

UHID	: 164430	VISITID	: 0000310438
PATIENT NAME	: MR. YOGESH KUMAR JANGHEL	ORDER DATE	: 15/05/2023 10:08:00AM
AGE/SEX	: 31Y/MALE	SAMP. DATE	: 15/05/2023 11:45:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438204
		RESULT DATE	: 15/05/2023 5:02:00PM
		TPA	: MEDIWHEEL

### DEPARTMENT OF PATHOLOGY

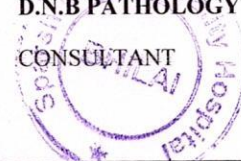
#### **LIPID PROFILE**

PARAMETER	VALUE	RESULT	REFERENCE RANGE
CHOLESTEROL TOTAL	179 mg / dl	Normal	150 - 220
TRIGLYCERIDES - SERUM	224 mg / dl	High	60 - 165
HDL	64.30 mg / dl	Normal	35 - 80
LDL	69.90 mg/dL	Low	90 - 160
VLDL	44.80	Normal	20 - 50
CHOL : HDL Ratio	2.78:1		3.5 - 5.5
LDL: HDL Ratio	1.09:1		-

*Dr. Anjana Sharma*

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**D.N.B PATHOLOGY**

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438214
		RESULT DATE	: 15/05/2023 12:10:00PM
		TPA	: MEDIWHEEL

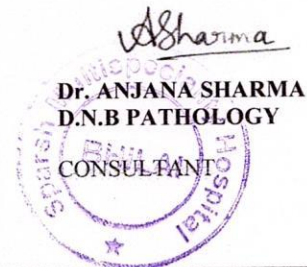
## DEPARTMENT OF PATHOLOGY

### CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	18.2 gm%	High	13.5 - 17.5
TOTAL RBC COUNT	5.94 Million/cumm	High	4.5 - 5.9
HAEMATOCRIT (PCV)	51.2 %	High	41.5 - 50.4
RBC INDICES			
MCV	86.2 fl	Normal	78 - 96
MCH	30.6 pg	Normal	27 - 32
MCHC	35.5 %	Normal	33 - 37
RDW	13.8 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	9800 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	62 %	Normal	0 - 75
LYMPHOCYTES	32 %	Normal	22 - 48
EOSINOPHILS	02 %	Normal	0 - 6
MONOCYTES	04 %	Normal	2 - 10
BASOPHILS	00 %	Normal	0 - 2
BANDS	00 %	Normal	0 - 5
BLAST	00 %	Normal	
PLATELET COUNT	208000 /cumm	Normal	150000 - 450000

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AGE/SEX	: 31Y/MALE	SAMP. DATE	: 15/05/2023 11:45:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438212
		RESULT DATE	: 15/05/2023 2:02:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BLOOD GROUPING AND RH TYPING</b>			
BLOOD GROUP	"O"	-	-
RH FACTOR	Positive	-	-
<b>BUN (BLOOD UREA NITROGEN)</b>			
BUN (BLOOD UREA NITROGEN)	7.47 mg / dl	Low	8 - 23
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT (GAMMA GLUTAMYL TRANSFERASE)	32 U / L	Normal	8 - 52
<b>URIC ACID</b>			
URIC ACID	4.72 mg/dL	Normal	3.6 - 7.7

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(A Unit of Sparsh Multispecialty Hospital Private Limited)  
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CIN : U85110CT2005PTC017751



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AGE/SEX	: 31Y/MALE	SAMP. DATE	: 15/05/2023 11:45:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438206
		RESULT DATE	: 15/05/2023 5:04:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### CREATININE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
SERUM CREATININE	1.09 mg/dL	Normal	0.3 - 1.5

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438208
		RESULT DATE	: 15/05/2023 5:03:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BLOOD SUGAR - FASTING AND PP</b>			
BLOOD SUGAR FASTING	124 mg/dL	High	80 - 120
BLOOD SUGAR PP	210 mg/dL	High	120 - 140
<b>URINE SUGAR PP</b>			
URINE FOR SUGAR	++	-	-

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AGE/SEX	: 31Y/MALE	SAMP. DATE	: 15/05/2023 11:45:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438203
		RESULT DATE	: 15/05/2023 5:15:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.719 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	67.71 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	3.949 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	: 31Y/MALE	SAMP. DATE	: 15/05/2023 11:45:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438213
		RESULT DATE	: 15/05/2023 5:03:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	6.6 %	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  $< 6.5$   
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:

- 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.
- 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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AGE/SEX	: 31Y/MALE	SAMP. DATE	: 15/05/2023 11:45:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10438209
		RESULT DATE	: 15/05/2023 5:04:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### URINE ROUTINE AND MICROSCOPY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>PHYSICAL EXAMINATION</b>			
QUANTITY	10 ml	-	-
COLOUR	Yellow	-	-
APPEARANCE	Clear	-	-
REACTION	Acidic	-	-
<b>CHEMICAL EXAMINATION</b>			
ALBUMIN	Trace	-	-
SUGAR	Nil	-	-
<b>MICROSCOPIC EXAMINATION</b>			
EPITHELIAL CELLS	2-4 /hpf	-	0 - 5
PUS CELLS	1-2 /hpf	-	1 - 2
RBC	Nil /hpf	-	-
CAST	Nil /lpf	-	-
CRYSTAL	Nil	-	-
AMORPHOUS MATERIAL DEPOSIT	Nil	-	-
OTHERS	Nil	-	-

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		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	0.99 mg/dL	Normal	0.1 - 1.2
BILIRUBIN DIRECT	0.30 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.69 mg / dl	High	0.1 - 0.4
ALKALINE PHOSPHATASE	144 U / L	Normal	0 - 270
SGOT	69 U / L	High	10 - 55
SGPT	112 U / L	High	0 - 40
TOTAL PROTEIN	8.05 g / dl	High	6 - 8
ALBUMIN	4.87 g/dl	Normal	4 - 5
GLOBULIN	3.18 g / dl	Normal	2 - 3.5
A.G.RATIO	1.53:1		1 - 2.5

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AGE/SEX : 31Y/MALE SAMP. DATE : 15/05/2023 11:45:00AM  
CONSULTANT DOCTOR : HOSPITAL CASE SPEC. NO : 10438215  
RESULT DATE : 15/05/2023 5:07:00PM  
TPA : MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	10 mm at end of 1 hr	Normal	0 - 15

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UHID	: 164430	Visit ID	: 0000310438
Patient Name	: MR. YOGESH KUMAR JANGHEL	Spec No.	:
Age / Sex	: 31Y / MALE		:
Consultant	: DR. HOSPITAL CASE	Order Date	: 15/05/2023 10:08AM
Ref. By	: DR. HOSPITAL CASE	Samp.Date	:
Category	: MEDIWHEEL	Report Date	: 15/05/23 03:19PM

**X-RAY**  
**X-RAY CHEST PA. VIEW**

- Cardiothoracic ratio is within normal limits.
- No significant lung lesion seen.
- Bilateral C.P. angles are clear.
- Bony cage and soft tissue normal.

**IMPRESSION**

- No Remarkable Abnormality Detected .

*Please correlate clinically*

**Dr. SAMIR KATHALE**  
MBBS, DNB(RADIO), MNAMS, MANBD  
Fetal Ultrasound & Fetal Medicine (FGi-BFMC)  
Reg No: CGMC-4404/2012

*Please bring all your previous reports. You should preserve and bring this report for future reference.*