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- Dr. Ajay R Kaushik
- Dr. Andrea Jose
- Dr. Archana Terasa P.
- Dr. Ashvaya Nayaka T.E.
- Dr. Ashwin Segi
- Dr. Chitra Ramamurthy
- Dr. Fijo Kuralkose
- Dr. Gautam Kukadia
- Dr. Gitansha Shreyas Sachdev
- Dr. Gopal R.
- Dr. Gopinathan G.S.
- Dr. Hemanth Murthy
- Dr. iris
- Dr. Jalinder Singh
- Dr. Jezeela K.
- Dr. Krishnan R.
- Dr. Maimunnisa M.
- Dr. Mariula
- Dr. Mohamed Falzal S.
- Or, Mugdha Kumar
- Dr. Muralidhar R.
- Dr. Muralidhar N.S.
- Dr. Nagesh
- Dr. Naveon P.
- Dr. Neha Prakash Zanjal
- Dr. Neha Rathi Kemal
- Dr. Nibaal Ahmed F.D.
- Dr. Patil Sandip Dattstray
- Dr. Pavithra
- Dr. Praburam Niranjan G
- Dr. Pranessh Raw
- Dr. Praveen Muraly
- Dr. Preethi
- Dr. Priyanka R.
- Dr. Priyanka Anandamoorthi
- Dr. Priyanka Shyam
- Dr. Priyanka Singh
- Dr. Raline Solomon
- Dr. Ramamurthy D.
- Dr. Dr. b. a. M. f. of
- Dr. Rashmita Kukadia
- Dr. Ravi J.
- Dr. Rifky Kamil K.
- Dr. Sagar Basu
- Dr. Sahana Manish
- Dr. Sakthi Rajeswari N.
- Dr. Sethukkarasi
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- Dr. Shreyas Ramamurthy
- Dr. Smithe Sharma
- Dr. Soundarya B.
- Dr. Srinivas Rao V.K.
- Dr. Suchieta Jennil P
- Dr. Sumanth
- Dr. Swathi Baliga
- Dr. Taméarasi S.
- Dr. Thenarasun S.A.
- Dr. Umesh Krishna
- Dr. Uma M.
- Dr. Vaishnavi M.
- Dr. Varnsi K.
- Dr. Vidhya N.
- Dr. Vijay Kumar S. Dr. Visalatchi



# 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.

Date: 16 (01/24

### **Eye Fitness Certificate**

This is to certify that Mr/Mrs/Ms. Ananthan R Age 38
--

Male/Female, our MRNO 13042067

	OD	OS
Visual Acuity	6/6	-2.5 6/6
Near Vision	Na	N
Colour Vision	Nov	vel
B.S.V	þr.	erent
Central Fields	No	mel
Anterior Segment	- N	Smal
Fundos	2	onual

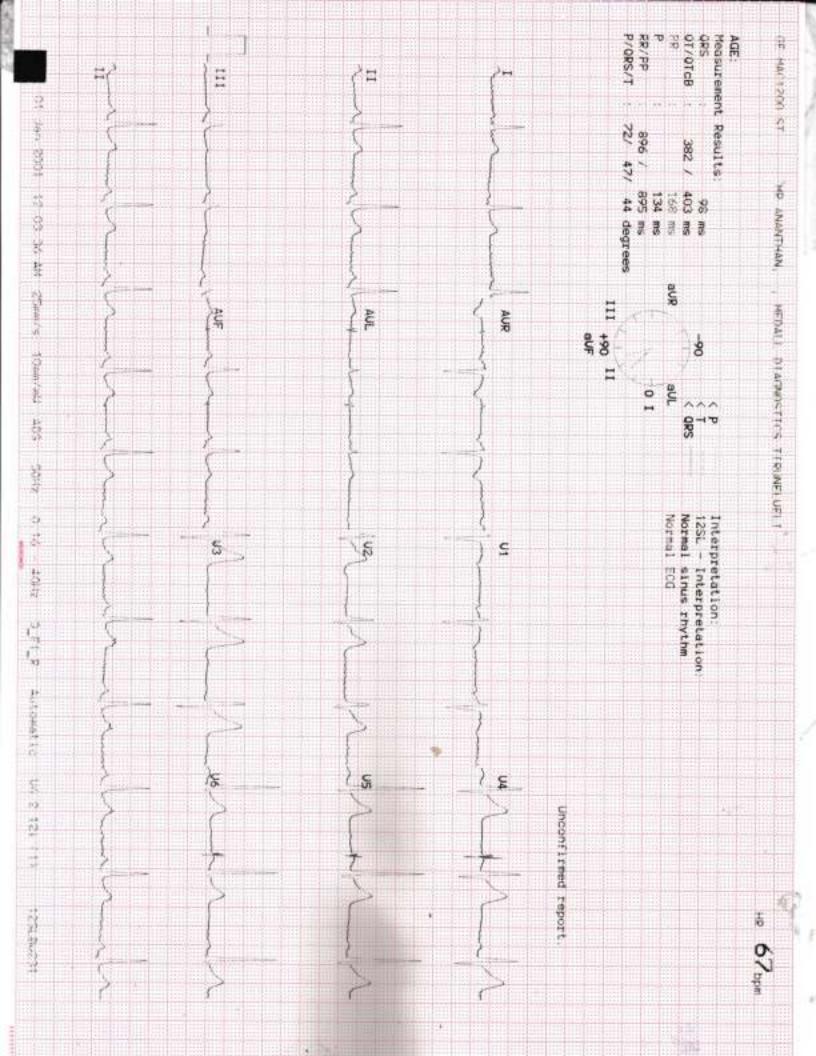


Medical Consultant,
The Eye Foundation, MOHARES FACAL 1985, 00, FACE
Tirunelveli.

THE EYE FOUNDATION
Tirunelveli

BRANCHES : Tirupur, Bengaluru - Bellandur & Chamrajpet, Kochi, Ooty, Coonoor, Methypalayam, Sungam - CBE,





#### MEDICAL EXAMINATION REPORT Ananethein M/F Date of Birth Gender Name Identification marks Position Selected For HISTORY: 1. Do you have, or are you being treated for, any of the following coeditions? (please tick all that apply)? High Blood Pressure Cancer Anxiety High Cholesterol Depression/ bipolar disorder Arthritis Migraine Headaches Diabetes Asthama, Bronchitis, Emphysema Sinusitis or Allergic Rhinitis Heart Disease Back or spinal problems (Hay Fever) Any other serious problem for Epilepsy which you are receiving medical attention 2. List the medications taken Regularly. 3. List allergies to any known medications or chemicals No w Occasional 4. Alcohol: Quit(more than 3 years) 5. Smoking: Yes No L 6. Respiratory Function: a. Do you become unusually short of breath while walking fast or taking stair - case? b. Do you usually cough a lot first thing in morning? Yes Yes c. Have you vomited or coughed out blood? 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) Vigrous 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 8. Hearing: a. Do you have history of hearing troubles? Yes Yes b. Do you experiences ringing in your ears? Yes c. Do you experience discharge from your ears? d. Have you ever been diagnosed with industrial deafness? Yes 9. Musculo - Skeletal History Have you ever injured or experienced pain? Yes a. Neck : If Yes; approximate date (MM/YYYY) b. Back : Yes Consulted a medical professional ? c. Shoulder, Elbow, Writs, Hands Yes Resulted in time of work? d. Hips, Knees, Ankles, Legs Surgery Required ? Yes Ongoing Problems ? Yes

	10. Function History			
	<ul> <li>Do you have back pair</li> <li>d. Do'you have pain or d</li> </ul>	n when squatting or knee n when forwarding or twis ifficulty when lifting object	ling ? sting? ds above your shoulder height?	Yes No V Yes No V Yes No V Yes No V
	Page 1. A specific properties appropriate response.  Walking: Yes No.  Climbing: Yes No.  Standing: Yes No.  f. Do you have pain who	•Kneeling : •Sitting : •Bending : en working with hand tool by difficulty operating made	Yes No	Yes No
3.	CLINICAL EXAMINATION		2	Pulse: Ho
	a. Height [7] Chest measurements:	b. Weight 89.6	b. Expanded	30/ 32 mmhg
	Waist Circumference	-	Ear, Nose & Throat	Normal
	Skin	Normal	Respiratory System	Normal
	Vision	Normal	Nervous System	Normal
	Circulatory System	Normal	Genito- urinary System	Normal
	Gastro-intestinal System	Normal	Colour Vision	Normal
c.	REMARKS OF PATHOLO	and the same of th	ECG	Normal
	Chest X -ray	Normal	Urine routine	Normal
	Complete Blood Count	14.6	Blood sugar	98.0p.p.16
	Serum cholesterol	202:4		0.89
-	Blood Group CONCLUSION:	B/parti	Ve S.Creatinine	0.01
D.	Any further investigations r	equired '	Any precautions suggested	
			- 7	
			9	
E	Certified that the above	named recruit does not autional weakness or	appear to be suffering from a bodily informity except _ ider this as disqualification for em	
	Candidate is fre		communicable disease	

vate: 16. 23

Or.S. MANIKANDAN, M.D., D.M., L.J.
Reg.No: 81785, Consultant Cardiologi...
Medall Diagnostica
Tirunelveli - 3,

Ref. Dr : MediWheel Type : OP

<u>Investigation</u>	Observed Value	<u>Unit</u>	<b>Biological Reference Interval</b>
<b>IMMUNOHAEMATOLOGY</b>			
<b>BLOOD GROUPING AND Rh TYPING</b> (Blood /Agglutination)	'B' 'Positive'		
<b>HAEMATOLOGY</b>			
Complete Blood Count With - ESR			
Haemoglobin (Blood/Spectrophotometry)	14.6	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	38.7	%	42 - 52
RBC Count (Blood/Impedance Variation)	4.92	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (Blood/ Derived from Impedance)	78.5	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	29.6	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	35.2	g/dL	32 - 36
RDW-CV(Derived from Impedance)	13.7	%	11.5 - 16.0
RDW-SD(Derived from Impedance)	37.64	fL	39 - 46
Total Leukocyte Count (TC) (Blood/ Impedance Variation)	5570	cells/cu.mm	4000 - 11000
<b>Neutrophils</b> (Blood/Impedance Variation & Flow Cytometry)	45.2	%	40 - 75
<b>Lymphocytes</b> (Blood/Impedance Variation & Flow Cytometry)	39.5	%	20 - 45
<b>Eosinophils</b> (Blood/Impedance Variation & Flow Cytometry)	8.9	%	01 - 06
<b>Monocytes</b> (Blood/Impedance Variation & Flow Cytometry)	5.4	%	01 - 10
<b>Basophils</b> (Blood/Impedance Variation & Flow Cytometry)	1.0	%	00 - 02
<b>INTERPRETATION:</b> Tests done on Automated microscopically.	Five Part cell counter. A	ll abnormal resu	ılts are reviewed and confirmed
Absolute Neutrophil count (Blood/ Impedance Variation & Flow Cytometry)	2.52	10^3 / μΙ	1.5 - 6.6
Absolute Lymphocyte Count (Blood/ Impedance Variation & Flow Cytometry)	2.20	10^3 / μΙ	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/ Impedance Variation & Flow Cytometry)	0.50	10^3 / μΙ	0.04 - 0.44
Absolute Monocyte Count (Blood/ Impedance Variation & Flow Cytometry)	0.30	10^3 / μΙ	< 1.0





Ref. Dr : MediWheel Type : OP

<u>Investigation</u>	Observed Value	<u>Unit</u>	<b>Biological Reference Interval</b>
<b>Absolute Basophil count</b> (Blood/Impedance Variation & Flow Cytometry)	0.06	10^3 / μΙ	< 0.2
Platelet Count (Blood/Impedance Variation)	196	10^3 / μΙ	150 - 450
MPV (Blood/Derived from Impedance)	9.5	fL	7.9 - 13.7
PCT(Automated Blood cell Counter)	0.19	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	42	mm/hr	< 15
<b>BIOCHEMISTRY</b>			
BUN / Creatinine Ratio	10.4		
<b>Glucose Fasting (FBS)</b> (Plasma - F/GOD-PAP)	98.0	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 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

Negative

One of the property of the

#### **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)	Negative		Negative
<b>Blood Urea Nitrogen (BUN)</b> (Serum/Urease UV / derived)	9.3	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.89	mg/dL	0.9 - 1.3
Uric Acid (Serum/Enzymatic)	4.4	mg/dL	3.5 - 7.2
<u>Liver Function Test</u>			
Bilirubin(Total) (Serum)	1.20	mg/dL	0.1 - 1.2
<b>Bilirubin(Direct)</b> (Serum/Diazotized Sulfanilic Acid)	0.43	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.77	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	29.0	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum)	43.8	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	27.5	U/L	< 55





Ref. Dr : MediWheel Type : OP

<u>Investigation</u>	<b>Observed Value</b>	<u>Unit</u>	Biological Reference Interval
Alkaline Phosphatase (SAP) (Serum/ Modified IFCC)	82.4	U/L	53 - 128
Total Protein (Serum/Biuret)	7.20	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.10	gm/dL	3.5 - 5.2
Globulin (Serum/Derived)	3.10	gm/dL	2.3 - 3.6
A: GRATIO (Serum/Derived)	1.32		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	202.4	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	251.3	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)	38.0	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	114.1	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	50.3	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	164.4	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.





Name : Mr. ANANTHAN R Register On : 16/01/2024 9:28 AM PID No. : MED122403011 Collection On : 16/01/2024 9:54 AM SID No. : 624001267 Report On : 18/01/2024 8:15 AM Age / Sex : 38 Year(s) / Male : 20/01/2024 4:55 PM **Printed On** 

Ref. Dr : MediWheel Type : OP

Investigation **Observed Value** Unit **Biological Reference Interval** Total Cholesterol/HDL Cholesterol Ratio 5.3 Optimal: < 3.3 (Serum/Calculated) 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 6.6 Optimal: < 2.5 (TG/HDL) (Serum/Calculated) Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0 Optimal: 0.5 - 3.0 LDL/HDL Cholesterol Ratio (Serum/ 3 Calculated) Borderline: 3.1 - 6.0 High Risk: > 6.0 Glycosylated Haemoglobin (HbA1c) **HbA1C** (Whole Blood/Ion exchange HPLC by 6.0 % Normal: 4.5 - 5.6 D10) 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) 125.5 ma/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**

#### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/ 1.00 na/ml 0.7 - 2.04Chemiluminescent Immunometric Assay

(CLIA))

#### 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/ 6.48 μg/dl 4.2 - 12.0

Chemiluminescent Immunometric Assay

(CLIA))

#### 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.





Ref. Dr : MediWheel Type : OP

<u>Investigation</u> <u>Observed Value</u> <u>Unit</u> <u>Biological Reference Interval</u>

TSH (Thyroid Stimulating Hormone) (Serum 6.15 μIU/mL 0.35 - 5.50

/Chemiluminescent Immunometric Assay

(CLIA))

#### **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&amplt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

### **CLINICAL PATHOLOGY**

#### **Urine Analysis - Routine**

ormo maryoto moutino			
Colour (Urine)	Pale Yellow		Yellow to Amber
Appearance (Urine)	Clear		Clear
Protein (Urine)	Negative		Negative
Glucose (Urine)	Negative		Negative
Pus Cells (Urine)	2-4	/hpf	NIL
Epithelial Cells (Urine)	1-2	/hpf	NIL
RBCs (Urine)	Nil	/hpf	NIL

-- End of Report --





Name	MR.ANANTHAN R	ID	MED122403011
Age & Gender	38Y/MALE	Visit Date	16 Jan 2024
Ref Doctor Name	MediWheel		

### Thanks for your reference

## ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d ... 4.6cm LVID s ... 2.8cm EF ... 70% ... 1.1 cm IVS d ... 1.0cm IVS s LVPW d ... 0.8cm LVPW s ... 1.5cm LA ... 2.8cm ΑO ... 2.9cm ... 26mm TAPSE IVC ... 1.2cm

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.

## Doppler:

Mitral valve : E: 0.86m/s A: 0.58m/s

Name	MR.ANANTHAN R	ID	MED122403011
Age & Gender	38Y/MALE	Visit Date	16 Jan 2024
Ref Doctor Name	MediWheel	-	

E/A Ratio: 1.47 E/E: 11.76

Aortic valve: AV Jet velocity: 1.42m/s

Tricuspid valve: TV Jet velocity: 2.01 m/s TRPG: 16.21

mmHg.

Pulmonary valve: PV Jet velocity: 1.26m/s

# **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.MANIKANDANMD.DM.(Cardio)
Cardiologist

Name	MR.ANANTHAN R	ID	MED122403011
Age & Gender	38Y/MALE	Visit Date	16 Jan 2024
Ref Doctor Name	MediWheel		

Thanks for your reference

# **SONOGRAM REPORT**

### WHOLE ABDOMEN

Poor penetration of USG due to thick abdominal wall

Liver: The liver is normal in sizeParenchymal echoes are increased in

intensity. No focal lesions. Surface is smoot There is no intra or

extra

hepatic biliary ductal dilatation

Gallbladder The gall bladder is partially distended with no demonstrable calculus.

Wall thickness appears normal.

Pancreas The pancreas shows a normal configuration and echotexture.

The pancreatic duct is normal.

Spleen The spleen is normal.

Kidneys The right kidney measures 9.6 x 4.2 cm. Normal architecture.

The collecting system is not dilated.

The left kidney measures 10.1 x 4.5 cm. Normal architecture.

The collecting system is not dilated.

Urinary

bladder. The urinary bladder is smooth walled and uniformly trans onic.

There is no intravesical mass or calculus.

Name	MR.ANANTHAN R	ID	MED122403011
Age & Gender	38Y/MALE	Visit Date	16 Jan 2024
Ref Doctor Name	MediWheel	•	

Prostate: The prostate measures 3.6 x 2.8 x 2.5 cm and is normal sized.

Corresponds to a weight of about 14.12 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**

Mild fatty changes in liver

DR.T.ANNIE STALIN MBBS.,F.USG., SONOLOGIST.

Name	Mr. ANANTHAN R	Customer ID	MED122403011
Age & Gender	38Y/M	Visit Date	Jan 16 2024 9:28AM
Ref Doctor	MediWheel		

# Thanks for your reference

# **DIGITAL X- RAY CHEST PA VIEW**

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Bilateral lung fields appear normal.

Both costophrenic angles appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

# **IMPRESSION:**

• NO SIGNIFICANT ABNORMALITY DEMONSTRATED.

Page 1 of 1