

# DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : ULTRASOUND

Patient Name	:	MR. RANJAN KUMAR SINGH	IPD No.	:	
Age	:	59 Yrs 9 Mth	UHID	:	APH000018842
Gender	:	MALE	Bill No.	:	APHHC230001381
Ref. Doctor	:	MEDIWHEEL	Bill Date	:	09-12-2023 10:39:43
Ward	:		Room No.	:	
			Print Date	:	09-12-2023 12:31:58

## **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 (7.2 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (9.8 cm), Left kidney (10.8 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder appears normal. (Pre void Vol. 186.3 cc, Post void Vol. 9.6 cc)

Prostate appears normal in size (Vol. 25.9 cc), outline and echotexture.

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

No significant lymphadenopathy seen.

No dilated bowel loop seen.

## **IMPRESSION:- No significant abnormality detected.**

*Please correlate clinically.....*

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

Prepare By.  
MD.SERAJ

DR. MUHAMMAD SERAJ, MD  
Radiodiagnosis,FRCR (London)  
BCMR/46075  
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. RANJAN KUMAR SINGH	IPD No.	:	
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Ref. Doctor	:	MEDIWHEEL	Bill Date	:	09-12-2023 10:39:43
Ward	:		Room No.	:	
			Print Date	:	09-12-2023 15:09:47

## 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

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BCMR/46075  
CONSULTANT

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## FINAL REPORT

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Age / Gender	: 59 Yrs 9 Mth / MALE	Patient Type	: OPD	If PHC	:
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /		
Sample ID	: APH23033834	Current Ward / Bed	: /		
		Receiving Date & Time	: 09-12-2023 12:03		
		Reporting Date & Time	: 09-12-2023 20:06		

## BLOOD BANK REPORTING

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

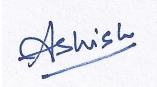
MEDIWHEEL FULL BODY HEALTH CHECKUP \_MALE(ABOVE 40)@2550

BLOOD GROUP (ABO)	"O"
RH TYPE	POSITIVE

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

### IMPORTANT INSTRUCTIONS

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



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MBBS,MD  
CONSULTANT

## FINAL REPORT

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Age / Gender	: 59 Yrs 9 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23033837	Current Ward / Bed	: /
		Receiving Date & Time	: 09-12-2023 12:03
		Reporting Date & Time	: 09-12-2023 18:44

## 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)		0.62	ng/mL	0 - 4
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#### Note:

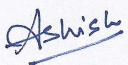
TPSA as a Tumor marker is used as an additional test for prognosis and monitoring of therapy for patients with diagnosed malignant tumors. It may offer a diagnostic value for screening patients with suspected malignancies, as high values may be experienced in situations like benign prostatic hyperplasia, 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 \*\***

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Sample Type: Serum

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

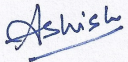
### THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)		2.89	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		1.43	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)	<b>H</b>	<b>9.00</b>	mIU/L	0.27-4.20

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

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## FINAL REPORT

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Age / Gender	: 59 Yrs 9 Mth / MALE	Patient Type	: OPD <span style="float: right;">If PHC : </span>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23033857	Current Ward / Bed	: /
		Receiving Date & Time	: 09-12-2023 13:11
		Reporting Date & Time	: 09-12-2023 18:43

### CLINICAL PATH REPORTING

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

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

#### URINE, ROUTINE EXAMINATION

##### PHYSICAL EXAMINATION

QUANTITY		15 mL		
COLOUR		Pale Straw		Pale Yellow
TURBIDITY		Clear		

##### CHEMICAL EXAMINATION

PH <small>(Double pH indicator method)</small>		6.0		5.0 - 8.5
PROTEINS <small>(Protein-error-of-indicators)</small>		Negative		Negative
SUGAR <small>(GOD POD Method)</small>		Negative		Negative
SPECIFIC GRAVITY, URINE <small>(Apparent pKa change)</small>	<b>L</b>	<b>1.005</b>		1.005 - 1.030

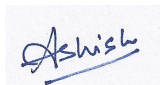
##### MICROSCOPIC EXAMINATION

LEUCOCYTES		1-2	/HPF	0 - 5
RBC's		Nil		
EPITHELIAL CELLS		8-10		
CASTS		Nil		
CRYSTALS		Nil		
URINE-SUGAR		NEGATIVE		

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

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Age / Gender	: 59 Yrs 9 Mth / MALE	Patient Type	: OPD <span style="float: right;">If PHC : </span>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23033833	Current Ward / Bed	: /
		Receiving Date & Time	: 09-12-2023 12:03
		Reporting Date & Time	: 10-12-2023 08:35

### 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 <small>(Flow Cytometry)</small>	<b>H</b>	<b>12.1</b>	thousand/cumm	4 - 11
RED BLOOD CELL COUNT <small>(Hydro Dynamic Focussing)</small>	<b>L</b>	<b>4.0</b>	million/cumm	4.5 - 5.5
HAEMOGLOBIN <small>(SLS Hb Detection)</small>	<b>L</b>	<b>12.1</b>	g/dL	13 - 17
PACK CELL VOLUME <small>(Cumulative Pulse Height Detection)</small>	<b>L</b>	<b>35.8</b>	%	40 - 50
MEAN CORPUSCULAR VOLUME		88.4	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		29.9	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		33.9	g/dL	31.5 - 34.5
PLATELET COUNT <small>(Hydro Dynamic Focussing)</small>	<b>L</b>	<b>115</b>	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) <small>(Particle Size Distribution)</small>		44.5	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	<b>H</b>	<b>14.1</b>	%	11.6 - 14

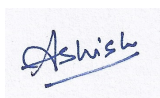
#### DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS	<b>H</b>	<b>90</b>	%	40 - 80
LYMPHOCYTES	<b>L</b>	<b>8</b>	%	20 - 40
MONOCYTES		2	%	2 - 10
EOSINOPHILS	<b>L</b>	<b>0</b>	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR <small>(Westergren)</small>	<b>H</b>	<b>60</b>	mm 1st hr	0 - 10

\*\* End of Report \*\*

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23033836	Current Ward / Bed	: /
		Receiving Date & Time	: 09-12-2023 12:03
		Reporting Date & Time	: 09-12-2023 15:20

### 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>	L	13	mg/dL	15 - 45
BUN <small>(CALCULATED)</small>	L	6.1	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	L	0.6	mg/dL	0.9 - 1.3
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		86.0	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>		130	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Inhibition</small>		49	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>		69	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>		129	mg/dL	0 - 160
NON-HDL CHOLESTROL		81.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		2.7		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		1.4		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		26	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:
  1. Cigarette smoking.
  2. Hypertension.
  3. Family history of premature coronary heart disease.
  4. Pre-existing coronary heart disease.

#### LIVER FUNCTION TESTS (LFT)

BILIRUBIN-TOTAL <small>(DPD)</small>		0.79	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.19	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.60	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Biuret)</small>		6.7	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		4.0	g/dL	
S.GLOBULIN	L	2.7	g/dL	2.8-3.8
A/G RATIO	L	1.48		1.5 - 2.5



## FINAL REPORT

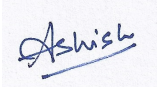
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ALKALINE PHOSPHATASE <small>IFCC AMP BUFFER</small>	63.7	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) <small>(IFCC)</small>	21.2	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) <small>(IFCC)</small>	18.5	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE <small>(IFCC)</small>	11.8	IU/L	11 - 50
LACTATE DEHYDROGENASE <small>(IFCC; L-P)</small>	119.3	IU/L	0 - 248
S.PROTEIN-TOTAL <small>(Biuret)</small>	6.7	g/dL	6 - 8.1
URIC ACID <small>Uricase - Trinder</small>	4.6	mg/dL	2.6 - 7.2

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

### **IMPORTANT INSTRUCTIONS**

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Sample Type: EDTA Whole Blood, Serum

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

HBA1C (Turbidimetric Immuno-inhibition)

6.1

%

4.0 - 6.2

#### INTERPRETATION:

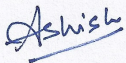
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- 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 \*\***

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