



(ASSOCIATES OF MAXCARE DIAGNOSTICS

 B-14, Vidhyadhar Enclave - II, Near Axis Bank Central Spine, Vidhyadhar Nagar, Jaipur - 302023

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General Physical Examination

Date of Examination: 08 04 2023	
Name: Auglam Sharma A	ge: 41 DOB: 15-05-1981 Sex: Male
Referred By: BANK OF BARODA	
Photo ID: TOCARD ID#: 800	2.9
Ht: <u>174</u> (cm)	Wt: <u>66</u> (Kg)
Chest (Expiration): 90 (cm)	Abdomen Circumference: 87 (cm)
Blood Pressure: 120/80 mm Hg PR: 96 /	min RR: 18 / min Temp: Aboute
BMI21.8	
Eye Examination: R - 6/6 N.6	NCB
Other:	
On examination he/she appears physically and mer	
Signature Of Examine :	Name of Examinee: ANUPHY SHARMA
Dr. U. C. GUP MEBS, MD (Physic RMC No. 291	Name Medical Examiner DR. U.C.MUPTA



 B-14, Vidhyadhar Enclave - II, Near Axis Bank

41 Yrs 10 Mon 24 Days Age :-

Sex :-Male



Patient ID :-122356

Date :- 08/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 08/04/2023 15:50:26

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP ABOVE 40 N	AA1 =		
	VIALE .		
HAEMOGARAM			
HAEMOGLOBIN (Hb)	15.3	g/dl.	13.0 - 17.0
TOTAL LEUCOCYTE COUNT	5.60	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	50.0	%	40.0 - 80.0
LYMPHOCYTE .	40.0	0/0	20.0 - 40.0
EOSINOPHIL	4.0	0/0	1.0 - 6.0
MONOCYTE	6.0	0/0	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
TOTAL RED BLOOD CELL COUNT (RBC)	4.62	x10^6/uL	4.50 - 5.50
HEMATOCRIT (HCT)	46.70	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	104.0 H	n.	83.0 - 101.0
MEAN CORP HB (MCH)	34.0 H	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	32.7	g/dl.	31.5 - 34.5
PLATELET COUNT	218	x10^3/uL	150 - 410
RDW-CV	16.7 H	%	11.6 - 14.0

ADIYTA

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HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR) Methord:- Westergreen

06

mm in 1st hr

00 - 15

The erythrocyte sedimentation rate (ESR or sed rate) is a relatively simple, inexpensive, non-specific test that has been used for many years to help detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases.ESR is said to be a non-specific test because an elevated result often indicates the presence of inflammation but does not tell the health practitioner exactly where the inflammation is in the body or what is causing it. An ESR can be affected by other conditions besides inflammation. For this reason, the ESR is typically used in conjunction with other tests, such as C-reactive protein. ESR is used to help diagnose certain specific inflammatory diseases, including temporal arteritis, systemic vasculitis and polymyalgia rheumatica. (For more on these, read the article on Vasculitis.) A significantly elevated ESR is one of the main test results used to support the diagnosis. This test may also be used to monitor disease activity and response to therapy in both of the above diseases as well as



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(CBC): Methodology: TLC,DLC Fluorescent Flow cytometry, HB SLS method,TRBC,PCV,PLT Hydrodynamically focused Impedance and MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: Sysmex 6 part fully automatic analyzer XN-L,Japan



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Final Authentication: 09/04/2023 13 22 44

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interv			
FASTING BLOOD SUGAR (Plasma) Methord:- GOD POD	106.0	mg/dl	70.0 - 115.0			
Impaired glucose tolerance (IGT)	l	11 - 125 mg/dL				
Diabetes Mellitus (DM)	>	> 126 mg/dL				

Instrument Name: HORIBA CA60 Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm,

hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels (hypoglycemia) may result from excessive insulin

therapy or various liver diseases.

BLOOD SUGAR PP (Plasma)

Methord:- GOD PAP

110.0

mg/dl

70.0 - 140.0

Instrument Name: HORIBA Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm. hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases .

ADIYTA, VIKARANTJI

Technologist

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (H	bA1C)		
Methord:- CAPILLARY with EDTA	5.1	mg%	Non-Diabetic < 6.0 Good Control 6.0-7.0 Weak Control 7.0-8.0 Poor control > 8.0
MEAN PLASMA GLUCOSE Methord: - Calculated Parameter	100	mg/dL	68 - 125

INTERPRETATION

AS PER AMERICAN DIABETES ASSOCIATION (ADA) Reference Group HbA1c in % Non diabetic adults >=18 years < 5.7 At risk (Prediabetes) 5.7 - 6.4 Diagnosing Diabetes >= 6.5

CLINICAL NOTES

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings. Some of the factors that influence HbA1c and its measurement [Adapted from Gallagher et al.]

- Increased HbA1c; iron, vitamin B12 deficiency, decreased erythropoiesis
- Decreased HbA1c: administration of erythropoietin, iron, vitamin B12, reticulocytosis, chronic liver disease.
- 2. Altered Haemoglobin-Genetic or chemical alterations in hemoglobin: hemoglobinopathies, HbF, methemoglobin, may increase or decrease HbA1c.

3. Glycation

- Increased HbA1c: alcoholism, chronic renal failure, decreased intraerythrocytic pH
- Decreased HbA1c: certain hemoglobinopathies, increased intra-erythrocyte pH

4. Erythrocyte destruction

- Increased HbA1c: increased erythrocyte life span: Splenectomy
- Decreased A1c, decreased RBC life span; hemoglobinopathies, splenomegaly, rheumatoid arthritis or drugs such as antiretrovirals, inbavirin & dapsone 5. Others

- Increased HbA1c: hyperbilirubinemia, carbamylated hemoglobin, alcoholism, large doses of aspirin * chronic opiate use; chronic renal failure
- Decreased HbA1c: hypertriglyceridemia, reticulocytosis, chronic liver disease, aspirin, vitamin C and E splenomegaly, rheumatoid arthritis or drugs

1. Shortened RBC life span -HbA1c test will not be accurate when a person has a condition that affects the average lifespan of red blood cells (RBCs), such as hemolytic anemia or blood loss. When the lifespan of RBCs in circulation is shortened, the A1c result is falsely low and is an unreliable measurement of a person's average glucose over time 2. Abnormal forms of hemoglobin - The presence of some hemoglobin variants, such as hemoglobin S in sickle cell anemia, may affect certain methods for measuring A1c. In these cases, fructosamine can be used to monitor glucose control

Advised:

1.To follow patient for glycemic control test like fructosamine or glycated albumin may be performed instead

2. Hemoglobin HPLC screen to analyze abnormal hemoglobin variant.

estimated Average Glucose (eAG) based on value calculated according to National Glycohemoglobin Standardization Program (NGSP) cnteria

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Janu DR.TANU RUNGTA

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HAEMATOLOGY

BLOOD GROUP ABO Methord:- Haemagglutination reaction "A" POSITIVE



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BIOCHEMISTRY

	DIOCHE	ALISTAT	
Test Name	, Value	Unit	Biological Ref Interva
LIPID PROFILE			
TOTAL CHOLESTEROL Methord:- CHOD-PAP methodology	140.00	mg/dl	Desirable <200 Borderline 200-239 High> 240
InstrumentName:MISPA PLUS Interpretat disorders.	ion: Cholesterol measurements	s are used in the diagnosis	and treatments of lipid lipoprotein metabolism
TRIGLYCERIDES Methord:- GPO-PAP	125.00	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500
			5 17

InstrumentName:Randox Rx Imola Interpretation: Triglyceride measurements are used in the diagnosis and treatment of diseases involving lipid metabolism and various endocrine disorders e.g. diabetes mellitus, nephrosis and liver obstruction

DIRECT HDL CHOLESTEROL 58.00 mg/dl Methord: Selective inhibition Method Female 42-88

Instrument Name:MISPA PLUS Interpretation: An inverse relationship between HDL-cholesterol (HDL-C) levels in serum and the incidence/prevalence of coronary heart disease (CHD) has been demonstrated in a number of epidemiological studies. Accurate measurement of HDL-C is of vital importance when assessing patient risk from CHD. Direct measurement gives improved accuracy and reproducibility when compared to

precipitation methods. LDL CHOLESTEROL Methord:- Calculated Method	61.17	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Methord:- Calculated	25.00	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord:- Calculated	2.41		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Methord:- Calculated	1.05		0.00 - 3.50
TOTAL LIPID Methord:- CALCULATED	460.24	mg/dl	400.00 - 1000.00

- Measurements in the same patient can show physiological& analytical variations. Three serialsamples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol.
- 2. As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended
- 3. Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.

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BIOCHEMISTRY

Comments: 1- ATP III suggested the addition of Non HDL Cholesterol (Total Cholesterol - HDL Cholesterol) as an indicator of all atherogenic lipoproteins (mainly LDL & VLDL). The Non HDL Cholesterolis used as a secondary target of therapy in persons with triglycerides >=200 mg/dL. The goal for Non HDL Cholesterol in those with increased triglyceride is 30 mg/dL above that set for LDL Cholesterol.

2 -For calculation of CHD risk, history of smoking, any medication for hypertension & current B.P. levels are required



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BIOCHEMISTRY

LIVER PROFILE WITH GGT			
SERUM BILIRUBIN (TOTAL) Methord:- DMSO/Diazo	0.70	mg/dI.	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord:- DMSO/Diazo	0.23	mg/dL	Up to 0 40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord:- Calculated	0.47	mg/dl	0.30-0.70
SGOT Methord:- IFCC	49.8 H	U/L	0.0 - 40.0
SGPT Methord:- IFCC	28.1	U/L	0.0 - 40.0
SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE	55.30	U/I.	53.00 - 141.00
SERUM GAMMA GT Methord:- Szasz methodology Instrument Name Randox Rx Imola Interpretation: Elevations in GGT levels are seen earlier and more pronounced than the	29.40 sose with other liver enzym	U/L.	10.00 - 45.00
metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or post- hepatic biliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times)	es normal)are observed with	infectious hepatitis	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	8.10	g/dl	6.00 - 8.40
SERUM ALBUMIN Methord:- Bromocresol Green	5.24	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.86	gm/dl	2.20 - 3.50

Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

Note: These are group of tests that can be used to detect the presence of liver disease, distinguish among different types of liver disorders, gauge the extent of known liver damage, and monitor the response to treatment. Most liver diseases cause only mild symptoms initially, but these diseases must be detected early. Some tests are associated with functionality (e.g., albumin), some with cellular integrity (e.g., transaminase), and some with conditions linked to the biliary tract (gamma-glutamyl transferase and alkaline phosphatase). Conditions with elevated levels of ALT and AST include hepatitis A,B,C, paracetamol toxicity etc. Several biochemical tests are useful in the evaluation and management of patients with hepatic dysfunction. Some or all of these measurements are also carried out (usually about twice a year for routine cases) on those individuals taking certain medications, such as anticonvulsants, to ensure that the medications are not adversely impacting the person's liver.

ADIYTA

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A/G RATIO

DR.TANU RUNGTA MD (Pathology) RMC No. 17226

1.30 - 2.50



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BIOCHEMISTRY

RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord:- Urease/GLDH 19.90

mg/dl

10.00 - 50.00

InstrumentName: HORIBA CA 60 Interpretation: Urea measurements are used in the diagnosis and treatment of certain renal and metabolic

SERUM CREATININE Methord:- Jaffe's Method

0.69

mg/dl

Males: 0.6-1.50 mg/dl Females: 0.6 -1.40 mg/dl

Interpretation:

Creatinine is measured primarily to assess kidney function and has certain advantages over the measurement of urea. The plasma level of creatinine is relatively independent of protein ingestion, water intake, rate of urine production and exercise. Depressed levels of plasma creatinine are rare and not

clinically significant. SERUM URIC ACID

5.52

mg/dl

2.40 - 7.00

InstrumentName:HORIBA YUMIZEN CA60 Daytona plus Interpretation Elevated Urate; High purine diet. Alcohol• Renal insufficiency. Drugs Polycythaemia vera, Malignancies, Hypothyroidism, Rare enzyme defects, Downs syndrome, Metabolic syndrome. Pregnancy Gout

SODIUM

mmol/L

Interpretation: Decreased sodium - Hyponatraemia Causes include: fluid or electrolyte loss, Drugs. Oedematous states, Legionnaire's disease and other chest infections, pseudonatremia, Hyperlipidaemias and paraproteinaemias, endocrine diseases .SIADH.

POTASSIUM

4.07

mmol/I

3.50 - 5.50

Artefactual, Physiologidal vation, Drugs. Pathological states. Renal failure Interpretation: A. Elevated potassium (hyperkalaemia). Adrenocortical insufficiency, metabolic acidoses, very high platelet or white cell counts B. Decreased potassium (hypokalaemia)Drugs. Liquoric, Diarrhoea and vomiting, Metabolic alkalosis, Corticosteroid excess, Oedematous state. Anorexia nervosa/bulimia

CHLORIDE

97.6

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM

8.74

mg/dl

8.10 - 11.50

InstrumentName:Rx Daytona plus Interpretation: Serum calcium levels are believed to be controlled by parathyroid hormone and vitamin D Increases in serum PTH or vitamin D are usually associated with hypercalcemia. Hypocalcemia may be observed in hypographyroidism, nephrosis and pancreatitis.

SERUM TOTAL PROTEIN

A Denot Direct Biuret Reagent

8 10

g/dl

6.00 - 8.40

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BIOCHEMISTRY

SERUM ALBUMIN Methord:- Bromocresol Green		5.24	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	α	2.86	gm/dl	2.20 - 3.50
A/G RATIO		1.83		1.30 - 2.50

Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

INTERPRETATION

Kidney function tests are group of tests that can be used to evaluate how well the kidneys are functioning. Creatinine is a waste product that comes from protein in the diet and also comes from the normal wear and tear of muscles of the body. In blood, it is a marker of GFR in urine, it can remove the need for 24-hour collections for many analytes or be used as a quality assurance tool to assess the accuracy of a 24-hour collection Higher levels may be a sign that the kidneys are not working properly. As kidney disease progresses, the level of creatinine and urea in the bloodincreases. Certain drugs are nephrotoxic hence KFT is done before and after initiation of treatment with these drugs

Low serum creatinine values are rare; they almost always reflect low muscle mass.

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CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
PHYSICAL EXAMINATION	s W		
COLOUR	PALE YEL	LOW	PALE YELLOW
APPEARANCE	Clear		Clear
CHEMICAL EXAMINATION	<u>1</u>		
REACTION(PH)	5.0		5.0 - 7.5
SPECIFIC GRAVITY	1.010		1.010 - 1.030
PROTEIN	NII.	(S)	NII.
SUGAR	NIL		NII.
BILIRUBIN	NEGATIV	E	NEGATIVE
UROBILINOGEN	NORMAL.		NORMAL
KETONES	NEGATIV	E 411 A	NEGATIVE.
NITRITE	NEGATIV	E	NEGATIVE
MICROSCOPY EXAMINAT	ION		
RBC/HPF	NIL	/HPF	NIL.
WBC/HPF	2-3	/HPF	2-3
EPITHELIAL CELLS	2-3	/HPF	2-3
CRYSTALS/HPF	ABSENT		ABSENT
CAST/HPF	ABSENT		ABSENT
AMORPHOUS SEDIMENT	ABSENT		ABSENT
BACTERIAL FLORA	ABSENT		ABSENT
YEAST CELL	ABSENT		ABSENT
OTHER	ABSENT	Christian Christ	

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IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
PSA (PROSTATE SPECIFIC ANTIGEN) -TOTAL Methord:- Methodology: CLIA	0.594	ng/ml.	0.00-4.00

CLINICAL NOTES:- Prostate-specific antigen (PSA)is a 34-kD glycoprotein produced almost exclusively by the prostate gland

PSA is normally present in the blood at very low levels. Increased levels of PSA may suggest the presence of prostate cancer

1.Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography and needle biopsy of prostate is not recommended as they falsely elevate levels

- 2. PSA values regardless of levels should not be interpreted as absolute evidence of the presence or absence of disease. All values should be correlated with clinical findings and other investigations
- 3. Physiological decrease in PSA level by 18% has been observed in sedentary patients either due to supine position or suspended sexual activity

Clinical Use

- · An aid in the early detection of Prostate cancer when used in conjunction with Digital rectal examination in males more than 50 years of age and in those with two or more affected first degree relatives.
- · Follow up and management of Prostate cancer patients
- Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer

NOTE

PSA levels can be also increased by prostatitis, irritation, benign prostatic hyperplasia (BPH), and recent ejaculation, producing a false positive result. Digital rectal examination (DRE) has been shown in several studies to produce an increase in PSA. However, the effect is clinically insignificant, since DRE causes the most substantial increases in patients with PSA levels already elevated over 4.0 ng/mL

Obesity has been reported to reduce serum PSA levels. Delayed early detection may partially explain worse outcomes in obese men with early prostate cancer. Aftertreatment, higher BMI also correlates to higher risk of recurrence.

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IMMUNOASSAY

TOTAL THYROID PROFILE THYROID-TRIIODOTHYRONINE T3

1.01

ng/mL

0.70 - 2.04

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result. Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions simpultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1.Primary hyperthyroidism is accompanied by 1 serum 13.8. T4 values along with "TSH level 2 Low 1.SH, high FT4 and TSH recentor antibody (TRAb). INT LEFFIXE LEATION-blurs agentation as generation assay 1.Primary hyperthyroidism is accompanied by 1. Serum 1.5 & 1.4 values along with 1. Serieve 2.0 w 1.5 ft.night 1.4 and 1.5 ft. receptor antibody; incompleted by 1.4 serum in patients with Graves disease 3.0 w 15H, high FT4 and TSH receptor antibody; incompleted by 1.0 ft. and 1.5 ft. receptor antibody increased seen in patients with Hashimotos thyroiditis 5. HighTSH, Low FT4 and Thyroid microsomal antibody normal seen in patients with I.0 dine deficiency/Congenital T4 synthesis deficiency 6.0 w 1.5 ft. and TSH stimulation test. Delayed response seen in patients with Tertiary hypothyroidism 7.5 ft. and TSH stimulation is accompanied by 1.5 ft. and 1.

DURING PREGNANCY - REFERENCE RANGE for TSH IN ulU/mL (As per American Thyroid Association) 1st Trimester 0.10-2.50 ulU/mL 2rid Trimester 0.20-3.00 ulU/mL 3rd Trimester 0.30-3.00 ulU/mL The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy

REMARK-assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test. Abnormal thyroid test findings often found in orbically ill patients should be repeated after the critical nature of the condition is resolved. TSH is an important marker for the diagnosis of thyroid dysfunction Recent studies have shown that the TSH distribution progressively shifts to a higher **EFFAROMOREM (FIG.)** side to a real change with ade of \$1.00 to the properties of the condition of the condition in the elderly \$1.00 to the condition of the condition of the condition is resolved. TSH is an important marker for the diagnosis of thyroid dysfunction Recent studies have shown that the TSH distribution progressively shifts to a higher **EFFAROMOREM (FIG.)** side to a real change with ade of \$1.00 to the condition of the conditio Methord: - ECLIA

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result. Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions simbultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1. Primary hyperthyroidism is accompanied by *ser<mark>um T3 & T4</mark> values along with *TSH level 2 Low TSH high FT4 and TSH receptor antinody/TRAIN +ve seen in patients with Graves disease 3.1 ow TSH, high FT4 and TSH receptor antibody(TRAb) -ve seen in patients with Toxic adenoma/Toxic Multinodular gotter 4 HighTSH Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroiditis 5.HighTSH, Low FT4 and Thyroid microsomal antibody normal seen in patients with Hashimotos thyroiditis 5.HighTSH, Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism 7.Primary hypothyroidism is accompanied by 1 serum T3 and T4 values 8 serum T5H levels apcompanied by 1.3 levels and low T5H are seen in patients with T3 Thyrotoxicosis9 Normal or 13.8 10.Normal T3.8 T4 along with 1.5 Normal T3.8 T4 levels with 1.5 Undicate Mild. Subclinical Hyperthyroidism. 1.1 Normal T3.8 1.14 along with 1.5 Normal T3.8 T4 levels with 1.5 Undicate Mild. Subclinical Hyperthyroidism.

DURING PREGNANCY - REFERENCE RANGE for TSH IN ulU/mL (As per American Thyroid Association) 1st Trimester : 0.10-2:50 ulU/mL 2nd Trimester : 0.20-3:00 ulU/mL 2nd Trimester : 0.30-3:00 ulU/mL 2nd Trim ulU/ml. The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy

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TSH

Methord: - ECLIA

1.025

μIU/mL

0.350 - 5.500

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions, simpultaneous measurement of TSH with free T4 is useful in

INTERPRETATION-Ultra Sensitive 4th generation assay A Dev TsA. high FT4 and TSH receptor antibody (TRAb) +ve seen in patients with Graves disease

Technologist Page No: 15 of 16 DR.TANU RUNGTA MD (Pathology)

RMC No. 17226

Janu



91-141-4824885 maxcarediagnostics1@gmail.com NAME:- Mr. ANUPAM SHARMA

Age :-41 Yrs 10 Mon 24 Days

Sex :-Male

Patient ID :-122356

Date :- 08/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company -

Mr.MEDIWHEEL

Final Authentication: 08/04/2023 15 50 27

IMMUNOASSAY

3.Low TSH,high FT4 and TSH receptor antibody(TRAb) -ve seen in patients with Toxic adenoma/Toxic Multinodular goiter

4.HighTSH,Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroiditis
5.HighTSH,Low FT4 and Thyroid microsomal antibody normal seen in patients with Iodine deficiency/Congenital T4 synthesis deficiency

5.HighTSH,Low F14 and Thyroid microsomal antibody normal seen in patients with Iodine deliciency/Congenita 5.Low TSH,Low F14 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism. 7.Primary hypothyroidism is accompanied by 1 serum T3 and T4 values & 1serum T3H levels 8.Normal T4 levels accompanied by 1 T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis 9.Normal or 1 T3 & 174 levels indicate T4 Thyrotoxicosis (problem is conversion of T4 to T3) 10.Normal T3 & T4 along with 1 TSH indicate mild / Subclinical Hyperthyroidism .

11.Normal T3 & T4 along with 1 TSH indicate Mild / Subclinical Hypothyroidism .

12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .

13.Slightly | T3 levels may be found in pregnancy and in estrogen therapy while | Tevels may be encountered in severe illness | mainutition | renat failure and during therapy 13.3 signay | 13 sees may be encounted in pegitancy and in estrogen therapy while | levels may be encountered in severe liness. I manufacture with drugs like propanolol.

14.Although † TSH levels are nearly always indicative of Primary Hypothroidism , rarely they can result from TSH secreting pituitary tumours.

DURING PREGNANCY - REFERENCE RANGE for TSH IN ullU/mL (As per American Thyroid Association)

1st Trimester: 0.10-2.50 uIU/mL 2nd Trimester : 0.20-3.00 uIU/mL 3rd Trimester : 0.30-3.00 uIU/mL

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*** End of Report ***

ADIYTA

Technologist Page No: 16 of 16

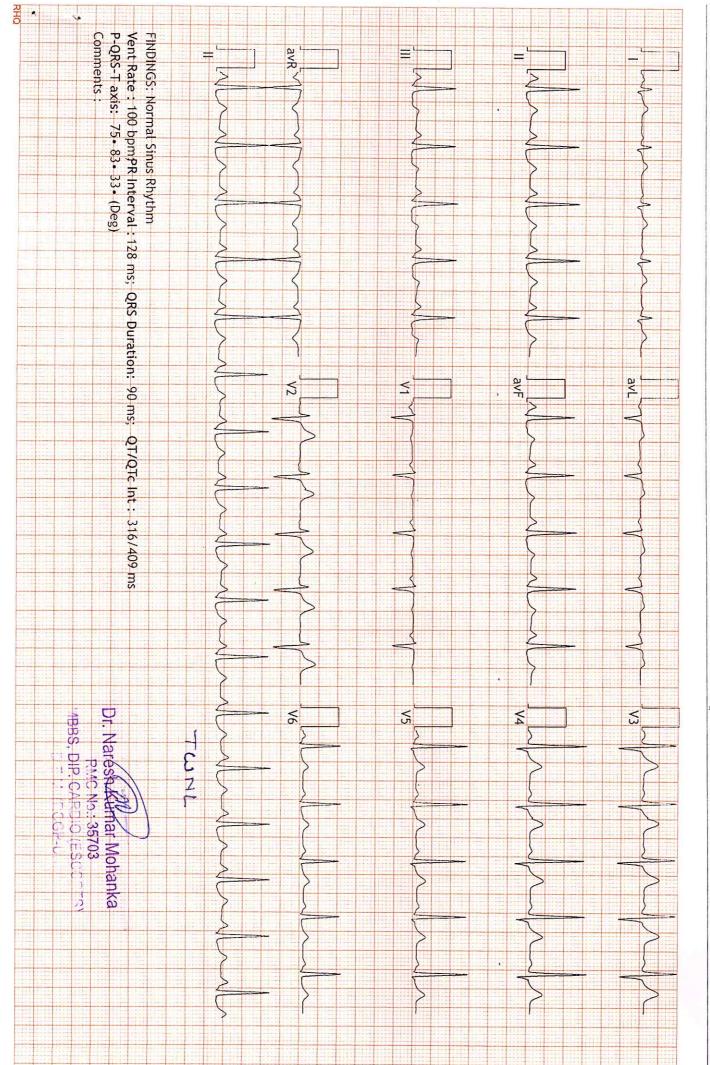
3-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur 3 HEALIH SULUTIONS LLF

lef.: BANK OF BARODA 12229451323392/Anupam Sharma 41Yrs/Male Test Date: 08-Apr-2023(11:01:07) Notch: 50Hz 0.05Hz - 100Hz

Kgs/ Cms BP: 10mm/mV 25mm/Sec _ mmHg

HR: 100 bpm

PR Interval: 128 ms
QRS Duration: 90 ms
QT/QTc: 316/409ms
P-QRS-T Axis: 75 - 83 - 33 (Deg)



'S HEALIH SOLUTIONS LLP

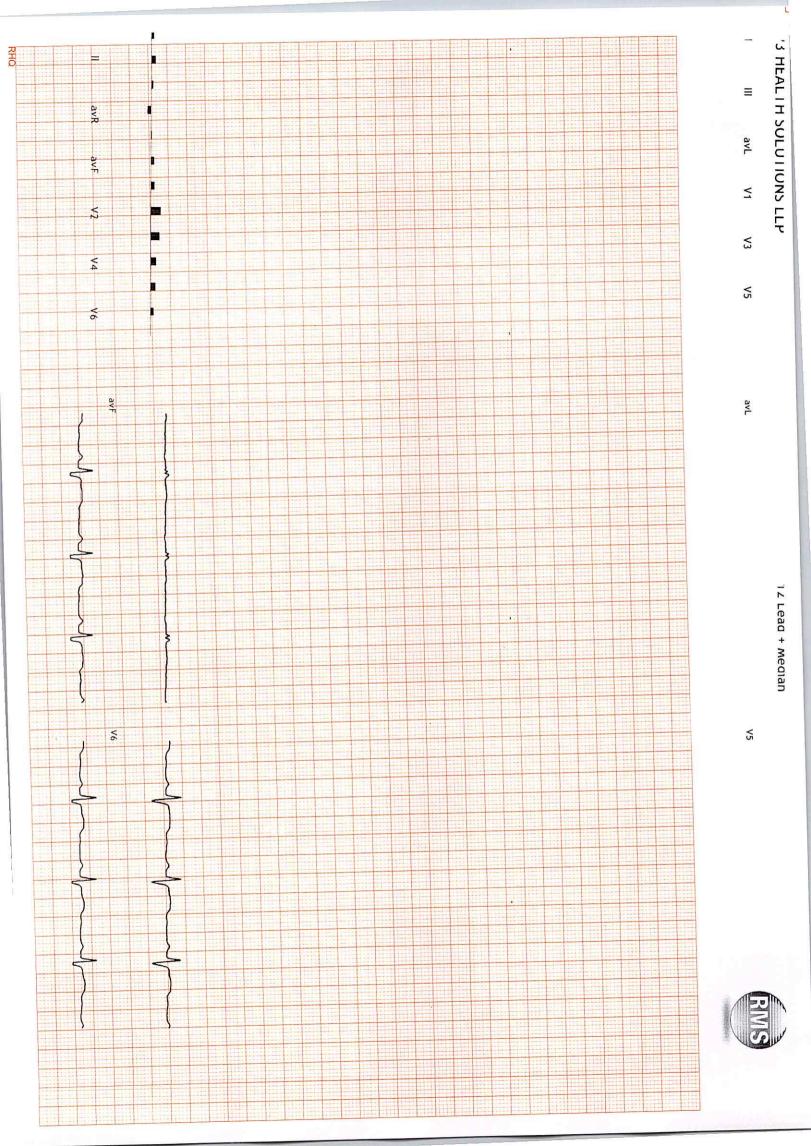
B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur 10019/MR ANUPAM JANGID 37 Yrs/Male 0 Kg/0 Cms Date: 15-Jul-2022 03:29:09 PM Ref. By: MAX LIFE INS... Medication:

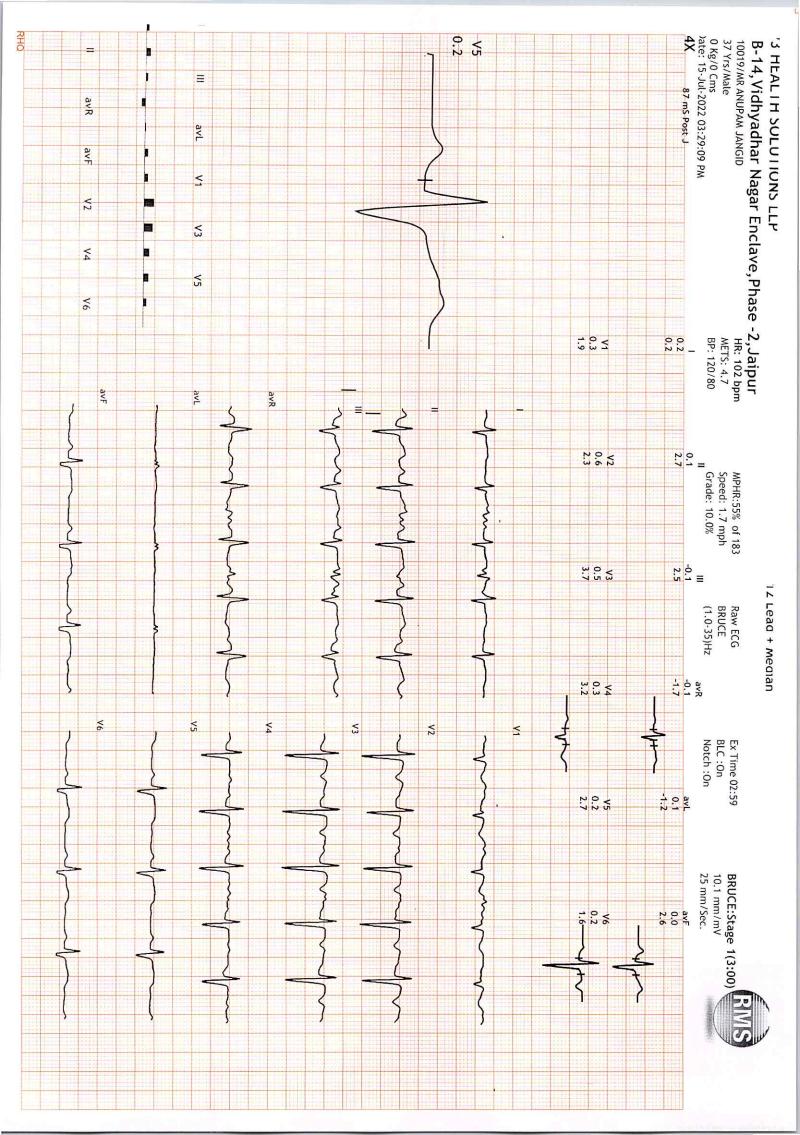
Protocol : BRUCE History :

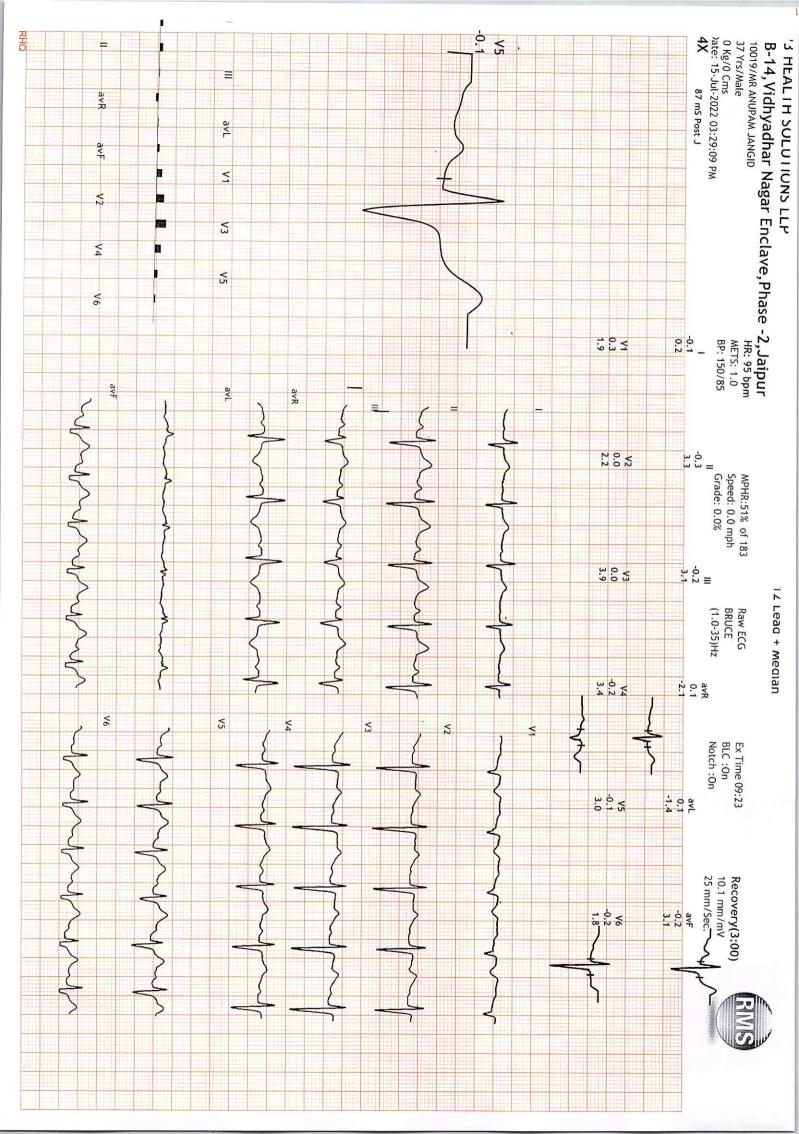
summary



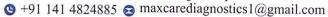
Advice/Comments	Max Mor	Max BP	Max HR Attained	Findings: Exercise Time		Recovery	Recovery	Recovery	Recovery	Recovery	PeakEx	Stage 3	Stage 2	Stage 1	ExStart	¥	Standing	Supine	Stage Sta		Medication: Objective:
ents:	חבוסמט מונימ	Max BP: 155/86(mmHg	Attained	Time		5:00	4:00	3:00	2:00	1:00	0:23	3:01	3:01	3:01					StageTime Pha		
			:156 b	:09:23							9:24	9:02	6:02	3:02					PhaseTime S		
		10 Kiliand Effort Tolerance	pm 85% of			0.0	0.0	0.0	0.0	0.0	4.2	3.4	2.5	1.7					Speed G		
	an Lairce	Tolerance	Max Pred			0.0	0.0	0.0	0.0	0.0	16.0	14.0	12.0	10.0					Grade (%)		
17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	à l	:156 bpm 85% of Max Predictable HR 183			1.0	1.0	1.0	1.0 10	4.3 122	10.6	0.2	7.1	4.7 10	1.0	ō	1.0	1.0	METS H		
I Min of Kecavery That milely positive for RM Corrlelde CHATCHIY 1	in infection leads which Rovesto	Belline ely	183			92 140/80	93 145/85	95 150/85	101 155/86	2 135/85	135/85	135/85	120 125/85	103 120/80	85 120/80	70 120/80	68 120/80	70 120/80	H.R. B.P.		History :
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Dr. Naresh Kumar Mohanka RMC No.: 35703 ABBS, DIP. CARDIO (ESCON.:S	Se within	Vo		V5	V4		V3	V2		Y	avF		avL	avR							
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NAME:	MR. ANUPAM SHARMA	AGE/SEX	41 YRS/M
REF.BY	ВОВ	DATE	08/04/2023

CHEST X RAY (PA VIEW)

Bilateral lung fields appear clear.

Bilateral costo-phrenic angles appear clear.

Cardiothoracic ratio is normal.

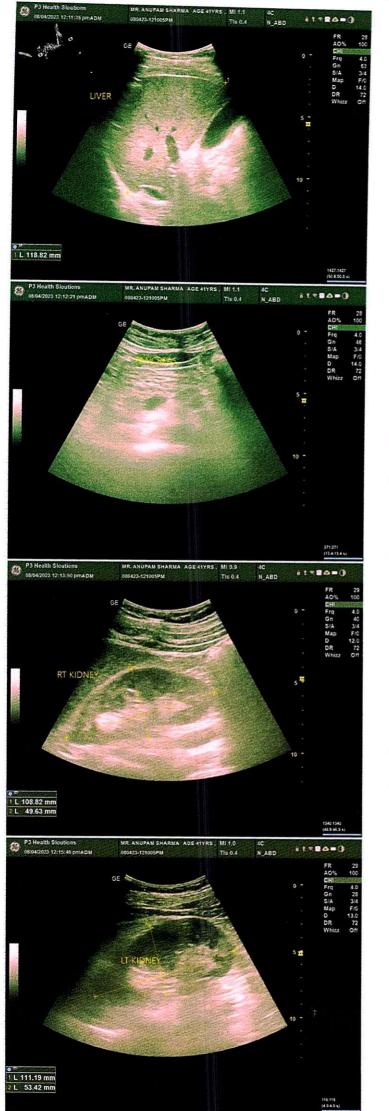
Thoracic soft tissue and skeletal system appear unremarkable.

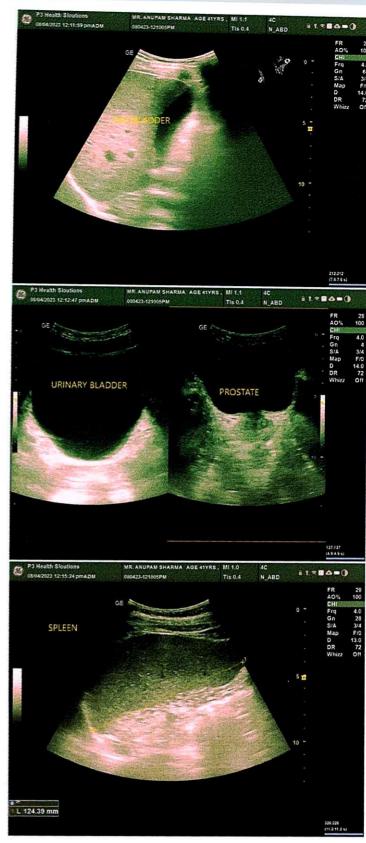
Soft tissue shadows appear normal.

IMPRESSION: No significant abnormality is detected.



DR.SHALINI GOEL M.B.B.S, D.N.B (Radiodiagnosis) RMC No.: 21954







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9 +91 141 4824885 Maxcarculagilostics (@gillaii.com	
MR. ANUPAM SHARMA	41 Y/M
Registration Date: 08/04/2023	Ref. by: BANK OF BARODA

ULTRASOUND OF WHOLE ABDOMEN

Liver is of normal size (11.8 cm). **Echo-texture** is increased. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated. Portal vein diameter is normal.

Gall bladder is well distended. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

Pancreas is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.

Spleen is normal in size and shape (12.4 cm). Echotexture is normal. No focal lesion is seen.

Kidneys are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. Collecting system does not show any calculus or dilatation.

Right kidney is measuring approx. 10.8 x 4.9 cm.

Left kidney is measuring approx. 11.1 x 5.3 cm.

Urinary bladder does not show any calculus or mass lesion.

Prostate is normal in size with normal echotexture and outline.

No enlarged nodes are visualized. No retro-peritoneal lesion is identified. No significant free fluid is seen in pelvis.

IMPRESSION:

- Grade 1 fatty liver.
- Rest no significant abnormality is detected.



DR.SHALINI GOEL

M.B.B.S, D.N.B (Radiodiagnosis)

RMC no.: 21954



122356 ANUPAM SHARMA 41YRS BOB M 08.APR.2023 MAXCARE DIAGNOSTIC (ASSOCIATES OF P3 HEALTH SOLUTIONS LLP)