

**Patient Details**

 Name: Mrs. ALKA KUMARI ID: APH000013665  
 Age: 32 y Sex: F

Date: 25-Feb-23

Time: 10:37:46 AM

Clinical History:

Height: 161 cms.

Weight: 51 Kg.

**Medications:**
**Test Details**

Protocol: Bruce

Total Exec. Time: 8 m 13 s

Max. BP: 140 / 90 mmHg

Test Termination Criteria:

Pr.MHR: 188 bpm

Max. HR: 131 ( 70% of Pr.MHR )bpm

Max. BP x HR: 18340 mmHg/min

THR: 169 (90 % of Pr.MHR) bpm

Max. Mets: 10.20

Min. BP x HR: 5040 mmHg/min

**Protocol Details**

Stage Name	Stage Time (min : sec)	Mets	Speed (Km/h)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mV/s)
Supine	0 : 35	1.0	0	0	64	120 / 80	-0.51 aVR	0.42 I
Standing	0 : 15	1.0	0	0	63	120 / 80	-0.25 III	0.42 I
Hyperventilation	0 : 10	1.0	0	0	67	120 / 80	-0.51 III	0.42 I
1	3 : 0	4.6	2.7	10	103	130 / 80	-2.28 I	2.95 V2
2	3 : 0	7.0	4	12	129	140 / 90	-1.27 III	2.53 II
Peak Ex	2 : 13	10.2	5.4	14	131	140 / 90	-2.78 aVR	2.11 I
Recovery(1)	2 : 0	1.8	1.6	0	86	140 / 90	-1.01 I	2.11 I
Recovery(2)	2 : 0	1.0	0	0	75	130 / 80	-0.76 II	0.42 I
Recovery(3)	1 : 0	1.0	0	0	75	120 / 80	-0.51 aVF	0.42 I
Recovery(4)	0 : 16	1.0	0	0	81	120 / 80	-0.51 aVF	-0.84 aVR

**Interpretation**
**COMMENTS**

- :- FAIR EXERCISE (10.20 METS) TOLERANCE.
- :- NORMAL BP RESPONSE TARGET HEART RATE ACHIEVED.
- :- NO SIGNIFICANT ST-T SEGMENT CHANGES SEEN IN LEADS.
- :- THE TEST TERMINATED DUE TO -HEART RATE ACHIEVED.

**IMPRESSION** :- THE TEST IS NEGATIVE FOR INDUCIBLE ISCHAEMIA.

Ref. Doctor: Dr. ADITYA KUMAR

( Summary Report edited by user )

Doctor: Dr. ADITYA KUMAR

Schiller CS-20 V 1.9

## DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	: MRS. ALKA KUMARI	IPD No.	:
Age	: 32 Yrs 5 Mth	UHID	: APH000013665
Gender	: FEMALE	Bill No.	: APHHC230000218
Ref. Doctor	: MEDIWHEEL	Bill Date	: 25-02-2023 09:46:51
Ward	:	Room No.	:
		Print Date	: 26-02-2023 12:01:15

### 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.  
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.

## NON INVASIVE CARDIOLOGY

Patient Name	: MRS. ALKA KUMARI	IPD No.	:
Age	: 32 Yrs 5 Mth	UHID	: APH000013665
Gender	: FEMALE	Bill No.	: APHHC230000218
Ref. Doctor	: MEDIWHEEL	Bill Date	: 25-02-2023 09:46:51
Ward	:	Room No.	:
		Procedure Date	: 25-02-2023 17:24:08

### ECHOCARDIOGRAPHY COLOUR DOPPLER REPORT

#### M MODE STUDY (MEASUREMENTS)

**Left Ventricle:-**

EDD:	45	(mm)	Left Atrium	30	(mm)
ESD:	29	(mm)	Aortic Root	35	(mm)
IVS Thickness (D/S)	0.9/1.6	(mm)	Right Ventricle (TAPSE)	21	(mm)
LVPW Thickness	0.9/1.8	(mm)	Pericardium	NORMAL	
LVEF	65	(%)			

**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
		(mm Hg)				
MV E/A	0.57/0.43					MR:-NIL
AV	1.19	5.66				AR:- NIL
TV	0.96	3.42				TR:- NIL
PV	0.95	3.22				PR:- NIL

**IMPRESSION: -**

No RWMA.  
Normal Cardiac Chamber Dimensions.  
Normal LV/RV Systolic Function, LVEF-65%.  
No LA-LAA Clot/ Vegetation/ Pericardial Effusion.

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

**FINAL REPORT**

Bill No.	: APHHC230000218	Bill Date	: 25-02-2023 09:46
Patient Name	: MRS. ALKA KUMARI	UHID	: APH000013665
Age / Gender	: 32 Yrs 5 Mth / FEMALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH230004543	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:04
		Reporting Date & Time	: 25-02-2023 16:11

**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)		4.7	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		4.1	million/cumm	3.8 - 4.8
HAEMOGLOBIN (SLS Hbi Detection)	L	11.1	g/dL	12 - 15
PACK CELL VOLUME (Cumulative Pulse Height Detection)	L	34.2	%	36 - 46
MEAN CORPUSCULAR VOLUME		83.9	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		27.2	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		32.4	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		153	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		40.9	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)		13.6	%	11.6 - 14

**DIFFERENTIAL LEUCOCYTE COUNT**

NEUTROPHILS		53	%	40 - 80
LYMPHOCYTES		40	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS		2	%	1 - 5
BASOPHILS		0	%	0 - 1

ESR (Westergren)	H	40	mm 1st hr	0 - 20
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**\*\* End of Report \*\***

**IMPORTANT INSTRUCTIONS**

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

*Ashish*

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

**FINAL REPORT**

<b>Bill No.</b>	: APHHC230000218	<b>Bill Date</b>	: 25-02-2023 09:46
<b>Patient Name</b>	: MRS. ALKA KUMARI	<b>UHID</b>	: APH000013665
<b>Age / Gender</b>	: 32 Yrs 5 Mth / FEMALE	<b>Patient Type</b>	: OPD <b>If PHC</b> :
<b>Ref. Consultant</b>	: MEDIWHEEL	<b>Ward / Bed</b>	: /
<b>Sample ID</b>	: APH23004547	<b>Current Ward / Bed</b>	: /
	:	<b>Receiving Date &amp; Time</b>	: 25-02-2023 12:04
	:	<b>Reporting Date &amp; Time</b>	: 25-02-2023 19:55

MBBS,MD  
CONSULTANT

**FINAL REPORT**

Bill No.	: APHHC230000218	Bill Date	: 25-02-2023 09:46
Patient Name	: MRS. ALKA KUMARI	UHID	: APH000013665
Age / Gender	: 32 Yrs 5 Mth / FEMALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004547	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:04
		Reporting Date & Time	: 25-02-2023 19:55

**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)		1.11	nmol/l	0.95-2.5
T4 TOTAL (ELFA)		68.84	nmol/l	60-120
THYROID STIMULATING HORMONE (ELFA)	H	23.40	μIU/mL	0.25-5

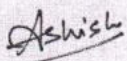
TESTS	RESULTS	EXPECTED VALUES
<b>THYROID PROFILE TOTAL (T3,T4,TSH TOTAL)</b>		
Thyroid-Stimulating Hormone (TSH)		0.25-5μIU/ml
Serum Triiodothyronine (T3 TOTAL)		0.95-2.5nmol/l
Serum Thyroxine (T4 TOTAL)		60-120nmol/l

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 \*\***
**IMPORTANT INSTRUCTIONS**

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



DR. ASHISH RANJAN SINGH

**FINAL REPORT**

Bill No.	: APHHC230000218	Bill Date	: 25-02-2023 09:46
Patient Name	: MRS. ALKA KUMARI	UHID	: APH000013665
Age / Gender	: 32 Yrs 5 Mth / FEMALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004666	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 18:54
		Reporting Date & Time	: 25-02-2023 19:50

**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	20 mL
COLOUR	Pale Straw
TURBIDITY	Slight hazy

**CHEMICAL EXAMINATION**

PH (Double pH indicator method)	5.0	5.0 - 8.5
PROTEINS (Protein-error-of-indicators)	Negative	Negative
SUGAR (GOD POD Method)	Negative	Negative
SPECIFIC GRAVITY, URINE (Apparent pKa change)	1.010	1.005 - 1.030

**MICROSCOPIC EXAMINATION**

LEUCOCYTES	2-3	/HPF	0 - 5
RBC's	Nil		
EPITHELIAL CELLS	1-2		
CASTS	Nil		
CRYSTALS	Nil		
URINE-SUGAR	NEGATIVE		

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

**IMPORTANT INSTRUCTIONS**

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

*Ashish*

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

**FINAL REPORT**

Bill No.	: APHHC230000218	Bill Date	: 25-02-2023 09:46
Patient Name	: MRS. ALKA KUMARI	UHID	: APH000013665
Age / Gender	: 32 Yrs 5 Mth / FEMALE	Patient Type	: OPD <span style="float: right;">If PHC :</span>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004544	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:04
		Reporting Date & Time	: 26-02-2023 17:53

**BLOOD BANK REPORTING**

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

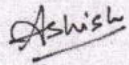
**MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE BELOW40@2550**

BLOOD GROUP (ABO)	"O"
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.	: APHHC230000218	Bill Date	: 25-02-2023 09:46
Patient Name	: MRS. ALKA KUMARI	UHID	: APH000013665
Age / Gender	: 32 Yrs 5 Mth / FEMALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004546	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:04
		Reporting Date & Time	: 25-02-2023 18:45

Sample Type: EDTA Whole Blood, Serum

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

HBA1C (Turbidimetric Immuno-inhibition)	5.4	%	4.0 - 6.2
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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

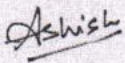
Note:

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 \*\***

**IMPORTANT INSTRUCTIONS**

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



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

**FINAL REPORT**

Bill No.	: APHHC230000218	Bill Date	: 25-02-2023 09:46
Patient Name	: MRS. ALKA KUMARI	UHID	: APH000013665
Age / Gender	: 32 Yrs 5 Mth / FEMALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004546	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:04
		Reporting Date & Time	: 25-02-2023 18:45

ALKALINE PHOSPHATASE (IFCC AMP BUFFER)	65.5	IU/L	42 - 98
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)	19.1	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	18.8	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)	11.3	IU/L	7 - 35
LACTATE DEHYDROGENASE (IFCC; L-P)	142.8	IU/L	0 - 248
S.PROTEIN-TOTAL (Bluret)	6.3	g/dL	6 - 8.1
URIC ACID (Uricase - Trinder)	2.7	mg/dL	2.6 - 7.2

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

**IMPORTANT INSTRUCTIONS**

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

*Ashish*

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

## FINAL REPORT

Bill No.	: APHHC23000218	Bill Date	: 25-02-2023 09:46
Patient Name	: MRS. ALKA KUMARI	UHID	: APH000013665
Age / Gender	: 32 Yrs 5 Mth / FEMALE	Patient Type	: OPD <span style="float:right">If PHC :</span>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004546	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:04
		Reporting Date & Time	: 25-02-2023 18:45

## BIOCHEMISTRY REPORTING

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

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

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		22	mg/dL	15 - 45
BUN (CALCULATED)		10.3	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	L	0.5	mg/dL	0.6 - 1.1
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		88.0	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)

### LIPID PROFILE

CHOLESTROL-TOTAL <small>(CHO-POD)</small>	H	205	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Inhibition</small>		58	mg/dL	>45
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	139	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>		50	mg/dL	0 - 160
NON-HDL CHOLESTROL	H	147.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		3.5		½Average 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		2.4		½Average 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		10	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>(DPD)</small>		0.78	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.10	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.68	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Biuret)</small>		6.3	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		3.8	g/dL	
S.GLOBULIN	L	2.5	g/dL	2.8-3.8
A/G RATIO		1.52		1.5 - 2.5