PID No.
 : MED111465649
 Register On
 : 17/02/2024 8:52 AM

 SID No.
 : 522402665
 Collection On
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 Age / Sex
 : 35 Year(s) / Female
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 : 17/02/2024 5:41 PM

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Ref. Dr : MediWheel

<u>Investigation</u>	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	11.5	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	35.9	%	37 - 47
RBC Count (EDTA Blood)	5.76	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	62.3	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	19.9	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	32.0	g/dL	32 - 36
RDW-CV	15.5	%	11.5 - 16.0
RDW-SD	33.80	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	6300	cells/cu.mm	4000 - 11000
Neutrophils (Blood)	47.4	%	40 - 75
Lymphocytes (Blood)	40.6	%	20 - 45
Eosinophils (Blood)	4.5	%	01 - 06
Monocytes (Blood)	6.3	%	01 - 10
Basophils (Blood)	1.2	%	00 - 02

INTERPRETATION: Tests done on Automated Five Part cell counter. All abnormal results are reviewed and confirmed microscopically.







The results pertain to sample tested.

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Absolute Neutrophil count (EDTA Blood)	2.99	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.56	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.28	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.40	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.08	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	317	10^3 / μl	150 - 450
MPV (Blood)	7.6	fL	8.0 - 13.3
PCT (Automated Blood cell Counter)	0.24	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	65	mm/hr	< 20
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	101.61	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/GOD - POD)	Negative		Negative
Glucose Postprandial (PPBS)	143.32	mg/dL	70 - 140
(Plasma - PP/GOD-PAP)			

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) Negative Negative (Urine - PP)







The results pertain to sample tested.

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	10.2	mg/dL	7.0 - 21
Creatinine (Serum/Modified Inffe)	0.70	mg/dL	0.6 - 1.1

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)	5.44	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.33	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.13	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.20	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	41.24	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	70.17	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	38.63	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	87.7	U/L	42 - 98
Total Protein (Serum/Biuret)	7.20	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.88	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.32	gm/dL	2.3 - 3.6







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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
A : G RATIO (Serum/ <i>Derived</i>)	2.10		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	190.68	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	216.71	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)	28.24	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	119.1	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	43.3	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	162.4	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220







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	Value	Reference Interval

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)

6.8

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 7.7 Optimal: < 2.5

(TG/HDL) Mild to moderate risk: 2.5 - 5.0 (Serum/Calculated) High Risk: > 5.0

LDL/HDL Cholesterol Ratio 4.2 Optimal: 0.5 - 3.0 (Serum/Calculated) Borderline: 3.1 - 6.0 High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)

HbA1C 6.4 % Normal: 4.5 - 5.6 (Whole Blood/HPLC) 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 136.98 mg/dL

(Whole Blood)

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 HbAlC 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 HbAlc.

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.28 ng/ml 0.7 - 2.04 (Serum/ECLIA)







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<u>Investigation</u>	<u>Observed</u> <u>U</u>	<u>nit</u>	<u>Biological</u>
	Value		Reference Interval

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 7.98 μ 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) 2.95 µIU/mL 0.35 - 5.50

(Serum/ECLIA)

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.

PHYSICAL EXAMINATION (URINE

COMPLETE)

Colour	Pale yellow	Yellow to Amber
(Urine)		
Appearance	Clear	Clear
(Urine)		
Volume(CLU)	20	
(Urine)		
CHEMICAL EVAMINATION	(LIDINE	

<u>CHEMICAL EXAMINATION (URINE COMPLETE)</u>

pH 5 4.5 - 8.0 (Urine)







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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Specific Gravity (Urine)	1.011		1.002 - 1.035
Ketone (Urine)	Negative		Negative
Urobilinogen (Urine)	Normal		Normal
Blood (Urine)	Negative		Negative
Nitrite (Urine)	Negative		Negative
Bilirubin (Urine)	Negative		Negative
Protein (Urine)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine)	Negative		
MICROSCOPIC EXAMINATION (URINE COMPLETE)			
Pus Cells (Urine)	0-1	/hpf	NIL
Epithelial Cells (Urine)	2-5	/hpf	NIL
RBCs (Urine)	NIL	/HPF	NIL
Others (Urine)	NIL		
INTERPRETATION: Note: Done with Auto reviewed and confirmed microscopically.	mated Urine Analyser	& Automated urine sed	limentation analyser. All abnormal reports are
Casts	NIL	/hpf	NIL







APPROVED BY

(Urine)

PID No. : MED111465649

SID No. : 522402665

Age / Sex : 35 Year(s) / Female

Type : OP

Ref. Dr : MediWheel

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 $\begin{array}{c|cccc} Investigation & Observed & Unit & Biological \\ \hline Value & Reference Interval \\ Crystals & NIL & /hpf & NIL \\ (Urine) & & NIL & \\ \end{array}$







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Investigation Observed Value

BUN / Creatinine Ratio 14.6

Biological Reference Interval

6.0 - 22.0



<u>Unit</u>



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InvestigationObservedUnitBiologicalValueReference Interval

URINE ROUTINE





-- End of Report --

Name	MRS.PRIYANKA R	ID	MED111465649
Age & Gender	35Y/FEMALE	Visit Date	17 Feb 2024
Ref Doctor Name	MediWheel	-	

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is mildly enlarged in size and shows increased echogenicity has uniform echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER is partially distended. CBD is not dilated.

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

SPLEEN show 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	9.9	1.4
Left Kidney	11.1	1.2

URINARY BLADDER show normal shape and wall thickness. It has clear contents. No evidence of diverticula.

UTERUS is retroverted and shows suspicious arcuate morphology. It has uniform myometrial echopattern. Endometrial echo is of normal thickness - 11.0 mm.

Uterus measures LS: 5.4 cms AP: 5.1 cms TS: 5.2 cms.

OVARIES are normal in size, shape and echotexture

Right ovary measures 2.6 x 1.7 cm Left ovary measures 2.5 x 1.6 cm

POD & adnexa are free.

No evidence of ascites.

IMPRESSION:

- Mild hepatomegaly with grade I to II fatty infiltration.
- No other significant abnormality detected.

Name	MRS.PRIYANKA R	ID	MED111465649
Age & Gender	35Y/FEMALE	Visit Date	17 Feb 2024
Ref Doctor Name	MediWheel		

DR. HEMANANDINI V.N CONSULTANT RADIOLOGIST

Hn/Mi

Name	MRS.PRIYANKA R	ID	MED111465649
Age & Gender	35Y/FEMALE	Visit Date	17 Feb 2024
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHIC STUDY

M-mode measurement:

AORTA 2.30 cms. LEFT ATRIUM 2.61 cms. **AVS** 1.47 cms. LEFT VENTRICLE (DIASTOLE) 4.10 cms. (SYSTOLE) 2.31 cms. **VENTRICULAR SEPTUM** (DIASTOLE) 0.80 cms. (SYSTOLE) 1.25 cms. **POSTERIOR WALL** (DIASTOLE) 0.85 cms. (SYSTOLE) 1.08 cms. **EDV** 74 ml. **ESV** 34 ml. FRACTIONAL SHORTENING 38 % **EJECTION FRACTION** 60 % **EPSS** cms. **RVID** 1.80 cms.

DOPPLER MEASUREMENTS:

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

AORTIC VALVE: 1.1 m/s NO AR.

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

PULMONARY VALVE: 0.8 m/s NO PR.

Name	MRS.PRIYANKA R	ID	MED111465649
Age & Gender	35Y/FEMALE	Visit Date	17 Feb 2024
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2D ECHOCARDIOGRAPHY FINDINGS:

Left Ventricle : Normal size, Normal systolic function.

: 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:

- NORMAL SIZED CARDIAC CHAMBERS.
- NORMAL LV SYSTOLIC FUNCTION. EF: 60 %.
- NO REGIONAL WALL MOTION ABNORMALITIES.
- NORMAL VALVES.
- NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

DR. YASHODA RAVI CONSULTANT CARDIOLOGIST

Name	MRS. PRIYANKA R	Customer ID	MED111465649
Age & Gender	35Y/F	Visit Date	Feb 17 2024 8:51AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Patient rotation is noted.
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. Hemanandini Consultant Radiologist



Patient Name	Priyanka	Date	171212024
Age	35485	Visit Number	52240266
Sex	Fereale	Corporate	Medi wheel

GENERAL PHYSICAL EXAMINATION

607 325	1000 CONTROL OF			
Ide	htifica	tion	Mark	:

Height:

cms

Weight: 60 CC

kgs

/minute

Blood Pressure: 120 700 mm of Hg

BMI : 19.8.

BMI INTERPRETATION

Underweight = <18.5

Normal weight = 18.5-24.9Overweight = 25-29.9

Chest:

Expiration:

cms

Inspiration:

cms

Abdomen Measurement : 89 am

cms

inmally Ears: Oll

CNS:

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

NOTE: MEDICAL FIT FOR EMPLOYMENT YES / NO

Signature

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