



# Sparsh Multispecialty Hospital

(A Unit of Sparsh Multispecialty Hospital Private Limited)  
(Formerly known as Paedia Health Private Limited)  
CIN : U85110CT2005PTC017751

एक एहशासक श्रुपनेपन का



UHID	: 165424	VISITID	: 0000312659
PATIENT NAME	: MRS. KOMAL SAHU	ORDER DATE	: 10/06/2023 11:22:00AM
AGE/SEX	: 39Y/FEMALE	SAMP. DATE	: 10/06/2023 12:35:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10443118
		RESULT DATE	: 10/06/2023 4:14:00PM
		TPA	: MEDIWHEEL

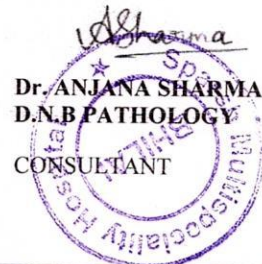
## DEPARTMENT OF PATHOLOGY

### ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	42 mm at end of 1 hr	High	0 - 20

TECHNICIAN

*Anjana*  
Dr. ANJANA SHARMA  
D.N.B PATHOLOGY  
CONSULTANT



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Consultant	: DR. HOSPITAL CASE	Order Date	: 10/06/2023 11:22AM
Ref. By	: DR. HOSPITAL CASE	Samp.Date	:
Category	: MEDIWHEEL	Report Date	: 10/06/23 02:13PM

## SONOGRAPHY USG BREAST/SONOMAMMOGRAPHY (BOTH BREAST)

### REPORT :

- Both breasts are showing normal fatty tissue and glandular structures.
- No evidence of any obvious mass lesion, solid or cystic lesions or abnormal echotexture is seen.
- Superficial planes also show no significant abnormality.
- **IMPRESSION**
- **No remarkable Abnormality detected in the current scan.**

Please correlate clinically

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

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Ref. By	: DR. HOSPITAL CASE	Samp.Date	:
Category	: MEDIWHEEL	Report Date	: 10/06/23 02:16PM

## 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.
  - \*RIGHT KIDNEY: Right kidney is normal shape, size and position.Cortical thickness is normal .CMD is maintained.There is no evidence of hydronephrosis or calculus
  - \*LEFT KIDNEY: Left kidney is normal shape, size and position.Cortical thickness is normal .CMD is maintained.There is no evidence of calculus
  - **Left sided Mild dilated Pelvicalyceal system, Left renal pelvis measures 33.4 mm in maximum dimesion.**
  - \*URINARY BLADDER : Seen in distended state and has normal wall architecture.Lumen is echo free.
  - \*UTERUS: Anteverted normal in shape, size and echotexture. (Measures 8.86 x 3.95 x 3.64 cms.). 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 :

- **Left sided Mild Hydronephrosis.**
- Please correlate clinically , followup USG is recommended.

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Ref. By	: DR. HOSPITAL CASE	Samp.Date	:
Category	: MEDIWHEEL	Report Date	: 10/06/23 05:00PM

## 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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AGE/SEX	: 39Y/FEMALE	SAMP. DATE	: 10/06/2023 12:35:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10443106
		RESULT DATE	: 10/06/2023 3:58:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LIPID PROFILE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
CHOLESTEROL TOTAL	169 mg / dl	Normal	150 - 220
TRIGLYCERIDES - SERUM	91 mg / dl	Normal	60 - 165
HDL	44.75 mg / dl	Normal	35 - 80
LDL	106.05 mg/dL	Normal	90 - 160
VLDL	18.20	Low	20 - 50
CHOL : HDL Ratio	3.78:1		3.5 - 5.5
LDL: HDL Ratio	2.37:1		-

TECHNICIAN

*A Sharma*  
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D.N.B PATHOLOGY

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PATIENT NAME	: MRS. KOMAL SAHU	ORDER DATE	: 10/06/2023 11:22:00AM
AGE/SEX	: 39Y/FEMALE	SAMP. DATE	: 10/06/2023 12:35:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10443116
		RESULT DATE	: 10/06/2023 4:38:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	13.4 gm%	Normal	12 - 16
TOTAL RBC COUNT	4.96 Million/cumm	Normal	4.5 - 5.1
HAEMATOCRIT (PCV)	37.2 %	Normal	35.9 - 44.6
<b>RBC INDICES</b>			
MCV	75.1 fl	Low	78 - 96
MCH	27.1 pg	Normal	27 - 32
MCHC	36.0 %	Normal	33 - 37
RDW	13.1 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	5700 /cumm	Normal	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
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	272000 /cumm	Normal	150000 - 450000

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UHID	: 165424	VISITID	: O000312659
PATIENT NAME	: MRS. KOMAL SAHU	ORDER DATE	: 10/06/2023 11:22:00AM
AGE/SEX	: 39Y/FEMALE	SAMP. DATE	: 10/06/2023 12:35:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10443116
		RESULT DATE	: 10/06/2023 3:59:00PM
		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)	13.55 mg / dl	Normal	8 - 23
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT (GAMMA GLUTAMYL TRANSFERASE)	18 U / L	Normal	5 - 36
<b>URIC ACID</b>			
URIC ACID	2.88 mg/dL	Normal	2.5 - 6.8

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AGE/SEX	: 39Y/FEMALE	SAMP. DATE	: 10/06/2023 12:35:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10443110
		RESULT DATE	: 10/06/2023 3:59:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### CREATININE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
SERUM CREATININE	0.86 mg/dL	Normal	0.3 - 1.5

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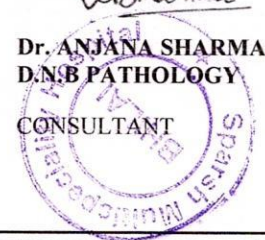


UHID : 165424 VISITID : 0000312659  
PATIENT NAME : MRS. KOMAL SAHU ORDER DATE : 10/06/2023 11:22:00AM  
AGE/SEX : 39Y/FEMALE SAMP. DATE : 10/06/2023 12:35:00PM  
CONSULTANT DOCTOR : HOSPITAL CASE SPEC. NO : 10443111  
RESULT DATE : 10/06/2023 5:41:00PM  
TPA : MEDIWHEEL

**DEPARTMENT OF PATHOLOGY**

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BLOOD SUGAR - FASTING AND PP</b>			
BLOOD SUGAR FASTING	95 mg/dL	Normal	80 - 120
BLOOD SUGAR PP	128 mg/dL	Normal	120 - 140
<b>BLOOD SUGAR - PP</b>			
BLOOD SUGAR PP	128 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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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10443107
		RESULT DATE	: 10/06/2023 2:39:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.67 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	81.48 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	2.56 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	: 10443117
		RESULT DATE	: 10/06/2023 3:58:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	5.6 %	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  $< 6.5$   
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	: 10443113
		RESULT DATE	: 10/06/2023 5:18:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### URINE ROUTINE AND MICROSCOPY

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

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10443108
		RESULT DATE	: 10/06/2023 3:58:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	0.66 mg/dL	Normal	0.1 - 1.2
BILIRUBIN DIRECT	0.18 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.48 mg / dl	High	0.1 - 0.4
ALKALINE PHOSPHATASE	68 U / L	Normal	0 - 240
SGOT	23 U / L	Normal	0 - 46
SGPT	14 U / L	Normal	0 - 40
TOTAL PROTEIN	7.41 g / dl	Normal	6 - 8
ALBUMIN	4.75 g/dl	Normal	4.1 - 5.3
GLOBULIN	2.66 g / dl	Normal	2 - 3.5
A.G.RATIO	1.79:1		1 - 2.5

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