

Name	MS.PRAYAGA V S	ID	MED120813008
Age & Gender	33Y/FEMALE	Visit Date	28/10/2022
Ref Doctor	MediWheel		

# **MASTER HEALTH CHECK UP SUMMARY**

Height:	155 cm	Weight:	66.2 kg
BMI:	27.6		

## **PRESENT HISTORY:**

Nil.

**GENERAL EXAMINATION:** P.I.C.C.L.E: Nil.

Pulse: 98/min

**BP:** 120/80 mmHg

Respiratory Rate: 18/min

**Temp:** Normal

Others: Nil

## **SYSTEMIC EXAMINATION:**

CVS: S1S2+

RS: B/L NVBS

CNS: NFND

P/A: Soft, No palpable mass, No tenderness. BS +.

## **INVESTIGATIONS:**

## ECG:

Normal ECG.

#### XRAY:

No significant diagnostic abnormality.



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#### ECHO:

- Normal LV systolic function.
- No regional wall motion abnormality.
- Trivial MR.
- No PHT.

## **ULTRASOUND ABDOMEN:**

- Polycystic ovaries.
  - --- Needs clinical correlation.

## LAB REPORTS:

- Hb is 10.6 g/dL.
- HbA1C 6.3 Slightly high.

## **EYE SCREENING:**

Vision	R/E	L/E
Distant Vision	6/6	6/6
Near Vision	N6	N6
Colour Vision	Normal	Normal

Within normal limits.

## **ADVISED:**

- Hb % is low Advised Iron supplements and Iron rich diet.
- HbA1C is 6.3 Advised GTT and Diabetologist opinion.
- Gynaecologist opinion for Polycystic ovaries.

DR. GOMATHY & M.B.B.S,D.M.C.H Consultant General Physician Name : Ms. PRAYAGA V S

PID No. : MED120813008

Register On : 28/10/2022 9:51 AM

**Printed On** 

SID No. : 122014976 Collection On : 28/10/2022 11:56 AM

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

Report On

Ref. Dr : MediWheel

Type

: 29/10/2022 4:36 PM : 31/10/2022 9:08 AM

<u> </u>			
Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BLOOD GROUPING AND Rh TYPING	'B' 'Positive'		
(EDTA Blood/Agglutination)			
INTERPRETATION: Reconfirm the Blood grou	p and Typing before	e blood transfusion	
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	10.6	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	34.6	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	4.90	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	70.5	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	21.7	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	30.8	g/dL	32 - 36
RDW-CV (EDTA Blood/Derived from Impedance)	23.5	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	58.6	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	8100	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	55.4	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	27.9	%	20 - 45
Eosinophils (EDTA Blood/Impedance Variation & Flow	7.2	%	01 - 06



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The results pertain to sample tested.

Cytometry)

Page 1 of 7



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813008 Register Or

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Monocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	8.5	%	01 - 10
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	1.0	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	er. All abnormal results	s are reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	4.5	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	2.3	10^3 / μΙ	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.6	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.7	10^3 / μ1	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.1	10^3 / μΙ	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	475	10^3 / μl	150 - 450
MPV (EDTA Blood/Derived from Impedance)	7.2	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.342	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated - Westergren method)	78	mm/hr	< 20
BUN / Creatinine Ratio	14.2		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	87.9	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

Dr.E.Saravanan M.D(Path) Consultant Pathologist Reg No : 73347

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Page 2 of 7



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

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)	126.9	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		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.4	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.66	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)	3.3	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.39	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.12	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.27	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	34.0	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	26.8	U/L	5 - 41

Dr.E.Saravanan M.D(Path) Consultant Pathologist Reg No : 73347

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Page 3 of 7



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: 28/10/2022 9:51 AM

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Observed

Value

25.5

78.9

7.22

4.00

3.22

1.24

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Type

OP

Unit

U/L

U/L

gm/dl

gm/dl

gm/dL

Alkaline Phosphatase (SAP)

**Printed On** 

Ref. Dr

Investigation

(Serum/IFCC / Kinetic)

(Serum/Modified IFCC) **Total Protein** 

(Serum/Bromocresol green)

(Serum/Biuret) Albumin

Globulin

: MediWheel

GGT(Gamma Glutamyl Transpeptidase)

31/10/2022 9:08 AM

**Biological** Reference Interval < 38 42 - 98 6.0 - 8.03.5 - 5.22.3 - 3.61.1 - 2.2

(Serum/Derived) Lipid Profile

(Serum/Derived) A: GRATIO

Cholesterol Total (Serum/CHOD-PAP with ATCS)	145.6	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides	63.0	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)

(Serum/GPO-PAP with ATCS)

55.0

mg/dL

Optimal(Negative Risk Factor): >=

Borderline: 50 - 59 High Risk: < 50

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Page 4 of 7

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Investigation	Observed Value	<u>Unit</u>	Biological Reference Interval
LDL Cholesterol (Serum/Calculated)	78	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	12.6	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	90.6	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)	2.6		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) (Serum/Calculated)	1.1		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	1.4		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
Glycosylated Haemoglobin (HbA1c)			
HbA1C	6.3	%	Normal: 4.5 - 5.6

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 % , Fair control : 7.1 - 8.0 % , Poor control >= 8.1 % and the control is 6.1 - 7.0 % and 6.1 - 7.0 % are control in the control in the control in the control is 6.1 - 7.0 % and 6.1 - 7.0 % are control in the control in



Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

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(Whole Blood/HPLC)

Page 5 of 7



; Ms. PRAYAGA V S Name

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31/10/2022 9:08 AM

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
n !	Transaction to the	10.000 to 10.000 and 10.000	

Estimated Average Glucose

(Whole Blood)

134.11

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

1.00

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

6.44

2.36

µg/dl

μIU/mL

4.2 - 12.0

0.35 - 5.50

(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)

(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.

A.D(Path)

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Page 6 of 7

Name : Ms. PRAYAGA V S

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Ref. Dr

: MediWheel

: 31/10/2022 9:08 AM

Investigation	Observed Value	Unit	Biological Reference Interval
Urine Analysis - Routine			
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)	Occasional	/hpf	NIL
Epithelial Cells (Urine/Automated – Flow cytometry)	Occasional	/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 --

The results pertain to sample tested.

Page 7 of 7





Name	PRAYAGA V S	Customer ID	MED120813008
Age & Gender	33Y/F	Visit Date	Oct 28 2022 12:24PM
Ref Doctor	MediWheel		12.2.1111

## 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:**

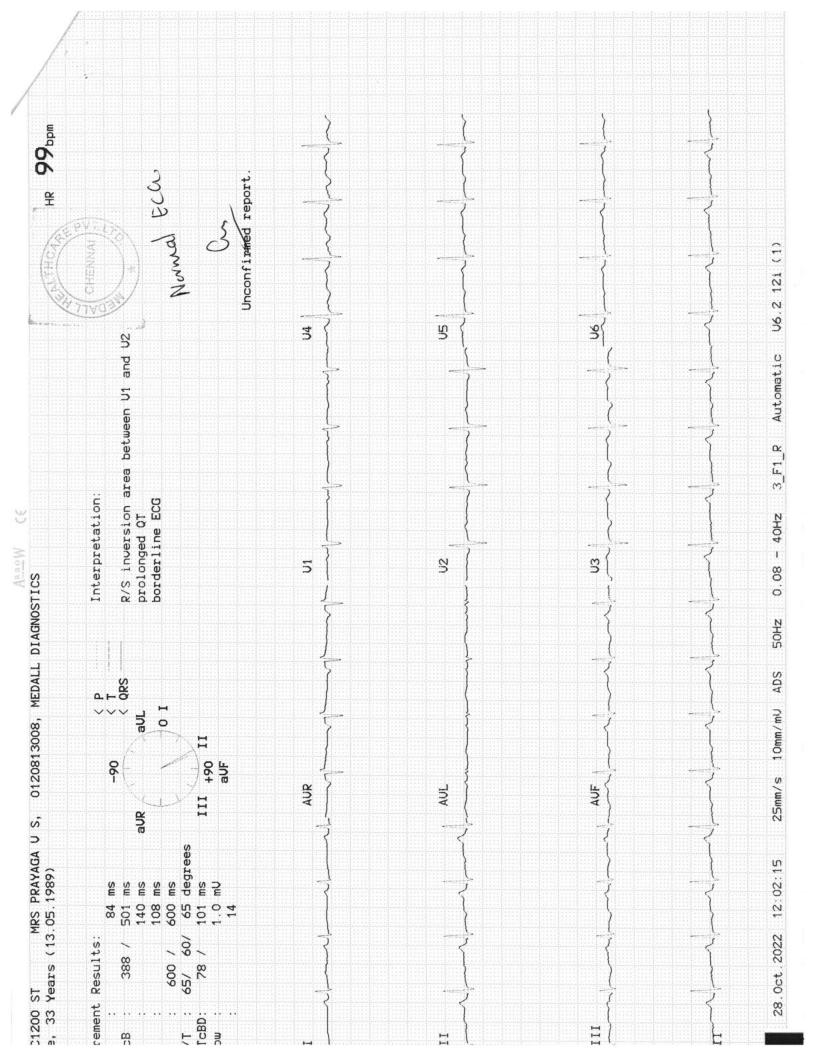
NO SIGNIFICANT DIAGNOSTIC ABNORMALITY.

DR. MOHAN. B

(DMRD, DNB, EDIR, FELLOW IN CARDIAC

MRI)

CONSULTANT RADIOLOGIST





Name	MS.PRAYAGA V S		
	MS.FRATAGA V S	ID	MED120813008
Age & Gender	33Y/FEMALE	Visit Date	28/10/2022
Ref Doctor	MediWheel	VISIT DUCC	28/10/2022

## DEPARTMENT OF CARDIOLOGY

# TRANSTHORACIC RESTING ECHO CARDIOGRAPHY REPORT

2.8

ECHO INDICATION: Assessment M MODE & 2-D PARAMETERS:

ACOUSTIC WINDOW: GOOD

DOPPLER PARAMETERS

#### LV STUDY

# Parameters Patient Value LA cm 3.8

cm

IVS(d)	cm	0.7
IVS(s)	cm	1.3
LPW(d)	cm	0.7
LPW(s)	cm	1.1
LVID(d)	cm	3.8
LVID(s)	cm	2.6
EDV ml		56
ESV ml		17
SV ml		38
EF %		68
FS %		31

Valves	Velocity max(m/sec mm/Hg)
AV	0.6 / 2
PV	0.8 / 3
MV (E)	0.7
(A)	0.5
TV	1.1 / 5

#### FINDINGS:

Normal left ventricle systolic function (LVEF 68 %).

AO

- No regional wall motion abnormality.
- \* Normal chambers dimension.
- \* Trivial mitral regurgitation.
- No pulmonary hypertension.
- Normal right ventricle systolic function.
- Normal pericardium / Intact septae.
- No clot/aneurysm.

同級統領



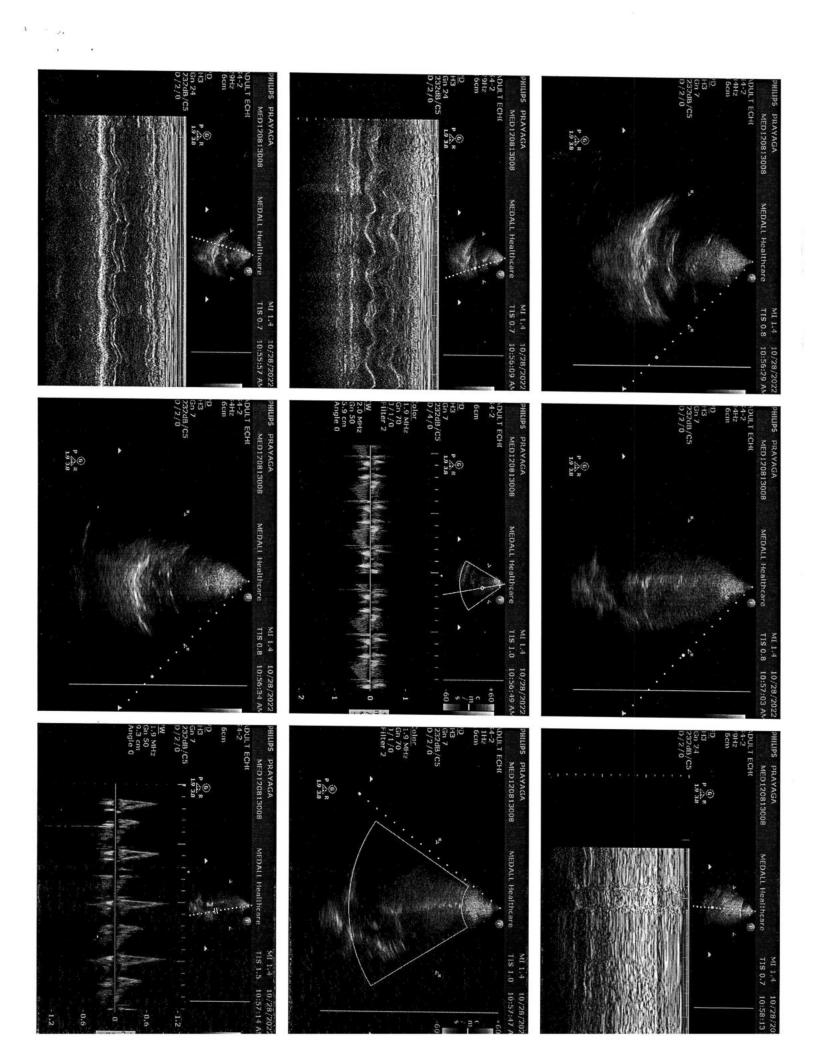
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Ref Doctor	MediWheel	7 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	20/10/2022

## IMPRESSION:

- ► NORMAL LV SYSTOLIC FUNCTION.
- ▶ NO REGIONAL WALL MOTION ABNORMALITY.
- TRIVIAL MR.
- ► NO PHT.

P. VIJAYA LAKSHMI **ECHO TECHNICIAN** 

回线整回





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## **ULTRA SOUND SCAN**

## WHOLE ABDOMEN

**Liver** is normal in size and shows uniform echotexture with no focal abnormality. There is no intra or extra hepatic biliary ductal dilatation. Portal vein and IVC are normal.

**Gall bladder** is normal sized and smooth walled. No evidence of calculi. Wall thickness is normal.

Pancreas shows a normal configuration and echotexture. Pancreatic duct is normal.

Spleen is normal in size and echotexture.

**Bilateral kidneys** are normal in size, shape and position. Cortical echoes are normal bilaterally. There is no calculus or calyceal dilatation.

Right kidney measures 11.2 x 5.5 cm.

Left kidney measures 9.5 x 5.3 cm.

Ureters are not dilated.

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

No para aortic lymphadenopathy is seen.

**Urinary bladder** is smooth walled and uniformly transonic. No intravesical mass or calculus.

**Uterus i**s anteverted, and measures 7.9 x 4.7 x 4.3 cm. Endometrial thickness is 7 mm.

Right ovary measures 3.3 x 2.2 cm.

Left ovary measures 3.4 x 2.7 cm.

Multiple tiny peripherally arranged follicles with central echogenic stroma noted in both ovaries.

回線整圖



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Parametria are free.

Iliac fossae are normal.

There is no free or loculated peritoneal fluid.

## **IMPRESSION:**

> Polycystic ovaries.

--- Needs clinical correlation.

Dr. SVIJITHA SONOLOGIST

(a) 485 (a)

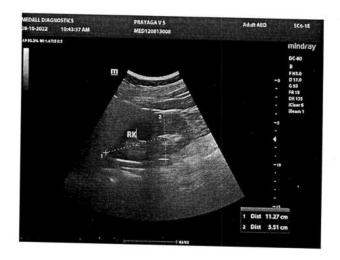
# Medall Healthcare Pvt Ltd No:191, Poonamalle High Road (Near Taylors Road Signal)

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Age & Gender	33Y/FEMALE	Visit Date	
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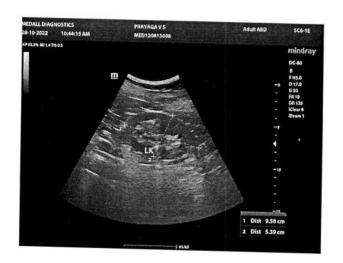












## Medall Healthcare Pvt Ltd No:191, Poonamalle High Road (Near Taylors Road Signal)

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