

MD (Radio-Diagnosis)



: 9-10-2022

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

NAME MRS . DEEPIKA DOSAYA

DATE : 34 LAB NO.

SEX : FEMALE REF BY :

INTERPRETATION SUMMARY

- . NORMAL CHAMBER DIMENSIONS
- . INTACT IAS/ IVS

AGE

- . ALL VALVES ARE NORMAL.
- . MILD TR , TRACE MR
- . RVSP 30 MM HG
- . NO RWMA: LVEF 65 %
- . NO CLOT, VEGITATION.
- . NO PERICARDIAL EFFUSION
- O . NORMAL PERICARDIUM

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

Live	DIVIDITIO (IVIII)	acalculations (ML)	
LVID d	40.9	LVEDV	
LVID s	26.4	LVESV	
RVID(d)		SV	2-
IVS d	9.0	F.S	35%
IVS S	12.7	EF	65%
LVPW d	8.7	C.O	-0
LVPWS	12.4	MITRAL VALVE	-
AORTIC ROOT	25.8	EF SLOPE	-
LEFT ATRIUM AORTIC CUSP OPENING	26.8	OPENING AMPLITUDE	-
ODDY DD 2 CO	-	E.P.S.S	-

DOPPLER MEASUREMENTS & CALCULATIONS:

STRUCTURE	MORPHOLOGY	1/FLOGETTION		
MITRAL VALVE		VELOCITY (cm/sec.)	GRADIENT P/M	REGURGITATION
	NORMAL	E- 129 A- 70	-	TRACE
TRICUSPID VALVE	NORMAL	229		
PUL VALVE	NORMAL			MILD
AORTIC VALVE		101	-	NIL
HORTIC VALVE	NORMAL	120	-	
		, ,	J	NIL

PULMONARY ARTERY	
	MITRAL VALVE AREA (BY P 1/2 T)
PEAK ACCELERATION TIME	PRESSURE HALF TIME
SYSTOLIC PRESSURE 30 MM HG	PRESSURE HALF TIME
30 MM HG	MVA

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

OLTER TMT ECHOCARDIOGRAPHY SPIROMETRY DIGITAL X-RAY BMD OPG MAMMOGRAPHY CLINICAL LAB. PAP SMEAR FNAC 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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USG- ABDOMEN-PELVIS

NAME - Mrs. Deepika Dosaya

AGE -- 34 Yrs

Date - 9-10-2022

REF BY --

LIVER-

RT lobe measures 14.9 cm in size.

Enlarged in Size .Margins are regular.

IHBR and HV are not dilated.

No Evidence Of any Focal Lesion Seen

PORTAL VEIN AND CBD NOT DILATED.

GALL BLADDER- Normal distension of lumen is seen.

Walls are not thick. Lumen is clear.

PANCREAS-

Normal in size, shape and position.

Parenchyma is homogenous.

SPLEEN-

Parenchyma is homogenous. Normal

Splenic vein is not dilated.

RT.KIDNEY-

Normal in size, shape and position

Cortex is homogenous. Corticomedullary differentiation is maintained.

pelvicalyceal system is Not dilated.

LT. KIDNEY:

Normal in size, shape and position.

Cortex is homogenous. Corticomedullary differentiation is maintained.

pelvicalyceal system is not dilated.

URINARY BLADDER: Lumen is fully distended . Walls are not thickened.

UTERUS: Normal In SizeShape And Position

Myometrium is homogenous and normal in thickness.

Endometrium Is Normal

RT. OVARY: Normal in Size

No evidence of any focal mass is seen.

LT. OVARY: Normal in Size

No evidence of any focal mass is seen

No Free Fluid Seen In The Cul De Sac

IMPRESSION: Hepatomegaly

ADV:CLINICAL CORRELATION AND FURTHER INVESTIGATION.

·Consultant Radiologist & logist RMC No.-004250 / 15.00

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Consultant Radiologist & Sonologist

Dr. Roopa Goyal

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IAME- MRS. DEEPIKA DOSAYA AGE- 34 yrs DATE-9-10-2022 REF.BY -

SKIAGRAM CHEST PA VIEW

BOTH CP ANGLES ARE CLEAR CARDIAC SIZE IS WITHIN NORMAL LIMITS BOTH LUNG FIELDS ARE CLEAR

NAD IN HEART AND LUNGS

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Patient Name: MRS. DEEPIKA DOSAYA

Age / Gender: 34 years / Female

Endo ID: 90152

Organization: Goyal Diagnostics Profile

Referral: MEDIWHEEL

Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:18 p.m.

Sample ID :

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
LIPID PROFILE			
Cholesterol Total Method: ENZYMETIC COLORIMETRIC METHOD CHOD POD	133.5	mg/dL	130 -250
Triglycerides Method: ENZYMETIC COLORIMETRIC	65.7	mg/dL	60 -170
HDL Cholesterol Method: PHOSPHOTUNGSTIC ACID	46.6	mg/dL	Normal: 40-60 Major Risk for Heart: > 60
VLDL Cholesterol Method : Calculated	13.14	mg/dL	6 - 38
LDL Cholesterol Method : Calculated	73.76	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	2.86		2.6-4.9
LDL/HDL Ratio Method : Calculated	1.58		0.5-3.4

END OF REPORT

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Referral: MEDIWHEEL

Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:16 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
IMMUNOLOGY			
T3-Triiodothyronine	1.00	ng/dL	0.60-1.81
Method: CHEMILUMINOSCENCE			
T4-Thyroxine	8.0	ug/dL	4.5 -10.9
Method: CHEMILUMINOSCENCE			
TSH -ULTRA SENSITIVE	3.02	uIU/mL	0.35-5.50
Method: CHEMILUMINOSCENCE			

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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Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:07 p.m.

Sample ID :

Test Description	Value(s)	Unit(s)	Reference Range
HAEMATOLOGY			
HbA1c (GLYCOSYLATED HEMOGLOBIN)	5.6	%	> 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
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114.02

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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Reported Date & Time: Oct 09, 2022, 01:18 p.m.

Sample ID :

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
RENAL FUNCTION TEST				
Urea	23.7	mg/dL	10 - 45	
Method : Uricase				
Creatinine	0.8	mg/dL	0.6 - 1.4	
Method : Serum, Jaffe				
Uric Acid	3.5	mg/dL	3.0 - 7.0	
Method : Serum, Uricase				
Calcium	8.5	mg/dl	8.6 - 10.2	
Method : ARSENASO with serum				
Sodium	139	mmol/L	135 - 145	
Method : Ion-Selective Electrode with serum				
Potassium	4.9	mmol/L	3.50 - 5.00	
Method: Ion Selective Electrode with serum				
Chlorides	104	mmol/L	98 - 106	
Method : Ion-Selective Electrode with serum				

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Sample ID :

Test Description	Value(s)	Unit(s)	Reference Range
HAEMATOLOGY			
Hemoglobin (HB)	11.8	gm/dl	13.5 - 18.0
Erythgrocyte (RBC) Count	4.04	mil/cu.mm	4.7 - 6.0
Packed Cell Volume (PCV)	34.5	%	42 - 52
Mean Cell Volume (MCV)	85.3	FL	78 - 100
Mean Cell Haemoglobin (MCH)	29.2	Pg	27 - 31
Mean Corpuscular Hb Concn. (MCHC)	34.3	g/dl	32 - 36
Red Cell Distribution Width (RDW)	13.9	%	11.5 - 14.0
Total Leucocytes Count (WBC)	7190	Cell/cu.mm	4000 - 10000
Neutrophils	66	%	40 - 80
Lymphocytes	30	%	20 - 40
Monocytres	03	%	2 - 10
Eosinophils	01	%	1-6
Basophils	00	%	0-1
Mean Platelet Volume (MPV)	9.8	fL	7.2 - 11.7
PCT	0.39	%	0.2 - 0.5
Platelet Count	397	10^3/ul	150 - 450

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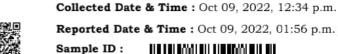
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Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
IRON - SERUM	127	ug/dL	65 - 175
TOTAL IRON BINDING CAPACITY(TIBC)	366	ug/dL	228 - 428
FERRITIN	27.2	ng/mL	Male:22-322
Method : Serum CLIA			Female:10-291
TRANSFERRIN SATURATION %	34.70	%	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

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Test Description

Organization: Goyal Diagnostics Profile

Referral: MEDIWHEEL

Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:56 p.m.

Sample ID:

Unit(s)

Reference Range

END OF REPORT

Value(s)

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Referral: MEDIWHEEL

Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:55 p.m.

Sample ID:



Test Description	Value(s)	Unit(s)	Reference Range

BIOCHEMISTRY

C-Reactive Protein; CRP, SERUM

7.4

mg/L

0.0-6.0

Interpretation:

- 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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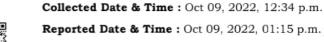
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Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
LIVER FUNCTION TEST			
Bilirubin - Total	1.10	gm/dl	0.0 - 1.20
Bilirubin - Direct	0.20	mg/dL	0.0 - 0.3
Bilirubin - Indirect	0.90	mg/dL	0.1 - 1.0
Method : Calculated			
ASPARTATE AMINO TRANSFERASE (SGOT-AST)	30.1	U/L	5.0 - 40
Method : IFCC with Serum			
ALANINE AMINO TRANSFERASE (SGPT-ALT)	28.7	U/L	5.0 - 40.0
Method : IFCC with POD Serum			
Alkaline Phosphatase	98.50	U/L	MALE & FEMALE
Method: IFCC with Serum			4-15 YEAR: 54-369 U/L
			20-59 YEAR: 42-98 U/L
			>60 YEAR: 53-141 U/L
Total Protein	6.00	g/dL	6.0 - 8.0
Method : Biuret, with Serum			
Albumin	3.50	g/dL	3.4 - 5.5
Method: Tech; BCG with Serum			
Globulin	2.50	g/dL	1.5 - 3.5
Method : Calculated			
A/G Ratio	1.40		1.5 - 2.5
Method : Calculated			

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Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:17 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
Gamma GT	15	U/L	5-36	
Method : G-Glutamyl-Carbovy-Nitoanilide				

Method : G-Giutamyi-Carboxy-Nite

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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Reported Date & Time: Oct 09, 2022, 01:55 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
HAEMATOLOGY				
ESR	15	mm	0 - 20	

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Endo ID: 90152

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Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:39 p.m.

Sample ID:

Test Description Value(s) Unit(s) Reference Range

HAEMATOLOGY

BLOOD GROUP ABO AND RHTYPE

'B' POSITIVE

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

END OF REPORT

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Consultant Radiologist & Sonologist

Dr. Roopa Goyal

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Collected Date & Time: Oct 09, 2022, 12:34 p.m.

Reported Date & Time: Oct 09, 2022, 01:15 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	82.6	mg/dL	70.0-110.0

END OF REPORT

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