

PID No. : MED121189320

Register On : 09/07/2022 9:32 AM : 522220899 Collection On : 09/07/2022 10:48 AM SID No.

**Printed On** 

Age / Sex : 55 Year(s) / Female : OP

Report On : 09/07/2022 8:36 PM

: 11/07/2022 3:17 PM

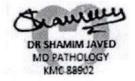
Ref. Dr : MediWheel

Type

Investigation	Observed Value	Unit	Biological Reference Interval
<b>HAEMATOLOGY</b>			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	12.53	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	38.8	%	37 - 47
RBC Count (EDTA Blood)	4.43	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV)	87.6	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	28.3	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	32.3	g/dL	32 - 36
RDW-CV	13.9	%	11.5 - 16.0
RDW-SD	42.62	n.	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	5530	cells/cu.mm	4000 - 11000
Neutrophils (Blood)	37.49	%	40 - 75
Lymphocytes (Blood)	51.96	%	20 - 45
Eosinophils (Blood)	3.71	%	01 - 06



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Monocytes (Blood)	6.58	%	01 - 10
Basophils (Blood)	0.27	%	00 - 02
INTERPRETATION: Tests done on Automated F	ive Part cell counter. All	abnormal results are rev	iewed and confirmed microscopically
Absolute Neutrophil count (EDTA Blood)	2.07	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.87	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.21	10^3 / μ1	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.36	10^3 / μ1	< 1.0
Absolute Basophil count (EDTA Blood)	0.01	10^3 / μ1	< 0.2
Platelet Count (EDTA Blood)	280.3	10^3 / μ1	150 - 450
MPV (Blood)	8.98	fL	8.0 - 13.3
PCT (Automated Blood cell Counter)	0.25	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	4	mm/hr	< 30



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<b>BIOCHEMISTRY</b>			
Liver Function Test		With the last	
Bilirubin(Total) (Serum/DCA with ATCS)	0.37	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.12	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.25	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	36.20	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	50.27	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	50.04	U/L	< 38
Alkaline Phosphatase (SAP) (Scrum/Modified IFCC)	117.5	U/L	53 - 141
Total Protein (Serum/Biuret)	7.28	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.68	gm/dl	3.5 - 5.2
Globulin (Scrum/Derived)	2.60	gm/dL	2.3 - 3.6
A : G RATIO (Scrum/Derived)	1.80		1.1 - 2.2

Dr.ROHINI KUMAR Ph.D. Consultant Microbiologist

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
Lipid Profile			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	236.80	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	283.33	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)	38.66	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	141.4	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	56.7	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	198.1	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219
			Very High: >= 220



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(Serum/Calculated)

(Serum/Calculated)

(Serum/Calculated)

: MediWheel

Observed Unit

Value

Biological 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

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)

7.3

Optimal: < 2.5

Mild to moderate risk: 2.5 - 5.0

High Risk: > 5.0

LDL/HDL Cholesterol Ratio

3.7

Optimal: 0.5 - 3.0

Borderline: 3.1 - 6.0

High Risk: > 6.0



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Investigation	Observed Value	-Unit	Biological Reference Interval
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	9.3	%	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

220.21 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 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.

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Investigation Observed Unit Biological Reference Interval

#### **IMMUNOASSAY**

### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total

1.26

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

7.77

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.

TSH (Thyroid Stimulating Hormone)

0.093

uIU/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.



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Investigation	Observed	Unit	Biological
mvoodgaton	Value	Sin	Reference Interval

## **CLINICAL PATHOLOGY**

## PHYSICAL EXAMINATION (URINE COMPLETE)

Colour (Urine)	Pale yellow	Yellow to Amber
Appearance (Urine)	Clear	Clear
Volume(CLU) (Urine)	20	
CHEMICAL EXAMINATION (URINE COMPLETE)		
pH (Urine)	5.5	4.5 - 8.0
Specific Gravity (Urine)	1.004	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	Negative	Negative



(Urine)

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Investigation	Observed Unit Value	Biological Reference Interval
Glucose	Negative	Negative

(Urine/GOD - POD)

Leukocytes(CP)

Negative

(Urine)

## MICROSCOPIC EXAMINATION (URINE COMPLETE)

Pus Cells		0-1	/hpf	NIL
1 us cens	*	U-1	/ iipi	IVIL

(Urine)

**Epithelial Cells** NIL

(Urine)

7HPF NIL NIL **RBCs** 

(Urine)

Others NIL

(Urine)

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



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Observed Value

Unit

: 09/07/2022 9:32 AM

**Biological** Reference Interval

## **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING

'O' 'Positive'

(EDTA Blood/Agglutination)

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

Register On



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Age / Sex 09/07/2022 8:36 PM Type : OP Printed On 11/07/2022 3:17 PM

Report On

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Investigation	Observed Unit Value	Biological Reference Interval
<b>BIOCHEMISTRY</b>		
BUN / Creatinine Ratio	12	6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	162.81 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)	246.40 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) (Urine - PP)	+		Negative
Blood Urea Nitrogen (BUN) (Scrum/Urease UV / derived)	8.4	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.65	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

2.6 - 6.0Uric Acid 3.41 mg/dL (Serum/Enzymatic)

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OP/IP : C

PAP Smear by LBC( Liquid based Cytology )

Nature of Specimen: Cervical smear

Lab No: GC 973/22

Specimen type: Liquid based preparation

Specimen adequacy: Satisfactory for evaluation

Endocervical / Transformation zone cells : Absent

General categorization: Within normal limits

**DESCRIPTION**: Smear show few superficial squamous cells, predominantly intermediate cells and few parabasal cells in a background of sparse

inflammatory cells.

INTERPRETATION: Negative for intraepithelial lesion or malignancy -

Normal pap smear study.









Name	MRS.ARTHI SHETTY B	ID	MED121189320
Age & Gender	55Y/FEMALE	Visit Date	09 Jul 2022
Ref Doctor Name	MediWheel		

#### ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is enlarged in size (16.8 cm), normal in shape and shows increased 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 (7.1 cm) and echopattern.

No demonstrable Para-aortic lymphadenopathy.

#### 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.

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 - 3.9 mm.

Uterus measures LS: 5.7 cm

AP: 3.6 cm

TS: 4.8 cm.

There is well a defined hypoechoic lesion measuring 1.6 x 1.2 cm in the posterior wall of cervix - ? cervical fibroid.

OVARIES are normal in size, shape and echotexture

Right ovary measures 2.3 x 1.7 cm

Left ovary measures 2.8 x 1.2 cm

POD & adnexa are free. No evidence of ascites.

## **IMPRESSION:**

- Mild hepatomegaly with grade I fatty infiltration of liver.
- Hypoechoic lesion in the posterior wall of cervix

- ? cervical fibroid.





Name	MRS.ARTHI SHETTY B	-	ID	MED121189320
Age & Gender	55Y/FEMALE	HEREN	Visit Date	09 Jul 2022
Ref Doctor Name	MediWheel		40	1000

DR. HEMANANDINI V.N CONSULTANT RADIOLOGIST Hn/mj





# **Physical Fitness Certificate**

1, Dr. Yogest	after personal
examination of the case do hereby ce	rtify that
Mr/Ms/Mrs ARTHI CHI	E77 7 3 is
found physically FIT/ UNFIT to work.	
Please tick the below box (✓)	
FIT	
UNFIT	
If Unfit – Please mention the reasons b	pelow
N	
Date: 9/8/22	Doctor Seal with Signature:

M. VOGESH. M. M. B.B. M.D. KMC. Reg. No. 57790



Name	ARTHI SHETTY B	Customer ID	MED121189320
Age & Gender	55Y/F	Visit Date	Jul 9 2022 9:29AM
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:**

· No significant abnormality detected.

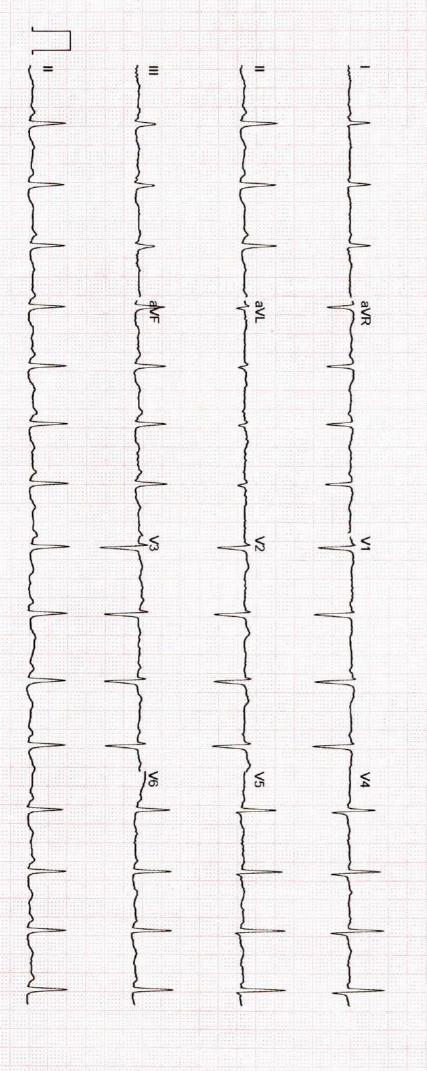
DR.HEMANANDHINI

CONSULTANT RADIOLOGIST



, MRS ARTHI 55 Years QRS QT / QTcBaz PR Female Vital Signs™ 226 166 05 76 ms
340 / 418 ms
134 ms
134 ms
92 ms
658 / 659 ms
63 / 58 / 63 degrees 09.07.2022 11:39:04 CLUMAX DIAGNOSTICS VYALIKAVAL BANGALORE Normal ECG Technician Ordering Ph Referring Ph Attending Ph € 0537 TOT D 712 91 bpm

P/QRS/T



1

Customer Name	MRS.ARTHI SHETTY B	Customer ID	MED121189320
Age & Gender	55Y/FEMALE	Visit Date	09/07/2022
Ref Doctor	MediWheel		



X-ray mammogram (mediolateral oblique & craniocaudal views) followed by Sonomammography.

## **BILATERAL MAMMOGRAPHY**

Breast composition Type A (The breasts are almost entirely fatty).

No evidence of focal soft tissue lesion.

No evidence of cluster microcalcification.

Subcutaneous fat deposition is within normal limits.

Bilateral axillary lymph nodes are noted.

Macrocalcification is noted in lower inner quadrant of right breast.

## BILATERAL SONOMAMMOGRAPHY

Both the breasts show normal echopattern.

No evidence of focal solid / cystic areas.

No evidence of ductal dilatation.

Bilateral axillary lymphnodes are noted with preserved fatty hilum.

#### IMPRESSION:

- No breast lesions.
- · Bilateral axillary lymph nodes.

ASSESSMENT: BI-RADS CATEGORY - 2

BI-RADS CLASSIFICATION

CATEGORY RESULT

Benign finding. Routine mammogram in 1 year recommended.

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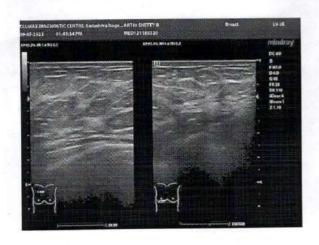
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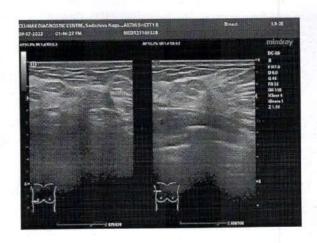


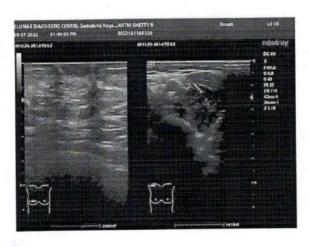
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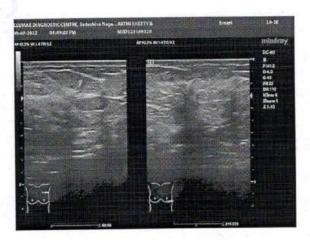
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Def Doctor	MediWheel		70

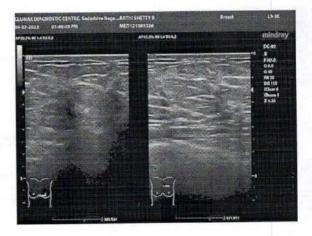


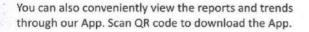






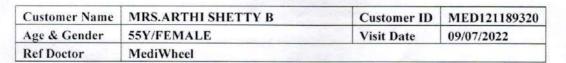








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## 2D ECHOCARDIOGRAPHIC STUDY

## M-mode measurement:

AORTA : 2.05 cms.

LEFT ATRIUM : 2.44 cms.

AVS : 1.47 cms.

LEFT VENTRICLE

(DIASTOLE) : 3.57 cms. (SYSTOLE) : 0.88 cms.

VENTRICULAR SEPTUM :

(DIASTOLE) : 2.30 cms. (SYSTOLE) : 1.17 cms.

POSTERIOR WALL :

(DIASTOLE) : 0.95 cms. (SYSTOLE) : 1.24 cms.

EDV : 53 ml.

ESV : 18 ml.

FRACTIONAL SHORTENING : 35 %

EJECTION FRACTION : 60 %

EPSS : --- cms.

RVID : 1.80 cms.

## DOPPLER MEASUREMENTS:

MITRAL VALVE: E - 0.5 m/s A -0.6 m/s NO MR.

AORTIC VALVE: 1.0 m/s NO AR.

TRICUSPID VALVE: E - 0.5 m/s A - 0.6 m/s TRIVIAL TR (PASP:10 mmHg)

PULMONARY VALVE: 0.6 m/s NO PR.

