

FINAL REPORT

Bill No.	: APHHC230000164	Bill Date	: 13-02-2023 09:25
Patient Name	: MR. GAURAV KUMAR	UHID	: APH000013467
Age / Gender	: 30 Yrs 1 Mth / MALE	Patient Type	: OPD <input type="checkbox"/> If PHC <input type="checkbox"/>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23003559	Current Ward / Bed	: /
		Receiving Date & Time	: 13-02-2023 09:58
		Reporting Date & Time	: 13-02-2023 13:40

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)		"A"		
RH TYPE		NEGATIVE		

**** End of Report ****

IMPORTANT INSTRUCTIONS

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



DR. ASHISH RANJAN SINGH
MBBS,MD
CONSULTANT

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Age / Gender	: 30 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23003590	Current Ward / Bed	: /
		Receiving Date & Time	: 13-02-2023 13:40
		Reporting Date & Time	: 13-02-2023 15:33

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	25 mL	
COLOUR	Pale Straw	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 (GOD POD Method)	Negative	Negative
SPECIFIC GRAVITY, URINE (Apparent pKa change)	1.015	1.005 - 1.030

MICROSCOPIC EXAMINATION

LEUCOCYTES	0-1	/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. : APHHC230000164	Bill Date : 13-02-2023 09:25
Patient Name : MR. GAURAV KUMAR	UHID : APH000013457
Age / Gender : 30 Yrs 1 Mth / MALE	Patient Type : OPD If PHC :
Ref. Consultant : MEDWHEEL	Ward / Bed : /
Sample ID : APH23003600	Current Ward / Bed : /
	Receiving Date & Time : 13-02-2023 14:32
	Reporting Date & Time : 13-02-2023 15:31

BIOCHEMISTRY REPORTING

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

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

BLOOD UREA (UREA) (CLIA, Chem)		22	mg/dL	15 - 45
BUN (CLIA, Chem)		10.3	mg/dL	7 - 21
CREATININE-SERUM (Creat) (CLIA, Chem)		0.9	mg/dL	0.9 - 1.3
GLUCOSE-PLASMA (FASTING) (LN, Hexokinase)	H	107.0	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) (LN, Hexokinase)		102.0	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 (C-C-POD)	H	169	mg/dL	0 - 160
HDL CHOLESTROL (Enzymatic Immunoblot)	L	38	mg/dL	>40
CHOLESTROL-LDL DIRECT (Enzymatic Selective Protection)	H	121	mg/dL	0 - 100
S.TRIGLYCERIDES (GPO-POD)		78	mg/dL	0 - 160
NON-HDL CHOLESTROL	H	131.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		4.4		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		3.2		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		16	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 (PO)		0.75	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT (PO)		0.15	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.60	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL (Buret)		6.5	g/dL	6 - 8.1

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ALBUMIN-SERUM (Dye Binding-Bromocresol Green)		4.1	g/dL	
S.GLOBULIN	L	2.4	g/dL	2.8-3.8
A/G RATIO		1.71		1.5 - 2.5
ALKALINE PHOSPHATASE (IFCC AMP BUFFER)		108.1	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)	H	48.3	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	H	93.6	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)		12.9	IU/L	11 - 50
LACTATE DEHYDROGENASE (IFCC; L-P)		144.7	IU/L	0 - 248
S.PROTEIN-TOTAL (Sures)		6.5	g/dL	6 - 8.1
URIC ACID (尿酸 - Trinder)		4.8	mg/dL	2.6 - 7.2

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Sample Type: EDTA Whole Blood, Plasma, Serum

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

HBA1C (Turbidimetric Immuno-inhibition)	5.2	%	4.0 - 6.2
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INTERPRETATION:

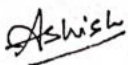
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- 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.

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23003553	Current Ward / Bed	: /
		Receiving Date & Time	: 13-02-2023 09:52
		Reporting Date & Time	: 13-02-2023 12:44

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)		1.68	nmol/l	0.95-2.5
T4 TOTAL (ELFA)		108.21	nmol/l	60-120
THYROID STIMULATING HORMONE (ELFA)		2.35	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

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Age / Gender	: 30 Yrs 1 Mth / MALE	Patient Type	: OPD	If PHC	:
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /		
Sample ID	: APH23003553	Current Ward / Bed	: /		
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MBBS,MD
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Age / Gender	: 30 Yrs 1 Mth / MALE	Patient Type	: OPD	If PHC	:
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /		
Sample ID	: APH23003550	Current Ward / Bed	: /		
		Receiving Date & Time	: 13-02-2023 09:52		
		Reporting Date & Time	: 13-02-2023 12:41		

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)

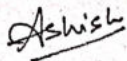
TOTAL LEUCOCYTE COUNT (Flow Cytometry)		5.1	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		5.3	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hb Detection)		15.8	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)		45.4	%	40 - 50
MEAN CORPUSCULAR VOLUME		85.6	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		29.8	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION	H	34.9	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		151	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		43.0	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	14.1	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		53	%	40 - 80
LYMPHOCYTES		39	%	20 - 40
MONOCYTES		6	%	2 - 10
EOSINOPHILS		2	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)		10	mm 1st hr	0 - 10

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DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	: MR. GAURAV KUMAR	IPD No.	:	
Age	: 30 Yrs	UHID	:	APH000013467
Gender	: MALE	Bill No.	:	APHHC230000164
Ref. Doctor	: MEDIWHEEL	Bill Date	:	13-02-2023 09:25:00
Ward	:	Room No.	:	
		Print Date	:	13-02-2023 17:25:03

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.
SHASHANK.S

DR. SHASHANK SHEKHAR, M.D
CONSULTANT

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 : ULTRASOUND

Patient Name	: MR. GAURAV KUMAR	IPD No.	:
Age	: 30 Yrs	UHID	: APH000013467
Gender	: MALE	Bill No.	: APHHC230000164
Ref. Doctor	: MEDIWHEEL	Bill Date	: 13-02-2023 09:25:00
Ward	:	Room No.	:
		Print Date	: 13-02-2023 14:14:28

WHOLE ABDOMEN:

Both the hepatic lobes are normal in size and echotexture (Liver measures 13.7 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 (10.2 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (10.1 x 4.8cm), Left kidney (10.3 x 4.9 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder appears normal.

Prostate appears normal in size, outline and echotexture.

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

No significant lymphadenopathy seen.

No dilated bowel loop seen.

IMPRESSION:

No obvious significant Sonographic abnormality detected .

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

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DR. SHASHANK SHEKHAR, M.D
CONSULTANT

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NON INVASIVE CARDIOLOGY

Patient Name	: MR. GAURAV KUMAR	IPD No.	:
Age	: 30 Yrs	UHID	: APH000013467
Gender	: MALE	Bill No.	: APHHC230000164
Ref. Doctor	: MEDIWHEEL	Bill Date	: 13-02-2023 09:25:00
Ward	:	Room No.	:
		Procedure Date	: 13-02-2023 13:48:08

ECHOCARDIOGRAPHY COLOUR DOPPLER REPORT

M MODE STUDY (MEASUREMENTS)

Left Ventricle:-

EDD:	43	(mm)	Left Atrium	32	(mm)
ESD:	28	(mm)	Aortic Root	34	(mm)
IVS Thickness (D/S)	0.9/1.6	(mm)	Right Ventricle (TAPSE)	21	(mm)
LVPW Thickness	0.9/1.4	(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 ²)	REGURGITATION
MV E/A	0.64/0.39					MR:-NIL
AV	1.19	5.66				AR:- NIL
TV	0.96	3.42				TR:- NIL
PV	0.88	3.07				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