## Dr. Roopa Goyal

MD (Radio-Diagnosis)



### SHOP NO. 16-17, IST FLOOR SHOPPING CENTRE, OPP. JLN HOSPITAL, AJMER -305 001 PHONE: 2428948

Patient Name: MRS. SAROJ JAIN

Age / Gender: 57 years / Female

**Endo ID**: 116393

Organization: Goyal Diagnostics Profile

Referral: MEDIWHEEL



Collected Date & Time: Apr 08, 2023, 02:20 p.m.

Reported Date & Time: Apr 08, 2023, 03:54 p.m.

Sample ID :

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
LIPID PROFILE			
Cholesterol Total  Method: ENZYMETIC COLORIMETRIC METHOD CHOD - POD	201.0	mg/dL	130 -250
Triglycerides  Method: ENZYMETIC COLORIMETRIC	121.8	mg/dL	60 -170
HDL Cholesterol Method : PHOSPHOTUNGSTIC ACID	53.1	mg/dL	Normal: 40-60 Major Risk for Heart: > 60
VLDL Cholesterol Method : Calculated	24.36	mg/dL	6 - 38
LDL Cholesterol  Method : Calculated	123.54	mg/dL	Optimal < 100 Near / Above Optimal 100-129 Borderline High 130-159 High 160-189 Very High >or = 190
CHOL/HDL Ratio Method : Calculated	3.79		2.6-4.9
LDL/HDL Ratio Method : Calculated	2.33		0.5-3.4



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Collected Date & Time: Apr 08, 2023, 02:20 p.m.

Reported Date & Time: Apr 08, 2023, 03:45 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
IMMUNOLOGY				
T3-Triiodothyronine  Method: CHEMILUMINOSCENCE	1.17	ng/dL	0.60-1.81	
T4-Thyroxine  Method: CHEMILUMINOSCENCE	9.3	ug/dL	4.5 -10.9	
TSH -ULTRA SENSITIVE  Method: CHEMILUMINOSCENCE	1.85	uIU/mL	0.35-5.50	

#### Interpretation:

TSH measurement is useful in screening and diagnosis for euthyroidism, hyperthyroidism and hypothyroidism. TSH levels may be affected by acute illness and drugs like doapmine and glucocorticoids. Low or undetectable TSH is suggestive of graves disease TSH between 5.5 to 15.0 with normal T3 T4 indicates impaired thyroid hormone or subclinical hypothyroidism or normal T3 T4 with slightly low TSH suggests subclinical Hyperthyroidism. TSH suppression does not reflect severity of hyperthyroidism therefore, measurement of FT3 FT4 is important. FreeT3 is first hormone to increase in early Hyperthyroidism. Only TSH level can prove to be misleading in patients on treatment. Therefore FreeT3, FreeT4 along with TSH should be checked.



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Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
<u>HAEMATOLOGY</u>			
HbA1c (GLYCOSYLATED HEMOGLOBIN)	5.5	%	> 8% Action Suggested
BLOOD			7 - 8 % Good Control
Method: Nephelometry Methodology			< 7% Goal
			6 - 7 % Near Normal Glycemia
			< 6% Normal level

#### Instrument:Mispa i2

#### **Clinical Information:**

Glycated hemoglobin measurement is not appropriate where there has been a change in diet or treatment within 6 weeks. Hence, people with recent blood loss, hemolytic anemia, or genetic differences in the hemoglobin molecule (hemoglobinopathy and Hb variants viz: HbS,HbC,HbE, HbD,elevated HbF, as well as those that have donated blood recently, are not suitable for this test. Conditions associated with false increased HbA1C values: HbF, Uremia,Lead Poisoning, Hypertriglyceridemia, Alcoholism, Opiate addiction, Iron defiency state,Postsplenectomy, Hyperbilirubinemia, Chronic aspirin therapy. Conditions associated with false low HbA1C values: HbS, HbC, Hemolytic anemia, Pregnancy, Acute or chronic blood loss

**AVERAGE BLOOD GLUCOSE** 

111.15

90 - 120 Very Good Control 121 - 150 Adequate Control 51 - 180 Sub-optimal Control 181 - 210 Poor Control > 211 Very Poor Control



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Collected Date & Time: Apr 08, 2023, 02:20 p.m.

Reported Date & Time: Apr 08, 2023, 03:53 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
RENAL FUNCTION TEST				
Urea	21.4	mg/dL	10 - 45	
Method: Uricase				
Creatinine	0.79	mg/dL	0.6 - 1.4	
Method : Serum, Jaffe				
Uric Acid	5.6	mg/dL	3.0 - 7.0	
Method : Serum, Uricase				
Calcium	9.20	mg/dl	8.6 - 10.2	
Method: ARSENASO with serum				
Sodium	139	mmol/L	135 - 145	
Method : Ion-Selective Electrode with serum				
Potassium	4.8	mmol/L	3.50 - 5.00	
Method : Ion Selective Electrode with serum				
Chlorides	98	mmol/L	98 - 106	
Method : Ion-Selective Electrode with serum				

<sup>\*\*</sup>END OF REPORT\*\*



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Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
HAEMATOLOGY			
Hemoglobin (HB)	11.7	gm/dl	13.5 - 18.0
Erythgrocyte (RBC) Count	4.77	mil/cu.mm	4.7 - 6.0
Packed Cell Volume (PCV)	37.3	%	42 - 52
Mean Cell Volume (MCV)	78.2	FL	78 - 100
Mean Cell Haemoglobin (MCH)	24.5	Pg	27 - 31
Mean Corpuscular Hb Concn. (MCHC)	31.4	g/dl	32 - 36
Red Cell Distribution Width (RDW)	13.5	%	11.5 - 14.0
Total Leucocytes Count (WBC)	7000	Cell/cu.mm	4000 - 10000
Neutrophils	60	%	40 - 80
Lymphocytes	33	%	20 - 40
Monocytres	04	%	2 - 10
Eosinophils	03	%	1-6
Basophils	00	%	0-1
Mean Platelet Volume (MPV)	10.3	fL	7.2 - 11.7
РСТ	0.33	%	0.2 - 0.5
Platelet Count	325	10^3/ul	150 - 450

<sup>\*\*</sup>END OF REPORT\*\*



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Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
IRON - SERUM	106.6	ug/dL	65 - 175	
TOTAL IRON BINDING CAPACITY(TIBC)	370	ug/dL	228 - 428	
FERRITIN	19.0	ng/mL	Male:22-322	
Method : Serum CLIA			Female:10-291	
TRANSFERRIN SATURATION %	28.81	%	16 - 50	
Method : Calculated				

INTERPRETATION

The serum iron test is used to measure the amount of iron that is in transit in the body – the iron that is bound to transferrin in the blood. Along with other tests, it is used to help detect and diagnose iron deficiency or iron overload. Testing may also be used to help differentiate various causes of anemia. The amount of iron present in the blood will vary throughout the day and from day to day. For this reason, serum iron is almost always measured with other iron tests, including ferritin, transferrin, and calculated total iron-binding capacity (TIBC) and transferrin saturation. Serum ferritin appears to be in equilibrium with tissue ferritin and is a good indicator of

storage iron in normal subjects and in most disorders. In patients with some hepatocellular diseases, malignancies and inflammatory diseases, serum ferritin is a disproportionately high estimate of storage iron because serum ferritin is an acute phase reactant. In such

disorders iron deficiency anemia may exist with a normal serum ferritin conc. In the presence of inflammation, persons with low serum ferritin are likely to respond to iron therapy.

Increased Levels -

Iron overload - Hemochromatosis, Thalassemia & Sideroblastic anemia

- -Malignant conditions Acute myeloblastic & Lymphoblastic leukemia, Hodgkin's disease & Breast carcinoma
- -Inflammatory diseases Pulmonary infections, Osteomyelitis, Chronic UTI, -Rheumatoid arthritis, SLE, burns, Acute & Chronic hepatocellular disease

Decreased Levels

-Iron deficiency anemia

\*\*END OF REPORT\*\*

Dr. Nishi Prasad M.D. (Patho.)

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Reported Date & Time: Apr 08, 2023, 03:54 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
C-Reactive Protein; CRP, SERUM	3.8	mg/L	0.0-6.0

#### Interpretation:

- 1. Measurement of CRP is useful for the detection and evaluation of infection, tissue injury, inflammatory disorders and associated diseases .
- 2. High sensitivity CRP (hsCRP) measurements may be used as an independent risk marker for the identification of individual at risk for future cardiovascular disease.
- 3. Increase in CRP values are non-Specific and should not be interpreted without a complete history.



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Reported Date & Time: Apr 08, 2023, 03:54 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
LIVER FUNCTION TEST			
Bilirubin - Total	0.83	gm/dl	0.0 - 1.20
Bilirubin - Direct	0.18	mg/dL	0.0 - 0.30
Bilirubin - Indirect  Method : Calculated	0.65	mg/dL	0.1 - 1.0
ASPARTATE AMINO TRANSFERASE (SGOT-AST Method: IFCC with Serum	) 21.0	U/L	5.0 - 40.0
ALANINE AMINO TRANSFERASE (SGPT-ALT)  Method: IFCC with POD Serum	18.5	U/L	5.0 - 40.0
Alkaline Phosphatase	59.0	U/L	MALE & FEMALE
Method : IFCC with Serum			4-19 YEAR: 54-369 U/L
			20-59 YEAR: 42-98 U/L
			>60 YEAR: 53-141 U/L
Total Protein	7.21	g/dL	6.00 - 8.00
Method : Biuret, with Serum			
Albumin	4.01	g/dL	3.40 - 5.50
Method : Tech; BCG with Serum			
Globulin	3.20	g/dL	1.5 - 3.5
Method : Calculated			
A/G Ratio	1.25		1.5 - 2.5
Method : Calculated			



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Referral: MEDIWHEEL

Collected Date & Time: Apr 08, 2023, 02:20 p.m.

Reported Date & Time: Apr 08, 2023, 03:54 p.m.

Sample ID:

230980136

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
Gamma GT	20	U/L	5-36	

Method: G-Glutamyl-Carboxy-Nitoanilide

#### Interpretation

A high GGT level can help rule out bone disease as the cause of an increased ALP level, but if GGT is low or normal, then an increased ALP is more likely due to bone disease. Even small amounts of alcohol within 24 hours of a GGT test may cause a temporary increase in the GGT.



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Referral: MEDIWHEEL

**Collected Date & Time :** Apr 08, 2023, 02:20 p.m. **Reported Date & Time :** Apr 08, 2023, 03:54 p.m.

Sample ID:

230980136

\_\_\_\_\_

**Test Description** 

Value(s)

Unit(s)

Reference Range

#### **HAEMATOLOGY**

BLOOD GROUP ABO AND RHTYPE

'O' POSITIVE

 $\label{lem:method:Gel Technique \& Tube Agglutination} \\ Medical \ Remark:$ 

The blood group done is forward blood group only. In case of any discrepancy kindly contact the lab



MD (Radio-Diagnosis)



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Patient Name: MRS. SAROJ JAIN

Age / Gender: 57 years / Female

**Endo ID:** 116393

Yeast cells

Organization: Goyal Diagnostics Profile

Referral: MEDIWHEEL



**Collected Date & Time :** Apr 08, 2023, 02:20 p.m. **Reported Date & Time :** Apr 08, 2023, 03:40 p.m.

Sample ID :

Absent

Test Description	Value(s)	Unit(s)	Reference Range	
CLINICAL PATHOLOGY				
General Examination				
Colour	Yellow		Pale Yellow	
Transparency (Appearance)	S.turbid		Clear	
Reaction (pH)	Acidic		Acidic / Alkaline	
Specific gravity	1.020		1.005 - 1.030	
Chemical Examination				
Urine Protein (Albumin)	+		NIL	
Urine Glucose (Sugar)	NIL		NIL	
Microscopic Examination				
Pus cells (WBCs)	15-20	/hpf	0-9	
Epithelial cells	3-4	/hpf	0-4	
Red blood cells	0-1	/hpf	0-4	
Crystals	Absent		Absent	
Cast	Absent		Absent	
Amorphous deposits	Present		Absent	
Bacteria	Present		Absent	

\*\*END OF REPORT\*\*

Absent



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Collected Date & Time: Apr 08, 2023, 02:20 p.m.

Reported Date & Time: Apr 08, 2023, 03:56 p.m.

Sample ID :

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
Glucose fasting  Method : Fluoride Plasma-F, Hexokinase	79.09	mg/dL	70.0-110.0	



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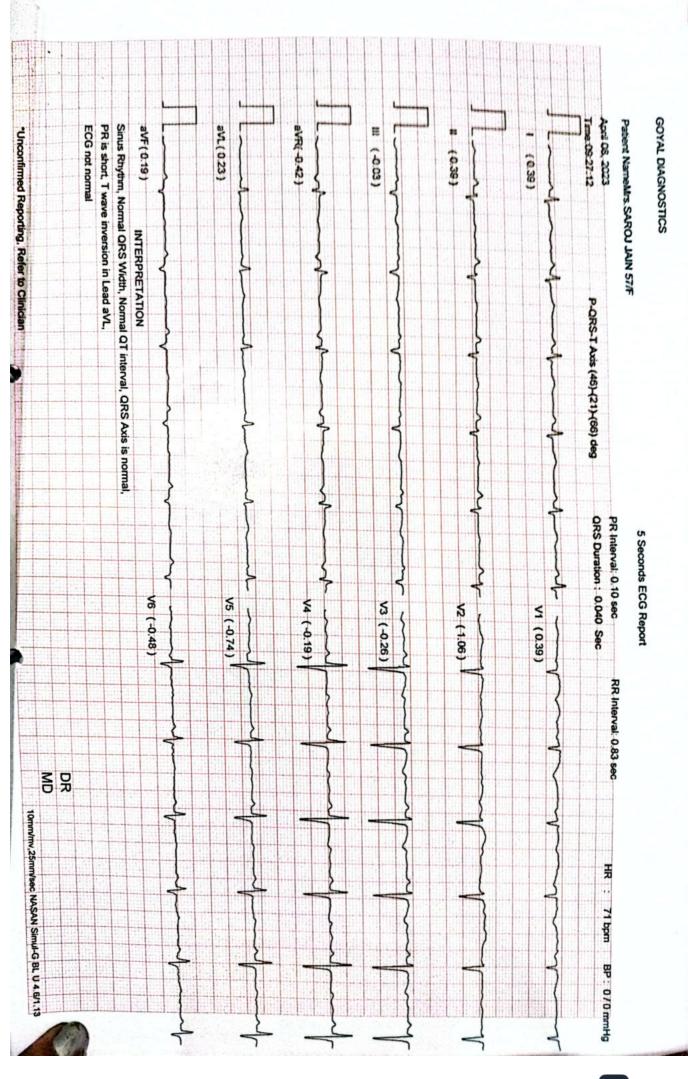
Referral: MEDIWHEEL

**Collected Date & Time :** Apr 08, 2023, 02:20 p.m. **Reported Date & Time :** Apr 08, 2023, 04:05 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
Blood Glucose-Post Prandial	91.59	mg/dL	70 - 140	
Method: Hexokinase				





# pr. Roopa

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NAME

MRS . SAROJ JAIN

DATE

08-04-2023

AGE

: 57 YRS

FEMALE

:

SEX

FEMALE REF BY

### INTERPRETATION SUMMARY

- , CONCENTRIC LVH
- DIASTOLIC DYSFUNCTION GRADE 1
- , INTACT IAS/ IVS
- . ALL VALVES ARE NORMAL.
- . TRACE TR

HOLTER THE ECO

- . RVSP 25 MM HG
- NO RWMA : LVEF 65 %
- . NO CLOT, VEGITATION.
- , NO PERICARDIAL EFFUSION
- , NORMAL PERICARDIUM

M.MODE/2D MEASUREMENTS (MM) &CALCULATIONS (ML)

MINODE/ZD MEAS	KEMEN 15 (F	<u>1M) &amp;CALCULATIONS (MI</u>	L)
LVID d	44.0	LVEDV	
LVID s	28.2	LVESV	
RVID(d)		SV	-
IVS d	12.4	F.S	35%
IVS S	16.4	EF	65%
LVPW d	10.9	C.O	-
LVPWS	14.6	MITRAL VALVE	-
AORTIC ROOT	29.1	EF SLOPE	-
LEFT ATRIUM	30.3	OPENING AMPLITUDE	-
AORTIC CUSP OPENING	-	E.P.S.S	-

DOPPLER MEASUREMENTS & CALCULATIONS:

DOTT HERE THE PROPERTY OF THE					
STRUCTURE	MORPHOLOGY	VELOCITY(cm/sec.)	GRADIENT P/M	REGURGITATION	
MITRAL VALVE	NORMAL	E- 94 A-109	-	NIL	
TRICUSPID VALVE	NORMAL	198	-	MILD	
PUL VALVE	NORMAL	112	-	NIL	
AORTIC VALVE	NORMAL	171	-11/1/	NIL	

PULMONARY ARTERY PEAK ACCELERATION TIME		MITRAL VALVE AREA (BY P 1/2 T) PRESSURE HALF TIME	

P. DEVENDRA GOYAL (M.U.)
RMC No.: 004250/15000

<sup>शुणिलंग परिक्षण</sup> करवाना जघन्य अपराध है। इसकी शिकायत 104 टोल फ्री सेवा पर की जा सकती है।



isultant Kadibibyisi & Johnsoyisi

# r. Roopa Goyal

D (Radio-Diagnosis)



HOP NO. 16-17, IST FLOOR SHOPPING CENTRE, OPP. JLN HOSPITAL, AJMER -305 001 PHONE : 2428948

NAME - Saroj Jain

AGE - 5 Yrs

Date- 08-04-2023

REF BY -

# USG ABDOMEN-PELVIS

No evidence of intrahepatic billary radicles dilatation. The portal vein and common bile duct show normal caliber. There is a cyst of 5.2 x 3.2 cm in right lobe

GALL BLADDER: distended and shows smooth walls. Wall thickness appears normal. No evidence of sludge/ calculus. No evidence of pericholecystic collection.

SPLEEN: normal in size and shows normal echopattern.

PANCREAS: Normal in size , shape and position. Parenchyma is homogenous.

KIDNEYS: Both the kidneys are Enlarged in size, multiple cystic areas are Seen No evidence of hydronephrosis or calculus.

**Right kidney** -measures 12.3 x 5.3 cm **Left kidney** -- measures 12.3 x 5.4 cm

<u>URINARY BLADDER</u>: is distended with smooth walls. No evidence of diverticulum or calculus

Uterus and ovaries are Not Seen ( H/O operative Removal )

No evidence of ascites / pleural effusion.

IMPRESSION :-- Simple hepatic cyst in right lobe .
Findings S/O Polycystic disease of kidneys ? Autosomal dominant .

(Adv-clinical correlation, further evaluation)

RMC No.: 004250/15000 Consultant Radiologist

भूण लिंग परिक्षण करवाना जघन्य अपराध है। इसकी शिकायत 104 टोल फ्री सेवा पर की जा सकती है।

HOLTER TIMT ECHOCARDIOGRAPHY SPIROMETRY DIGITAL X-RAY BMD OPG MAMMOGRAPHY CLINICAL LAB. PAP SMEAR FNAC



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NAME- Saroj Jain AGE- 57 yrs DATE - 8-04-2023 REF.BY -

## SKIAGRAM CHEST PA VIEW

Both cp angles are clear. Cardiac size is within normal limits. Broncho vascular Markings are Exaggerated

**Chr Bronchitis** 

Or. ROOPAGOVALIMBBS.MO.)
Consultant Radiologists Tris600
Consultant Radiologists Tris600

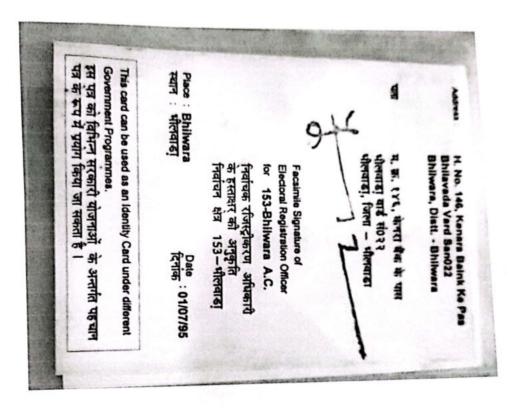
भ्रूण लिंग परिक्षण करवाना जघन्य अपराध है। इसकी शिकायत 104 टोल फ्री सेवा पर की जा सकती है।

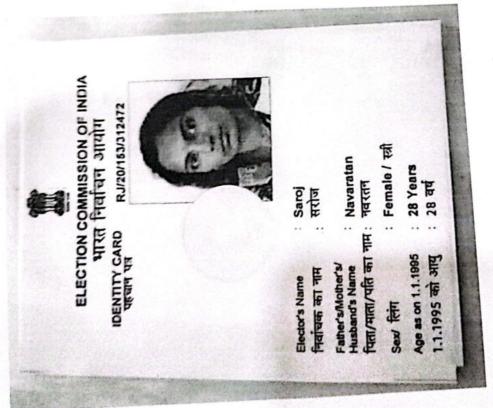
HOLTER TMT ECHOCARDIOGRAPHY SPIROMETRY DIGITAL X-RAY BMD OPG MAMMOGRAPHY CLINICAL LAB. PAP SMEAR FNAC
THE DIAGNOSIS, FINDING SHOULD ALWAYS BE CO-RELATED WITH THE CLINICAL AND OTHER INVESTIGATION FINDING WHERE APPLICABLE THIS REPORT IN NOT MEANT FOR MEDICO-LEGAL PURPOSE



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