

UHID	: 161653	Visit ID	: 0000303842
Patient Name	: MR. BINAY KUMAR VERMA	Spec No.	:
Age / Sex	: 40Y / MALE		:
Consultant	: DR. HOSPITAL CASE	Order Date	: 27/01/2024 10:33AM
Ref. By	: DR. HOSPITAL CASE	Samp.Date	:
Category	: MEDIWHEEL	Report Date	: 27/01/24 10:57AM

## SONOGRAPHY USG WHOLE ABDOMEN

- \* **LIVER** :Normal in size and shape. **Diffuse increase in echogenecity seen - Suggestive of fatty infiltration.** IHBRs are not dilated. No focal lesions seen.
- \* **PORTO CAVAL SYSTEM**: Hepatic veins and IVC appear normal and show normal respiratory variation. Splenic vein is normal. Portal vein is normal.
- \* **COLLECTING DUCT & CBD**:Normal in size and have echo lucent lumen.
- \* **GALL BLADDER** :Seen in distended state with normal wall and lumen is echofree
- \* **SPLEEN**:Normal in size, shape & echo texture. No focal lesions seen.
- \* **PANCREAS**:Pancreatic head, body & tail visualized and have ,normal size,shape & echo texture.
- \* **KIDNEYS**: Both kidneys are of normal shape, size and position.  
Cortical thickness is normal .CMD is maintained. There is no evidence of hydronephrosis or calculus
- \* **URINARY BLADDER** : Seen in distended state and has normal wall architecture.Lumen is echo free.
- \* **PROSTATE**:Normal in shape, size and echotexture.No median lobe bulge is seen.

No free fluid is seen in the peritoneal cavity.  
There is no evidence of any retroperitoneal lymphadenopathy/mass.

### FINAL IMPRESSION :

- **Fatty Liver.**
  - Please correlate clinically , followup USG is recommended.

**Dr. DILIP KUMAR SONI**  
MBBS, DMRD  
CGMC 102/2003

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# Sparsh Multispecialty Hospital

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CIN : U85110CT2005PTC017751  
GSTIN/UIN : 22AADCP8009N2Z9



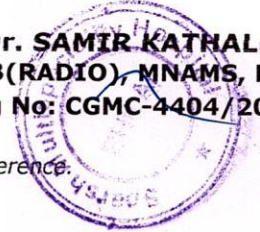
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Category	: MEDIWHEEL	Report Date	: 27/01/24 02:04PM

## X-RAY X-RAY CHEST PA. VIEW

- **Bibasal mild vascular congestion is noted - Needs further revaluation.**
- Cardiothoracic ratio is within normal limits.
- Bilateral C.P. angles are clear.
- Bony cage and soft tissue normal.

- Please correlate clinically , Followup radiograph is recommended.

**Dr. SAMIR KATHALE**  
MBBS, DNB(RADIO), MNAMS, MANBD  
Reg No: CGMC-4404/2012



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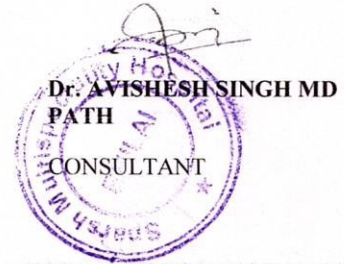
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PATIENT NAME	: MR. BINAY KUMAR VERMA	ORDER DATE	: 27/01/2024 10:33:00
AGE/SEX	: 40Y/MALE	SAMP. DATE	: 27/01/2024 12:56:00
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495941
		RESULT DATE	: 27/01/2024 15:13:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	14.9 gm%	Normal	13.5 - 17.5
TOTAL RBC COUNT	4.83 Million/cumm	Normal	4.5 - 5.9
HAEMATOCRIT (PCV)	42.5 %	Normal	41.5 - 50.4
RBC INDICES			
MCV	88.0 fl	Normal	78 - 96
MCH	30.9 pg	Normal	27 - 32
MCHC	35.2 %	Normal	33 - 37
RDW	13.1 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	5300 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	54 %	Normal	0 - 75
LYMPHOCYTES	38 %	Normal	22 - 48
EOSINOPHILS	02 %	Normal	0 - 6
MONOCYTES	06 %	Normal	2 - 10
BASOPHILS	00 %	Normal	0 - 2
BANDS	00 %	Normal	0 - 5
BLAST	00 %	Normal	
PLATELET COUNT	154000 /cumm	Normal	150000 - 450000

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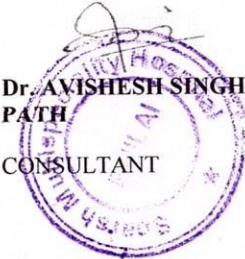
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AGE/SEX	: 40Y/MALE	SAMP. DATE	: 27/01/2024 12:56:00
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495939
		RESULT DATE	: 27/01/2024 14:25:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BLOOD GROUPING AND RH TYPING</b>			
BLOOD GROUP	"A"	-	-
RH FACTOR	Positive	-	-
<b>BUN (BLOOD UREA NITROGEN)</b>			
BUN (BLOOD UREA NITROGEN)	10.28 mg / dl	Normal	8 - 23
<b>CREATININE</b>			
SERUM CREATININE	1.06 mg/dL	Normal	0.3 - 1.5
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT (GAMMA GLUTAMYL TRANSFERASE)	21 U / L	Normal	8 - 52
<b>LIPID PROFILE</b>			
CHOLESTEROL TOTAL	287 mg / dl	High	150 - 220
TRIGLYCERIDES - SERUM	166 mg / dl	High	60 - 165
HDL	51.78 mg / dl	Normal	35 - 80
LDL	202.02 mg/dL	High	90 - 160
VLDL	33.20	Normal	20 - 50
CHOL : HDL Ratio	5.54:1		3.5 - 5.5
LDL: HDL Ratio	3.90:1		-
<b>URIC ACID</b>			
URIC ACID	5.88 mg/dL	Normal	3.6 - 7.7

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Dr. AVISHESH SINGH MD  
PATH  
CONSULTANT



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AGE/SEX	: 40Y/MALE	SAMP. DATE	: 27/01/2024 12:56:00
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495932
		RESULT DATE	: 27/01/2024 16:15:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### SERUM PSA TOTAL

PARAMETER	VALUE	RESULT	REFERENCE RANGE
PSA (TOTAL)	0.943 ng/ml	Normal	0 - 4

#### Note:

PSA is a member of the kallikrein-related peptidase family and is secreted by the epithelial cells of the prostate glands. PSA is produced for the ejaculate where it liquefies semen in the terminal coagulum and allows sperms to swim freely.

#### Increased value:

Elevated serum PSA concentration are found in men with prostate cancer, benign prostatic hyperplasia (BPH) or inflammatory condition of other adjacent genitourinary tissue it is a accurate marker for monitoring advancing clinical stage in untreated patients of ca prostate and for monitoring response to therapy by radical prostatectomy, radiation therapy and anti androgen therapy.

#### Clinical Use

- 1) An aid in the early detection of Prostate cancer when used in conjunction with Digital rectal examination in males more than 50 years of age and in those with two or more affected first degree relatives.
- 2) Followup and management of Prostate cancer patients
- 3) Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer.

#### Note:

1) Diagnosis of a disease should not be based on the result of a single test, but should be determined in conjunction with clinical findings in association with medical judgement.

2) Patient sample containing human anti mouse antibodies (HAMA) may give falsely elevated or decreased values. Although HAMA-neutralizing agents are added, extremely high HAMA serum concentration may occasionally influence results.

3) Therapeutic intervention may strongly influence the f/t PSA ratio. Manipulations at the prostate may also lead to variations in the f/t PSA ratio.

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AGE/SEX	: 40Y/MALE	SAMP. DATE	: 27/01/2024 12:56:00
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495934
		RESULT DATE	: 27/01/2024 16:31:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BLOOD SUGAR - FASTING AND PP</b>			
BLOOD SUGAR FASTING	102 mg/dL	Normal	80 - 120
BLOOD SUGAR PP	123 mg/dL	Normal	120 - 140
<b>URINE SUGAR FASTING</b>			
URINE FOR SUGAR	Nil	-	-
<b>URINE SUGAR PP</b>			
URINE FOR SUGAR	Nil	-	-

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*Api*  
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AGE/SEX	: 40Y/MALE	SAMP. DATE	: 27/01/2024 12:56:00
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495930
		RESULT DATE	: 27/01/2024 16:15:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.320 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	83.59 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	2.211 uIU/ml	Normal	0.3 - 4.5

REFERENCE GROUP REFERENCE RANGE in uIU/mL  
As per American Thyroid Association

Adult Females (> 20 years)	0.30- 4.5
Pregnancy	
1st Trimester	0.10- 2.50
2nd Trimester	0.20 - 3.00
3rd Trimester	0.30 - 3.00

#### Note:

TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.

1. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
1. Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

#### Clinical Use

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

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AGE/SEX	: 40Y/MALE	SAMP. DATE	: 27/01/2024 12:56:00
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495940
		RESULT DATE	: 27/01/2024 15:05:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### HbA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	6.2 %	High	4 - 6

#### Interpretation

As per American diabetes Association (ADA)

Reference Group - HbA1c In%  
Non diabetic  $\geq 18$  years - 4.0 - 6.0  
At risk (Prediabetes) -  $\geq 6.0$  to  $\leq 6.5$   
Diagnosing diabetes -  $\geq 6.5$

#### Therapeutic goals for glycemic control

- Age  $> 19$  years
- Goal of therapy:  $< 7.0$
- Action suggested:  $> 8.0$
- Age  $< 19$  years
- goal of therapy:  $< 7.5$

#### Note:

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient is recently under good control may still have a high concentration of HbA1c. converse is true for a diabetic previously under good control now poorly controlled.
2. Target goals of  $< 7.0$  % may be beneficial in patient with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patient with significant complication of diabetes, limited life expectancy of extensive co-morbid condition, targeting a goal of  $< 7.0$  % may not be appropriate.

#### Comments

HbA1c provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long glycemic control as compared to blood and urinary glucose determination.

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495935
		RESULT DATE	: 27/01/2024 15:16:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### URINE ROUTINE AND MICROSCOPY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
PHYSICAL EXAMINATION			
QUANTITY	10 ml	-	-
COLOUR	Straw	-	-
APPEARANCE	Clear	-	-
REACTION	Acidic	-	-
CHEMICAL EXAMINATION			
ALBUMIN	Nil	-	-
SUGAR	Nil	-	-
MICROSCOPIC EXAMINATION			
EPITHELIAL CELLS	1-2 /hpf	-	0 - 5
PUS CELLS	Nil /hpf	-	1 - 2
RBC	Nil /hpf	-	-
CAST	Nil /lpf	-	-
CRYSTAL	Nil	-	-
AMORPHOUS MATERIAL DEPOSIT	Nil	-	-
OTHERS	Nil	-	-

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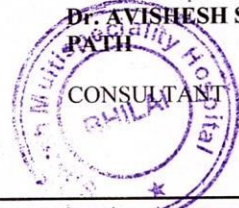
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AGE/SEX	: 40Y/MALE	SAMP. DATE	: 27/01/2024 12:56:00
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10495933
		RESULT DATE	: 27/01/2024 15:05:00
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	0.63 mg/dL	Normal	0.1 - 1.2
BILIRUBIN DIRECT	0.16 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.47 mg / dl	High	0.1 - 0.4
ALKALINE PHOSPHATASE	101 U / L	Normal	0 - 270
SGOT	27 U / L	Normal	10 - 55
SGPT	48 U / L	High	0 - 40
TOTAL PROTEIN	7.83 g / dl	Normal	6 - 8
ALBUMIN	4.98 g/dl	Normal	4 - 5
GLOBULIN	2.85 g / dl	Normal	2 - 3.5
A.G.RATIO	1.74:1		1 - 2.5

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## DEPARTMENT OF PATHOLOGY

### ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	15 mm at end of 1 hr	Normal	0 - 15

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30/01/2024 1:54PM

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