

- ➤ Advanced 1.5T & 3T Wide Bore MRI ➤ Whole Body Cardiac 128 Slice CT
- ▶ PET CT Scan ▶ MRI Elastography ▶ MRI Cardiac ▶ MRI Breast
- ▶ Digital Mammography ▶ USG, Color Doppler, 3D-4D Sonography ▶ 2D-Echo, Stress test
- ► ECG → B.M.D. → EMG → NCV → EEG → Digital X-Ray → OPG → Cephalogram
- ▶ PFT ▶ Pathology ▶ Urodynamic Study ▶ Uroflowmetry ▶ Full body Health Check-up

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Patient Name: Mrs. Rashmi Ranjan F / 47 Yrs

**Ref. by**: MediWheel Health Checkup Plan **Date**: 15-04-2023

# **SONOGRAPHY OF ABDOMEN AND PELVIS**

**TECHNIQUE:** Real time, B mode, gray scale sonography of the abdominal and pelvic organs was performed with convex and transvaginal transducer.

**LIVER:** The liver is normal in size, shape and has smooth margins. The hepatic parenchyma shows bright echotexture without solid or cystic mass lesion or calcification. No evidence of intrahepatic biliary radical dilatation.

**PORTAL VEIN:** It is normal in caliber with hepatopetal flow.

**GALL BLADDER:** The gall bladder is partially distended. There is no obvious calculus, wall thickening or pericholecystic collection.

**COMMON BILE DUCT:** The visualised common bile duct is normal in caliber. No evidence of calculus is seen in the common bile duct. Terminal common bile duct is obscured due to bowel gas artifacts.

**PANCREAS:** The head and body of pancreas is normal in size, shape, contours and echo texture. Rest of the pancreas is obscured due to bowel gas artifacts.

**SPLEEN:** The spleen measures 11.1 cm and is normal in size and shape. Its echotexture is homogeneous.

### **KIDNEYS:**

Right kidney	Left kidney
11 x 4.3 cm	11.0 x 4.7 cm

The kidneys are normal in size and have smooth renal margins. Cortical echotexture is normal. The central echo complex does not show evidence of hydronephrosis. No evidence of hydroureter or calculi, bilaterally.

**URINARY BLADDER:** The urinary bladder is well distended. It shows uniformly thin walls and sharp mucosa. No evidence of calculus is seen. No evidence of mass or diverticulum is noted.

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#### **PELVIS:**

The uterus is anteverted. It is mildly bulky and measures  $9.3 \times 4.7 \times 6.2$  cm in the longitudinal, antero-posterior and transverse dimensions, respectively. The uterine margins are smooth and do not reveal any contour abnormalities. Myometrium has heterogeneous echotexture. Intramural fibroid measuring  $1.9 \times 1.6$  cm is seen in the anterior fundal region abutting the endometrium. Few seedling subserosal fibroids are seen.

The endometrial echo is in the midline and measures 6.4 mm.

Multiple Nabothian cysts are seen in the cervix, largest measuring 1.8 cm.

Bilateral ovaries are normal in size and echo pattern.

Right ovary measures 3 x 1.4 cm

Left ovary measures 2.6 x 1.2 cm

No adnexal mass is seen.

There is no free fluid in the cul-de-sac. There is no obvious evidence of significant lymphadenopathy.

Divarication of recti muscles is seen {4.5 cm} with small umbilical hernia having with omentum as content.

### **IMPRESSION:**

- Grade I fatty infiltration of liver.
- Mildly bulky uterus with fibroids as described.
- Divarication of recti muscles with small umbilical hernia having with omentum as content.

Thanks for the reference. With regards,



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Patient's name: Mrs. Rashmi Ranjan F / 47 Y

Referred By: MediWheel Health Checkup Date: 15-04-2023

Plan

# X-RAY CHEST PA VIEW

The lungs show normal translucency and exhibit normal vasculature.

The pleural spaces are normal.

Both hila are normal in size, have equal density and bear normal relationship.

Trachea is central in position.

The cardiac size is normal.

The domes of diaphragm are normal in position and shows smooth outline.

Bony thorax is normal.

# **IMPRESSION:**

> No significant abnormality is seen in the lung fields.

Thanks for the reference,

Dr. Alok Singhai Consultant Radiologist Dr. Tilak Dedhia Consultant Radiologist Dr. Saumya Sanghavi Consultant Radiologist



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Patient: Mrs Rashmi Ranjan F/47 Y 15-Apr-23

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Centre: MediWheel Health Checkup Plan

Bacteria

# Urine Routine

<u>Test</u>	<u>Value</u>	Normal Range	
PHYSICAL EXAMINATION			
Quantity	30 ml	30 ml	
Colour	Pale Yellow	Pale Yellow.	
Appearance	Slightly Hazy	Clear.	
Reaction (pH)	Acidic (5.0)	5.0 - 6.5 (Acidic).	
Specific Gravity	1.015	1.010 - 1.030 .	
CHEMICAL EXAMINATION			
Proteins	Absent	Absent.	
Occult Blood	Negative	Absent.	
Glucose	Trace	Absent.	
Ketone Bodies	Absent	Absent.	
Bile Salts	Absent	Absent.	
Bile Pigments	Absent	Absent.	
MICROSCOPIC EXAMINATION			
Pus Cells	4 - 5 / hpf	0 - 4 /hpf	
Epithelial Cells	5 - 6 / hpf	0 - 4 /hpf	
Red Blood Cells	Absent	Absent /hpf	
Crystals	Absent	Absent .	
Casts	Absent	Absent.	
Amorphous Deposits	Absent	Absent.	
Spermatozoa	Absent	Absent.	
Yeast Cells	Absent Absent.		

Absent.

Absent



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Patient: Mrs Rashmi Ranjan F/47 Y 15-Apr-23

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# BLOOD GROUP

<u>Test</u> <u>Value</u> <u>Normal Range</u>

BLOOD GROUP "A"Rh Factor: Positive.



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Patient: Mrs Rashmi Ranjan F/47 Y 15-Apr-23

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PERFORMED ON FULLY AUTOMATED ERBA H 360

## COMPLETE BLOOD COUNT

<u>Test</u>	<u>Value</u> <u>Normal Range</u>		
HAEMOGLOBIN	12.8	12 - 16 g/dl	
R.B.C. COUNT	4.45	3.5-6.0 millions / cu-mm	
PCV	38.6	35-54 percent	
MCV	86.7	82-98 fL	
MCH	28.8	27-32 pico-grams	
MCHC	33.2	30-35 percent	
RDW	12.7	10-16 percent	
W.B.C. COUNT	8,000	4000-11000 cells/cu.mm	
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS	69	40-75 percent	
LYMPHOCYTES	29	20-45 percent	
EOSINOPHILS	01	0-6 percent	
BASOPHILS	00	0-1 percent	
MONOCYTES	01	0-8 percent	
PLATELET COUNT	248,000	150000-450000 cells/cu.mm	
PLATELETS ON SMEAR	Adequate		
R.B.C. MORPHOLOGY	Normocytic Norm	ochromic	
W.B.C. MORPHOLOGY	Normal		



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ESR

**Test Value Normal Range** E.S.R (Westergren) 0-20 mm/hr 55



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Ref By: No: 3

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# **BIOCHEMISTRY**

<u>Test</u>	<b>Value</b>	Normal Range
Blood Sugar Fasting	313	70 - 110 mg/dl
Urine Sugar	No Sample	
Urine Ketones	No Sample	
Blood Sugar After Meals	393	70-140 mg/dl
Urine Sugar (2 hrs)	No Sample	
Urine Ketones (2 Hrs)	No Sample.	

#### Urine sugar interpretation:

Trace : 0.1 g/dl: 0.25 g/dl : 0.5 g/dl :1.0 g/dl +++ : 2.0 g/dl ++++



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Patient: Mrs Rashmi Ranjan F/47 Y 15-Apr-23

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# GLYCOSYLATED HAEMOGLOBIN (HBA1C)

TestValueNormal RangeGlycosylated Haemoglobin (HbA1c)10.2Non - Diabetic: <=5.6<br/>Pre-Diabetic: 5.7 - 6.4<br/>Diabetic >=6.5.<br/>%Mean Blood Glucose (M.B.G.)246.0mg/dl

Method: Performed on MISPA -i2 (Nephelometry)

1) HbA1c is used for monitoring diabetic control. It reflects the mean plasma glucose over three months.

- 2) HbA1c is falsely low in diabetic with heamolytic disease in these individuals a plasma fructosmine level may be used which evaluates diabetic over 25 day.
- 3) Trends in HbA1c are a better indicator of diabetic control than a soliditary test.
- 4) HbA1c value is used to estimate the mean blood glucose (MBG) level the 60 days.
- 5) HbA1c should not be used to diagonose diabetic mellitus
- 6) In known Diabetic patients, following values can be considered as a tool for monitoring the glycemic control .

Excellent Control: 6 - 7 %
Fair To Good Control: 7 - 8 %
Unsatisfactory Control: 8 - 10%
Poor Control Control: More than 10%



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# LIVER FUNCTION TEST

<u>Test</u>	<u>Value</u>	Normal Range
S.G.O.T	11	5-40 U/L
S.G.P.T	09	5-40 U/L
Bilirubin (Total )	0.5	0-1.2 mg/dl
Bilirubin (Direct)	0.3	0-0.6 mg/dl
Bilirubin (Indirect )	0.2	0-0.7 mg/dl
Alkaline Phosphatase	104	40 - 120 U / L
Total Proteins	6.5	6-8.3 g/dl
Albumin	4.3	2.5-6.0 g/dl
Globulin	2.2	1.5-3.8 g/dl
A/G Ratio	2.0	
GAMMA GT	14	5-55 U/L



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## LIPID PROFILE

<u>Test</u>	<u>Value</u>	Normal Range
Total Cholesterol	182	130-200 mg/dl
Triglycerides	141	25-160 mg/dl
HDL Cholesterol	30	35-80 mg/dl
VLDL Cholesterol	28.2	7-35 mg/dl
LDL Cholesterol	123.8	85 - 150 mg/dl
LDLC/HDLC Ratio	4.13	0-3.5 mg/dl
TC/HDLC Ratio	6.07	3.5-5.5 mg/dl



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## RENAL FUNCTION TEST

<u>Test</u>	<u>Value</u>	Normal Range
Blood Urea Nitrogen	07	5-25 mg/dl
Creatinine	0.76	0.6- $1.4  mg/dl$
Uric Acid	2.1	2.5 - 6.0 mg/dl
Calcium	8.9	8.5-10.5 mg/dl
Total Proteins	6.5	6-8.3 g/dl
Albumin	4.3	2.5-6.0 g/dl
Globulin	2.2	1.5-3.8 g/dl
A/G Ratio	2.0	
Sodium	139	135-155 mEq/L
Potassium	3.9	3.5-5.5 mEq/L
Chlorides	99	99-107 mEq/L



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Centre: MediWheel Health Checkup Plan

# Stool Routine

<u>Test</u> <u>Value</u> <u>Normal Range</u>

Colour Brown
Consistency Semi Solid
Mucus Absent
Frank Blood Absent
Parasites Absent

## **CHEMICAL EXAMINATION**

Reaction (pH) Acidic
Occult Blood Negative
Reducing Substances Absent

### MICROSCOPIC EXAMINATION

Red Blood Cells

Pus Cells

2 - 4 / hpf

Epithelial Cells

Absent

Flagellates

Absent

Crystals Absent Absent .

Macrophages Absent
Cysts Absent
Starch Absent
Fat globules Absent

### **CONCENTRATION METHOD**

OVA Absent

Yeast Cells Absent Absent .

STOOL: Occult blood in stool can be false positive due to a non-veg. diet or green vegetables. To avoid this the patient should avoid these foods for 2 days before performing this test. A false negative occurs when large quantity of Vitamin C is consumed.



#### **RASHMI RANJAN**

PID NO: P832300165737

Age: 47.0 Year(s) Sex: Female



#### Reference:

Sample Collected At: Pulse Hitech Health Service Pvt Ltd Shop No 1-7 Ground Floor Ghokarna Chs Rm Battard Road Near Kora Kendra Off Sv Road Borivali West 92 Zone: W-20b (16)

Processing Location:-

Metropolis, Ganjawalla Elega. Ganjawala

Lane, Borivali W

#### VID: 230083000183189

Registered On: 15/04/2023 12:22 PM Collected On: 15/04/2023 12:23PM Reported On: 15/04/2023 01:55 PM

<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval

Thyroid panel-1 (T3/T4/TSH)

(Serum, ECLIA)

T3 (Total)	<u>73.11</u>	ng/dL	84.6-201.8 First Trimester : 104.8 - 229.8 Second Trimester : 128.9 - 262.3 Third trimesters : 135.4 - 261.7
T4 (Total)	6.37	μg/dL	5.1-14.1

First Trimester: 7.33 - 14.8 Second Trimester: 7.93 - 16.1 Third Trimester: 6.95 - 15.7

TSH(Ultrasensitive) 3.11 µIU/mL 0.54 - 5.3

First Trimester: 0.33-4.59 Second Trimester: 0.35-4.10 Third trimester: 0.21-3.15

#### **INTERPRETATION**

TSH	T3 / FT3	T4 / FT4	Suggested Interpretation for the Thyroid Function Tests Pattern
Within Range	Decreased	Within Range	• Isolated Low T3-often seen in elderly & associated Non-Thyroidal illness. In elderly the drop in T3 level can be upto 25%.
Raised	Within Range	Within Range	•Isolated High TSHespecially in the range of 4.7 to 15 mIU/mI is commonly associated with Physiological & Biological TSH Variability. •Subclinical Autoimmune Hypothyroidism •Intermittent T4 therapy for hypothyroidism •Recovery phase after Non-Thyroidal illness"
Raised	Decreased	Decreased	Chronic Autoimmune Thyroiditis     Post thyroidectomy,Post radioiodine     Hypothyroid phase of transient thyroiditis"
Raised or within Range	Raised	Raised or within Range	•Interfering antibodies to thyroid hormones (anti-TPO antibodies) •Intermittent T4 therapy or T4 overdose •Drug interference- Amiodarone, Heparin,Beta blockers,steroids, anti-epileptics"
Decreased	Raised or within Range	Raised or within Range	•Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & associated with Non-Thyroidal illness •Subclinical Hyperthyroidism •Thyroxine ingestion"
Decreased	Decreased	Decreased	Central Hypothyroidism     Non-Thyroidal illness     Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased	Raised	Raised	Primary Hyperthyroidism (Graves' disease), Multinodular goitre, Toxic nodule Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum"
Decreased or within Range	Raised	Within Range	•T3 toxicosis •Non-Thyroidal illness

References: 1. Interpretation of thyroid function tests. Dayan et al. THE LANCET • Vol 357 • February 24, 2001 2. Laboratory Evaluation of Thyroid Function, Indian Thyroid Guidelines, JAPI, January 2011,vol. 59

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**Investigation** 

#### **RASHMI RANJAN**

PID NO: P832300165737

Age: 47.0 Year(s) Sex: Female



#### Reference:

Sample Collected At: Pulse Hitech Health Service Pvt Ltd Shop No 1-7 Ground Floor Ghokarna Chs Rm Battard Road Near Kora Kendra Off Sv Road Borivali West 92 Zone: W-20b (16)

Processing Location:-Metropolis,Ganjawalla Elega.Ganjawala Lane,Borivali W

VID: 230083000183189

Registered On: 15/04/2023 12:22 PM Collected On: 15/04/2023 12:23PM Reported On: 15/04/2023 01:55 PM

**Observed Value** 

**Unit** 

Biological Reference Interval

-- End of Report --



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