

Customer Name	MRS.LAVANYA K	Customer ID	MED112132322
Age & Gender	34Y/FEMALE	Visit Date	Commence of the second second
Ref Doctor	MediWheel	VISIT Date	29/03/2024

Personal Health Report

General Examination:

Height: 162.0 cms Weight: 80.0 kg BMI: 30.5 kg/m²

BP: 110/70 mmhg Pulse: 93/min, regular

Systemic Examination:

CVS: S1 S2 heard; RS: NVBS+. Abd: Soft. CNS: NAD

Blood report:

ESR- 22 mm/hr - Slightly elevated.

All other blood parameters are well within normal limits. (Report enclosed).

Urine Analysis - Within normal limits.

X-Ray Chest - Normal study.

ECG - Normal study.

ECHO - Normal study.

USG whole abdomen - PCOD.

Eye Test - Distant vision defect.

Vision	Right eye	Left eye
Distant Vision	6/12	6/12
Near Vision	N6	N6
Colour Vision	Normal	Normal





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Impression & Advice:

 $\mbox{ESR-}\mbox{ }22\mbox{ }mm/hr$ - Slightly elevated. To consult general physician for further evaluation and management.

USG whole abdomen -PCOD. To consult gynaecologist for further evaluation and management.

Eye Test - Distant vision defect. To consult an ophthalmologist for further evaluation and management.

All other health parameters are well within normal limits.

DR. NOOR MOHAMMED RIZWAN A. M.B.B.S, FDM

MHC Physician Consultant







PID No. SID No.

Type

: MED112132322

: 224004543

: OP

Age / Sex : 34 Year(s) / Female

Register On

: 29/03/2024 8:47 AM

Collection On : 29/03/2024 12:54 PM

Report On

: 29/03/2024 5:48 PM

Printed On

29/03/2024 5:58 PM

Ref. Dr : MediWheel

Investigation	Observed Value	Unit	Biological Reference Interval
BLOOD GROUPING AND Rh TYPING	'O' 'Positive'		THE STORY OF THE STORY
(EDTA Blood/Agglutination)			
INTERPRETATION: Reconfirm the Blood grou	p and Typing before	e blood transfusion	
Complete Blood Count With - ESR	. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	o 1300 dansiasion	
Haemoglobin (EDTA Blood'Spectrophotometry)	12.7	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	39.0	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	4.69	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	83.0	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	27.1	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	32.6	g/dL	32 - 36
RDW-CV (EDTA Blood/Derived from Impedance)	14.4	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	41.83	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood'Impedance Variation)	6700	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood Impedance Variation & Flow Cytometry)	48.3	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow	42.8	%	20 - 45



Cytometry)



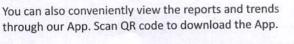




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The results pertain to sample tested.

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Eosinophils (EDTA Blood/Impedance Variation & Flow Cytometry)	2.0	%	01 - 06
Monocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	6.5	%	01 - 10
Basophils (EDTA Blood Impedance Variation & Flow Cytometry)	0.4	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	er. All abnormal results are	reviewed and confirmed microscopically
Absolute Neutrophil count (EDTA Blood'Impedance Variation & Flow Cytometry)	3.24	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	2.87	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.13	10^3 / μΙ	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.44	10^3 / μΙ	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.03	10^3 / μ1	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	288	10^3 / μΙ	150 - 450
MPV (EDTA Blood/Derived from Impedance)	9.3	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.27	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated - Westergren method)	22	mm/hr	< 20





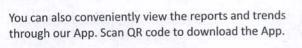




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Glucose Fasting (FBS)

(Plasma - F/GOD-PAP)

Investigation Observed

Value 78.5

Unit

mg/dL

Biological Reference Interval

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

Glucose Postprandial (PPBS)

79.3

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.

(Serum/Modified Jaffe)

0.51

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-acetylcysteine, chemotherapeutic agent such as flucytosine etc.

Uric Acid (Serum/Enzymatic)

3.70

mg/dL

2.6 - 6.0

0.1 - 1.2

0.0 - 0.3

0.1 - 1.0

Liver Function Test

Bilirubin(Total) (Serum/DCA with ATCS)
Bilirubin(Direct)
(Serum/Diazotized Sulfanilic Acid)
Bilirubin(Indirect)
(Serum/Derived)
SCOT/AST (Aspertate

SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)

SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)

0.87

0.15

0.72

21.20

19.8

mg/dL

mg/dL

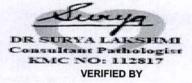
mg/dL

U/L

U/L

5 - 40









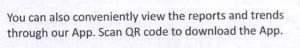


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: 34 Year(s)/ Female

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Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	20.60	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	84.50	U/L	42 - 98
Total Protein (Serum/Biuret)	7.10	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.8	gm/dl	3.5 - 5.2
Globulin Serum/ <i>Derived</i>)	3.30	gm/dL	2.3 - 3.6
A: GRATIO Serum/ <i>Derived</i>)	1.15		1.1 - 2.2
Lipid Profile			
Cholesterol Total Serum/CHOD-PAP with ATCS)	189.30	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides Serum/ <i>GPO-PAP with ATCS</i>)	79.00	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)

59.40

mg/dL

Optimal(Negative Risk Factor): >=

60

Borderline: 50 - 59

High Risk: < 50





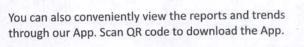




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Ref. Dr

Investigation

LDL Cholesterol

(Serum/Calculated)

: MediWheel

Unit	<u>Biological</u>
	Reference Interva

114.1 mg/dL Optimal: < 100 Above Optimal: 100 - 129

Borderline: 130 - 159 High: 160 - 189 Very High: >= 190

VLDL Cholesterol 15.8 mg/dL < 30 (Serum/Calculated)

129.9

Observed

Value

Non HDL Cholesterol (Serum/Calculated)

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	3.2	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

Triglyceride/HDL Cholesterol Ratio 1.3 (TG/HDL) (Serum/Calculated)

1.9

Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0

Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0

Glycosylated Haemoglobin (HbA1c)

LDL/HDL Cholesterol Ratio

HbA1C (Whole Blood/HPLC)

(Serum/Calculated)

5.4

Normal: 4.5 - 5.6

High Risk: > 6.0

Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5







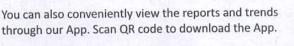


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Name

: Mrs. LAVANYA K

PID No.

Type

Ref. Dr

: MED112132322

SID No.

: MediWheel

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Age / Sex : 34 Year(s) / Female

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Investigation

Observed <u>Value</u>

Unit

Biological Reference Interval

 $INTERPRETATION: If \ Diabetes - Good \ control: 6.1 - 7.0 \ \%, \ Fair \ control: 7.1 - 8.0 \ \%, \ Poor \ control >= 8.1 \ \%$ Estimated Average Glucose

108.28

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 HbA1c.





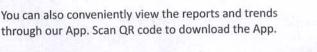




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Investigation	Observed Value	Unit	<u>Biological</u> Reference Interval
Urine Analysis - Routine			Trolorence milerval
COLOUR (Urine)	Pale yellow		Yellow to Amber
APPEARANCE (Urine)	Clear		Clear
Protein (Urine/Protein error of indicator)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Pus Cells (Urine/Automated - Flow cytometry)	0 - 1	/hpf	NIL
Epithelial Cells (Urine/Automated - Flow cytometry)	1-2	/hpf	NIL
RBCs (Urine/Automated - Flow cytometry)	NIL	/HPF	NIL
Casts (Urine/Automated – Flow cytometry)	NIL	/hpf	NIL
Crystals (Urine/Automated - Flow cytometry)	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.





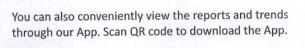
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-- End of Report --

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Name	Mrs. LAVANYA K	Customer ID	MED112132322
Age & Gender	34Y/F	Visit Date	Mar 29 2024 8:46AM
Ref Doctor	MediWheel	2	1VIai 29 2024 6.40AIVI

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: Essentially normal study.

Dr. Rama Krishnan. MD, DNB., Consultant Radiologist. Medall Healthcare Pvt Ltd.





Customer Name	MRS.LAVANYA K	Customer ID	MED112132322
Age & Gender	34Y/FEMALE	Visit Date	29/03/2024
Ref Doctor	MediWheel		

SONOGRAM REPORT

WHOLE ABDOMEN

The liver is normal in size and shows uniform echotexture with no focal abnormality.

The gall bladder is contracted.

There is no intra or extra hepatic biliary ductal dilatation.

The pancreas shows a normal configuration and echotexture. The pancreatic duct is normal.

The portal vein and the IVC are normal.

The spleen is normal.

There is no free or loculated peritoneal fluid.

No para aortic lymphadenopathy is seen.

No abnormality is seen in the region of the adrenal glands.

The right kidney measures ~ 9.4 x 4.7 cm.

The left kidney measures ~ 10.4 x 4.8 cm.

Both kidneys are normal in size, shape and position. Cortical echoes are normal bilaterally.

There is no calculus or calyceal dilatation.

The ureters are not dilated.

The bladder is smooth walled and uniformly transonic. There is no intravesical mass or calculus.

The uterus is anteverted, and measures ~ 9.6 x 3.4 cm.

Myometrial echoes are homogeneous. The endometrial thickness is ~ 9.8 mm.





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The right ovary measures ~ 3.0 x 2.8 x 2.2 cm (Vol ~ 10.4 ml).

The left ovary measures $\sim 3.4 \times 3.3 \times 2.4 \text{ cm}$ (Vol $\sim 16.6 \text{ ml}$).

Polycystic appearing of both ovaries.

Parametria are free.

Iliac fossae are normal.

IMPRESSION:

- · Polycystic appearing of both ovaries Suggested clinical and hormonal correlation.
- No other significant abnormality.

DR. UMAĹAKSHMI SONOLOGIST



Medall Healthcare Pvt Ltd

58/6, Revathy street, Jawarlal nehru road, 100 feet Road, (Former State ElectionCommission Office),

Customer Name	MRS.LAVANYA K	Customer ID	MED112132322
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Customer Name	MRS.LAVANYA K	Customer ID	MED112132322
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ECHOCARDIOGRAPHY

M-MODE MEASUREMENTS:-

<u>VALUES</u>	ALUES	
AO	2.6 cm	
LA	2.8 cm	
LVID(D)	4.6 cm	
LVID (S)	2.9 cm	
IVS (D)	1.1 cm	
LVPW (D)	1.1 cm	
EF	65 %	
FS	35 %	
TAPSE	19 mm	

DOPPLER AND COLOUR FLOW PARAMETERS:-

Aortic Valve Gradient

: V max - 1.39 m/sec

Pulmonary Valve Gradient

V max - 0.96 m/sec

Mitral Valve Gradient

E: 0.83 m/sec

A: 0.65 m/sec

Tricuspid Valve Gradient

E: 0.42 m/sec

VALVE MORPHOLOGY:-

Aortic valve - Normal
Mitral valve - Normal
Tricuspid valve - Normal
Pulmonary valve - Normal





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CHAMBERS		
LEFT ATRIUM	NORMAL	
LEFT VENTRICLE	NORMAL	
RIGHT ATRIUM	NORMAL	
RIGHT VENTRICLE	NORMAL	
INTER ATRIAL SEPTUM	INTACT	
INTERVENTRICULAR SEPTUM	INTACT	

ECHO FINDINGS:

No Regional Wall Motion Abnormality (RWMA) Normal Left Ventricular systolic function, EF 65%. Trivial Mitral Regurgitation / No Mitral Stenosis Mild Aortic Regurgitation /No Aortic Stenosis Trivial Tricuspid Regurgitation (2.3 m/s). Normal RV Function . No Pulmonary Artery Hypertension. No Pericardial Effusion.

IMPRESSION:

* STRUCTURALLY NORMAL HEART.

* NORMAL LEFT VENTRICULAR SYSTOLIC FUNCTION, EF 65%

MOHANRAJ ECHO TECHNOLOGIST



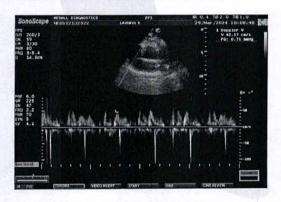
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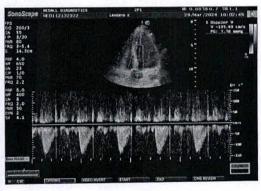
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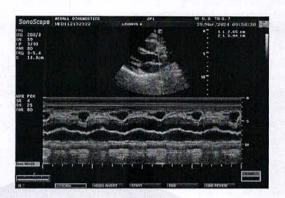
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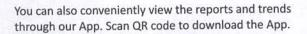














Medall Diagnostic Vadapalani



Age / Gender:

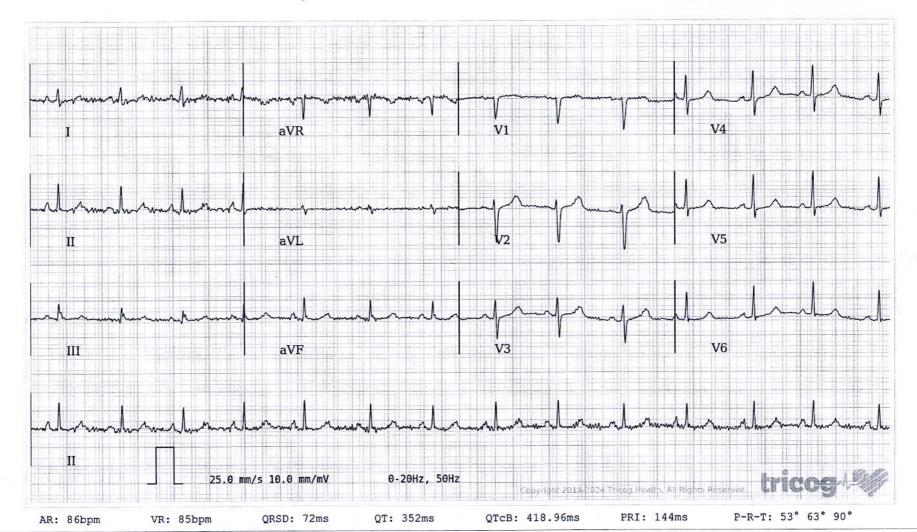
34/Female

Date and Time: 29th Mar 24 9:34 AM

Patient ID:

med112132322

Patient Name: Mrs lavanya k



ECG Within Normal Limits: Sinus Rhythm. Please correlate clinically.



Disclaimer: Analysis in this report is based on ECG alone and should only be used as an adjunct to clinical history, symptoms and results of other invasive and non-invasive tests and must be interpreted by a qualified physician.