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- Dr. Adarsh S Naik
- Dr. Ajay R Kaushik
- Dr. Andrea Jose
- Dr. Archana Terasa P.
- Dr. Ashraya Nayaka T.E.
- Dr. Ashwin Segi-
- Dr. Chitra Ramamurthy
- Dr. Gautam Kukadia
- Dr. Gitansha Shreyas Sachdev
- Dr. Gopal R.
- Dr. Gopinathan G.S.
- Dr. Hemanth Murthy
- Dr. Hemamalini
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- Dr. Jatinder Singh
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- Dr. Manjula
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- Dr. Muralidhar N.S.
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- Dr. Naveen P.
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- Dr. Neha Rathi Kamal
- Dr. Nihaal Ahmed F.D.
- Dr. Patil Sandip Dattetray
- Dr. Pranessh Ravi
- Dr. Prayeen Muraly
- Dr. Preethi
- Dr. Priyanka R.
- Dr. Priyanka Shyam
- Dr. Priyanka Singh
- Dr. Raline Solomon
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- Dr. Uma M.
- Dr. Vaishnavi M.
- Dr. Vamsi K.
- Dr. Vidhya N.
- Dr. Vijay Kumar S.



THE EYE FOUNDATION

SUPER SPECIALITY EYE HOSPITALS



Tel: 0462 435 6655 / 6622

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

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



Date: 23/12/23

Eye Fitness Certificate

This is to certify that Mr/Mrs/Ms Muthu Kujhnan Age 4

Male/Female, our MRNO 13040972

homal

normal

Anterior Segment

Visual Acuity

Near Vision

Colour Vision

Central Fields

B.S.V

Fundus

OS

Momal Present

nome

Medical Consultant The Eye Foundation. Tirunelveli 6

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

BRANCHES: Tirupur, Bengalury - Bellandur & Ch

MEDICAL EXAMINATION REPORT "Multukrifuer Gender Name M/F Date of Birth Position Selected For Identification marks A. HISTORY: Do you have, or are you being treated for, any of the following coeditions? (please tick all that apply)? Anxiety Cancer High Blood Pressure Arthritis Depression/bipolar disorder High Cholesterol Asthama, Bronchitis, Emphysema Diabetes Migraine Headaches Back or spinal problems Heart Disease Sinusitis or Allergic Rhinitis (Hay Fever) Epilepsy 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: No L Occasional Quit(more than 3 years) Smoking: Yes No 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 c. Have you vomited or coughed out blood? Yes 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? No 8. Hearing: a. Do you have history of hearing troubles? Yes b. Do you experiences ringing in your ears? Yes c. Do you experience discharge from your ears? Yes d. Have you ever been diagnosed with industrial deafness? Yes Musculo - Skeletal History a. Neck : Have you ever injured or experienced pain? Yes b. Back : If Yes; approximate date (MM/YYYY) Consulted a medical professional ? Yes c. Shoulder, Elbow, Writs, Hands d. Hips, Knees, Ankles, Legs Resulted in time of work? Yes Surgery Required ? Yes No Ongoing Problems ? Yes No

 a. Do you have pain o 	r discomfort when lifting	or handling heavy objects?	V
 b. Do you have knee ; 	pain when squatting or k	meeling?	Yes No
c. Do you have back ;	pain when forwarding or	twisting?	Yes No V
d. Do you have pain o	r difficulty when lifting o	bjects above your shoulder heig	ht? Yes No
 e. Do you have pain appropriate respons 	when doing any of the	he following for prolonged peri	ods (Please circle
•Walking Yes N	•Kneeling	g: Yes □ No □ •Squ	iating: Yes No
*Climbing: Yes N	Sitting:	Yes No	iating: Yes No
·Standing: Yes N	•Bending		
f. Do you have pain w	hen working with hand t		🗆 🗖
	any difficulty operating n		Yes No
 h. Do you have difficult 			Yes No
. CLINICAL EXAMINATION	N_:		tulse: 20
a. Height [7-1	b. Weight (03	Blood Pressure	100 00
Chest measurements:	a. Normal	b. Expanded	120 / Sto 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	Norma		Normal
Discuss Persoulars of Section B			
REMARKS OF PATHOLO	GICAL TESTS:		
Chest X -ray	Normal	ECG	Normal
Complete Blood Count	15-8	Urine routine	Normal
Serum cholesterol	250	Blood sugar	F. 73.P.D-110
Blood Group	A postiv	2 S.Creatinine	0.80
CONCLUSION : Any further investigations re			0.00
rary rotation investigations re	quired	Any precautions suggested	
N.	0	NO	
FITNESS CERTIFICATION			
Certified that the above na	med recruit does not	appear to be suffering from an	arten fa e ro a esta estado non voca esta esta esta esta esta esta esta est
or otherwise, constitut	lonal marketing	and the second of the second o	ny disease communicable
era annenami rasinina		bodily informity except	
	. I do not consid	der this as disqualification for emp	loyment in the Company. :
Candidate le free	from Contents - 10		
	nom Contagious/Co	mmunicable disease	/
		*	
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10. Function History

Dr.S. MANIKANDAN, M.B., D.M., ICard.
Reg.No.: 61785, Consultant Cardiolo...
Medall Diagriostics
Tirunelyaii

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'		
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (Blood/Spectrophotometry)	15.8	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	42.5	%	42 - 52
RBC Count (Blood/Impedance Variation)	5.11	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (Blood/ Derived from Impedance)	83.2	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	31.0	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	35.2	g/dL	32 - 36
RDW-CV(Derived from Impedance)	12.6	%	11.5 - 16.0
RDW-SD(Derived from Impedance)	36.69	fL	39 - 46
Total Leukocyte Count (TC) (Blood/ Impedance Variation)	6340	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	45.1	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	44.1	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	4.0	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	6.0	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	0.8	%	00 - 02
INTERPRETATION: Tests done on Automated microscopically.	Five Part cell counter. A	ıll abnormal resu	ults are reviewed and confirmed
Absolute Neutrophil count (Blood/ Impedance Variation & Flow Cytometry)	2.86	10^3 / μΙ	1.5 - 6.6
Absolute Lymphocyte Count (Blood/ Impedance Variation & Flow Cytometry)	2.80	10^3 / μΙ	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/ Impedance Variation & Flow Cytometry)	0.25	10^3 / μΙ	0.04 - 0.44
Absolute Monocyte Count (Blood/ Impedance Variation & Flow Cytometry)	0.38	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)	0.05	10^3 / μΙ	< 0.2
Platelet Count (Blood/Impedance Variation)	268	10^3 / μl	150 - 450
MPV (Blood/Derived from Impedance)	8.3	fL	7.9 - 13.7
PCT(Automated Blood cell Counter)	0.22	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	14	mm/hr	< 15
BIOCHEMISTRY			
BUN / Creatinine Ratio	10.5		
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	73	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/GOD-PAP)	110	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)	8.41	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.80	mg/dL	0.9 - 1.3
Uric Acid (Serum/Enzymatic)	3.8	mg/dL	3.5 - 7.2
Liver Function Test			
Bilirubin(Total) (Serum)	0.80	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.30	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.50	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	38	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum)	29	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	23.7	U/L	< 55







Ref. Dr : MediWheel Type : OP

<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval
Alkaline Phosphatase (SAP) (Serum/ Modified IFCC)	120	U/L	53 - 128
Total Protein (Serum/Biuret)	7.0	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.0	gm/dL	3.5 - 5.2
Globulin (Serum/Derived)	3.00	gm/dL	2.3 - 3.6
A: GRATIO (Serum/Derived)	1.33		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	250	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	223	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)	50	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	155.4	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	44.6	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	200.0	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	<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)	4.5		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/ Calculated)	3.1		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)	5.3	%	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) 105.41 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) 0.44 ng/mL Normal: 0.0 - 4.0

(Serum/Manometric method)

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:

an 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.







Ref. Dr : MediWheel Type : OP

Investigation Observed Value Unit Biological Reference Interval

THYROID PROFILE / TFT

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

1.51

ng/mL

0.7 - 2.04

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/ 5.20 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.

TSH (Thyroid Stimulating Hormone) (Serum 2.03 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 RMI

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.

/hpf

NIL

CLINICAL PATHOLOGY

Urine Analysis - Routine

Epithelial Cells (Urine)

Yellow to Amber Colour (Urine) Pale yellow Clear Appearance (Urine) Clear Protein (Urine) Negative Negative Glucose (Urine) Negative Negative NIL Pus Cells (Urine) 3 - 4 /hpf

2 - 3







: MediWheel Type : OP

InvestigationObserved ValueUnitBiological Reference IntervalRBCs (Urine)Nil/hpfNIL

-- End of Report --



Ref. Dr





Name	MR.MUTHU KRISHNAN G	ID	MED121503988
Age & Gender	43Y/MALE	Visit Date	23 Dec 2023
Ref Doctor Name	MediWheel	•	

Thanks for your reference

ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d ... 4.6 cm LVID s ... 2.9 cm EF ... 67 % IVS d ... 1.1 cm IVS s ... 1.3 cm LVPW d ... 1.1 cm LVPW s ... 1.5 cm ... 3.1 cm LA ΑO ... 3.4 cm ... 23mm TAPSE IVC ... 1.0 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.

Doppler:

Mitral valve : E: 0.69 m/s A: 0.54 m/s

Name	MR.MUTHU KRISHNAN G	ID	MED121503988
Age & Gender	43Y/MALE	Visit Date	23 Dec 2023
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E/A Ratio: 1.27 E/E: 6.86

Aortic valve: AV Jet velocity: 1.29 m/s

Tricuspid valve: TV Jet velocity: 2.42 m/s TRPG: 23.34 mmHg.

Pulmonary valve: PV Jet velocity: 1.09 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.MANIKANDANMD.DM.(Cardio)
Cardiologist

Name	MR.MUTHU KRISHNAN G	ID	MED121503988
Age & Gender	43Y/MALE	Visit Date	23 Dec 2023
Ref Doctor Name	MediWheel	-	

Name	MR.MUTHU KRISHNAN G	ID	MED121503988
Age & Gender	43Y/MALE	Visit Date	23 Dec 2023
Ref Doctor Name	MediWheel	-	-

Thanks for your reference

SONOGRAM REPORT

WHOLE ABDOMEN

Liver: The liver is normal in siz(15.9cm). Parenchymal echoes are

increased irintensity. No focal lesions. Surface is smootlihere 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 11.3 x6.6 cm. Normal architecture.

The collecting system is not dilated.

The left kidney measures 13.2 x 6.8 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	MR.MUTHU KRISHNAN G	ID	MED121503988
Age & Gender	43Y/MALE	Visit Date	23 Dec 2023
Ref Doctor Name	MediWheel	-	

Prostate: The prostate measures 3.3 x 2.8 x 2.7 cm and is normal sized.

Corresponds to a weight of about 13.55 gms.

The echotexture is homogeneous. The seminal vesicles are normal.

There is no free or loculated peritoneal fluid. No para aortic lymphadenopathy is seen.

IMPRESSION

Grade I fatty liver

DR.A. SUJA RAJAN., DMRD, DNB Consultant Radiologist Reg. No.106909.

Name	Mr. MUTHU KRISHNAN G	Customer ID	MED121503988
Age & Gender	43Y/M	Visit Date	Dec 23 2023 10:43AM
Ref Doctor	MediWheel		

Thanks for your reference

DIGITAL X- RAY CHEST PA VIEW

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Costo and cardiophrenic angles appear normal.

Bilateral lung fields appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

IMPRESSON:

i. NO SIGNIFICANT ABNORMALITY DEMONSTRATED.

Dr.A.Suja Rajan DMRD., DNB., Consultant Radiologist