

NON INVASIVE CARDIOLOGY

Patient Name	: MR. BINOD KUMAR	IPD No.	:
Age	: 41 Yrs 7 Mth	UHID	: APH000014337
Gender	: MALE	Bill No.	: APHHC230000437
Ref. Doctor	: MEDIWHEEL	Bill Date	: 08-04-2023 09:04:02
Ward	:	Room No.	:
		Procedure Date	: 10-04-2023 10:22:17

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 ²)	REGURGITATION
		(mm Hg)				
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-63%.
No LA-LAA Clot/ Vegetation/ Pericardial Effusion.

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

FINAL REPORT

Bill No.	: APHHC230000437	Bill Date	: 08-04-2023 09:04
Patient Name	: MR. BINOD KUMAR	UHID	: APH000014337
Age / Gender	: 41 Yrs 8 Mth / MALE	Patient Type	: OPD <input type="checkbox"/> If PHC <input type="checkbox"/>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23008597	Current Ward / Bed	: /
		Receiving Date & Time	: 08-04-2023 11:28
		Reporting Date & Time	: 08-04-2023 16:55

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(ABOVE 40)@2550

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
MBBS, MD
CONSULTANT

FINAL REPORT

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Age / Gender	: 41 Yrs 8 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23008599	Current Ward / Bed	: /
		Receiving Date & Time	: 08-04-2023 11:28
		Reporting Date & Time	: 08-04-2023 15:41

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(ABOVE 40)@2550

BLOOD UREA <small>(Urease-GLDH Kinetic)</small>		18	mg/dL	15 - 45
BUN <small>(CALCULATED)</small>		8.4	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>	H	135.0	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>(CH-PGD)</small>	H	189	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Inhibition</small>		43	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	127	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - PGD)</small>		125	mg/dL	0 - 160
NON-HDL CHOLESTROL	H	146.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		4.4		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		3.0		½Average 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		25	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>		0.96	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPO)</small>		0.18	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.78	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Buret)</small>		7.2	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Immoresol Green)</small>		4.3	g/dL	
S.GLOBULIN		2.9	g/dL	2.8-3.8
A/G RATIO	L	1.48		1.5 - 2.5

FINAL REPORT

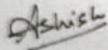
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ALKALINE PHOSPHATASE (IFCC, AMP-BUFFER)	77.5	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)	30.7	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	38.4	IU/L	10 - 40
GAMMA-GLUTAMYL TRANSPEPTIDASE (IFCC)	27.6	IU/L	11 - 50
LACTATE DEHYDROGENASE (IFCC, I-F)	140.9	IU/L	0 - 248
S.PROTEIN-TOTAL (Buret)	7.2	g/dL	6 - 8.1
URIC ACID (Uricase - Trade)	4.9	mg/dL	2.6 - 7.2

**** 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. :	APHHC230000437	Bill Date :	08-04-2023 09:04
Patient Name :	MR. BINOD KUMAR	UHID :	APH000014337
Age / Gender :	41 Yrs 8 Mth / MALE	Patient Type :	OPD If PHC :
Ref. Consultant :	MEDIWHEEL	Ward / Bed :	/
Sample ID :	APH23008599	Current Ward / Bed :	/
		Receiving Date & Time :	08-04-2023 11:28
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Sample Type: EDTA Whole Blood, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP _MALE(ABOVE 40)@2550

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

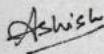
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- 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.

**** End of Report ****

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Age / Gender	: 41 Yrs 8 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23008596	Current Ward / Bed	: /
		Receiving Date & Time	: 08-04-2023 11:28
		Reporting Date & Time	: 08-04-2023 14:43

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(ABOVE 40)@2550
CBC -1 (COMPLETE BLOOD COUNT)

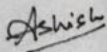
TOTAL LEUCOCYTE COUNT (Flow Cytometry)		7.5	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		5.5	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hb Detection)		14.8	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)		44.6	%	40 - 50
MEAN CORPUSCULAR VOLUME	L	80.4	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN	L	26.8	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		33.3	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		160	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		45.5	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	15.7	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		64	%	40 - 80
LYMPHOCYTES		29	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS		2	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)	H	20	mm 1st hr	0 - 10

**** End of Report ****
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FINAL REPORT

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23008600	Current Ward / Bed	: /
		Receiving Date & Time	: 08-04-2023 11:28
		Reporting Date & Time	: 08-04-2023 17:59

SEROLOGY REPORTING

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

MEDIWHEEL FULL BODY HEALTH CHECKUP _MALE(ABOVE 40)@2550

PROSTATIC SPECIFIC ANTIGEN(TOTAL) (ELFA)		1.00	ng/mL	0 - 4
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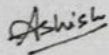
Note:

TPSA as a Tumor marker is used as an additional test for prognosis and monitoring of therapy for patients with diagnosed malignant tumors. It may offer a diagnostic value for screening patients with suspected malignancies, as high values may be experienced in situations like benign prostatic hyperplasia, prostatitis, bladder catheterisation, urinary retention, endoscopic examination. Value in between 4-10ng/ml may be an indication of Benign Prostate Hyperplasia or prostate Carcinoma, values greater than 10ng/ml may indicate high risk of Carcinoma.

The test has been carried out in Fully Automated Immunoassay System VIDAS using ELFA (Enzyme Linked Fluorescence Assay) technology.

**** End of Report ****
IMPORTANT INSTRUCTIONS

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FINAL REPORT

Bill No.	: APHHC230000437	Bill Date	: 08-04-2023 09:04
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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23008600	Current Ward / Bed	: /
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Sample Type: Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP _MALE(ABOVE 40)@2550

THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)	3.28	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)	1.18	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)	3.36	mIU/L	0.27-4.20

**** End of Report ****

IMPORTANT INSTRUCTIONS

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Ashish

DR. ASHISH RANJAN SINGH
MBBS,MD
CONSULTANT

DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : ULTRASOUND

Patient Name	: MR. BINOD KUMAR	IPD No.	:
Age	: 41 Yrs 7 Mth	UHID	: APH000014337
Gender	: MALE	Bill No.	: APHHC230000437
Ref. Doctor	: MEDIWHEEL	Bill Date	: 08-04-2023 09:04:02
Ward	:	Room No.	:
		Print Date	: 08-04-2023 12:19:51

WHOLE ABDOMEN:

Both the hepatic lobes are normal in size and echotexture (Liver measures 12.5 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 (8.6 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (9.2 cm), Left kidney (9.0 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder appears normal.

Prostate appears normal in size (Vol. 20.7 cc), outline and echotexture.

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

No significant lymphadenopathy seen.

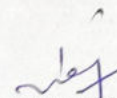
No dilated bowel loop seen.

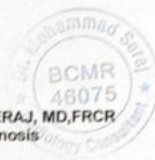
IMPRESSION: Normal study.

Please correlate clinically.....

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

Prepare By.
MD.SERAJ


DR. MUHAMMAD SERAJ, MD,FRCR
(London) Radiodiagnosis
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 : XRAY

Patient Name	: MR. BINOD KUMAR	IPD No.	:
Age	: 41 Yrs 7 Mth	UHID	: APH000014337
Gender	: MALE	Bill No.	: APHHC230000437
Ref. Doctor	: MEDIWHEEL	Bill Date	: 08-04-2023 09:04:02
Ward	:	Room No.	:
		Print Date	: 08-04-2023 10:32:12

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

DR. MUHAMMAD SERAJ, MD, FRCR
(London) Radiodiagnosis
CONSULTANT



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