Ref. Dr : MediWheel Type : OP

<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval
IMMUNOHAEMATOLOGY			
BLOOD GROUPING AND Rh TYPING (Blood /Agglutination)	'A' 'Positive'		
<u>HAEMATOLOGY</u>			
Complete Blood Count With - ESR			
Haemoglobin (Blood/Spectrophotometry)	12.81	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	39.31	%	37 - 47
RBC Count (Blood/Impedance Variation)	04.56	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (Blood/ Derived from Impedance)	86.12	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	28.06	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	32.58	g/dL	32 - 36
RDW-CV(Derived from Impedance)	10.2	%	11.5 - 16.0
RDW-SD(Derived from Impedance)	30.74	fL	39 - 46
Total Leukocyte Count (TC) (Blood/ Impedance Variation)	6960	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	47.00	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	43.20	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	03.50	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	05.80	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	00.50	%	00 - 02
INTERPRETATION: Tests done on Automated microscopically.	I Five Part cell counter. A	All abnormal resi	ults are reviewed and confirmed
Absolute Neutrophil count (Blood/ Impedance Variation & Flow Cytometry)	3.27	10^3 / μΙ	1.5 - 6.6
Absolute Lymphocyte Count (Blood/ Impedance Variation & Flow Cytometry)	3.01	10^3 / μΙ	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/ Impedance Variation & Flow Cytometry)	0.24	10^3 / μΙ	0.04 - 0.44
Absolute Monocyte Count (Blood/ Impedance Variation & Flow Cytometry)	0.40	10^3 / μΙ	< 1.0







Ref. Dr : MediWheel Type : OP

<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval
Absolute Basophil count (Blood/Impedance Variation & Flow Cytometry)	0.03	10^3 / μΙ	< 0.2
Platelet Count (Blood/Impedance Variation)	273	10^3 / μΙ	150 - 450
MPV (Blood/Derived from Impedance)	07.42	fL	8.0 - 13.3
PCT(Automated Blood cell Counter)	0.20	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	18	mm/hr	< 20
BIOCHEMISTRY			
BUN / Creatinine Ratio	13.7		
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	81.9	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
Glucose Postprandial (PPBS) (Plasma - PP/	124.2	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)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.2	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.67	mg/dL	0.6 - 1.1
Uric Acid (Serum/Enzymatic)	2.8	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum)	0.70	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.15	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.55	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	42.9	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum)	39.3	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	43.3	U/L	< 38







Ref. Dr : MediWheel Type : OP

<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval
Alkaline Phosphatase (SAP) (Serum/ Modified IFCC)	44.9	U/L	42 - 98
Total Protein (Serum/Biuret)	7.71	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.6	gm/dL	3.5 - 5.2
Globulin (Serum/Derived)	4.11	gm/dL	2.3 - 3.6
A: GRATIO (Serum/Derived)	0.88		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	166.2	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	95.5	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)	32.1	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	115	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	19.1	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	134.1	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.







Ref. Dr : MediWheel Type : OP

Investigation Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	Observed Value 5.2	<u>Unit</u>	Biological Reference Interval 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)	3		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/ Calculated)	3.6		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/Ion exchange HPLC by D10)	5.2	%	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) 102.54 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

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/ 1.14 ng/ml 0.7 - 2.04 Chemiluminescent 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/ 8.39 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 5.34 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&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

Colour (Urine) Appearance (Urine)	Pale yellow Slightly Turbid		Yellow to Amber Clear
Protein (Urine)	Trace		Negative
Glucose (Urine)	Negative		Negative
Pus Cells (Urine)	5-6	/hpf	NIL
Epithelial Cells (Urine)	2-3	/hpf	NIL
RBCs (Urine)	Nil	/hpf	NIL

-- End of Report --







Name	MRS.MUTHU LEKSHMI N	ID	MED121821361
Age & Gender	35Y/FEMALE	Visit Date	22 Apr 2023
Ref Doctor Name	MediWheel		

Thanks for your reference

ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d ... 4.6 cm LVID s ... 2.9 cm ... 67 % EF IVS d ... 0.9 cm IVS s ... 1.0 cm LVPW d ... 0.9 cm LVPW s ... 1.6 cm ... 3.0 cm LA ... 2.8 cm AO TAPSE ... 22m m IVC ... 0.8cm

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: 0.75 m/s A:0.58 m/s

Name	MRS.MUTHU LEKSHMI N	ID	MED121821361
Age & Gender	35Y/FEMALE	Visit Date	22 Apr 2023
Ref Doctor Name	MediWheel		

E/A Ratio:1.30 E/E: 9.82

Aortic valve: AV Jet velocity: 1.74 m/s

Tricuspid valve: TV Jet velocity:1.71 m/s

TRPG:11.75mmHg.

Pulmonary valve: PV Jet velocity:1.32 m/s

IMPRESSION:

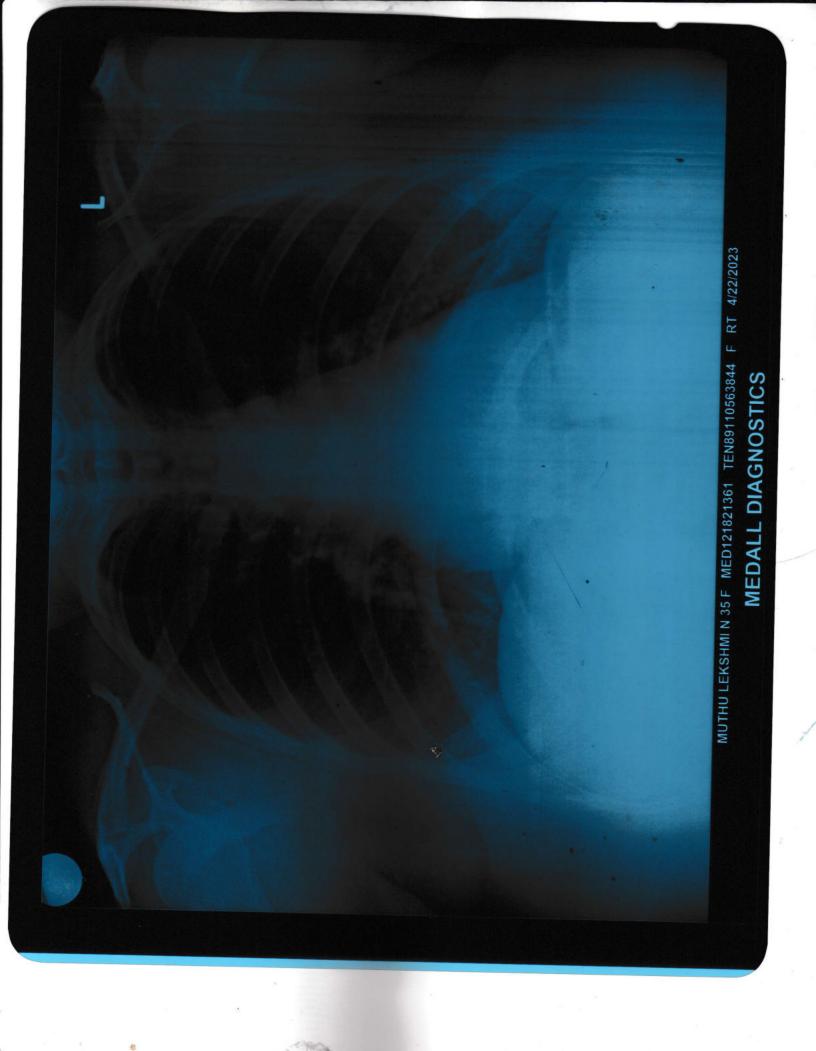
1. Normal chambers & Valves.

- 2. No regional wall motion abnormality present.
- 3. Normal LV systolic function.
- 4. Pericardial effusion Nil.

5. No pulmonary artery hypertension.

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

Name	MRS.MUTHU LEKSHMI N	ID	MED121821361
Age & Gender	35Y/FEMALE	Visit Date	22 Apr 2023
Ref Doctor Name	MediWheel		



Name	MRS.MUTHU LEKSHMI N	ID	MED121821361
Age & Gender	35Y/FEMALE	Visit Date	22 Apr 2023
Ref Doctor Name	MediWheel		

Thanks for your reference

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 10.5 x 4.1 cm. Normal architecture.

The collecting system is not dilated.

The left kidney measures 10.2 x 4.9 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.

Name	MRS.MUTHU LEKSHMI N	ID	MED121821361
Age & Gender	35Y/FEMALE	Visit Date	22 Apr 2023
Ref Doctor Name	MediWheel		

Uterus: The uterus is anteverted, and measures 7.1 x 5.3 x 3.7 cm.

Myometrial echoes are homogeneous.

The endometrium is central and normal measures 11 mm in

thickness.

Ovaries: The right ovary measure 2.7 x 1.9 cm.

The left ovary measures 2.7 x 2.3 cm.

No significant mass or cyst is seen in the ovaries.

Parametria are free.

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 I fatty liver.

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

Name	MRS.MUTHU LEKSHMI N	ID	MED121821361
Age & Gender	35Y/FEMALE	Visit Date	22 Apr 2023
Ref Doctor Name	MediWheel		

MEDICAL EXAMINATION REPORT

	Name MUTHU LEKSHMI	. N Gender M / F Date of B	Birth 25-0	9-1987
	Position Selected For	Identification marks	[40 0	
	I II OTO TO	A STATE OF THE STA		1000
A.	HISTORY:			The state of the s
	1. Do you have, or are you being to	reated for, any of the following coeditions	? (please tick a	all that apply)?
	Anxiety	Cancer	High Blood Pre	essure
	Arthritis	Depression/ bipolar disorder	High Cholester	ol .
	Asthama, Bronchitis, Emphysei		Migraine Head	aches
	Back or spinal problems		Sinusitis or Alle	ergic Rhinitis
	Epilepsy	Any other serious problem for which you are receiving medical attenti	(Hay Fever) ion	
	2. List the medications taken Regu	ularly.	~	
	3. List allergies to any known med	ications or chemicals	-	
	4. Alcohol : Yes No	Occasional		237473134
				The apply to
		Quit(more than 3 years)		
	6. Respiratory Function :			longer pla
	Do you become unusually short	of breath while walking fast or taking stair - ca	se? 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 & Phys	ical Activity :		11-25-4-12-12-2
	a. Exercise Type: (Select 1)			
	 No Activity 			
	 Very Light Activity (Seated At D 			
	 Light Activity (Walking on level s 			
	 Moderate Activity (Brisk walking 			a the terms
	 Vigrous Activity (Soccer, Runnir 	ng)		
	b. Exercise Frequency: Regular (I	ess than 3 days/ week) / Irregular (more tha	an 3 days/ Wee	k)
	c. Do you feel pain in chest when e		Yes	No
	8. Hearing :		.00	No _
	 a. Do you have history of hearing t 	roubles?	Yes	No
	 b. Do you experiences ringing in you 	our ears?	Yes	No
	 c. Do you experience discharge from 	om your ears?	Yes	No
	d. Have you ever been diagnosed	with industrial deafness?	Yes	No
	9. Musculo - Skeletal History	•		
	a. Neck : b. Back :	Have you ever injured or experienced pain?	Yes	No
	c. Shoulder, Elbow, Writs, Hands	If Yes; approximate date (MM/YYYY) Consulted a medical professional?	Yes	No
	d. Hips, Knees, Ankles, Legs	Resulted in time of work?	Yes	No No
		Surgery Required ?	Yes	No
	(1900)	Ongoing Problems ?	Yes	No

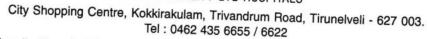
	ry□		
a. Do you have	pain or discomfort when lifting of	or handling heavy objects?	Yes No
	knee pain when squatting or kn		Yes No
	back pain when forwarding or to		Yes No
d. Do you have	pain or difficulty when lifting obj	jects above your shoulder height?	Yes No
e. Do you have appropriate re		e following for prolonged periods	s (Please circle
•Walking: Yes		: Yes No Squati	ing: Yes No
•Climbing : Yes		Yes No	1
•Standing: Yes		: Yes No	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	pain when working with hand to		Yes No
	rience any difficulty operating m		Yes No
h. Do you have	difficulty operating computer ins	strument?	Yes No
CLINICAL EXAMI	STATE OF STA		Pulse - 86
a. Height	b. Weight 837	Blood Pressure	10 160 mmhg
Chest measureme		b. Expanded	
Waist Circumferen	nce	Ear, Nose & Throat□	
Skin		Respiratory System	
Vision		Nervous System	
Circulatory System	n	Genito- urinary System	10
Gastro-intestinal S		Colour Vision	
Discuss Particulars of Section B			di la
REMARKS OF P	ATHOLOGICAL TESTS:		130,413
REMARKS OF P. Chest X -ray		ECG	
Complete Blood Co	ount	Urine routine	
Serum cholesterol		Blood sugar	
Blood Group		S.Creatinine	_
CONCLUSION:		J.J. Cottiniio	25 (A) 1 (A)
Any further investig		Any precautions suggested	
	-		
			- 20,193
FITNESS CERTIF	-ICATION		
		ot appear to be suffering from a	ıny disease communi
Certified that the	above named recruit does no		ny disease communic
	above named recruit does no constitutional weakness of	or bodily informity except _	*
Certified that the	above named recruit does no constitutional weakness of		*
Certified that the or otherwise,	above named recruit does no constitutional weakness of land land land land land land land land	or bodily informity exceptnsider this as disqualification for em	*
Certified that the or otherwise,	above named recruit does no constitutional weakness of	or bodily informity exceptnsider this as disqualification for em	*

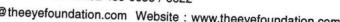
Dr.S. MANIKANDAN, MD DM (Contra)



THE EYE FOUNDATION

SUPER SPECIALITY EYE HOSPITALS







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Dr. Abiramasundari D Dr. Adarsh S Naik Dr. Ajay R Kaushik Dr. Andrea Jose Dr. Ashraya Nayaka T.E Dr. Ashwin Segi			Date: 22/04
Dr. Aylette Jude Dsilva	Le d	Eye Fitness Certificate	
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	This is to certify that Mr/Mr	S/Ms muthulakehm	2 . N ,Age 35/F
Dr. Hameed Obedulla			,
Dr. Hemanth Murthy Dr. Hemamalini	Male/Female, our MRNO.13	02017/	
Dr. Iris	1,11410()		
Dr. Jatinder Singh			
Dr. Jezeela K.		OD	OS
Dr. Khalid Lateef Dr. Krishnan R.	7		
Dr. Maimunnisa M.	Visual Acuity -	0.25D.Cx106./6.	- 050 MID- [//
Dr. Manjula			62. a. D h. (& 0 b. / . 6.
Dr. Mohamed Faizal S.	Near Vision	N6	. 1
Dr. Mohd Shahbaaz			N.6
Dr. Mugdha Kumar Dr. Muralidhar R.	Colour Vision	. /	,
Dr. Muralidhar N.S.	Colour Vision	Normal	Narmal
Dr. Nagesh	D.C.	0	
Dr. Nikitha	B.S.V	Mormal	Normal
Dr. Pranessh Ravi			M.O.T.mal
Dr. Praveen Muraly Dr. Preethi	Central Fields	Normal	0
Dr. Priyanka R.			Normal
Dr. Priyanka Shyam	Anterior Segment	1	
Dr. Priyanka Singh	Amerior Segment	Normal	mornal.
Dr. Raline Solomon	г .	1	
Dr. Ramamurthy D. Dr. Rashmita Kukadia	Fundus	Normal	piormal
Dr. Rathinasamy V.			New man
Dr. Ravi J.			
Dr. Romit Salian	Fit with glasses		
Dr. Sagar Basu Dr. Sahana Manish			•
Dr. Sakthi Rajeswari N.	Fit without glasses		
Shreesh Kumar K.			
Dr. Shreyas Ramamurthy	unnt		
Dr. Shylesh Dabke			
Dr. Soundarya B. Dr. Srinivas Rao V.K.			¥ 1
Dr. Sumanth	//		

Medical Consultant, The Eye Koundation, Tirunelyelf.

Dr. PATIL SANDIP DATTATRAY MBBS, M.S, (OPHTHAL) REG. No : G 59864 THE EYE FOUNDATION TIRUNELVELI.

Dr. Vishnu Kuppusamy Pounraju

Dr. Sunitha

Dr. Sushma Poojary

Dr. Thenarasun S.A. Dr. Umesh Krishna

Dr. Vaishnavi M.

Dr. Vamsi K.

Dr. Vidhya N. Dr. Vijay Kumar S.

Dr. Visalatchi

Dr. Swathi Baliga Dr. Tamilarasi S.

Name	MUTHU LEKSHMI N	Customer ID	MED121821361
Age & Gender	35Y/F	Visit Date	Apr 22 2023 9:47AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

Impression: No significant abnormality detected.

Dr. Anitha Adarsh Consultant Radiologist