

# DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	:	MR. AVINASH KUMAR SINGH	IPD No.	:	
Age	:	46 Yrs 8 Mth	UHID	:	APH000021286
Gender	:	MALE	Bill No.	:	APHHC240000403
Ref. Doctor	:	MEDIWHEEL	Bill Date	:	09-03-2024 09:27:18
Ward	:		Room No.	:	
			Print Date	:	09-03-2024 13:06:58

## **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.SALMAN

DR. MUHAMMAD SERAJ, MD  
Radiodiagnosis, FRCR (London)  
BCMR/46075  
CONSULTANT

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**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. AVINASH KUMAR SINGH	IPD No.	:	
Age	: 46 Yrs 8 Mth	UHID	:	APH000021286
Gender	: MALE	Bill No.	:	APHHC240000403
Ref. Doctor	: MEDIWHEEL	Bill Date	:	09-03-2024 09:27:18
Ward	:	Room No.	:	
		Print Date	:	09-03-2024 11:15:30

## **WHOLE ABDOMEN:**

**Both the hepatic lobes are normal in size and shows mildly increase in parenchymal echogenicity S/O grade I fatty liver infiltration. (Liver measures 13 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 (9.6 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (10.9 cm), Left kidney (10.3 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder appears normal.

Prostate appears normal in size (Vol. 15.7 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:- Grade I fatty infiltration of liver.**

*Please correlate clinically.....*

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

Prepare By.  
MD.SALMAN

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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.

## FINAL REPORT

Bill No.	: APHHC240000403	Bill Date	: 09-03-2024 09:27
Patient Name	: MR. AVINASH KUMAR SINGH	UHID	: APH000021286
Age / Gender	: 46 Yrs 8 Mth / MALE	Patient Type	: OPD <span style="float: right;">If PHC : </span>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008558	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 11:34
		Reporting Date & Time	: 09-03-2024 17:00

### 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>		6.8	thousand/cumm	4 - 11
RED BLOOD CELL COUNT <small>(Hydro Dynamic Focussing)</small>		5.1	million/cumm	4.5 - 5.5
HAEMOGLOBIN <small>(SLS Hb Detection)</small>		14.0	g/dL	13 - 17
PACK CELL VOLUME <small>(Cumulative Pulse Height Detection)</small>		44.7	%	40 - 50
MEAN CORPUSCULAR VOLUME		88.5	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		27.8	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION	<b>L</b>	<b>31.4</b>	g/dL	31.5 - 34.5
PLATELET COUNT <small>(Hydro Dynamic Focussing)</small>		179	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.)		14.0	%	11.6 - 14

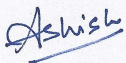
#### DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		61	%	40 - 80
LYMPHOCYTES		32	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS		2	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR <small>(Westergren)</small>	<b>H</b>	<b>32</b>	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.	: APHHC240000403	Bill Date	: 09-03-2024 09:27
Patient Name	: MR. AVINASH KUMAR SINGH	UHID	: APH000021286
Age / Gender	: 46 Yrs 8 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008562	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 11:34
		Reporting Date & Time	: 09-03-2024 22:39

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

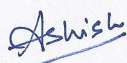
TPSA as a Tumor marker is used as an additional test for prognosis and monitoring of therapy for patients with diagnosed malignant tumors. It may offer a diagnostic value for screening patients with suspected malignancies, as high values may be experienced in situations like benign prostatic hyperplasia,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

Bill No.	: APHHC240000403	Bill Date	: 09-03-2024 09:27
Patient Name	: MR. AVINASH KUMAR SINGH	UHID	: APH000021286
Age / Gender	: 46 Yrs 8 Mth / MALE	Patient Type	: OPD <input type="checkbox"/> If PHC <input type="checkbox"/>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008562	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 11:34
		Reporting Date & Time	: 09-03-2024 22:39

Sample Type: Serum

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

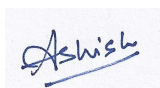
### THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)	2.91	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)	1.28	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)	2.10	mIU/L	0.27-4.20

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

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Age / Gender	: 46 Yrs 8 Mth / MALE	Patient Type	: OPD <span style="float: right;">If PHC : </span>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008634	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 15:50
		Reporting Date & Time	: 09-03-2024 16:42

### 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(ABOVE 40)@2550

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		21	mg/dL	15 - 45
BUN (CALCULATED)		9.8	mg/dL	7 - 21

CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	<b>L</b>	<b>0.8</b>	mg/dL	0.9 - 1.3
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GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		86.0	mg/dL	70 - 100
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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>		73.0	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>		142	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>	<b>L</b>	<b>34</b>	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>		92	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>	<b>H</b>	<b>167</b>	mg/dL	0 - 160
NON-HDL CHOLESTROL		108.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		4.2		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		2.7		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		33	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>		0.72	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.15	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.57	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Biuret)</small>		7.3	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		3.8	g/dL	

## FINAL REPORT

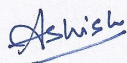
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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008634	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 15:50
		Reporting Date & Time	: 09-03-2024 16:42

S.GLOBULIN		3.5	g/dL	2.8-3.8
A/G RATIO	<b>L</b>	<b>1.09</b>		1.5 - 2.5
ALKALINE PHOSPHATASE <small>(IFCC AMP BUFFER)</small>		79.4	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) <small>(IFCC)</small>		32.0	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) <small>(IFCC)</small>	<b>H</b>	<b>51.4</b>	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE <small>(IFCC)</small>		14.4	IU/L	11 - 50
LACTATE DEHYDROGENASE <small>(IFCC; L-P)</small>		153.4	IU/L	0 - 248
S.PROTEIN-TOTAL <small>(Biuret)</small>		7.3	g/dL	6 - 8.1
URIC ACID <small>Uricase - Trinder</small>		5.4	mg/dL	2.6 - 7.2

\*\* End of Report \*\*

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Age / Gender	: 46 Yrs 8 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008634	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 15:50
		Reporting Date & Time	: 09-03-2024 16:42

Sample Type: EDTA Whole Blood, Plasma, Serum

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

HBA1C (Turbidimetric Immuno-inhibition)	5.6	%	4.0 - 6.2
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#### INTERPRETATION:

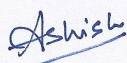
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- 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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## FINAL REPORT

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Patient Name	: MR. AVINASH KUMAR SINGH	UHID	: APH000021286
Age / Gender	: 46 Yrs 8 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008559	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 11:34
		Reporting Date & Time	: 09-03-2024 17:41

## BLOOD BANK REPORTING

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

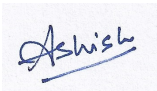
MEDIWHEEL FULL BODY HEALTH CHECKUP \_MALE(ABOVE 40)@2550

BLOOD GROUP (ABO)	"A"
RH TYPE	POSITIVE

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

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## FINAL REPORT

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Patient Name	: MR. AVINASH KUMAR SINGH	UHID	: APH000021286
Age / Gender	: 46 Yrs 8 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008618	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 14:01
		Reporting Date & Time	: 09-03-2024 17:30

### 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		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)		1.010		1.005 - 1.030

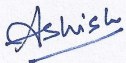
#### MICROSCOPIC EXAMINATION

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

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

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