PID No.
 : MED121503926
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 SID No.
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 Age / Sex
 : 41 Year(s) / Female
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Investigation HAEMATOLOGY	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	11.6	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	36.2	%	37 - 47
RBC Count (EDTA Blood)	3.84	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	94.3	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	30.1	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	32.0	g/dL	32 - 36
RDW-CV	14.4	%	11.5 - 16.0
RDW-SD	47.53	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	5700	cells/cu.mm	4000 - 11000
Neutrophils (Blood)	58.0	%	40 - 75
Lymphocytes (Blood)	32.8	%	20 - 45
Eosinophils (Blood)	3.2	%	01 - 06
Monocytes (Blood)	5.2	%	01 - 10



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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Basophils	0.8	%	00 - 02
(Blood)			
INTERPRETATION: Tests done on Automated Five	Part cell counter. All	abnormal results are i	reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	3.31	10^3 / μΙ	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	1.87	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.18	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.30	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.05	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	338	10^3 / μl	150 - 450
MPV (Blood)	8.0	fL	8.0 - 13.3
PCT (Automated Blood cell Counter)	0.27	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	16	mm/hr	< 20



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
BIOCHEMISTRY			
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.45	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.19	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.26	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i>)	11.60	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	11.01	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	14.50	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/ <i>Modified IFCC</i>)	68.0	U/L	42 - 98
Total Protein (Serum/Biuret)	6.50	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.47	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.03	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	2.20		1.1 - 2.2



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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	161.04	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	112.24	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.

r · · · · · · · · · · · · · · · · · · ·			
HDL Cholesterol (Serum/Immunoinhibition)	43.24	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	95.4	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	22.4	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	117.8	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220



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

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 3.7 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

High Risk: > 11.0

Additional State of the Property of the

Triglyceride/HDL Cholesterol Ratio

(TG/HDL)

(Serum/Calculated)

2.6

Optimal: < 2.5

Mild to moderate risk: 2.5 - 5.0

High Risk: > 5.0

LDL/HDL Cholesterol Ratio 2.2 Optimal: 0.5 - 3.0

(Serum/Calculated)
Borderline: 3.1 - 6.0
High Risk: > 6.0

Dr Anusha.K.S Sr.Consultant Pathologist Reg No : 100674

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Ref. Dr : MediWheel

InvestigationObserved ValueUnitBiological Reference IntervalGlycosylated Haemoglobin (HbA1c)6.4%Normal: 4.5 - 5.6
(Whole Blood/HPLC)(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.

Dr Anusha.K.S Sr.Consultant Pathologist Reg No : 100674

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

: 28/11/2022 12:49 PM

IMMUNOASSAY

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.26 ng/ml 0.7 - 2.04

(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 11.97 μg/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.

μIU/mL 0.35 - 5.50TSH (Thyroid Stimulating Hormone) 2.01

(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.



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Ref. Dr : MediWheel

Investigation CLINICAL PATHOLOGY	Observed Unit Value	<u>Biological</u> <u>Reference Interval</u>
PHYSICAL EXAMINATION (URINE COMPLETE)		
Colour (Urine)	Yellow	Yellow to Amber
Appearance (Urine)	Clear	Clear
Volume(CLU) (Urine)	25	
<u>CHEMICAL EXAMINATION (URINE COMPLETE)</u>		
pH (Urine)	5.5	4.5 - 8.0
Specific Gravity (Urine)	1.013	1.002 - 1.035
Ketone (Urine)	Negative	Negative
Urobilinogen (Urine)	Normal	Normal
Blood (Urine)	Negative	Negative
Nitrite (Urine)	Negative	Negative
Bilirubin	Negative	Negative

Negative



(Urine)

Protein (Urine)

Negative

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine)	Negative		
MICROSCOPIC EXAMINATION (URINE COMPLETE)			
Pus Cells (Urine)	0-2	/hpf	NIL
Epithelial Cells (Urine)	0-2	/hpf	NIL
RBCs (Urine)	NIL	/hpf	NIL
Others (Urine)	NIL		

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

Dr Anusha.K.S Sr.Consultant Pathologist Reg No : 100674 APPROVED BY

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InvestigationObservedUnitBiologicalValueReference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING 'A' 'Positive'

(EDTA Blood/Agglutination)

INTERPRETATION: Note: Slide method is screening method. Kindly confirm with Tube method for transfusion.



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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
BUN / Creatinine Ratio	12.3		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	101.30	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)	Negative		Negative
(Urine - F/GOD - POD)			
Glucose Postprandial (PPBS)	118.50	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

Urine Glucose(PP-2 hours)
(Urine - PP)

Blood Urea Nitrogen (BUN)
(Serum/Urease UV / derived)

Creatinine
(Serum/Modified Jaffe)

Negative

Negative

7.0 - 21

0.65 mg/dL
0.6 - 1.1

resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

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 3.28 mg/dL 2.6 - 6.0

(Serum/Enzymatic)



-- End of Report --



Patient Name	Deepa. M.K	Date	26/11/22
Age	2148	Visit Number	522229090
Sex	Female	Corporate	Medi wheel

MEDICAL EXAMINATION REPORT

Height :

162

Weight:

73.6

BMI:

Healthy BMI range: 18.5 kg/m² - 25 kg/m²

Healthy weight for the height: 58.0 kgs - 78.3 kgs

Lose 8.4 kgs to reach a BMI of 25 kg/m².

Ponderal Index: 15.6 kg/m³

Blood Pressure :

104/69

mm of Hg

Pulse

per mt

Chest - Exhale :

cms

Inhale : 84

cms

Abdomen : & H

cms

Eyes:

Noonel

Ears:

Throat:

Normal

Neck Nodes: Not pulp we

CVS:

RS:

CAVA

CNS: NAD

Smoker / Alcoholic:

NO

Weight loss / cough:

NO

H/O Piles / Fever:

Any surgery:

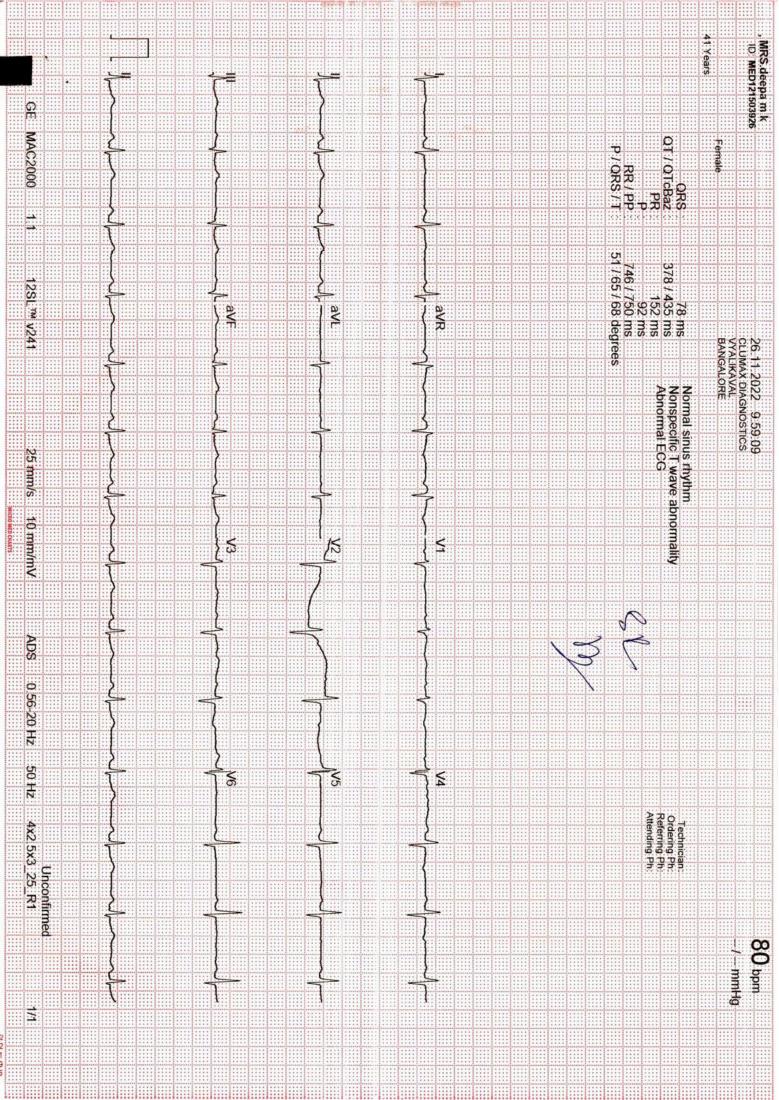
LSES

Medication for DM / HT/ Heart disease :

an.

ILR-S. Sherley, SHANKAR K.R.S Physician signature KMC No: 15130

Please produce bill copy at the time of collecting the reports. Request you to provide your mobile number or customer id during your subsequent visits.



Name	MRS.DEEPA M K	ID	MED121503926
Age & Gender	41Y/FEMALE	Visit Date	26 Nov 2022
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size (14.3cms) and has uniform echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER is contracted.

CBD is of normal calibre.

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

SPLEEN show normal shape, size (10.4cms) and echopattern.

No demonstrable Para-aortic lymphadenopathy.

BOTH 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	1.2
Left Kidney	11.0	1.6

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

UTERUS is anteverted and has normal shape and size. It has uniform myometrial echopattern. Endometrial echo is of normal thickness - 7mm.

Uterus measures LS: 9.5cms AP: 3.8cms TS: 5.4cms.

OVARIES are normal in size, shape and echotexture

Right ovary measures 2.7 x 2.0cms

Left ovary measures 2.7 x 1.9cms

POD & adnexa are free.

No evidence of ascites.

IMPRESSION:

• No significant abnormality detected.

Name	MRS.DEEPA M K	ID	MED121503926
Age & Gender	41Y/FEMALE	Visit Date	26 Nov 2022
Ref Doctor Name	MediWheel		

DR. S K SOMU ELANGOVAN CONSULTANT RADIOLOGIST SKS/an

Name	MRS.DEEPA M K	ID	MED121503926
Age & Gender	41Y/FEMALE	Visit Date	26 Nov 2022
Ref Doctor Name	MediWheel		

ECHO CARDIOGRAPHIC STUDY

M-Mode						
AORTA			29		mm	
LEFT ARTIUM						mm
RIGHT VENTRICLE				24		mm
LEFT VENTRICLE (Diastol	e)			44		mm
LEFT VENTRICLE (Systole)			29		mm
VENTRICULAR SEPTUM (Diastole)			07		mm
POSTERIOR WALL (Diasto	le)			07		mm
END DIASTOLIC VOLUMI	Ξ			86		ml
END SYSTOLIC VOLUME				31		ml
STROKE VOLUME				55		ml
FRACTIONAL SHORTENING				34		%
EJECTION FRACTION				64		%
	DOPPLER / COLOUR FLOW					
MITRAL VALVE	E- 0.8	A -0.6	m/s	e	NO MR	
			c			
AORTIC VALVE	1.0	- m/s		e	NO AR	
c						
TRICUSPID VALVE	m/s		m/s	e	NO TR	
c						
PULMONARY VALVE 0.8 - m/s		e	NO PR			
			c			

Name	MRS.DEEPA M K	ID	MED121503926
Age & Gender	41Y/FEMALE	Visit Date	26 Nov 2022
Ref Doctor Name	MediWheel		

FINDINGS

	THULLION		
LEFT VENTRICLE	SIZE	NORMAL	
	THICKNESS	NORMAL	
LV FUNCTION	REGIONAL WALL MOTION ABNORMALITY	ABSENT	
LEFT ATRIUM	NORMAL		
RIGHT VENTRICLE	NORMAL		
RIGHT ATRIUM	NORMAL		
MITRAL VALVE	NORMAL		
AORTIC VALVE	NORMAL		
PULMONARY VALVE	NORMAL		
TRICUSPID VALVE	NORMAL		
INTER ATRIAL SEPTUM	INTACT		
INTER VENTRICULAR SEPTUM	INTACT		
PERICARDIUM	NORMAL, NO EFFUSION		
GREAT VESSELS	AORTA - NORMAL PULMONARY ARTERY - NORMAL		

CONCLUSION:

- NORMAL CHAMBER DIMENSIONS.
- NORMAL VALVES
- NO REGIONAL WALL MOTION ABNORMALITIES
- NORMAL LV SYSTOLIC FUNCTION.LVEF- 64 %
- NO CLOTS / VEGETATION / PE.

DR NAGESH M B
CONSULTANT
CARDIOLOGIST
(PLEASE CORRELATE WITH ECG & CLINICAL FINDINGS)

Customer Name	MR PADMA PRASAD	Customer ID	MED12119577 5
Age & Gender	Y/MALE	Visit Date	30/07/2022
Ref Doctor	DR. SANJAY H. R	•	

Name	MRS.DEEPA M K	ID	MED121503926
Age & Gender	41Y/FEMALE	Visit Date	26 Nov 2022
Ref Doctor Name	MediWheel		

Name	DEEPA M K	Customer ID	MED121503926
Age & Gender	41Y/F	Visit Date	Nov 26 2022 8:28AM
Ref Doctor	MediWheel		

X – RAY CHEST PA VIEW

\overline{L} UNGS:

Both lung fields are clear. Vascular markings are normal. Tracheal air lucency is normal. No evidence of abnormal hilar opacities. Costophrenic angle recesses are normal.

CARDIA:

Cardia is normal shape and configuration. Diaphragm, Thoracic cage, soft tissues are normal.

IMPRESSION:

• NO SIGNIFICANT DIAGNOSTIC ABNORMALITY.

Dr. Anitha Adarsh Consultant Radiologist