

HR 61 bpm

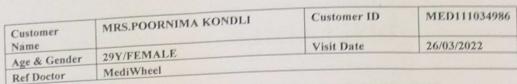
P/QRS/T : QTD/QTCBD: Sokolow : QRS QT/QTcB PR Measurement III AUF AUR II AUL 40/ 398 / 50/ 90 ms 399 ms 154 ms 112 ms 995 ms 25 degrees 54 ms 2.4 mU aUR III +90 aUF -90 II 1 0 I ^ P ORS normal ECG Interpretation: aremed during. SUAR 41 42 U3 14 5 6 Unconfirmed report.

DIAGNOS MECAOS

26. Mar. 2022 13:18:27 25mm/s 10mm/mU ADS 8

50Hz 0.08 - 20Hz 6\_F1







## ABDOMINO-PELVIC ULTRASONOGRAPHY

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

GALL BLADDER show normal shape and has clear contents.
Gall bladder wall is of normal thickness. 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 and echopattern. No demonstrable Para-aortic lymphadenopathy.

**KIDNEYS** move well with respiration and have normal shape, size and echopattern. Cortico- medullary differentiations are well madeout. No evidence of calculus or hydronephrosis.

	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	11.7	1.7
Left Kidney	11.5	1.8

URINARY BLADDER show normal shape and wall thickness.

It has clear contents. No evidence of diverticula.

UTERUS is anteverted and mildly bulky. It has uniform myometrial echopattern.

Endometrial echo is of normal thickness 10.3mms.

Uterus measures as follows: LS: 9.8cms

AP: 4.9cms

TS: 6.2cms.

OVARIES are normal size, shape and echotexture.

Right ovary measures: 3.2 x 2.1 cms

Left ovary measures: 2.9 x 1.6 cms

POD & adnexa are free.

No evidence of ascites.

Right Iliac Fossa was scanned with 7.5 MHz probe, shows no obvious demonstrable lesion.

#### Impression:

Mild Bulky Uterus.

CONSULTANT RADIOLOGISTS

DR. ANITHA ADARSH

DR.MANUPRATAP N

## Medall Diagnostics Bullal Circle(Ashoka circle) - Mysora



Manager Ninth	MRS POORSTMA KONDLI	Cantomer 19	NEW DOLL OF THE STATE OF THE ST
adut	20Y/FF MALE	Visit Dure	50.03/3033
St. W Changes	Med/Wheel		





















	MRS.POORNIMA KONDLI	Customer ID	111111111111111111111111111111111111111
Customer	MRS.POORNIMA ROA	Visit Date	26/03/2022
	29Y/FEMALE		
Ref Doctor	MediWheel	RDIOGRAPHIC STU	UDY

# 2 D ECHOCARDIOGRAPHIC STUDY

## M mode measurement:

AORTA 2.6cms

LEFT ATRIUM 4.0cms (DIASTOLE)

LEFT VENTRICLE 2.5cms (SYSTOLE)

1.0cms VENTRICULAR SEPTUM (DIASTOLE)

> 1.2cms (SYSTOLE)

2.4cms

0.8cms (DIASTOLE) POSTERIOR WALL

> 1.1cms (SYSTOLE)

63ml **EDV** 

21ml ESV

37% FRACTIONAL SHORTENING

64% **EJECTION FRACTION** 

1.4cms RVID

## **DOPPLER MEASUREMENTS:**

NO MR MITRAL VALVE : 'E' -0.90m/s 'A' - 0.34m/s **AORTIC VALVE** NO AR 1.13m/s

TRICUSPID VALVE : 'E' -0.80m/s 'A' - 0.40m/s NO TR

PULMONARY VALVE 0.78m/s NO PR

Zustomer	MRS.POORNIMA KONDLI	Customer ID		medall
Name Age & Gender	29Y/FEMALE	Visit Date	26/03/2022	DIAGNOSTICS experts who care
Ref Doctor	MediWheel			

## 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

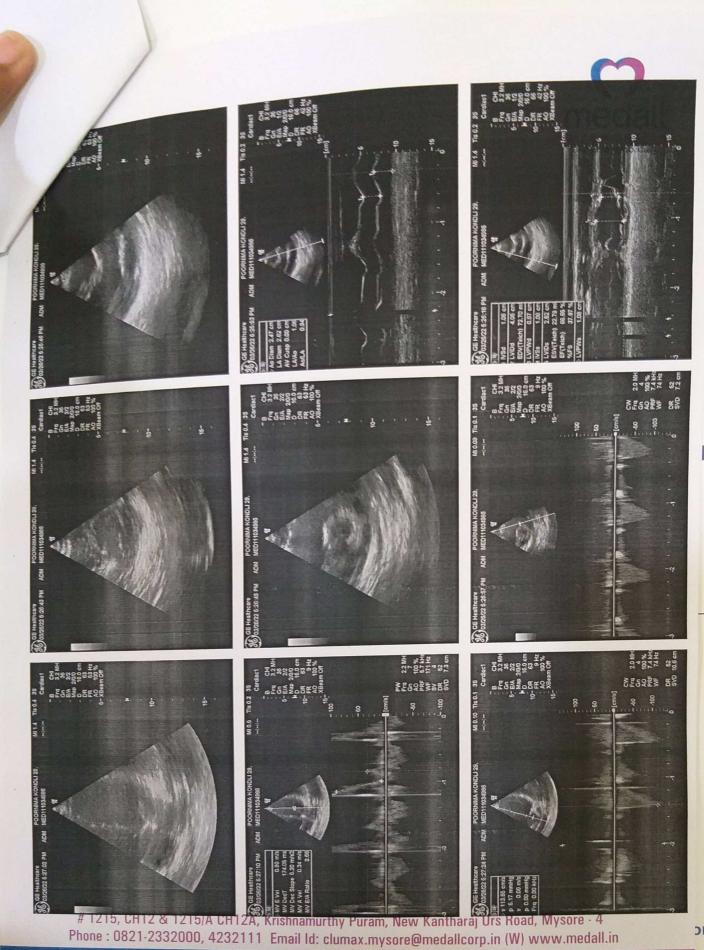
: No pericardial effusion.

#### **IMPRESSION:**

- NORMAL SIZED CARDIAC CHAMBERS.
- > NORMAL LV SYSTOLIC FUNCTION. EF:64%.
- > NO REGIONAL WALL MOTION ABNORMALITIES.
- NORMAL VALVES.
- > NO CLOTS/ PERICARDIAL EFFUSION VEGETATION.

Viceus

DR. NIKHIL B INTERVENTIONAL CARDIOLOGIST NB/SA



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-	<u>Value</u>		Reference Interval
HAEMATOLOGY			

## HAEMATULUGY

## Complete Blood Count With - ESR

Haemoglobin	14.0	g/dL	12.5 - 16.0
(EDTA Blood/Spectrophotometry)			

**INTERPRETATION:** Haemoglobin values vary in Men, Women & Children. Low haemoglobin values may be due to nutritional deficiency, blood loss, renal failure etc. Higher values are often due to dehydration, smoking, high altitudes, hypoxia etc.

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PCV (Packed Cell Volume) / Haematocrit (EDTA Blood/Derived)	41.1	%	37 - 47
RBC Count (EDTA Blood/Automated Blood cell Counter)	4.62	mill/cu.mm	4.2 - 5.4
MCV (Mean Corpuscular Volume) (EDTA Blood/Derived from Impedance)	89.0	fL	78 - 100
MCH (Mean Corpuscular Haemoglobin) (EDTA Blood/Derived)	30.3	pg	27 - 32
MCHC (Mean Corpuscular Haemoglobin concentration) (EDTA Blood/Derived)	34.1	g/dL	32 - 36
RDW-CV (Derived)	12.8	%	11.5 - 16.0
RDW-SD (Derived)	39.87	fL	39 - 46
Total WBC Count (TC) (EDTA Blood/Derived from Impedance)	9100	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	70	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	26	%	20 - 45



: Mrs. POORNIMA KONDLI Name

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Eosinophils (Blood/Impedance Variation & Flow Cytometry)	02	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	02	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	00	%	00 - 02
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	6.37	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	2.37	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.18	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.18	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.00	10^3 / μl	< 0.2
Platelet Count (EDTA Blood/Derived from Impedance)	273	10^3 / μl	150 - 450
MPV (Blood/ <i>Derived</i> )	7.1	fL	8.0 - 13.3
PCT	0.19	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood/Automated ESR analyser)	24	mm/hr	< 20
Remark: kindly correlate clinically			



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<b>BIOCHEMISTRY</b>			
Liver Function Test			
Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	0.4	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.1	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.30	mg/dL	0.1 - 1.0
Total Protein (Serum/Biuret)	7.5	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.5	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	3.00	gm/dL	2.3 - 3.6
A : G Ratio (Serum/Derived)	1.50		1.1 - 2.2
<b>INTERPRETATION:</b> Remark : Electrophoresis is the p	referred method		
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC / Kinetic)	19	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC / Kinetic)	21	U/L	5 - 41
Alkaline Phosphatase (SAP) (Serum/PNPP / Kinetic)	63	U/L	42 - 98
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	17	U/L	< 38



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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/Oxidase / Peroxidase method)	145	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol phosphate oxidase / peroxidase)	77	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 lusuall circulating level of triglycerides during most part of the day.

F			
HDL Cholesterol (Serum/Immunoinhibition)	42	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	87.6	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	15.4	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	103.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220



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**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)

3.5

Optimal: < 3.3

Low Risk: 3.4 - 4.4

Average Risk: 4.5 - 7.1

Moderate Risk: 7.2 - 11.0

Triglyceride/HDL Cholesterol Ratio
1.8
Optimal: < 2.5
(TG/HDL)
Mild to moderate risk: 2.5 - 5.0

(Serum/Calculated) High Risk: > 5.0

LDL/HDL Cholesterol Ratio

2.1 Optimal: 0.5 - 3.0

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



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High Risk: > 11.0

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	5.8	%	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 119.76 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.



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

## **IMMUNOASSAY**

## THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.18 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 (Thyroxine) - Total 9.29 Microg/dl 4.2 - 12.0

(Serum/Chemiluminescent Immunometric Assay

(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) 1.832 μIU/mL 0.35 - 5.50

(Serum/Chemiluminescent Immunometric Assay

(CLIA))

#### 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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_	<u>Value</u>		Reference Interval
CLINICAL DATIOLOGY			

## **CLINICAL PATHOLOGY**

## **PHYSICAL EXAMINATION**

Colour	Pale yellow	Yellow to Amber
(Urine/Physical examination)		
Volume	25	ml
(Urine/Physical examination)		

Appearance Clear

(Urine)

## **CHEMICAL EXAMINATION**

pH (Urine)	6.5	4.5 - 8.0
Specific Gravity (Urine/Dip Stick EReagent strip method)	1.015	1.002 - 1.035
Protein (Urine/Dip Stick EReagent strip method)	Negative	Negative
Glucose (Urine)	Nil	Nil
Ketone (Urine/Dip Stick EReagent strip method)	Nil	Nil

Leukocytes Negative leuco/uL Negative

(Urine)

Nil Nil Nitrite

(Urine/Dip Stick EReagent strip method)

Negative Negative Bilirubin mg/dL

(Urine)



: Mrs. POORNIMA KONDLI Name

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Blood	Nil		Nil
(Urine)			
Urobilinogen (Urine/Dip Stick EReagent strip method)	Normal		Within normal limits
Urine Microscopy Pictures			
RBCs (Urine/Microscopy)	Nil	/hpf	NIL
Pus Cells (Urine/Microscopy)	4-6	/hpf	< 5
Epithelial Cells (Urine/Microscopy)	2-3	/hpf	No ranges
Others (Urine)	Nil		Nil

Dr Shouree K.R. MBBS MD DNB Consultant Pathologist Reg No : KMC 103138 APPROVED BY

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'B' 'Positive'

## **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING

 $({\rm EDTA~Blood}/Agglutination})$ 

Remark: Test to be confirmed by Gel method .

Mr.S.Mohan Kumar Sr.LabTechnician

**VERIFIED BY** 

Dr Shouree K.R MBBS MD DNB Consultant Pathologist Reg No : KMC 103138

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<b>BIOCHEMISTRY</b>			
BUN / Creatinine Ratio	9		6-22
Glucose Fasting (FBS) (Plasma - F/GOD- POD)	83	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 Postprandial (PPBS) 97 mg/dL 70 - 140

(Plasma - PP/GOD - POD)

#### 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.

Blood Urea Nitrogen (BUN)	8	mg/dL	7.0 - 21
(Serum/Urease UV / derived)			
Creatinine	0.9	mg/dL	0.6 - 1.1

(Serum/Jaffe Kinetic)

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 5.5 mg/dL 2.6 - 6.0

(Serum/Uricase/Peroxidase)



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**APPROVED BY** 

-- End of Report --



Name	POORNIMA KONDLI	ID	MED111034986
Age & Gender	29Y/F	Visit Date	Mar 26 2022 11:35AM
Ref Doctor	MediWheel		

## X – RAY CHEST PA VIEW

## **LUNGS:**

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.

AA/SV

Dr. Anitha Adarsh Consultant Radiologist