PID No.
 : MED122506498
 Register On
 : 09/03/2024 9:08 AM

 SID No.
 : 522404003
 Collection On
 : 09/03/2024 10:25 AM

 Age / Sex
 : 52 Year(s) / Male
 Report On
 : 09/03/2024 5:04 PM

 Type
 : OP
 Printed On
 : 11/03/2024 1:07 PM

Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination) INTERPRETATION: Note: Slide method is scre	'O' 'Positive'	ly confirm with Tube meth	nod for transfusion.
Complete Blood Count With - ESR	C		
Haemoglobin (EDTA Blood/Spectrophotometry)	16.1	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	47.2	%	42 - 52
RBC Count (EDTA Blood)	5.39	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood)	87.6	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	29.9	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	34.2	g/dL	32 - 36
RDW-CV	13.7	%	11.5 - 16.0
RDW-SD	42.4	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	9700	cells/cu.mm	4000 - 11000
Neutrophils (Blood)	56.3	%	40 - 75
Lymphocytes (Blood)	31.1	%	20 - 45
Eosinophils (Blood)	2.1	%	01 - 06
Monocytes	9.5	%	01 - 10







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(Blood)

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Basophils (Blood)	1.0	%	00 - 02
INTERPRETATION: Tests done on Automated l	Five Part cell count	er. All abnormal results a	are reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	5.5	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	3.0	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.2	$10^3 / \mu$ l	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.9	$10^3 / \mu$ l	< 1.0
Absolute Basophil count (EDTA Blood)	0.1	$10^3 / \mu$ l	< 0.2
Platelet Count (EDTA Blood)	315	$10^3 / \mu$ l	150 - 450
MPV (Blood)	8.0	fL	7.9 - 13.7
PCT (Automated Blood cell Counter)	0.251	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	8	mm/hr	< 20
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	141.30	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)	Trace		Negative
(Urine - F/GOD - POD)			
Glucose Postprandial (PPBS)	298.31	mg/dL	70 - 140
(Plasma - PP/GOD-PAP)			







The results pertain to sample tested.

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

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
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	6.0	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.78	mg/dL	0.9 - 1.3

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin, cefazolin, ACE inhibitors, angiotensin II receptor antagonists, N-acetylcyteine, chemotherapeutic agent such as flucytosine etc.

Uric Acid (Serum/Enzymatic) Liver Function Test	6.12	mg/dL	3.5 - 7.2
Bilirubin(Total) (Serum/DCA with ATCS)	0.97	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.33	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.64	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	22.52	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	37.43	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	39.95	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	100.7	U/L	56 - 119







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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Total Protein (Serum/Biuret)	6.86	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.49	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.37	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.89		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	224.81	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	149.13	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 õusualö"circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	45.53	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	149.5	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	29.8	mg/dL	< 30







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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Non HDL Cholesterol (Serum/Calculated)	179.3	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.

Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	4.9	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)	3.3	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	3.3	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)

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

Estimated Average Glucose 188.64 mg/dL

(Whole Blood)







The results pertain to sample tested.

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InvestigationObservedUnitBiologicalValueReference Interval

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.

Prostate specific antigen - Total(PSA)

1.33

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

THYROID PROFILE / TFT

(Serum/Manometric method)

T3 (Triiodothyronine) - Total 1.32 ng/ml 0.4 - 1.81

(Serum/ECLIA)

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 8.05 $\mu g/dl$ 4.2 - 12.0

(Serum/ECLIA)

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) 3.44 µIU/mL 0.35 - 5.50

(Serum/ECLIA)







APPROVED BY

The results pertain to sample tested.

Page 6 of 10

 PID No.
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<u>Investigation</u>	Observed Unit	<u>Biological</u>
	<u>Value</u>	Reference Interval

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.

PHYSICAL EXAMINATION (URINE COMPLETE)

Colour	Amber	Yellow to Amber
(Urine) Appearance (Urine)	Clear	Clear
Volume(CLU) (Urine)	30	
<u>CHEMICAL EXAMINATION (</u> <u>COMPLETE)</u>	<u>(URINE</u>	
pH (Urine)	5.0	4.5 - 8.0
Specific Gravity (Urine)	1.021	1.002 - 1.035
Ketone (Urine)	Negative	Negative
Urobilinogen (Urine)	Normal	Normal
Blood (Urine)	Negative	Negative
Nitrite (Urine)	Negative	Negative







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PID No. : MED122506498 Register On : 09/03/2024 9:08 AM : 522404003 Collection On : 09/03/2024 10:25 AM SID No. Age / Sex : 52 Year(s) / Male Report On : 09/03/2024 5:04 PM **Type** : OP **Printed On** : 11/03/2024 1:07 PM

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<u>Investigation</u>	<u>Observed</u> <u>Unit</u> <u>Value</u>	<u>Biological</u> <u>Reference Interval</u>
Bilirubin (Urine)	Negative	Negative

Negative Negative Protein

(Urine)

Glucose **Trace** Negative

(Urine/GOD - POD)

Leukocytes(CP) Negative

(Urine)

MICROSCOPIC EXAMINATION (URINE COMPLETE)

NIL Pus Cells 0-1/hpf

(Urine)

NIL **Epithelial Cells** 0-1 /hpf

(Urine)

RBCs NIL NIL /hpf

(Urine)

NIL Others

(Urine)

INTERPRETATION: Note: Done with Automated Urine Analyser & Automated urine sedimentation analyser. All abnormal reports are reviewed and confirmed microscopically.

NIL /hpf NIL Casts

(Urine)

NIL NIL Crystals /hpf

(Urine)







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Investigation Observed <u>Unit</u> **Biological Value** Reference Interval BUN / Creatinine Ratio 6.0 - 22.0 7.6





PID No. : MED122506498 SID No.

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: OP

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Investigation **Observed** Value

<u>Unit</u>

Biological Reference Interval

URINE ROUTINE





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-- End of Report --

Name	MR.PALAKSHA K	ID	MED122506498
Age & Gender	52Y/MALE	Visit Date	09 Mar 2024
Ref Doctor Name	MediWheel	-	

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size (13.3 cm) and shows increased echogenicity. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER is partially distended and shows few calculi ranging in size 3-5 mm. No pericholecystic fluid/wall thickness. CBD is not dilated.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN shows normal shape, size and echopattern.

KIDNEYS

Right kidney: Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

Left kidney: Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows:

•	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	10.1	1.5
Left Kidney	11.3	1.6

URINARY BLADDER is minimally distended.

PROSTATE: Visualized prostate appears normal. It measures 4.0 x 3.1 x 3.3 cms, Vol. 22.1 cc.

No evidence of ascites.

IMPRESSION:

- Grade I fatty infiltration of liver
- Cholelithiasis. No IHBRD.
- Suggested clinical correlation.

Name	MR.PALAKSHA K	ID	MED122506498
Age & Gender	52Y/MALE	Visit Date	09 Mar 2024
Ref Doctor Name	MediWheel	-	

DR. HEMANANDINI V.N CONSULTANT RADIOLOGIST

Hn/Mi

Name	MR.PALAKSHA K	ID	MED122506498
Age & Gender	52Y/MALE	Visit Date	09 Mar 2024
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHIC STUDY

M-mode measurement:

AORTA 2.32 cms. LEFT ATRIUM 2.52 cms. **AVS** 1.47 cms. LEFT VENTRICLE (DIASTOLE) 3.91 cms. (SYSTOLE) 2.18 cms. **VENTRICULAR SEPTUM** (DIASTOLE) 1.44 cms. (SYSTOLE) 1.54 cms. POSTERIOR WALL (DIASTOLE) 1.28 cms. (SYSTOLE) 1.08 cms. **EDV** 66 ml. **ESV** ml. 18 FRACTIONAL SHORTENING 38 % **EJECTION FRACTION** 55 % % *** **EPSS** cms. **RVID** 1.80 cms.

DOPPLER MEASUREMENTS:

MITRAL VALVE: E 0.6 m/s A 0.8m/s NO MR.

AORTIC VALVE: 1.1 m/s NO AR.

TRICUSPID VALVE: E 0.3 m/s A 0.4 m/s NO TR.

PULMONARY VALVE: 0.8 m/s NO PR.

Name	MR.PALAKSHA K	ID	MED122506498
Age & Gender	52Y/MALE	Visit Date	09 Mar 2024
Ref Doctor Name	MediWheel	-	

2D ECHOCARDIOGRAPHY FINDINGS:

Left Ventricle : Concentric LVH, Normal systolic function EF 55%.

No regional wall motion abnormalities.

Left Atrium : Normal.

Right Ventricle : Normal.

Right Atrium : Normal.

Mitral Valve : Normal. No mitral valve prolapsed.

Aortic Valve : Normal. Trileaflet.

Tricuspid Valve : Normal.

Pulmonary Valve : Normal.

IAS : Intact.

IVS : Intact.

Pericardium : No pericardial effusion.

IMPRESSION: FAIR ECHO WINDOW

- CONCENTRIC LVH.
- GRADE I DIASTOLIC DYSFUNCTION.
- NORMAL LV SYSTOLIC FUNCTION. EF: 55 %.
- NO REGIONAL WALL MOTION ABNORMALITIES.
- NORMAL VALVES.
- NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

DR. YASHODA RAVI CONSULTANT CARDIOLOGIST

Name	MR.PALAKSHA K	ID	MED122506498
Age & Gender	52Y/MALE	Visit Date	09 Mar 2024
Ref Doctor Name	MediWheel		

Name	Mr. PALAKSHA K	Customer ID	MED122506498
Age & Gender	52Y/M	Visit Date	Mar 9 2024 9:07AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Patient rotation is noted.

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral perihilar bronchovascular markings are prominent.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

IMPRESSION:

• No significant abnormality detected.

Dr. Hemanandini Consultant Radiologist

and.vd

Regn. No. 4364A

Mob: 98454 91190

98450 06782 MARUTHI DENTAL CARE

144, 11th ¢ross, Malleshwaram, Bengaluru - 560 003

Dr. B. INDUMATHI MARUTHI

Timings: 11 a.m. to 1.30 p.m.

Dental Surgeon

5 p.m. to 8.30 p.m.

Patient Name Dalere	1/20
R	
2	Date : 4 3



OPTICAL STORE

#12 LAKSHMI NILAYA, GROUND FLOOR, 2ND MAIN ROAD, VYALIKAVAL, BENGALURU-560003 PH. 9611444957

yame Palak	gha.	14
Tarre	3.v. bec.	~
Age 52	M	

Ph 8970459037

Chief Complaints

RE / LE / DOV / Blurring / Burning / Itching / Pricking Redness / Headache

Past History

DM the 4-5 Years HTN the-4-5 Years

Asthama — Ve
Others — N.H.

Visual Acuity

		RE		L	E C
Distance / Near	6	6	(0)	6	6 CP
With PH					,
With Glasses	-				

Colour Vision BE= Normal

		RE					
	SPH	CYL	AXIS	SPH	CYL	AXIS	- 1
Distance	0.50		_ 66	0.50	-	_	6/6
Near			App	+2.25			

Advise Diabetic Retiropothy Screening once In a year

RAYLKIUMARH.L.
Rapitomentalist
(Cregitania) to 1819



Patient Name	Palalesha	Date •	9/3/2024
Age	5248	Visit Number	522404003
Sex ·	Male.	Corporate	Midiwheel

GENERAL PHYSICAL EXAMINATION

Identification Mark:

Height: 152

cms

Weight: 33

kgs

Pulse :

/minute

Blood Pressur . 130180

mm of Hg

BMI

BMI INTERPRETATION

Underweight = <18.5

Normal weight = 18.5-24.9

Overweight = 25-29.9

Chest:

Expiration :

cms

Inspiration:

cms

Abdomen Measurement:

cms

Eyes: Refractive Form

Ears:

Throat: NOD

RS: BUNBIR

PA: STATE BIP

Neck nodes: Not palpalle.

CVS: S, S, B

CNS: Congious & alex

No abnormality is detected. His / Her general physical examination is within normal limits.

NOTE: MEDICAL FIT FOR EMPLOYMENT YES / NO

Dr. RITESH RAJ, MBBS General Physician & Diabetologies KMC Reg. No: 85875 CI UMAX DIAGNOSTICS

Signature

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