

NON INVASIVE CARDIOLOGY

Patient Name	: MR. RAJAN KUMAR	IPD No.	:
Age	: 35 Yrs	UHID	: APH000013673
Gender	: MALE	Bill No.	: APHHC230000225
Ref. Doctor	: MEDIWHEEL	Bill Date	: 25-02-2023 10:27:58
Ward	:	Room No.	:
		Procedure Date	: 25-02-2023 11:34:52

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	62	(%)			

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 ²)	REGURGITATION
MV E/A	0.71/0.62					MR:-NIL
AV	1.19	5.66				AR:- NIL
TV	0.96	3.42				TR:- NIL
PV	0.90	3.22				PR:- NIL

IMPRESSION:-

No RWMA.
Normal Cardiac Chamber Dimensions.
Normal LV/RV Systolic Function, LVEF-62%.
No LA-LAA Clot/ Vegetation/ Pericardial Effusion.

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

Asian City Hospital (A unit of Blue Sapphire Healthcare Pvt. Ltd.) CIN : U74999DL2007PTC159674

Patient Details

Name: MR.RAJAN KUMAR ID: APH000013673

Date: 25-Feb-23

Time: 11:46:31 AM

Age: 35 y

Sex: M

Height: 172 cms.

Weight: 72 Kg.

Clinical History:

Medications:

Test Details

Protocol: Bruce

Pr.MHR: 185 bpm

THR: 166 (90 % of Pr.MHR) bpm

Total Exec. Time: 8 m 10 s

Max. HR: 147 (79% of Pr.MHR)bpm

Max. Mets: 10.20

Max. BP: 140 / 90 mmHg

Max. BP x HR: 20580 mmHg/min

Min. BP x HR: 6240 mmHg/min

Test Termination Criteria:

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 : 16	1.0	0	0	84	120 / 80	-2.28 aVR	3.80 V2
Standing	0 : 10	1.0	0	0	86	120 / 80	-2.28 aVR	3.80 V2
Hyperventilation	0 : 11	1.0	0	0	83	120 / 80	-1.27 aVR	2.53 V2
1	3 : 0	4.6	2.7	10	110	130 / 80	-2.03 aVR	3.80 V2
2	3 : 0	7.0	4	12	127	140 / 90	-1.52 aVR	4.22 V2
Peak Ex	2 : 10	10.2	5.4	14	147	140 / 90	-1.52 aVR	4.64 V2
Recovery(1)	2 : 0	1.8	1.6	0	82	140 / 90	-1.77 aVR	5.06 II
Recovery(2)	2 : 0	1.0	0	0	88	140 / 90	-1.01 aVR	2.95 V2
Recovery(3)	1 : 0	1.0	0	0	78	120 / 80	-1.01 aVR	3.80 II
Recovery(4)	0 : 4	1.0	0	0	80	120 / 80	-2.28 aVR	3.80 V2

Interpretation
COMMENTS

- FAIR EXERCISE (10.20 METS) TOLERANCE.
- NORMAL BP RESPONSE TARGET HEART RATE ACHIEVED.
- NO SIGNIFICANT ST-T SIGMENT 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

Asian City Hospital (A unit of Blue Sapphire Healthcare Pvt. Ltd.) CIN : U74999DL2007PTC159674

DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	: MR. RAJAN KUMAR	IPD No.	:	
Age	: 35 Yrs	UHID	:	APH000013673
Gender	: MALE	Bill No.	:	APHHC230000225
Ref. Doctor	: MEDIWHEEL	Bill Date	:	25-02-2023 10:27:58
Ward	:	Room No.	:	
		Print Date	:	26-02-2023 12:08:28

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.

FINAL REPORT

Bill No.	: APHHC230000225	Bill Date	: 25-02-2023 10:27
Patient Name	: MR. RAJAN KUMAR	UHID	: APH000013673
Age / Gender	: 35 Yrs / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004538	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:01
		Reporting Date & Time	: 25-02-2023 16:13

HAEMATOLOGY REPORTING

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

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400
CBC -1 (COMPLETE BLOOD COUNT)

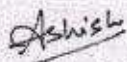
TOTAL LEUCOCYTE COUNT (Flow Cytometry)		6.6	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		5.2	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hi) Detection)		15.4	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)		45.4	%	40 - 50
MEAN CORPUSCULAR VOLUME		87.0	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		29.5	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		33.9	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		164	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		44.2	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	14.2	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		56	%	40 - 80
LYMPHOCYTES		39	%	20 - 40
MONOCYTES		4	%	2 - 10
EOSINOPHILS		1	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)	H	20	mm 1st hr	0 - 10

**** 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.	: APHHC230000225	Bill Date	: 25-02-2023 10:27
Patient Name	: MR. RAJAN KUMAR	UHID	: APH000013673
Age / Gender	: 35 Yrs / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004664	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 18:53
		Reporting Date & Time	: 25-02-2023 19:51

CLINICAL PATH REPORTING

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

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

URINE, ROUTINE EXAMINATION

PHYSICAL EXAMINATION

QUANTITY	30 mL		
COLOUR	Pale yellow		Pale Yellow
TURBIDITY	Clear		

CHEMICAL EXAMINATION

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

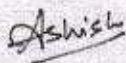
MICROSCOPIC EXAMINATION

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

**** End of Report ****

IMPORTANT INSTRUCTIONS

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FINAL REPORT

Bill No. : APHHC230000225	Bill Date : 25-02-2023 10:27
Patient Name : MR. RAJAN KUMAR	UHID : APH000013673
Age / Gender : 35 Yrs / MALE	Patient Type : OPD
Ref. Consultant : MEDIWHEEL	Ward / Bed : /
Sample ID : APH23004540	Current Ward / Bed : /
	Receiving Date & Time : 25-02-2023 12:01
	Reporting Date & Time : 25-02-2023 18:49

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_MALE(BELOW-40)@2400

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		30	mg/dL	15 - 45
BUN (CALCULATED)		14.0	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe's Kinetic)</small>	L	0.7	mg/dL	0.9 - 1.3
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		87.0	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>(O-G-POD)</small>	H	225	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Inhibition</small>		43	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	163	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>	H	232	mg/dL	0 - 160
NON-HDL CHOLESTROL	H	182.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		5.2		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		3.8		1/2 Average Risk <1.0 Average Risk 1.0-3.6 2 Times Average Risk 3.7-6.3 3 Times Average Risk 6.4-8.0
CHOLESTROL-VLDL	H	46	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>		0.55	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPO)</small>		0.07	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.48	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Buret)</small>		7.4	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		4.7	g/dL	
S.GLOBULIN	L	2.7	g/dL	2.8-3.8
A/G RATIO		1.74		1.5 - 2.5

FINAL REPORT

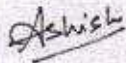
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Patient Name	: MR. RAJAN KUMAR	UHID	: APH000013673
Age / Gender	: 35 Yrs / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004540	Current Ward / Bed	: /
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ALKALINE PHOSPHATASE (IFCC AMP BUFFER)		79.3	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)		35.9	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	H	71.0	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)		44.4	IU/L	11 - 50
LACTATE DEHYDROGENASE (IFCC; L-P)		166.1	IU/L	0 - 248
S.PROTEIN-TOTAL (Buret)		7.4	g/dL	6 - 8.1
URIC ACID Uricase - Trinder		6.2	mg/dL	2.6 - 7.2

**** End of Report ****

IMPORTANT INSTRUCTIONS

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Sample ID	: APH23004540	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:01
		Reporting Date & Time	: 25-02-2023 18:49

Sample Type: EDTA Whole Blood, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

HbA1c (Turbidimetric Immuno-inhibition)

5.0

%

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 ****

IMPORTANT INSTRUCTIONS

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Ashish

DR. ASHISH RANJAN SINGH
MBBS, MD
CONSULTANT

FINAL REPORT

Bill No. : APHHC230000225	Bill Date : 25-02-2023 10:27
Patient Name : MR. RAJAN KUMAR	UHID : APH000013673
Age / Gender : 35 Yrs / MALE	Patient Type : OPD
Ref. Consultant : MEDIWHEEL	Ward / Bed : /
Sample ID : APH23004541	Current Ward / Bed : /
	Receiving Date & Time : 25-02-2023 12:01
	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_MALE(BELOW-40)@2400

T3 TOTAL (ELFA)	1.35	nmol/l	0.95-2.5
T4 TOTAL (ELFA)	74.05	nmol/l	60-120
THYROID STIMULATING HORMONE (ELFA)	2.16	μIU/mL	0.25-5

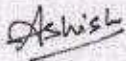
TESTS	RESULTS	EXPECTED VALUES
THYROID PROFILE TOTAL (T3,T4,TSH TOTAL)		
Thyroid-Stimulating Hormone (TSH)		0.25-5μIU/ml
Serum Triiodothyronine (T3 TOTAL)		0.95-2.5nmol/l
Serum Thyroxine (T4 TOTAL)		60-120nmol/l

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

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MBBS,MD
CONSULTANT

FINAL REPORT

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Patient Name	: MR. RAJAN KUMAR	UHID	: APH000013673
Age / Gender	: 35 Yrs / MALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004542	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:03
		Reporting Date & Time	: 26-02-2023 17:54

BLOOD BANK REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
Sample Type: EDTA Whole Blood				
MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400				
BLOOD GROUP (ABO)		"B"		
RH TYPE		POSITIVE		

**** End of Report ****

IMPORTANT INSTRUCTIONS

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

Ashish

DR. ASHISH RANJAN SINGH
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