

## NON INVASIVE CARDIOLOGY

Patient Name	: MRS. SAROJ VERMA	IPD No.	:
Age	: 31 Yrs 1 Mth	UHID	: APH000013675
Gender	: FEMALE	Bill No.	: APHHC230000227
Ref. Doctor	: MEDIWHEEL	Bill Date	: 25-02-2023 11:21:14
Ward	:	Room No.	:
		Procedure Date	: 25-02-2023 17:42:16

### ECHOCARDIOGRAPHY COLOUR DOPPLER REPORT

#### M MODE STUDY (MEASUREMENTS)

**Left Ventricle:-**

EDD:	38	(mm)	Left Atrium	29	(mm)
ESD:	30	(mm)	Aortic Root	26	(mm)
IVS Thickness (D/S)	0.9/1.1	(mm)	Right Ventricle (TAPSE)	21	(mm)
LVPW Thickness	0.9/1.1	(mm)	Pericardium		NORMAL
LVEF	63	(%)			

**WALL MOTION STUDY : NO RWMA**

MV	: NORMAL	TV	: NORMAL
AV	: NORMAL	PV	: NORMAL
IAS	: NORMAL	IVS	: NORMAL

#### DOPPLER STUDY (PW/CW AND COLOUR FLOW IMAGING)

VALVES	V max(m/sec)	PG	MG	EDG	Orifice Area (cm <sup>2</sup> )	REGURGITATION
MV E/A	0.71/0.62					
AV	1.19	5.66				MR:- NIL
TV	0.96	3.42				AR:- NIL
PV	0.90	3.22				TR:- NIL
						PR:- NIL

**IMPRESSION: -**

No RWMA.  
Normal Cardiac Chamber Dimensions.  
Normal LV/RV Systolic Function, LVEF-63%.  
No LA-LAA Clot/ Vegetation/ Pericardial Effusion.

**DR. ADITYA KUMAR.**  
MD, DM (CARDIOLOGY)  
CONSULTANT CARDIOLOGIST

**FINAL REPORT**

Bill No.	: APHHC230000227	Bill Date	: 25-02-2023 11:21
Patient Name	: MRS. SAROJ VERMA	UHID	: APH000013675
Age / Gender	: 31 Yrs 1 Mth / FEMALE	Patient Type	: OPD <span style="float:right">IF PHC : </span>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004627	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 13:30
		Reporting Date & Time	: 26-02-2023 17:54

**BLOOD BANK REPORTING**

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood

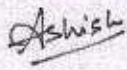
MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE BELOW40@2550

BLOOD GROUP (ABO)	"A"
RH TYPE	POSITIVE

**\*\* End of Report \*\***

**IMPORTANT INSTRUCTIONS**

CL - Critical Low, CH - Critical High, H - High, L - Low



**DR. ASHISH RANJAN SINGH**  
MBBS,MD  
CONSULTANT



**FINAL REPORT**

Bill No.	: APHHC230000227	Bill Date	: 25-02-2023 11:21
Patient Name	: MRS. SAROJ VERMA	UHID	: APH000013675
Age / Gender	: 31 Yrs 1 Mth / FEMALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH230004651	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 17:40
		Reporting Date & Time	: 25-02-2023 18:50

**BIOCHEMISTRY REPORTING**

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood, Plasma, Serum

**MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE BELOW40@2550**

BLOOD UREA <small>Urease-GLDH kinetic</small>		15	mg/dL	15 - 45
BUN (CALCULATED)		7.0	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe's Kinetic)</small>	L	0.4	mg/dL	0.6 - 1.1
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		98.0	mg/dL	70 - 100

 Note: A diagnosis of diabetes mellitus is made if fasting blood glucose exceeds 126 mg/dL.  
 (As per American Diabetes Association recommendation)

GLUCOSE-PLASMA (POST PRANDIAL) <small>(UV Hexokinase)</small>		106.0	mg/dL	70 - 140
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 Note: A diagnosis of diabetes mellitus is made if 2 hour post load glucose exceeds 200 mg/dL.  
 (As per American Diabetes Association recommendation)

**LIPID PROFILE**

CHOLESTROL-TOTAL <small>(CHO-POC)</small>		156	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>	L	26	mg/dL	>45
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	117	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POC)</small>		96	mg/dL	0 - 160
NON-HDL CHOLESTROL	H	130.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		6.0		1/2 Average Risk <3.3 Average Risk 3.3 - 4.4 2 Times Average Risk 4.5 - 7.1 3 Times Average Risk 7.2-11.0
LDL CHOLESTROL / HDL CHOLESTROL		4.5		1/2 Average Risk <1.5 Average Risk 1.5-3.2 2 Times Average Risk 3.3-5.0 3 Times Average Risk 5.1-6.1
CHOLESTROL-VLDL		19	mg/dL	10 - 35

**Comments:**

- Disorders of Lipid metabolism play a major role in atherosclerosis and coronary heart disease.
- There is an established relationship between increased total cholesterol & LDL cholesterol and myocardial infarction.
- HDL cholesterol level is inversely related to the incidence of coronary artery disease.
- Major risk factors which adversely affect the lipid levels are:
  - Cigarette smoking.
  - Hypertension.
  - Family history of premature coronary heart disease.
  - Pre-existing coronary heart disease.

**LIVER FUNCTION TESTS (LFT)**

BILIRUBIN-TOTAL <small>(DPO)</small>		0.71	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPO)</small>		0.12	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.59	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Buret)</small>		6.8	g/dL	6 - 8.1



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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004651	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 17:40
		Reporting Date & Time	: 25-02-2023 18:50

ALBUMIN-SERUM (Dye Binding-Bromocresol Green)		4.0	g/dL	
S.GLOBULIN		2.8	g/dL	2.8-3.8
A/G RATIO	<b>L</b>	<b>1.43</b>		1.5 - 2.5
ALKALINE PHOSPHATASE (IFCC-AMP BUFFER)	<b>H</b>	<b>114.6</b>	IU/L	42 - 98
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)		22.6	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)		26.6	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)		22.0	IU/L	7 - 35
LACTATE DEHYDROGENASE (IFCC; L-P)		169.7	IU/L	0 - 248
S.PROTEIN-TOTAL (Buret)		6.8	g/dL	6 - 8.1
URIC ACID (Uricase - Trinder)		2.9	mg/dL	2.6 - 7.2

**\*\* End of Report \*\***

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MBBS, MD  
CONSULTANT

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Sample ID	: APH23004651	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 17:40
		Reporting Date & Time	: 25-02-2023 18:50

Sample Type: EDTA Whole Blood, Plasma, Serum

**MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE BELOW40@2550**

HBA1C (Turbidimetric Immuno-inhibition)

5.3

%

4.0 - 6.2

**INTERPRETATION:**

HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

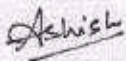
**Note:**

1. A three monthly monitoring is recommended in diabetics.
2. Since HbA1c concentration represents the integrated values for blood glucose over the preceding 6 - 10 weeks and is not affected by daily glucose fluctuation, exercise and recent food intake, it is a more useful tool for monitoring diabetics.

**\*\* End of Report \*\***

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004662	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 18:52
		Reporting Date & Time	: 25-02-2023 19:49

**CLINICAL PATH REPORTING**

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: Urine

**MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE BELOW40@2550**
**URINE, ROUTINE EXAMINATION**
**PHYSICAL EXAMINATION**

QUANTITY	25 mL		
COLOUR	Pale Straw		Pale Yellow
TURBIDITY	Slight hazy		

**CHEMICAL EXAMINATION**

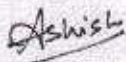
PH (Double pH indicator method)	6.0		5.0 - 8.5
PROTEINS (Protein-error-of-indicators)	Negative		Negative
SUGAR (GOD POD Method)	Negative		Negative
SPECIFIC GRAVITY, URINE (Apparent pKa change)	1.030		1.005 - 1.030

**MICROSCOPIC EXAMINATION**

LEUCOCYTES	1-2	/HPF	0 - 5
RBC's	Nil		
EPITHELIAL CELLS	0-1		
CASTS	Nil		
CRYSTALS	Nil		
URINE-SUGAR	NEGATIVE		

**\*\* End of Report \*\***
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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004626	Current Ward / Bed	: /
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		Reporting Date & Time	: 25-02-2023 18:53

**HAEMATOLOGY REPORTING**

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood

**MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE BELOW40@2550**
**CBC -1 (COMPLETE BLOOD COUNT)**

TOTAL LEUCOCYTE COUNT (Flow Cytometry)		8.3	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro-Dynamic Focussing)		3.8	million/cumm	3.8 - 4.8
HAEMOGLOBIN (SLS Hb Detection)	L	10.8	g/dL	12 - 15
PACK CELL VOLUME (Cumulative Pulse Height Detection)	L	32.4	%	36 - 46
MEAN CORPUSCULAR VOLUME		86.3	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		28.8	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		33.4	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro-Dynamic Focussing)		190	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		41.7	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)		13.5	%	11.6 - 14

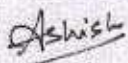
**DIFFERENTIAL LEUCOCYTE COUNT**

NEUTROPHILS		68	%	40 - 80
LYMPHOCYTES		24	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS		3	%	1 - 5
BASOPHILS		0	%	0 - 1

ESR (Westergren)	H	75	mm 1st hr	0 - 20
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**\*\* End of Report \*\***
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Age / Gender	: 31 Yrs 1 Mth / FEMALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004630	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 13:30
		Reporting Date & Time	: 25-02-2023 20:39

**SEROLOGY REPORTING**

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: Serum

**MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE BELOW40@2550**

T3 TOTAL (ELFA)	1.10	nmol/l	0.95-2.5
T4 TOTAL (ELFA)	81.50	nmol/l	60-120
THYROID STIMULATING HORMONE (ELFA)	1.18	μIU/mL	0.25-5

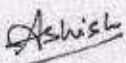
TESTS	RESULTS	EXPECTED VALUES
<b>THYROID PROFILE</b>		
<b>TOTAL (T3,T4,TSH TOTAL)</b>		
Thyroid-Stimulating Hormone (TSH)		0.25-5μIU/ml
Serum Triiodothyronine (T3 TOTAL)		0.95-2.5nmol/l
Serum Thyroxine (T4 TOTAL)		60-120nmol/l

Wallach's reference range for Thyroid for neonates and children

Age	TSH (μIU/ml)	TT4(nmol/l)	TT3(nmol/l)
1-4 days	1-39	142-277	1.5-11.4
1-4 wks	1.7-9.1	106-221	1.6-5.3
1-12 mon	0.8-8.2	76-210	1.6-3.8
1-5 yrs	0.7-5.7	94-193	1.6-4.1
6-10 yrs	0.7-5.7	82-171	1.4-3.7
11-15 yrs	0.7-5.7	71-151	1.3-3.3
15-18 yrs	0.7-5.7	54-152	1.2-3.2

**\*\* End of Report \*\***
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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004630	Current Ward / Bed	: /
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		Reporting Date & Time	: 25-02-2023 20:39

MBBS,MD  
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Age / Gender	: 31 Yrs 1 Mth / FEMALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward	:
Sample ID	: APH23004810	Current Bed	:
	:	Reporting Date & Time	: 27-02-2023 17:12
	:	Receiving Date & Time	: 27/02/2023 17:07

**CYTOPATHOLOGY REPORTING**

Cytopathology No:C-23/23

Material Received: PAP smear. Two unstained slide received.

Reporting System: BETHESDA 2014

Material Adequacy: Satisfactory for evaluation.  
Endocervical/Transformation zone component present.

Microscopic Examination: Mostly Superficial cells, Intermediate cells & few Para-basal cells and basal cells.

Non-Neoplastic Findings: Mild neutrophilic infiltrates.

Specific Infections: Nil.

Epithelial cell abnormality (Squamous cells): Nil  
Squamous cell abnormality (Glandular cells): Nil.

Impression: Inflammatory smear. Negative for Intraepithelial lesion or Malignancy.(NILM).

\*\*\* End of Report \*\*\*



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MBBS,MD  
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## DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : ULTRASOUND

Patient Name	: MRS. SAROJ VERMA	IPD No.	:
Age	: 31 Yrs 1 Mth	UHID	: APH000013675
Gender	: FEMALE	Bill No.	: APHHC230000227
Ref. Doctor	: MEDIWHEEL	Bill Date	: 25-02-2023 11:21:14
Ward	:	Room No.	:
		Print Date	: 25-02-2023 19:56:07

### WHOLE ABDOMEN:

Both the hepatic lobes are normal in size and echotexture (Liver measures 14.2cm)

No focal lesion seen. Intrahepatic biliary radicals are not dilated.

Portal vein is normal in calibre.

Gall bladder is well distended. Wall thickness is normal. No calculus seen.

CBD is normal in calibre.

Pancreas is normal in size and echotexture.

Spleen is normal in size (10.6 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (11.0 x 4.7 cm), Left kidney (12.6 x 4.7 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Uterus is anteverted (measures 7.5 x 4.1 cm) and appears normal in size and echotexture. No focal lesion seen.

Endometrial echo is central and normal in thickness (8.3 mm).

**Cervix appears edematous bulky.**

Both ovaries are normal in size and echotexture

No free fluid or collection seen. No pleural effusion seen.

No significant lymphadenopathy seen.

No dilated bowel loop seen.

**IMPRESSION: Cervix appear edematous bulky. Suggestive of cervicitis.**

Please correlate clinically.

.....End of Report.....

Prepare By  
IMAGING.PT



CONSULTANT RADIOLOGIST,

**Note :** The information in this report is based on interpretation of images. This report is not the diagnosis and should be correlated with clinical details and other investigation.



## DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	: MRS. SAROJ VERMA	IPD No.	:	
Age	: 31 Yrs 1 Mth	UHID	:	APH000013675
Gender	: FEMALE	Bill No.	:	APHHC230000227
Ref. Doctor	: MEDIWHEEL	Bill Date	:	25-02-2023 11:21:14
Ward	:	Room No.	:	
		Print Date	:	26-02-2023 12:07:45

### CHEST PA VIEW:

Cardiac shadow appears normal.

Both lung fields appear clear.

Both domes of diaphragm and both CP angles are clear.


Both hila appear normal.

Soft tissues and bony cage appear normal.

**Please correlate clinically.**

.....End of Report.....

Prepare By.  
MD.SERAJ

  
CONSULTANT RADIOLOGIST,

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