

UHID : 172025 VISITID : O000327512  
PATIENT NAME : MRS. NOORI PARWEEN ORDER DATE : 11/11/2023 9:08:00AM  
AGE/SEX : 28Y/FEMALE SAMP. DATE : 11/11/2023 10:53:00AM  
CONSULTANT DOCTOR : HOSPITAL CASE SPEC. NO : 10480022  
RESULT DATE : 11/11/2023 1:52:00PM  
TPA : MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	48 mm at end of 1 hr	High	0 - 20

TECHNICIAN

*Dr. Anjana Sharma*

Dr. ANJANA SHARMA  
D.N.B PATHOLOGY

CONSULTANT

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Patient Name	: MRS. NOORI PARWEEN	Spec No.	:
Age / Sex	: 28Y / FEMALE		:
Consultant	: DR. HOSPITAL CASE	Order Date	: 11/11/2023 9:08AM
Ref. By	: DR. HOSPITAL CASE	Samp.Date	:
Category	: MEDIWHEEL	Report Date	: 11/11/23 11:30AM

## SONOGRAPHY USG WHOLE ABDOMEN

- \* **LIVER** :Normal in size, shape & echo texture with smooth margins. 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.
- \* **UTERUS**: Anteverted normal in shape, size and echotexture. Endometrial echo is central and shows normal thickness. Myometrium shows homogenous echotexture.
- \* **BOTH OVARIES**: Both the ovaries are normal in shape, size & echotexture.

No free fluid is seen in the peritoneal cavity.

There is no evidence of any retroperitoneal lymphadenopathy/mass.

### FINAL IMPRESSION :

- No remarkable Abnormality detected in the current scan.

**Note : Patient denied TVS**

Please correlate clinically

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

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

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**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

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10480011
		RESULT DATE	: 11/11/2023 1:47:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LIPID PROFILE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
CHOLESTEROL TOTAL	139 mg / dl	Low	150 - 220
TRIGLYCERIDES - SERUM	65 mg / dl	Normal	60 - 165
HDL	52.54 mg / dl	Normal	35 - 80
LDL	73.46 mg/dL	Low	90 - 160
VLDL	13.0	Low	20 - 50
CHOL : HDL Ratio	2.65:1		3.5 - 5.5
LDL: HDL Ratio	1.40:1		-

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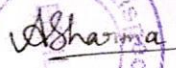
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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10480019
		RESULT DATE	: 11/11/2023 1:46:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	12.4 gm%	Normal	12 - 16
TOTAL RBC COUNT	4.56 Million/cumm	Normal	4.5 - 5.1
HAEMATOCRIT (PCV)	36.5 %	Normal	35.9 - 44.6
RBC INDICES			
MCV	80.0 f l	Normal	78 - 96
MCH	27.3 pg	Normal	27 - 32
MCHC	34.1 %	Normal	33 - 37
RDW	13.8 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	7200 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	64 %	Normal	0 - 75
LYMPHOCYTES	28 %	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	163000 /cumm	Normal	150000 - 450000

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10480013
		RESULT DATE	: 11/11/2023 6:49:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BLOOD SUGAR - FASTING AND PP</b>			
BLOOD SUGAR FASTING	108 mg/dL	Normal	80 - 120
BLOOD SUGAR PP	..... mg/dL		120 - 140
<b>CREATININE</b>			
SERUM CREATININE	1.01 mg/dL	Normal	0.3 - 1.2
<b>URINE SUGAR FASTING</b>			
URINE FOR SUGAR	Nil		-

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10480021
		RESULT DATE	: 11/11/2023 11:05:00AM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BLOOD GROUPING AND RH TYPING</b>			
BLOOD GROUP	"B"	-	-
RH FACTOR	Positive	-	-
<b>BUN (BLOOD UREA NITROGEN)</b>			
BUN (BLOOD UREA NITROGEN)	9.34 mg / dl	Normal	8 - 23
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT (GAMMA GLUTAMYL TRANSFERASE)	14 U / L	Normal	5 - 36
<b>URIC ACID</b>			
URIC ACID	5.17 mg/dL	Normal	2.5 - 6.8

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10480010
		RESULT DATE	: 11/11/2023 4:03:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.427 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	110.7 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	3.472 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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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10480020
		RESULT DATE	: 11/11/2023 1:47:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	5.4 %	Normal	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 glycemc 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 glycemc control as compared to blood and urinary glucose determination.

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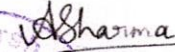
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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10480015
		RESULT DATE	: 11/11/2023 12:15:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### URINE ROUTINE AND MICROSCOPY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
PHYSICAL EXAMINATION			
QUANTITY	10 ml	-	-
COLOUR	Pale Yellow	-	-
APPEARANCE	Clear	-	-
REACTION	Acidic	-	-
CHEMICAL EXAMINATION			
ALBUMIN	Nil	-	-
SUGAR	Nil	-	-
MICROSCOPIC EXAMINATION			
EPITHELIAL CELLS	10-12 /hpf	-	0 - 5
PUS CELLS	6-8 /hpf	-	1 - 2
RBC	Nil /hpf	-	-
CAST	Nil /lpf	-	-
CRYSTAL	Nil	-	-
AMORPHOUS MATERIAL DEPOSIT	Nil	-	-
OTHERS	Bacteria Present(+)	-	-

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		RESULT DATE	: 11/11/2023 1:47:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	0.50 mg/dL	Normal	0.1 - 1.2
BILIRUBIN DIRECT	0.28 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.22 mg / dl	Normal	0.1 - 0.4
ALKALINE PHOSPHATASE	120 U / L	Normal	0 - 240
SGOT	28 U / L	Normal	0 - 46
SGPT	29 U / L	Normal	0 - 40
TOTAL PROTEIN	7.23 g / dl	Normal	6 - 8
ALBUMIN	4.58 g/dl	Normal	4.1 - 5.3
GLOBULIN	2.65 g / dl	Normal	2 - 3.5
A.G.RATIO	1.73:1		1 - 2.5

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