>

D. CONCLUSION :

Any further investigations required

Any precautions suggested

E. FITNESS CERTIFICATION

Certified that the above named recruit does not appear to be suffering from any disease communicable or otherwise, constitutional weakness or bodily infirmity except _____

_____ . I do not consider this as disqualification for employment in the Company. S

Candidate is free from Contagious/Communicable disease

[Handwritten signature]



THE EYE FOUNDATION

SUPER SPECIALITY EYE HOSPITALS

City Shopping Centre, Kokkirakulam, Trivandrum Road, Tirunelveli - 627 003.

Tel : 0462 435 6655 / 6622

E-mail : tirunelveli@theeyefoundation.com Website : www.theeyefoundation.com

H.O : D.B. Road, Coimbatore - 641 002.



CONSULTANTS :

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Dr. Ajay R Kaushik
Dr. Andrea Jose
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Dr. Ashwin Segi
Dr. Ayllette Jude Dsilva
Dr. Chandra Shekar C.S.
Dr. Chitra Ramamurthy
Dr. Gautam Kukadia
Dr. Girish Reddy G.C.
Dr. Gitansha Shreyas Sachdev
Dr. Gopal R.
Dr. Gopinathan G.S
Dr. Hameed Obedulla
Dr. Hemanth Murthy
Dr. Hemamalini
Dr. Iris
Dr. Jatinder Singh
Dr. Jezeela K.
Dr. Khalid Lateef
Dr. Krishnan R.
Dr. Maimunnisa M.
Dr. Manjula
Dr. Mohamed Faizal S.
Dr. Mohd Shahbaaz
Dr. Mugdha Kumar
Dr. Muralidhar R.
Dr. Muralidhar N.S.
Dr. Nagesh
Dr. Nikitha
Dr. Pranesh Ravi
Dr. Praveen Muraly
Dr. Preethi
Dr. Priyanka R.
Dr. Priyanka Shyam
Dr. Priyanka Singh
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Dr. Ramamurthy D.
Dr. Rashmita Kukadia
Dr. Rathinasamy V.
Dr. Ravi J.
Dr. Romit Salian
Dr. Sagar Basu
Dr. Sahana Manish
Dr. Sakthi Rajeswari N.
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Dr. Shreyas Ramamurthy
Dr. Shylesh Dabke
Dr. Soundarya B.
Dr. Srinivas Rao V.K.
Dr. Sumanth
Dr. Sunitha
Dr. Sushma Poojary
Dr. Swathi Baliga
Dr. Tamilarasi S.
Dr. Thenarasun S.A.
Dr. Umesh Krishna
Dr. Vaishnavi M.
Dr. Vamsi K.
Dr. Vidhya N.
Dr. Vijay Kumar S.
Dr. Visalatchi
Dr. Vishnu Kuppasamy Pounraju

Date: 11.3.23

Eye Fitness Certificate

This is to certify that Mr/Mrs/Ms. T. Santhara Velayuthan Age 55/M,

Male/Female, our MRNO 13026248

	OD	OS
Visual Acuity	<u>+0.75 6/6</u>	<u>+0.50 6/6</u>
Near Vision	<u>+2.50 N6</u>	<u>+2.50 N6</u>
Colour Vision	<u>Normal</u>	<u>Normal</u>
B.S.V	<u>Normal</u>	<u>Normal</u>
Central Fields	<u>Normal</u>	<u>Normal</u>
Anterior Segment	<u>Normal</u>	<u>Normal</u>
Fundus	<u>Normal</u>	<u>Normal</u>

Dr.UMA.M MBBS, D.O.MS
REG. No. 92948

THE EYE FOUNDATION

Medical Consultant,
The Eye Foundation,
Tirunelveli.

with Class

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**REAL - TIME 2D & 4D ULTRASOUND DONE WITH VOLUSON 730 EXPERT .
SONOGRAM REPORT**

WHOLE ABDOMEN

Liver: The liver is normal in size. Parenchymal echoes are increased in intensity. No focal lesions. Surface is smooth. There is no intra or extra hepatic biliary ductal dilatation.

Gallbladder: The gall bladder is normal sized and smooth walled and contains no calculus.

Pancreas: The pancreas shows a normal configuration and echotexture. The pancreatic duct is normal.

Spleen: The spleen is normal.

Kidneys: The right kidney measures 9.2 x 4.3 cm. Normal architecture. The collecting system is not dilated.

The left kidney measures 9.8 x 5.2 cm. Normal architecture. The collecting system is not dilated.

Urinary bladder: The urinary bladder is smooth walled and uniformly transonic. There is no intravesical mass or calculus.

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Prostate: The prostate measures 2.9 x 2.8 x 2.6 cm and is normal sized.
Corresponds to a weight of about 11.38 gms.
The echotexture is homogeneous.
The seminal vesicles are normal.

RIF: Iliac fossae are normal.
No mass or fluid collection is seen in the right iliac fossa.
The appendix is not visualized.
There is no free or loculated peritoneal fluid.
No para aortic lymphadenopathy is seen.

IMPRESSION :

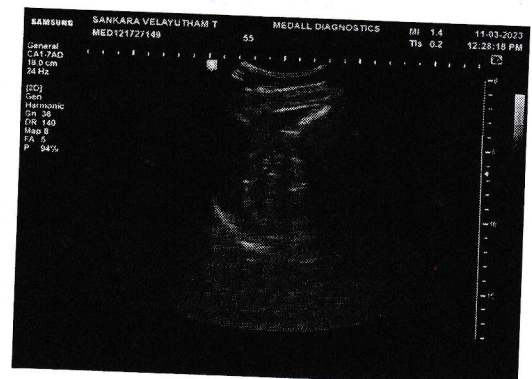
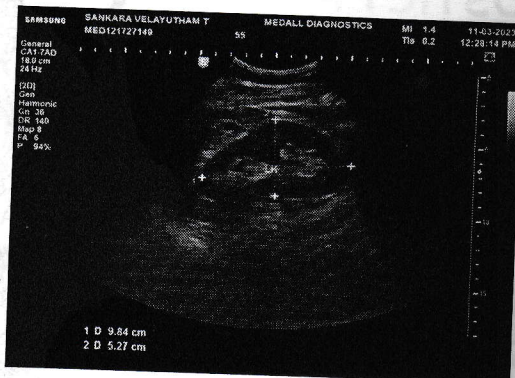
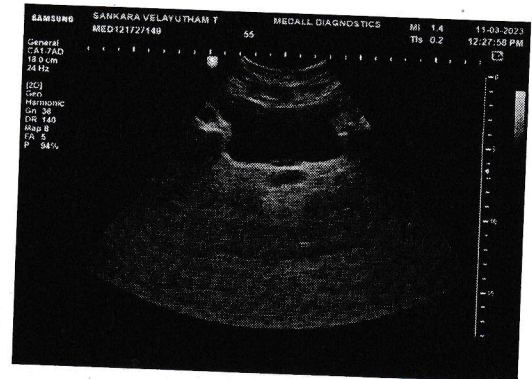
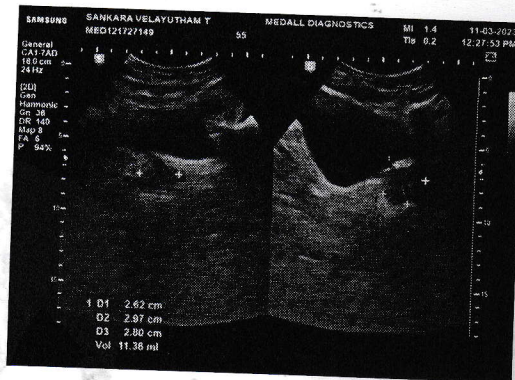
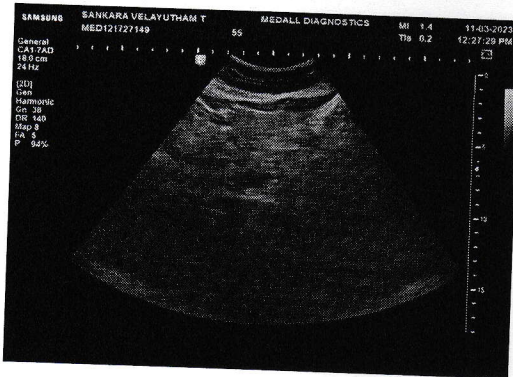
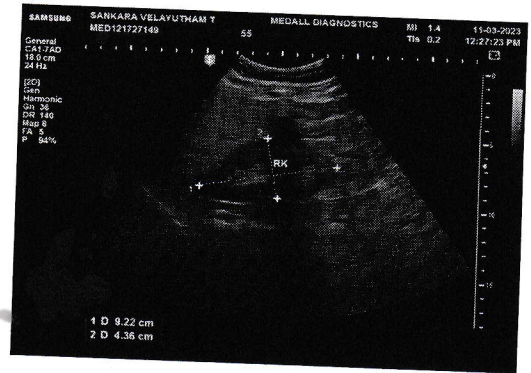
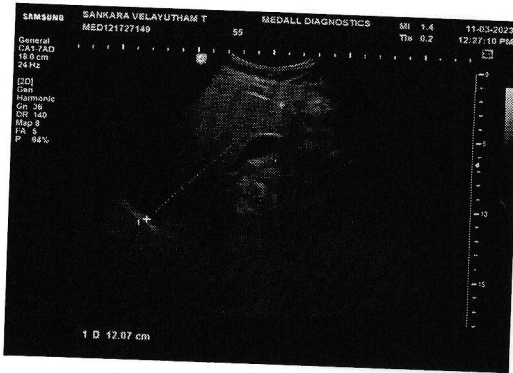
- **Grade II fatty liver.**

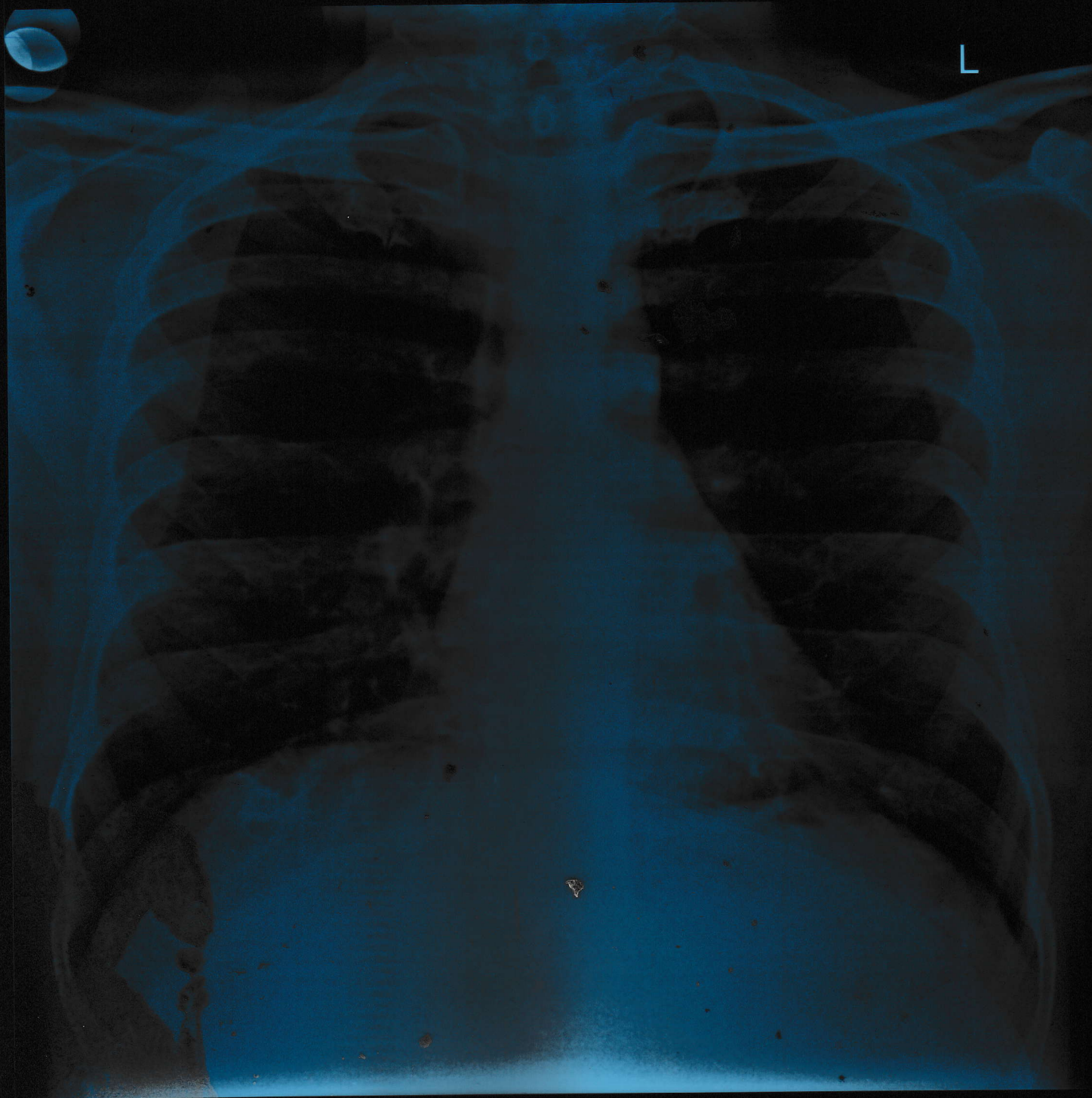

DR. J. VINOLIN NIVETHA, M.D.R.D.,
Consultant Radiologist.
Reg. No: 115999.

Medall Healthcare Pvt Ltd 10/5, HARSHA COMPLEX,
NORTH BYE PASS ROAD, Vannarapetai, Tirunelveli-627003



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SANKARA VELAYUTHAM T 55 M MED121727149 TEN88738963844 M RT 3/11/2023

MEDALL DIAGNOSTICS

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DIGITAL X- RAY CHEST PA VIEW

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Bilateral lung fields appear normal.

Costo and cardiophrenic angles appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

IMPRESSION:

❖ NO SIGNIFICANT ABNORMALITY DEMONSTRATED.



DR. DANIEL STANLEY PETER, M.D.R.D.,
CONSULTANT RADIOLOGIST.
REG.NO: 82342.

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 PID No. : MED121727149
 SID No. : 623005834
 Age / Sex : 55 Year(s) / Male
 Ref. Dr : MediWheel

Register On : 11/03/2023 11:02 AM
 Collection On : 11/03/2023 11:32 AM
 Report On : 11/03/2023 2:17 PM
 Printed On : 13/03/2023 1:05 PM
 Type : OP



Investigation	Observed Value	Unit	Biological Reference Interval
Absolute Basophil count (Blood/Impedance Variation & Flow Cytometry)	0.03	10 ³ / μ l	< 0.2
Platelet Count (Blood/Impedance Variation)	332	10 ³ / μ l	150 - 450
MPV (Blood/Derived from Impedance)	07.81	fL	7.9 - 13.7
PCT(Automated Blood cell Counter)	0.26	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	18	mm/hr	< 20

BIOCHEMISTRY

BUN / Creatinine Ratio	9.28		
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	144.6	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: \geq 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F) Negative Negative

Glucose Postprandial (PPBS) (Plasma - PP/ GOD-PAP) 237.9 mg/dL 70 - 140

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti-diabetic medication during treatment for Diabetes.

Urine Glucose(PP-2 hours) (Urine - PP) Positive(+) Negative

Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived) 8.45 mg/dL 7.0 - 21

Creatinine (Serum/Modified Jaffe) 0.91 mg/dL 0.9 - 1.3

Uric Acid (Serum/Enzymatic) 3.6 mg/dL 3.5 - 7.2

Liver Function Test

Bilirubin(Total) (Serum) 0.60 mg/dL 0.1 - 1.2

Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid) 0.21 mg/dL 0.0 - 0.3

Bilirubin(Indirect) (Serum/Derived) 0.39 mg/dL 0.1 - 1.0

SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC) 28.4 U/L 5 - 40

SGPT/ALT (Alanine Aminotransferase) (Serum) 33.2 U/L 5 - 41

GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic) 35.7 U/L < 55

E. Sukanthi Rani
E.SUKANTHI RANI
 Sr.Lab Tech



B. Supraja
DR SUPRAJA B MD
 Consultant Pathologist
 Reg NO : 95961

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<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	96.7	U/L	56 - 119
Total Protein (Serum/Biuret)	7.72	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.90	gm/dL	3.5 - 5.2
Globulin (Serum/Derived)	3.82	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.02		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	150.8	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	74.6	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500


INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	45.0	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	90.9	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	14.9	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	105.8	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol.
 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.


E.SUKANTHI RANI
 Sr.Lab Tech




DR SUPRAJA B MD
 Consultant Pathologist
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Investigation	Observed Value	Unit	Biological Reference Interval
Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	3.4		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	1.7		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	2		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
<u>Glycosylated Haemoglobin (HbA1c)</u>			
HbA1C (Whole Blood/Ion exchange HPLC by D10)	7.9	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 % , Fair control : 7.1 - 8.0 % , Poor control >= 8.1 %

Estimated Average Glucose (Whole Blood) 180.03 mg/dL

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations. Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency, hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

IMMUNOASSAY

Prostate specific antigen - Total(PSA) (Serum/Manometric method)	1.34	ng/mL	Normal: 0.0 - 4.0 Inflammatory & Non Malignant conditions of Prostate & genitourinary system: 4.01 - 10.0 Suspicious of Malignant disease of Prostate: > 10.0
--	------	-------	---

INTERPRETATION: Analytical sensitivity: 0.008 - 100 ng/mL

PSA is a tumor marker for screening of prostate cancer. Increased levels of PSA are associated with prostate cancer and benign conditions like bacterial infection, inflammation of prostate gland and benign hypertrophy of prostate/ benign prostatic hyperplasia (BPH).

Transient elevation of PSA levels are seen following digital rectal examination, rigorous physical activity like bicycle riding, ejaculation within 24 hours.

PSA levels tend to increase in all men as they age.

Clinical Utility of PSA:

- In the early detection of Prostate cancer.
- As an aid in discriminating between Prostate cancer and Benign Prostatic disease.
- To detect cancer recurrence or disease progression.

E. Sukanthi Rani
E.SUKANTHI RANI
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Investigation

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/
Chemiluminescent Immunometric Assay
(CLIA))

Observed Value

Unit

Biological Reference Interval

1.25

ng/ml

0.4 - 1.81

INTERPRETATION:

Comment :

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Tyroxine) - Total (Serum/
Chemiluminescent Immunometric Assay
(CLIA))

8.63

µg/dL

4.2 - 12.0

INTERPRETATION:

Comment :

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) (Serum
/Chemiluminescent Immunometric Assay
(CLIA))

4.62

µIU/mL

0.35 - 5.50

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5

2 nd trimester 0.2-3.0

3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment :

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

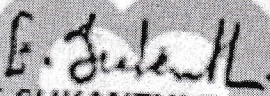
2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations.

3.Values&lt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.


CLINICAL PATHOLOGY

Urine Analysis - Routine

Parameter	Observed Value	Unit	Biological Reference Interval
Colour (Urine)	Pale Yellow		Yellow to Amber
Appearance (Urine)	Clear		Clear
Protein (Urine)	Negative		Negative
Glucose (Urine)	Negative		Negative
Puś Cells (Urine)	2-3	/hpf	NIL
Epithelial Cells (Urine)	1-2	/hpf	NIL


 E.SUKANTHI RANI
 Sr.Lab Tech




 DR SUPRAJA B MD
 Consultant Pathologist
 Reg NO - 95961

Name : Mr. SANKARA VELAYUTHAM T
PID No. : MED121727149
SID No. : 623005834
Age / Sex : 55 Year(s) / Male
Ref. Dr : MediWheel

Register On : 11/03/2023 11:02 AM
Collection On : 11/03/2023 11:32 AM
Report On : 11/03/2023 2:17 PM
Printed On : 13/03/2023 1:05 PM
Type : OP

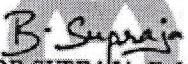


<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
RBCs (Urine)	Nil	/hpf	NIL

-- End of Report --


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