

DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : ULTRASOUND

Patient Name	: MR. ARBIND KR. SUMAN	IPD No.	:
Age	: 41 Yrs 1 Mth	UHID	: APH000013740
Gender	: MALE	Bill No.	: APHHC230000246
Ref. Doctor	: MEDIWHEEL	Bill Date	: 02-03-2023 09:12:06
Ward	:	Room No.	:
		Print Date	: 02-03-2023 11:20:26

WHOLE ABDOMEN:

Both the hepatic lobes are mildly enlarge in size and shows moderate increase in parenchymal echogenicity S/O grade II fatty liver infiltration. (Liver measures 17 cm).

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 (12.1 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (10.8x4.6 cm), Left kidney (9.7x4.2 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder appears normal.

Prostate appears normal in size (Vol. 16 cc), outline and echotexture.

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

No significant lymphadenopathy seen.

No dilated bowel loop seen.

IMPRESSION:

Mild hepatomegaly with grade II fatty changes.

Please correlate clinically.

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

Prepare By.
MD.SALMAN

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.	: APHHC230000246	Bill Date	: 02-03-2023 09:12
Patient Name	: MR. ARBIND KR. SUMAN	UHID	: APH000013740
Age / Gender	: 41 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC : :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH230005059	Current Ward / Bed	: /
		Receiving Date & Time	: 02-03-2023 10:54
		Reporting Date & Time	: 02-03-2023 14:14

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_MALE(BELOW-40)@2400

BLOOD GROUP (ABO)	"A"
RH TYPE	POSITIVE

**** 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.	: APHHC230000246	Bill Date	: 02-03-2023 09:12
Patient Name	: MR. ARBIND KR. SUMAN	UHID	: APH000013740
Age / Gender	: 41 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23005056	Current Ward / Bed	: /
		Receiving Date & Time	: 02-03-2023 10:52
		Reporting Date & Time	: 02-03-2023 13:54

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)		7.2	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		4.8	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hb Detection)		13.0	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)	L	39.0	%	40 - 50
MEAN CORPUSCULAR VOLUME	L	80.9	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN	L	26.9	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		33.3	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		150	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		43.3	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	15.0	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		76	%	40 - 80
LYMPHOCYTES	L	17	%	20 - 40
MONOCYTES		6	%	2 - 10
EOSINOPHILS		1	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)	H	56	mm 1st hr	0 - 10

**** End of Report ****

IMPORTANT INSTRUCTIONS

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

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FINAL REPORT

Bill No.	: APHHC230000246	Bill Date	: 02-03-2023 09:12
Patient Name	: MR. ARBIND KR. SUMAN	UHID	: APH000013740
Age / Gender	: 41 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23005106	Current Ward / Bed	: /
		Receiving Date & Time	: 02-03-2023 16:19
		Reporting Date & Time	: 02-03-2023 17:35

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_MALE(BELOW-40)@2400

BLOOD UREA <small>Ureaase-GDH Kinetic</small>		18	mg/dL	15 - 45
BUN (CALCULATED)		8.4	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	L	0.8	mg/dL	0.9 - 1.3
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		102.0	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>		121.0	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-POD)</small>	H	189	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>	L	37	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	134	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>	H	406	mg/dL	0 - 160
NON-HDL CHOLESTROL	H	152.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		5.1		½ 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		3.6		½ 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	81	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>	H	1.59	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPO)</small>	H	0.25	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT	H	1.34	mg/dL	0.2 - 0.8

FINAL REPORT

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Patient Name	: MR. ARBIND KR. SUMAN	UHID	: APH000013740
Age / Gender	: 41 Yrs 1 Mth / MALE	Patient Type	: OPD <input type="checkbox"/> If PHC <input type="checkbox"/>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23005106	Current Ward / Bed	: /
		Receiving Date & Time	: 02-03-2023 16:19
		Reporting Date & Time	: 02-03-2023 17:35

S.PROTEIN-TOTAL (Biuret)		6.7	g/dL	6 - 8.1
ALBUMIN-SERUM (Dye Binding-Bromocresol Green)		4.2	g/dL	
S.GLOBULIN	L	2.5	g/dL	2.8-3.8
A/G RATIO		1.68		1.5 - 2.5
ALKALINE PHOSPHATASE IFCC AMP BUFFER	H	162.2	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)	H	49.4	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	H	84.1	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)	H	79.5	IU/L	11 - 50
LACTATE DEHYDROGENASE (IFCC; L-P)		211.2	IU/L	0 - 248
S.PROTEIN-TOTAL (Biuret)		6.7	g/dL	6 - 8.1
URIC ACID Uricase - Trinder		5.7	mg/dL	2.6 - 7.2

**** End of Report ****

IMPORTANT INSTRUCTIONS

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FINAL REPORT

Bill No.	: APHHC230000246	Bill Date	: 02-03-2023 09:12
Patient Name	: MR. ARBIND KR. SUMAN	UHID	: APH000013740
Age / Gender	: 41 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23005106	Current Ward / Bed	: /
		Receiving Date & Time	: 02-03-2023 16:19
		Reporting Date & Time	: 02-03-2023 17:35

Sample Type: EDTA Whole Blood, Plasma, Serum

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

HBA1C (Glycosylated Hemoglobin)	5.3	%	4.0 - 6.2
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INTERPRETATION:

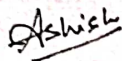
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- 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.	: APHOP230002445	Bill Date	: 02-03-2023 14:33
Patient Name	: MR. ARBIND KR. SUMAN	UHID	: APH000013740
Age / Gender	: 41 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23005093	Current Ward / Bed	: /
		Receiving Date & Time	: 02-03-2023 14:55
		Reporting Date & Time	: 02-03-2023 17:41

SEROLOGY REPORTING

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

THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)		2.83	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		0.96	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)		2.36	mIU/L	0.27-4.20

**** End of Report ****

IMPORTANT INSTRUCTIONS

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CONSULTANT

FINAL REPORT

Bill No.	: APHHC230000246	Bill Date	: 02-03-2023 09:12
Patient Name	: MR. ARBIND KR. SUMAN	UHID	: APH000013740
Age / Gender	: 41 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC : <input type="checkbox"/>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23005095	Current Ward / Bed	: /
		Receiving Date & Time	: 02-03-2023 14:56
		Reporting Date & Time	: 02-03-2023 17:37

CLINICAL PATH REPORTING

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

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

STOOL ROUTINE EXAMINATION

PHYSICAL EXAMINATION

COLOUR	BROWN
CONSISTENCY	SEMI SOLID
BLOOD	ABSENT
MUCOUS	ABSENT

MICROSCOPIC EXAMINATION

PUS CELLS	0-1
RBC's	NIL
TROPHOZOITES	NOT DETECTED
CYSTS	NOT DETECTED
OVA	NOT DETECTED

URINE, ROUTINE EXAMINATION

PHYSICAL EXAMINATION

QUANTITY	25 mL		
COLOUR	Pale yellow		Pale Yellow
TURBIDITY	Clear		

CHEMICAL EXAMINATION

PH (Double pH Indicator method)	7.0		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	1-2	/HPF	0 - 5
RBC's	Nil		
EPITHELIAL CELLS	0-1		
CASTS	Nil		
CRYSTALS	Nil		
URINE-SUGAR	Nil		

**** End of Report ****

IMPORTANT INSTRUCTIONS

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



Patient Details

PER SPECIALITY DATE

Date: 02-Mar-23

Time: 12:30:38 PM

Name: MR. ARBIND KR. SUMAN ID: APH000013740

Age: 41 y

Sex: M

Height: -- cms

Weight: 66 Kgs

Clinical History:

Medications:

Test Details

Protocol: Bruce

Pr.MHR: 179 bpm

THR: 161 (90 % of Pr.MHR) bpm

Total Exec. Time: 9 m 5 s

Max. HR: 154 (86% of Pr.MHR) bpm

Max. Mets: 13.50

Max. BP: 150 / 70 mmHg

Max. BP x HR: 23100 mmHg/min

Min. BP x HR: 6370 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 : 17	1.0	0	0	102	110 / 70	-1.27 III	3.38 V2
Standing	0 : 12	1.0	0	0	99	110 / 70	-1.77 III	3.80 V2
Hyperventilation	0 : 13	1.0	0	0	91	110 / 70	-1.52 III	3.80 V2
1	3 : 0	4.6	2.7	10	139	120 / 70	-2.28 III	5.91 V2
2	3 : 0	7.0	4	12	142	130 / 70	-2.78 III	5.91 I
3	3 : 0	10.2	5.4	14	153	150 / 70	-3.04 III	5.91 V2
Peak Ex	0 : 5	13.5	6.7	16	154	150 / 70	-2.78 III	5.91 V2
Recovery(1)	2 : 0	1.8	1.6	0	111	150 / 70	-2.53 aVF	5.91 I
Recovery(2)	1 : 5	1.0	0	0	100	130 / 70	-4.30 aVR	4.64 I

Interpretation

COMMENTS

- : FAIR EXCERCISE (13.50 METS) TOLERANCE.
- : NORMAL BP RESPONSE TARGET HEART RATE ACHIEVED.
- : NO SIGNIFICANT ST-T SIGEMENT 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

NON INVASIVE CARDIOLOGY

Patient Name	: MR. ARBIND KR. SUMAN	IPD No.	:
Age	: 41 Yrs 1 Mth	UHID	: APH066013740
Gender	: MALE	Bill No.	: APHHC230005246
Ref. Doctor	: MEDIWHEEL	Bill Date	: 02-03-2023 09:12:06
Ward	:	Room No.	:
		Procedure Date	: 02-03-2023 09:00:00

ECHOCARDIOGRAPHY COLOUR DOPPLER REPORT

M MODE STUDY (MEASUREMENTS)

Left Ventricle:-

EDD:	34	(mm)	Left Atrium	29	(mm)
ESD:	32	(mm)	Aortic Root	30	(mm)
IVS Thickness (D/S)	1.2/1.6	(mm)	Right Ventricle (TAPSE)	21	(mm)
LVPW Thickness	1.1/1.6	(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 (mm Hg)	Orifice Area (cm ²)	REGURGITATION
MV E/A	0.59/0.79			MR:-NIL
AV	1.36	7.40		AR:- NIL
TV	1.24	6.10		TR:- NIL
PV	1.16	5.36		PR:- NIL

IMPRESSION:-

No RWMA.
Mild Concentric LVH.
Grade I LVDD
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

Patient:

MR arbind kr suman

HR 92/min

Axis: α 11°

SINUS RHYTHM
OTHERWISE NORMAL ECG

13740

41 year / M

.....cm /kg

Interval: s:
RR 653 ms
P 104 ms

20°

5.62

PR 124 ms
QR5 78 ms
QT 328 ms
QTc 410 ms

P (II) 0.11 mV
S (V1) -0.95 mV
R (V5) 1.64 mV
Sokol. 3.58 mV

10 mm/mV

10 mm/mV

