Dr. Roopa Goyal

MD (Radio-Diagnosis)



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

Patient Name: MANISH

Age / Gender: 32 years / Male

Endo ID: 116392

Organization: Goyal Diagnostics Profile

Referral: MEDIWHEEL



Collected Date & Time : Apr 08, 2023, 02:18 p.m. **Reported Date & Time :** Apr 08, 2023, 03:42 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
LIPID PROFILE			
Cholesterol Total Method: ENZYMETIC COLORIMETRIC METHOD CF POD	209.0 HOD -	mg/dL	130 -250
Triglycerides Method: ENZYMETIC COLORIMETRIC	142.4	mg/dL	60 -170
HDL Cholesterol Method: PHOSPHOTUNGSTIC ACID	46.5	mg/dL	Normal: 40-60 Major Risk for Heart: > 60
VLDL Cholesterol Method : Calculated	28.48	mg/dL	6 - 38
LDL Cholesterol Method : Calculated	134.02	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	4.49		2.6-4.9
LDL/HDL Ratio Method : Calculated	2.88		0.5-3.4



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Collected Date & Time: Apr 08, 2023, 02:18 p.m.

Reported Date & Time: Apr 08, 2023, 03:39 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
IMMUNOLOGY				
T3-Triiodothyronine Method: CHEMILUMINOSCENCE	0.85	ng/dL	0.60-1.81	
T4-Thyroxine	6.7	ug/dL	4.5 - 10.9	
Method: CHEMILUMINOSCENCE TSH-ULTRA SENSITIVE	2.70	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: Apr 08, 2023, 02:18 p.m.

Reported Date & Time: Apr 08, 2023, 02:50 p.m.

Sample ID:



Test Description	Value(s)	Unit(s)	Reference Range
HAEMATOLOGY			
HbA1c (GLYCOSYLATED HEMOGLOBIN)	6.8	%	> 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

148.46

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: Apr 08, 2023, 03:42 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
RENAL FUNCTION TEST				
Urea	34.0	mg/dL	10 - 45	
Method: Uricase				
Creatinine	0.94	mg/dL	0.6 - 1.4	
Method : Serum, Jaffe				
Uric Acid	8.4	mg/dL	3.0 - 7.0	
Method : Serum, Uricase				
Calcium	9.33	mg/dl	8.6 - 10.2	
Method: ARSENASO with serum				
Sodium	139	mmol/L	135 - 145	
Method : Ion-Selective Electrode with serum				
Potassium	4.5	mmol/L	3.50 - 5.00	
Method : Ion Selective Electrode with serum				
Chlorides	103	mmol/L	98 - 106	
Method : Ion-Selective Electrode with serum				

^{**}END OF REPORT**



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Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
HAEMATOLOGY			
Hemoglobin (HB)	14.2	gm/dl	13.5 - 18.0
Erythgrocyte (RBC) Count	5.04	mil/cu.mm	4.7 - 6.0
Packed Cell Volume (PCV)	42.7	%	42 - 52
Mean Cell Volume (MCV)	84.7	FL	78 - 100
Mean Cell Haemoglobin (MCH)	28.2	Pg	27 - 31
Mean Corpuscular Hb Concn. (MCHC)	33.3	g/dl	32 - 36
Red Cell Distribution Width (RDW)	11.9	%	11.5 - 14.0
Total Leucocytes Count (WBC)	5800	Cell/cu.mm	4000 - 10000
Neutrophils	53	%	40 - 80
Lymphocytes	40	%	20 - 40
Monocytres	04	%	2 - 10
Eosinophils	03	%	1-6
Basophils	00	%	0-1
Mean Platelet Volume (MPV)	9.5	fL	7.2 - 11.7
PCT	0.27	%	0.2 - 0.5
Platelet Count	289	10^3/ul	150 - 450

^{**}END OF REPORT**



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Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
DIOCUPLICADA			
BIOCHEMISTRY			
IRON - SERUM	76	ug/dL	65 - 175
TOTAL IRON BINDING CAPACITY(TIBC)	362	ug/dL	228 - 428
FERRITIN	63.8	ng/mL	Male:22-322
Method : Serum CLIA			Female:10-291
TRANSFERRIN SATURATION %	20.99	%	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

SP.

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Patient Name: MANISH

Age / Gender: 32 years / Male

Endo ID: 116392

Organization: Goyal Diagnostics Profile

Referral: MEDIWHEEL



220080124

Test Description	Value(s)	Unit(s)	Reference Range
DIOGUEMICADY			
BIOCHEMISTRY			
C-Reactive Protein; CRP, SERUM	2.4	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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Referral: MEDIWHEEL



Collected Date & Time: Apr 08, 2023, 02:18 p.m.

Reported Date & Time: Apr 08, 2023, 03:43 p.m.

Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
LIVER FUNCTION TEST			
Bilirubin - Total	0.74	gm/dl	0.0 - 1.20
Bilirubin - Direct	0.21	mg/dL	0.00 - 0.30
Bilirubin - Indirect Method : Calculated	0.53	mg/dL	0.1 - 1.0
ASPARTATE AMINO TRANSFERASE (SGOT-AST) Method: IFCC with Serum	31.9	U/L	5.0-40.0
ALANINE AMINO TRANSFERASE (SGPT-ALT) Method: IFCC with POD Serum	38.2	U/L	5.0 - 40.0
Alkaline Phosphatase	68.0	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 Method: Biuret, with Serum	7.39	g/dL	6.00 - 8.00
Albumin	4.51	g/dL	3.40 - 5.50
Method : Tech; BCG with Serum		σ,	
Globulin	2.88	g/dL	1.5 - 3.5
Method : Calculated			
A/G Ratio	1.57		1.5 - 2.5
Method : Calculated			



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220080124

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
Gamma GT	22	U/L	8-61	

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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Collected Date & Time: Apr 08, 2023, 02:18 p.m.

Reported Date & Time: Apr 08, 2023, 03:43 p.m.

Sample ID:

Unit(s)

230980134

Reference Range

HAEMATOLOGY

Test Description

BLOOD GROUP ABO AND RHTYPE

'B' POSITIVE

Value(s)

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



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Age / Gender: 32 years / Male

Endo ID: 116392

Yeast cells

Organization: Goyal Diagnostics Profile

Referral: MEDIWHEEL



Collected Date & Time: Apr 08, 2023, 02:18 p.m. Reported Date & Time: Apr 08, 2023, 03:37 p.m.

Sample ID:

Absent

Test Description	Value(s)	Unit(s)	Reference Range	
CLINICAL PATHOLOGY				
General Examination				
Colour	Pale yellow		Pale Yellow	
Transparency (Appearance)	Clear		Clear	
Reaction (pH)	Acidic		4.5 - 7.0	
Specific gravity	1.015		1.005 - 1.030	
Chemical Examination				
Urine Protein (Albumin)	Trace		NIL	
Urine Glucose (Sugar)	NIL		NIL	
Microscopic Examination				
Pus cells (WBCs)	2-3	/hpf	0-9	
Epithelial cells	4-5	/hpf	0-4	
Red blood cells	NIL	/hpf	0-4	
Crystals	Absent		Absent	
Cast	Absent		Absent	
Amorphous deposits	Absent		Absent	
Bacteria	Present		Absent	

^{**}END OF REPORT**

Absent



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Sample ID:

Test Description	Value(s)	Unit(s)	Reference Range	
BIOCHEMISTRY				
Glucose fasting	92.30	mg/dL	70.0-110.0	
Method : Fluoride Plasma-F, Hexokinase				



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Sample ID:

230980134

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
Blood Glucose-Post Prandial Method : Hexokinase	105.30	mg/dL	70 - 140



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

NAME- Manish Kumar AGE- 32 yrs DATE - 8-04-2023 REF.BY -

SKIAGRAM CHEST PA VIEW

Both cp angles are clear. Cardiac size is within normal limits. Both lungs fields are clear.

NAD IN HEART AND LUNGS.

Dr. ROOPA GOVAL (M.B.B.S., M.D.)
Consultant Radiologist 8 Sonologist
Consultant Radiologist 8 Sonologist
RMC No. - 004507 115600

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



r. Roopa Goyal

DIAGNOSTICS 4-D ULTRASOUND * COLOUR DOPPLER

) (Radio-Diagnosis)

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

USG ABDOMEN-PELVIS

NAME - Manish

AGE - 32 yrs

Date -- 08-04-2023

REF BY -

LIVER: is Enlarged and bright 14.7 cm and shows homogeneous echotexture. No evidence of intrahepatic biliary radicles dilatation / focal space occupying lesion. The portal vein and common bile duct show normal caliber.

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 normal in size, shape and location. Both show normal corticomedullary differentiation. No evidence of hydronephrosis or calculus.

Right kidney - measures :- 10.2 x 5.1 cm Left kidney - measures :- 10.0 x 4.7 cm

URINARY BLADDER: is distended with smooth walls. No evidence of diverticulum or calculus.

PROSTATE: is normal in size and shows normal homogeneous echotexture No evidence of ascites / pleural effusion.

IMPRESSION:-

Enlarged Fatty Liver

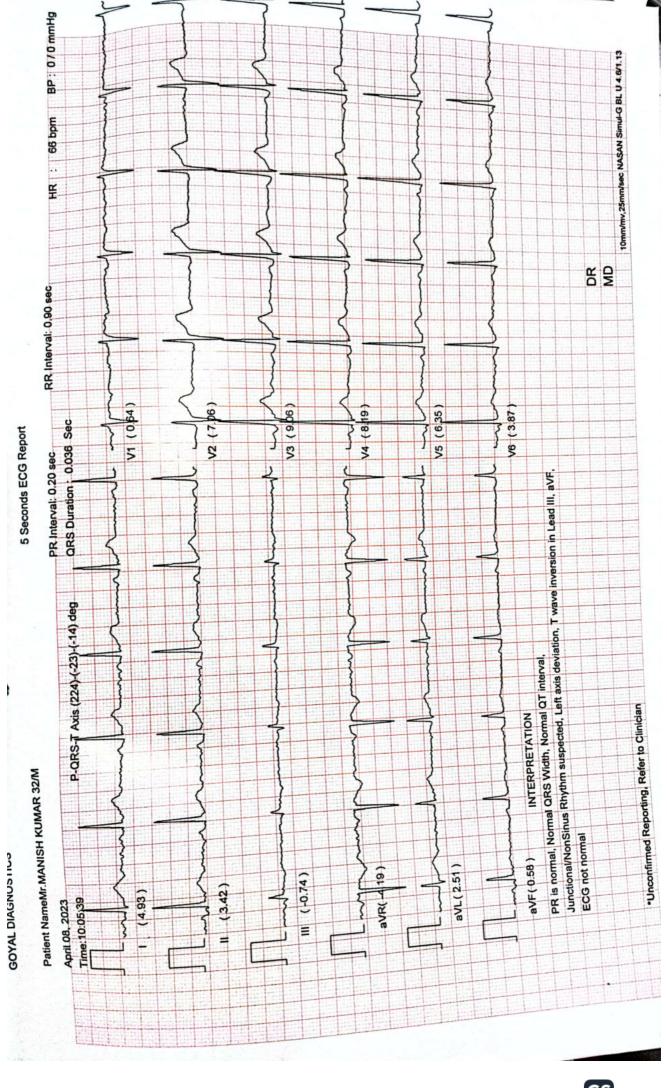
Rest of the abdominal organs are within normal limits.

(Adv- clinical correlation, further evaluation)

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





usultani Kadiologisi & 50. r. Roopa

D (Radio-Diagnosis)



10P NO. 18-17, IST FLOOR SHOPPING CENTRE, OPP. JLN HOSPITAL, AJMER -305 001 PHONE : 2428948

NAME

MR . MANISH

AGE

32 YRS

SEX

MALE

DATE

: 08-04-2023

REF BY

INTERPRETATION SUMMARY

NORMAL CHAMBER DIMENSIONS

INTACT IAS/ IVS

ALL VALVES ARE NORMAL.

MILD TR

RVSP 30 MM HG

NO RWMA : LVEF 65 %

NO CLOT, VEGITATION.

NO PERICARDIAL EFFUSION

NORMAL PERICARDIUM

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

VID d	48.1	LVEDV	
VID s	30.7	LVESV	
RVID(d)		SV	-
IVS d	10.9	F.S	35%
IVS 5	14.9	EF	65%
LVPW d	9.9	C.O	-
LVPWS	13.6	MITRAL VALVE	-
AORTIC ROOT	28.1	EF SLOPE	-
	32.1	OPENING AMPLITUDE	-
LEFT ATRIUM AORTIC CUSP OPENING	-	E.P.S.S	-

DOPPLER MEASUREMENTS & CALCULATIONS:

DOPPLER MEA	SUREMENTS	& CALCOLI	CRADIENT P/M	REGURGITATION	
STRUCTURE	MORPHOLOGY	VELOCITY(cm/sec.)	GRADICITITI	NIL	
MITRAL VALVE	NORMAL	E- 121 A-78	-	MILD	
TRICUSPID VALVE	NORMAL	229	-	NIL	
PUL VALVE	NORMAL	108	-	NIL	
AORTIC VALVE	NORMAL	155	-		

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

Dr. DEVENDRA RMC No.

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

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THE DIAGNOSIS, FINDING SHOULD BALVEY. TRATIONATION FINDING WHERE APPLICABLE THIS REPORT IN NOT MEANT FOR MEDICO-LEGAL PURPOSE. THE DIMONOSIS, FRIDING SHOULD ALVE



