

Customer Name	MRS.SHABINA S	Customer ID	MED112110331
Age & Gender	33Y/FEMALE	Visit Date	09/03/2024
Ref Doctor	MediWheel		

## Personal Health Report

#### General Examination:

Height: 157.2cms Weight: 62.9 kg

 $BMI \quad : \quad 25.5 \ kg/m^2$ 

BP: 100/60 mmhg Pulse: 63/min, regular

#### Systemic Examination:

CVS: S1 S2 heard; RS: NVBS +.

Abd : Soft. CNS : NAD

## Blood report:

Haemoglobin- 9.9 g/dl, Packed cell volume (PCV)Haematocrit – 30.8%, Mean corpuscular Volume (MCV) – 72.7 fL, Mean corpuscular Haemoglobin (MCH) – 23.3 pg, – Slightly low.

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

Urine Analysis - Appearance (slightly turbid), pus cells (2-3), epithelial cells (1-2).

USG whole abdomen - Normal study.

X-Ray Chest - Normal study.

ECG - Normal ECG.

ECHO - Normal study.

USG ABDOMEN - Normal study.

Eye Test - Normal study.

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





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## Impression & Advice:

Haemoglobin- 9.9 g/dl, Packed cell volume (PCV)Haematocrit – 30.8%, Mean corpuscular Volume (MCV) – 72.7 fL, Mean corpuscular Haemoglobin (MCH) – 23.3 pg, – Slightly low. Advised to have iron rich diet and iron supplement prescribed by the physician.

Urine Analysis – Appearance (slightly turbid), pus cells (2-3), epithelial cells (1-2)- To consult general physician 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

Dr NOOR MOHAMMAED RIZWAN A MB.B.S., FDM Reg. No : 120325 Consultant Physician A Medall Health Care and Diagnostics Pvt. Ltd.





PID No. : MED112110331 SID No. : 224003488

Register On : 09/03/2024 8:45 AM
Collection On : 09/03/2024 8:57 AM

Age / Sex : 33 Year(s) / Female
Type : OP

Report On : 09/03/2024 5:37 PM Printed On : 09/03/2024 7:42 PM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interva
BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination)	'O' 'Positive'		
INTERPRETATION: Reconfirm the Blood grou	n and Tuning before	hlood transfision	
Complete Blood Count With - ESR	p and Typing before	colood transfusion	
Haemoglobin (EDTA Blood <i>'Spectrophotometry)</i>	9.9	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	30.8	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	4.23	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	72.7	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	23.3	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	32.1	g/dL	32 - 36
RDW-CV (EDTA Blood <i>'Derived from Impedance)</i>	16.7	%	11.5 - 16.0
RDW-SD (EDTA Blood <i>Derived from Impedance)</i>	42.49	fL	39 - 46
Total Leukocyte Count (TC) EDTA Blood Impedance Variation)	6450	cells/cu.mm	4000 - 11000
Neutrophils EDTA Blood' <i>Impedance Variation &amp; Flow</i> Cytometry)	49.3	%	40 - 75
Lymphocytes EDTA Blood Impedance Variation & Flow Cytometry)	40.5	%	20 - 45
Eosinophils EDTA Blood/Impedance Variation & Flow Cytometry)	3.4	%	01 - 06





The results pertain to sample tested.

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Monocytes (EDTA Blood <i>Impedance Variation &amp; Flow</i> Cytometry)	5.9	%	01 - 10
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	0.9	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	er. All abnormal results are	reviewed and confirmed microscopicall
Absolute Neutrophil count EDTA BloodImpedance Variation & Flow Cytometry)	3.18	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count EDTA Blood Impedance Variation & Flow Cytometry)	2.61	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) EDTA Blood Impedance Variation & Flow Cytometry)	0.22	10^3 / μ1	0.04 - 0.44
Absolute Monocyte Count  EDTA Blood Impedance Variation & Flow  Cytometry)	0.38	10^3 / μl	< 1.0
Absolute Basophil count EDTA Blood/Impedance Variation & Flow Cytometry)	0.06	10^3 / μl	< 0.2
Platelet Count EDTA Blood <i>'Impedance Variation)</i>	267	10^3 / μl	150 - 450
MPV EDTA Blood <i>Derived from Impedance)</i>	8.5	fL	8.0 - 13.3
PCT EDTA Blood/Automated Blood cell Counter)	0.23	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) Blood/Automated - Westergren method)	17	mm/hr	< 20
BUN / Creatinine Ratio	8.8		6.0 - 22.0

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Ref. Dr ; MediWheel

Investigation	Observed Value	Unit	Biological Reference Interval
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	84.0	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) (Plasma - PP/GOD-PAP)	86.3	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)	8.1	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.92	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)	4.4	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.45	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.17	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Scrum/Derived)	0.28	mg/dL	0.1 - 1.0





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Investigation	Observed Value	Unit	<u>Biological</u> Reference Interval
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	17.9	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	10.2	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	11.3	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	48.3	U/L	42 - 98
Total Protein (Serum/ <i>Biuret)</i>	6.64	gm/dl	6.0 - 8.0
Albumin (Serum/ <i>Bromocresol green)</i>	4.18	gm/dl	3.5 - 5.2
Globulin (Scrum/ <i>Derived</i> )	2.46	gm/dL	2.3 - 3.6
A : G RATIO (Serum/ <i>Derived</i> )	1.70		1.1 - 2.2
Lipid Profile			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	143.5	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/ <i>GPO-PAP with ATCS</i> )	45.4	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.

Remark: Please correlate clinically.



Dr ARCHANA. K MD Ph.D

Lab Director
TNMC NO: 79967

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Name

: Mrs. SHABINA S

PID No.

Ref. Dr

: MED112110331

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: MediWheel

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
HDL Cholesterol (Serum/Immunoinhibition)	23.4	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	111	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	9.1	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	120.1	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)	6.1	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) (Scrum/Calculated)	1.9	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	4.7	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0

Glycosylated Haemoglobin (HbA1c)



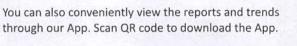
MD Ph.D Lab Director TNMC NO: 79967 APPROVED BY

High Risk: > 6.0

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Lab Address: MEDALL HEALTHCARE PRIVATE LIMITED,#17,RACE VIEW COLONY, 2ND STREET, RACE COURSE ROAD. GUINDY. CHENNAI. TAMIL NADU. INDIA..





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.



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HbA1C (Whole Blood/HPLC)	5.0	%	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)

96.8

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 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.

#### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total

0.71

ng/ml

0.7 - 2.04

(Serum/Chemiluminescent Immunometric Assay (CLIA))

# 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

10.27

µg/dl

4.2 - 12.0

(Serum/Chemiluminescent Immunometric Assay

(CLIA))

(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/Chemiluminescent Immunometric Assay

2.28

µIU/mL

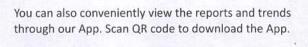
0.35 - 5.50



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Type : OP Ref. Dr : Med

Investigation Observed Unit Biological Value Reference Interval

INTERPRETATION:

Reference range for cord blood - upto 20

: MediWheel

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.

 $3.\text{Values\&amplt;}0.03~\mu\text{IU/mL}$  need to be clinically correlated due to presence of rare TSH variant in some individuals.

**Printed On** 

## Urine Analysis - Routine

COLOUR (Urine)	Pale yellow		Yellow to Amber
APPEARANCE (Urine)	Slightly turbi	d	Clear
Protein (Urine/Protein error of indicator)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Pus Cells (Urine/Automated – Flow cytometry)	2 - 3	/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.



Dr ARCHANA. K MD Ph.D Lab Director TNMC NO: 79967 APPROVED BY

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Name	Mrs. SHABINA S	Customer ID	MED112110331
Age & Gender	33Y/F	Visit Date	Mar 9 2024 8:44AM
Ref Doctor	MediWheel		

# 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

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





Customer Name	MRS.SHABINA S	Customer ID	MED112110331
Age & Gender	33Y/FEMALE	Visit Date	09/03/2024
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#### SONOGRAM REPORT

#### WHOLE ABDOMEN

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

The gall bladder is normal sized and smooth walled and contains no calculus.

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 ~ 9.2 x 4.1 cm.

The left kidney measures ~ 10.2 x 5.2 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 ~ 6.9 x 5.4 x 4.9 cm.

Myometrial echoes are homogeneous. The endometrial thickness is ~ 7.3 mm.





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The right ovary measures ~ 2.3 x 1.7 cm.

The left ovary obscured by bowel gas.

No significant mass or cyst is seen in right ovary.

Parametria are free.

Iliac fossae are normal.

## **IMPRESSION:**

· No significant abnormality.

DR. UMALAKSHMI SONOLOGIST



# Medall Healthcare Pvt Ltd

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

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# **ECHOCARDIOGRAPHY**

## M-MODE MEASUREMENTS:-

<b>VALUES</b>	
AO	2.8 cm
LA	3.4 cm
LVID(D)	4.2 cm
LVID (S)	2.7 cm
IVS (D)	1.0 cm
LVPW (D)	1.0 cm
EF	66 %
FS	36 %
TAPSE	19 mm

# DOPPLER AND COLOUR FLOW PARAMETERS :-

Aortic Valve Gradient

: V max - 1.10 m/sec

Pulmonary Valve Gradient

V max - 0.77 m/sec

Mitral Valve Gradient

: E: 0.68 m/sec

A: 0.45 m/sec

Tricuspid Valve Gradient

E: 0.38 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 66%. Trivial Mitral Regurgitation / No Mitral Stenosis No Aortic Regurgitation /No Aortic Stenosis Trivial Tricuspid Regurgitation (2.0 m/s). Normal RV Function . No Pulmonary Artery Hypertension. No Pericardial Effusion.

# **IMPRESSION:**

- \* STRUCTURALLY NORMAL HEART.
- \* NORMAL LEFT VENTRICULAR SYSTOLIC FUNCTION, EF 66%

M. Varshini

MS. VARSHINI.M-ECHO TECHNOLOGIST



# Medall Healthcare Pvt Ltd

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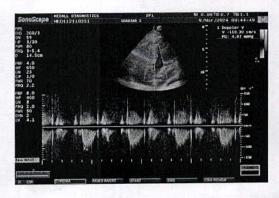




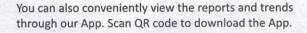
















Age / Gender: 3

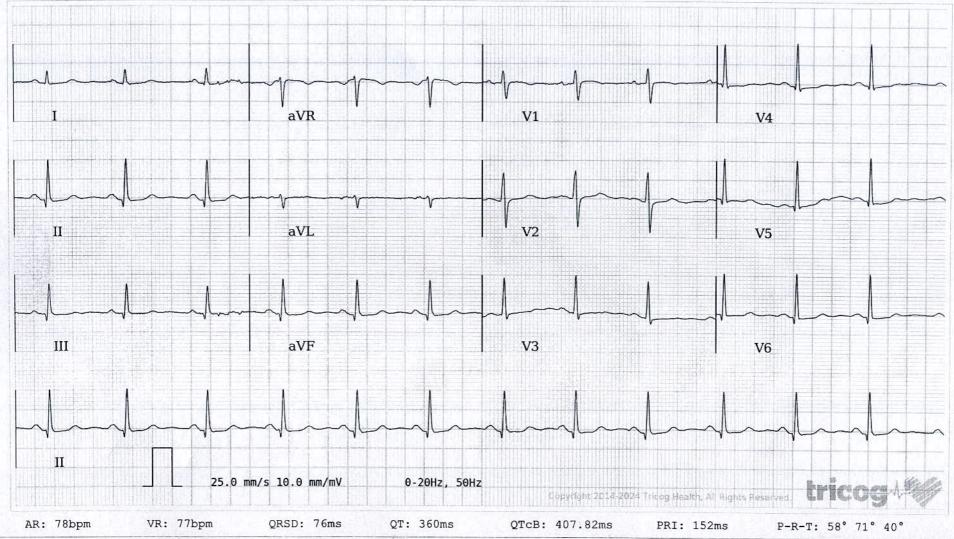
33/Female

Date and Time: 9th Mar 24 9:31 AM

Sall S. A. Land. H. Filterper, Land S. A.

TO MANGETT TRANSPORT

Patient ID: Patient Name: med112110331 Mrs shabina s



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

REPORTED BY

Control of the control