SII टाकर विभाग HIVA सरकार
INCOME TAX DEPARTMENT GOVT. OF INDIA
BIMAN SAHOO
GOURANGA PRASAD SAHOO
10/12/1983
Permanent Account Number
- DPGPS9022Q
जिल्हा क्षिप्त क्षिप्त क्षिप्त क्षिप्त क्षेत्र क्षे

word 2 gr or

Dr. C. GUPTA MBBS, MD (Physician)



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## **General Physical Examination**

Date of Examination: 13/04/2023	
Name: MR. BIMAN SAHOO Age:	39 DOB: 10/12/1983 Sex: MALE
Referred By: BANK OF BARDA	
Photo ID: PAN CARD ID #: DPMPS902	20
Ht: 167 (cm)	:: <u>65</u> (Kg)
Chest (Expiration): 92 (cm) Ab	domen Circumference: <u>&amp;3</u> (cm)
Blood Pressure: 180 / 80 mm Hg PR: 79 / min	RR: 18 / min Temp: Athelle
eyevision	
Eye Examination: RE 6/6	N/6 NCB
LIF (16	N/6 NCB
Other:	
On examination he/she appears physically and mentally for the signature of Examine : Na	
Signature Of Examine : Na	me of Examinee: Binan-Schoo
Signature Medical Examiner:  Or. O C GUPTA  MBBS, MD (Physician)  RMC No. 281	Name Medical Examiner On V. C. Wuft 9



NAME:- Mr. BIMAN SAHOO

Age :-39 Yrs 4 Mon 4 Days

Sex :-Male



Patient ID :-122389

Date :- 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

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### **HAEMATOLOGY**

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40 N	MALE		
HAEMOGARAM	// LL		
HAEMOGLOBIN (Hb)	14.2	g/dl.	13.0 - 17.0
TOTAL LEUCOCYTE COUNT	6.20	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT	(E. 655)		
NEUTROPHIL	61.0	9/0	40.0 - 80.0
LYMPHOCYTE	32.0	0/0	20.0 - 40.0
EOSINOPHIL	3.0	%	1.0 - 6.0
MONOCYTE	4.0	%	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
TOTAL RED BLOOD CELL COUNT (RBC)	4.83	x10^6/uL.	4.50 - 5.50
HEMATOCRIT (HCT)	42.80	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	89.0	n.	83.0 - 101.0
MEAN CORP HB (MCH)	29.3	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	33.1	g/dl.	31.5 - 34.5
PLATELET COUNT	151	x10^3/uL	150 - 410
RDW-CV	14.0	%	11.6 - 14.0

VIKARANTJI

**Technologist** Page No: 1 of 16



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#### HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR)

10

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



VIKARANTJI

**Technologist** Page No: 2 of 16 DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



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NAME: Mr. BIMAN SAHOO

39 Yrs 4 Mon 4 Days Age :-

Sex :-Male

Patient ID :-122389

Date :- 13/04/2023

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Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

(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



ADIYTA, VIKARANTJI

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39 Yrs 4 Mon 4 Days Age :-

Sex :-Male



Patient ID :-122389

Date - 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 13/04/2023 16 19 44

### **BIOCHEMISTRY**

Test Name	Value	Unit	Biological Ref Interval	
FASTING BLOOD SUGAR (Plasma) Methord:- GOD POD	110.0	mg/dl	70.0 - 115.0	
Impaired glucose tolerance (IGT)	Ţi	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

121.0

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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39 Yrs 4 Mon 4 Days

+91 141 4824885 maxcarediagnostics1@gmail.com

Sex :-Male

Age :-



Patient ID :-122389 Date - 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-Mr.MEDIWHEEL

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#### **HAEMATOLOGY**

Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (HbA1C) Methord:- CAPILLARY with EDTA	5.5	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	111	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 glycenia. 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 Melitus 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, ribavirin & dapsone

- 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

#### Note:

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:

To follow patient for glycemic control test like fructosamine or glycated albumin may be performed instead
 Hemoglobin HPLC screen to analyze abnormal hemoglobin variant.

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

VIKARANTJI

**Technologist** 

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Janu MD (Pathology) RMC No. 17226



# P3 HEALTH SOLUTIONS LLP

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\*\*Spine, Vidinyadnia ragan, supersition of the spine, vidinyadnia ragan, supersition ragan, supers

Age:- 39 Yrs 4 Mon 4 Days

Sex :- Male

Patient ID :-122389 Date :- 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company:- Mr.MEDIWHEEL

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#### **HAEMATOLOGY**

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



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+9NAME:- Mr. BIMAN SAHOO

Age :-

Sex :-Male

39 Yrs 4 Mon 4 Days



Patient ID :-122389

Date: - 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company -

Mr.MEDIWHEEL

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### BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interva
LIPID PROFILE TOTAL CHOLESTEROL	166.00	mg/dl	Desirable <200
Methord:- CHOD-PAP methodology		g u	Borderline 200-239 High> 240
InstrumentName: MISPA PLUS Interpretation: disorders.	Cholesterol measurement	are used in the diagnosis a	nd treatments of lipid lipoprotein metabolism
TRIGLYCERIDES Methord:- GPO-PAP	101.00	mg/dl	Normal <150 Borderline high 150-199 High 200-499

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.

	ARREST CONTRACTOR OF THE PARTY		
DIRECT HDL CHOLESTEROL	46.90	mg/dl	Male 35-80
Methord:- Selective inhibition Method	All .		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	102.27	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Methord:- Calculated	20.20	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord:- Calculated	3.54		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Methord:- Calculated	2.18		0.00 - 3.50
TOTAL LIPID	495.26	mg/dl	400.00 - 1000.00

1. Measurements in the same patient can show physiological& analytical variations. Three serial samples I 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 fromperipheral tissues.

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**Technologist** 

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Janu

DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



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Age :-

39 Yrs 4 Mon 4 Days

Sex :-Male Patient ID :-122389

Date :- 13/04/2023

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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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**Technologist** Page No: 8 of 16



Patient ID :-122389

Date :- 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-Company -

Mr.MEDIWHEEL

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Age :-

39 Yrs 4 Mon 4 Days

Sex :-

Male

### **BIOCHEMISTRY**

LIVER PROFILE WITH GGT				
SERUM BILIRUBIN (TOTAL) Methord:- DMSO/Diazo		0.68	mg/dL	Infants : 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord:- DMSO/Diazo		0.14	mg/dl.	Up to 0 40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord:- Calculated		0.54	mg/dl	0.30-0.70
SGOT Methord:- IFCC		19.6	U/I.	0.0 - 40.0
SGPT Methord:- IFCC		22.4	U/I.	0.0 - 40.0
SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE		55.20	U/L.	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 pronoun	ced than those	21.60 with other liver cozymes	U/L, in cases of obstructive jaundice and	10.00 - 45.00
metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or hepatic biliary obstruction. Only moderate elevations in the enzyme level (		ormal)are observed with it	efectious hepatitis	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	l e	7.01	g/dl	6.00 - 8.40
SERUM ALBUMIN Methord:- Bromocresol Green		4.65	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION		2.36	gm/dl	2.20 - 3.50
A/G RATIO		1.97		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.

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., transaminuse), 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

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**Technologist** 

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

Janu



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Age :-39 Yrs 4 Mon 4 Days

Sex :-Male

Patient ID :-122389 Date :- 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company -

Mr.MEDIWHEEL

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BIOCHEMISTRY

RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord:- Urease/GLDH 43.60

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

1.08

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

5.76

mg/dl

2.40 - 7.00

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

**SODIUM** 

141.8

mmol/I

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** 

3.77

mmol/L

3.50 - 5.50

Artefactual, Physiologida Nation, 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. Ocdematous state, Anorexia nervosa bulimia

CHLORIDE

99.8

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM

8.52

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 hypoparathyroidism, nephrosis and pancreatitis.

SERUM TOTAL PROTEIN VNCARIA RITCIBiuret Reagent

7.01

g/dl

6.00 - 8.40

**Technologist** 

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

Janu



NAME: Mr. BIMAN SAHOO

Age :-39 Yrs 4 Mon 4 Days

Sex :-Male



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#### **BIOCHEMISTRY**

SERUM ALBUMIN Methord:- Bromocresol Green		4.65	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	ç	2.36	gm/dl	2.20 - 3.50
A/G RATIO		1.97		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.

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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Sex :-Male



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#### **CLINICAL PATHOLOGY**

Test Name	Value	Unit	Biological Ref Interval
Urine Routine PHYSICAL EXAMINATION			
COLOUR	PALE YEL	LOW	PALE YELLOW
APPEARANCE	Clear		Clear
CHEMICAL EXAMINATION			
REACTION(PH)	5.0		5.0 - 7.5
SPECIFIC GRAVITY	1.030		1.010 - 1.030
PROTEIN	NIL.		NII.
SUGAR	NIL.		NII.
BILIRUBIN	NEGATIV	E	NEGATIVE
UROBILINOGEN	NORMAL.	A .	NORMAL.
KETONES	NEGATIV	E ABA A	NEGATIVE
NITRITE	NEGATIV	E C	NEGATIVE
MICROSCOPY EXAMINATION	AND DESCRIPTION OF THE PARTY OF		
RBC/HPF	NIL	/HPF	NII.
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		

VIKARANTJI

**Technologist** 

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



NAME 18248.85 MAN SAHOO

Age :-

39 Yrs 4 Mon 4 Days

Sex :-

Male

Patient ID :-122389

Date :- 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

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### **CLINICAL PATHOLOGY**

URINE SUGAR (FASTING)
Collected Sample Received

Nil

Nil



VIKARANTJI

**Technologist** 

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NAME: - Mr. BIMAN SAHOO

39 Yrs 4 Mon 4 Days Age :-

Sex :-

Patient ID: -122389

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### TOTAL THYROID PROFILE

#### **IMMUNOASSAY**

Test Name	Value	Unit	Biological Ref Interval
THYROID-TRIIODOTHYRONINE T3	1.12	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 simultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1. Primary hyperthyroidism is accompanied by \*serum 13 & 14 values along with \* TSH level 2. Low TSH, high F14 and TSH receptor antibody(TRAb) +ve seen in patients with Graves disease 3.Low TSH,high FT4 and TSH receptor antibody(TRAb) -ve seen in patients with Toxic adenoma/Toxic Multimodular 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 6.Low

TSH, Low FT4 and TRH stimulation test-Delayed response seen in patients with Testiary hypothyroidism
7. Primary hypothyroidism is accompanied by 1 serum T3 and T4 values & serum TSH levels8. Normal T4 levels accompanied by 1 serum T3 indicate mild / Subclinical Hypothyroidism 12 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism 15 Normal T3 & T4 alo

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 3rd Trimester .0.30-3.00 uIU/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 contexteroid therapy may result in lower 1SH levels while The properties of the control of the

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 "serum T3 8 T4 values along with "TSH level 2 Low TSH high FT4 and TSH receptor antibody (TRAb) Text No. 17 (No. 17) and 15 (N

DURING PREGNANCY - REFERENCE RANGE for TSH IN ult/mL (As per American Thyroid Association) 1st Trimester: 0.10-2.50 ult/mL 2nd Trimester: 0.20-3.00 ult/mL 3rd Trimester: 0.30-3.00 ult/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 critically ill patients should be instruction formal results are information in the client managed in the client managed in the condition is respected 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 rig concentration with age, and it is debatable whether this is due to a real change with age or an increasing proportion of unrecognized thyroid disease in the elderly.

TSH

Methord:- ECLIA

4.033

μIU/mI.

0 350 - 5 500

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min tretween 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

NTERPRETATION-Ultra Sensitive 4th generation assay
Primary hypertry/roidism is accompanied by † serum T3 & T4 values along with | TSH level

**Technologist** 

Page No: 15 of 16



9 +91 141 4824885 S maxcarediagnostics l@gmail.com NAME :- Mr. BIMAN SAHOO

Sex :-Male

Age :-39 Yrs 4 Mon 4 Days

Patient ID :-122389

Date :- 13/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr MEDIWHEEL

Final Authentication 13/04/2023 16 19 44

### **IMMUNOASSAY**

2.Low TSH,high FT4 and TSH receptor antibody(TRAb) +ve seen in patients with Graves disease 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 Identification of the second of the seco

6.Low TSH,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 & 1 serum T5H levels 8. Normal T4 levels accompanied by 1 T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis

8 Normal T4 levels accompanied by † T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis
9.Normal or † T3 & † T4 levels indicate T4 Thyrotoxicosis (problem is conversion of T4 to T3)
10.Normal T3 & † T4 levels indicate mild / Subclinical Hyperthyroidism.
11.Normal T3 & † T4 along with † TSH is seen in Hypothyroidism.
12.Normal T3 & † T4 levels with † TSH indicate Mild / Subclinical Hypothyroidism
13. Slightly † T3 levels may be found in pregnancy and in estrogen therapy while † levels may be encountered in severe illness mainutintion rehal failure and during therapy 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 ulU/mL (As per American Thyroid Association)

1st Trimester : 0.10-2.50 uIU/mL 2nd Trimester: 0.20-3.00 uIU/ml

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\* End of Report \*

VIKARANTJI

**Technologist** Page No: 16 of 16



⊕ +91 141 4824885 ⊕ maxcarediagnostics1@gmail.com



NAME:	MR. BIMAN SAHOO	AGE/SEX	39 YRS/M
REF.BY	BANK OF BARODA	DATE	13/04/2023

### **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.

Shallni

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

3 HEALLH SULUTIONS LLF

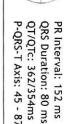
3-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur 

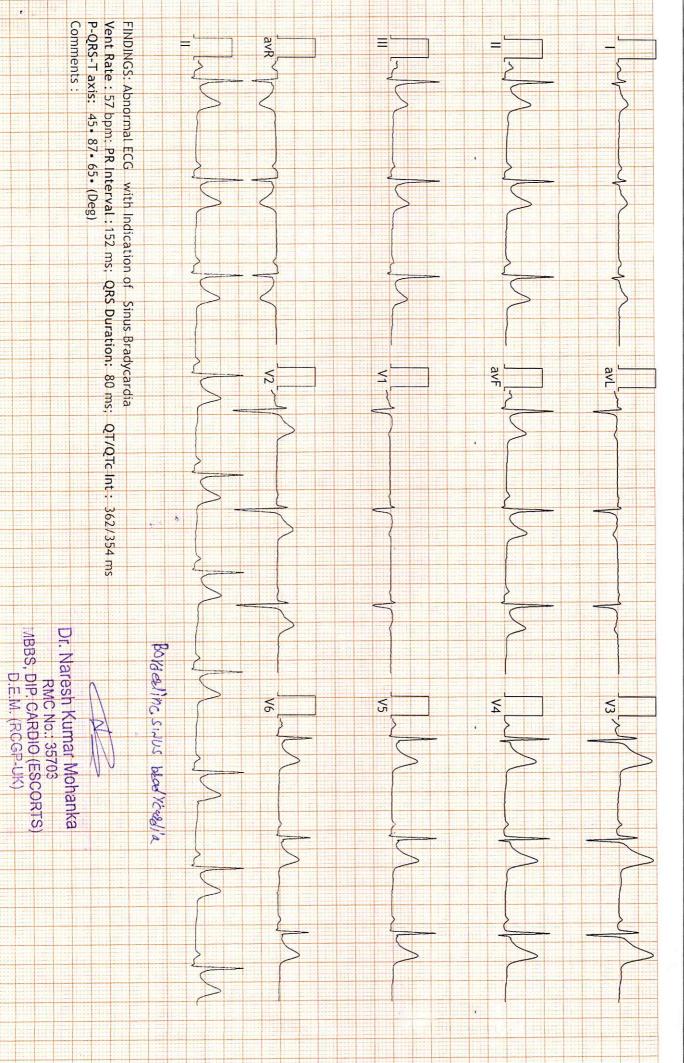
lef.: BANK OF BARODA Test Date: 13-Apr-2023(9:32:50 A) Notch: 50Hz 0.05Hz - 100Hz Kgs/ Cms

\_ mmHg 10mm/mV

25mm/Sec

P-QRS-T Axis: 45 - 87 - 65 (Deg) QT/QTc: 362/354ms





**summary** 

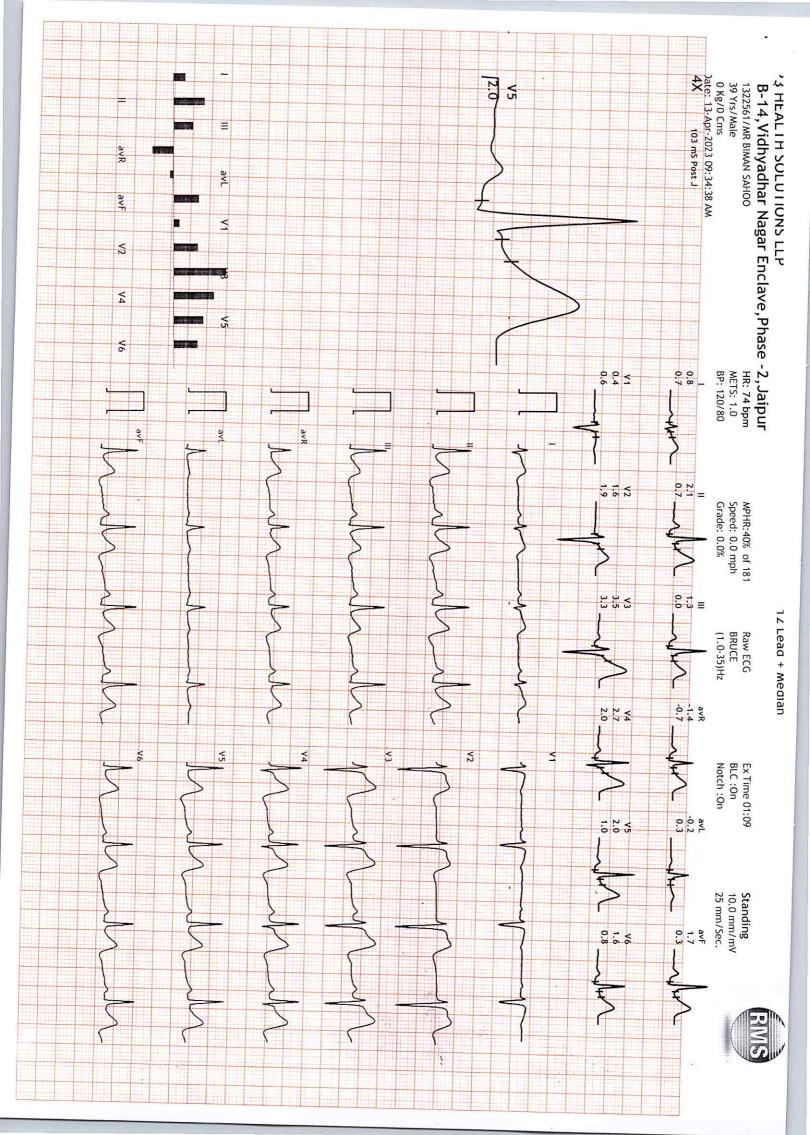
B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur

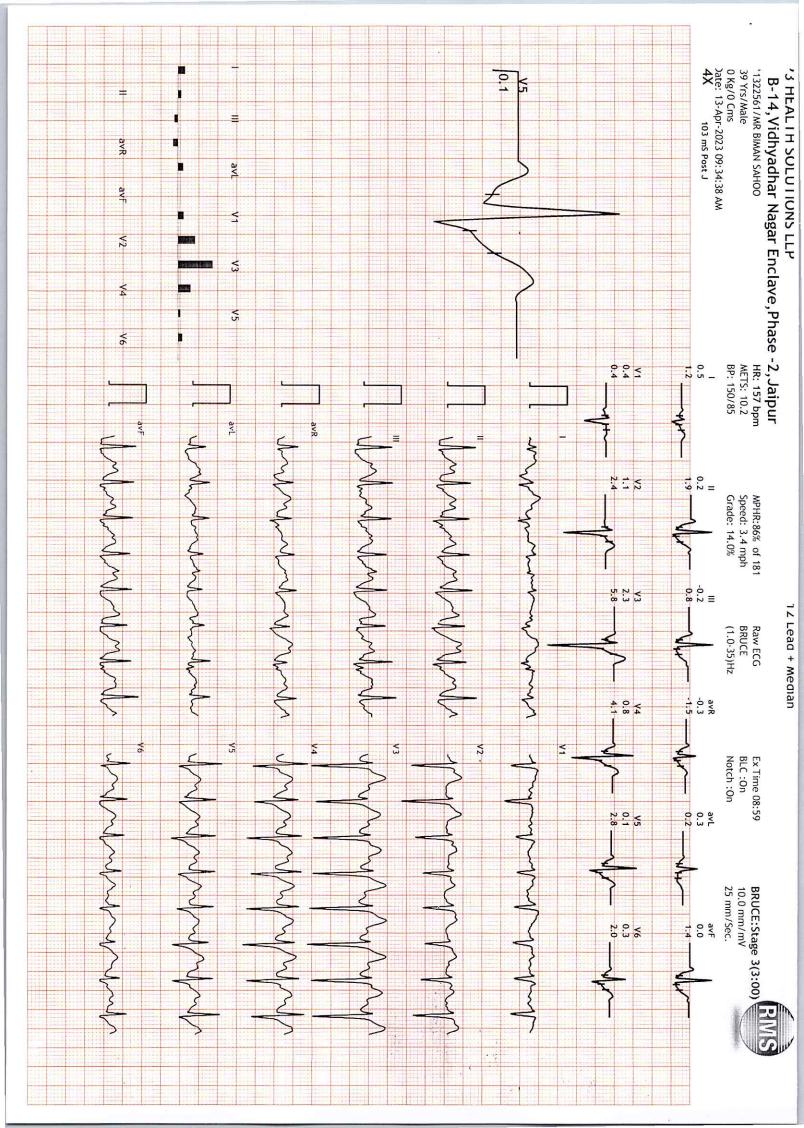
1322561/MR BIMAN SAHOO 39 Yrs/Male 0 Kg/0 Cms Date: 13-Apr-2023 09:34:38 AM Ref. By : BANK OF BARODA

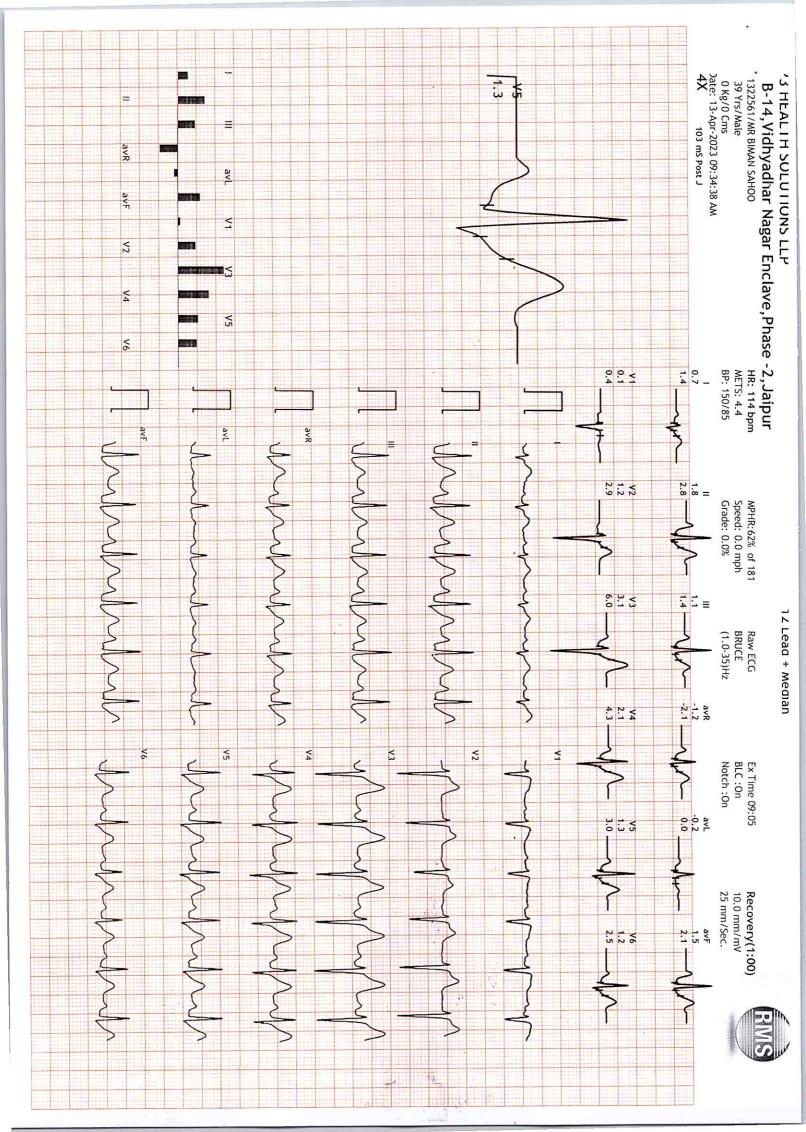
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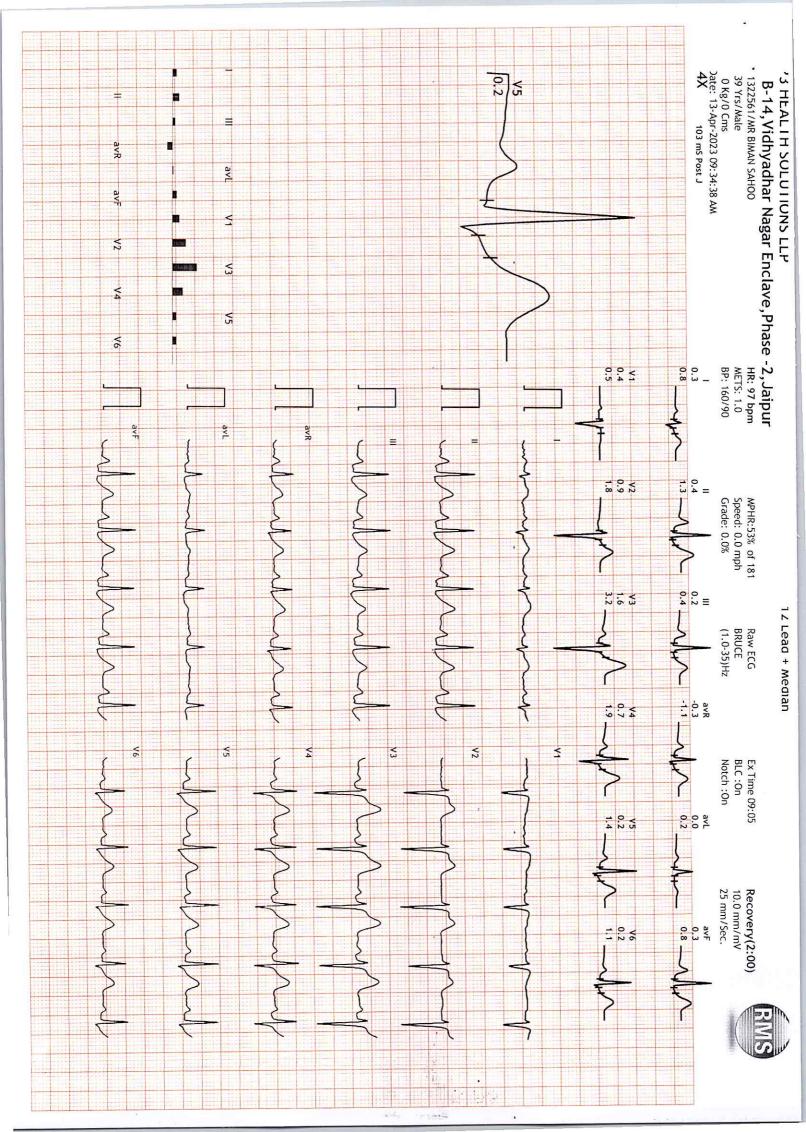
> Protocol: BRUCE History:

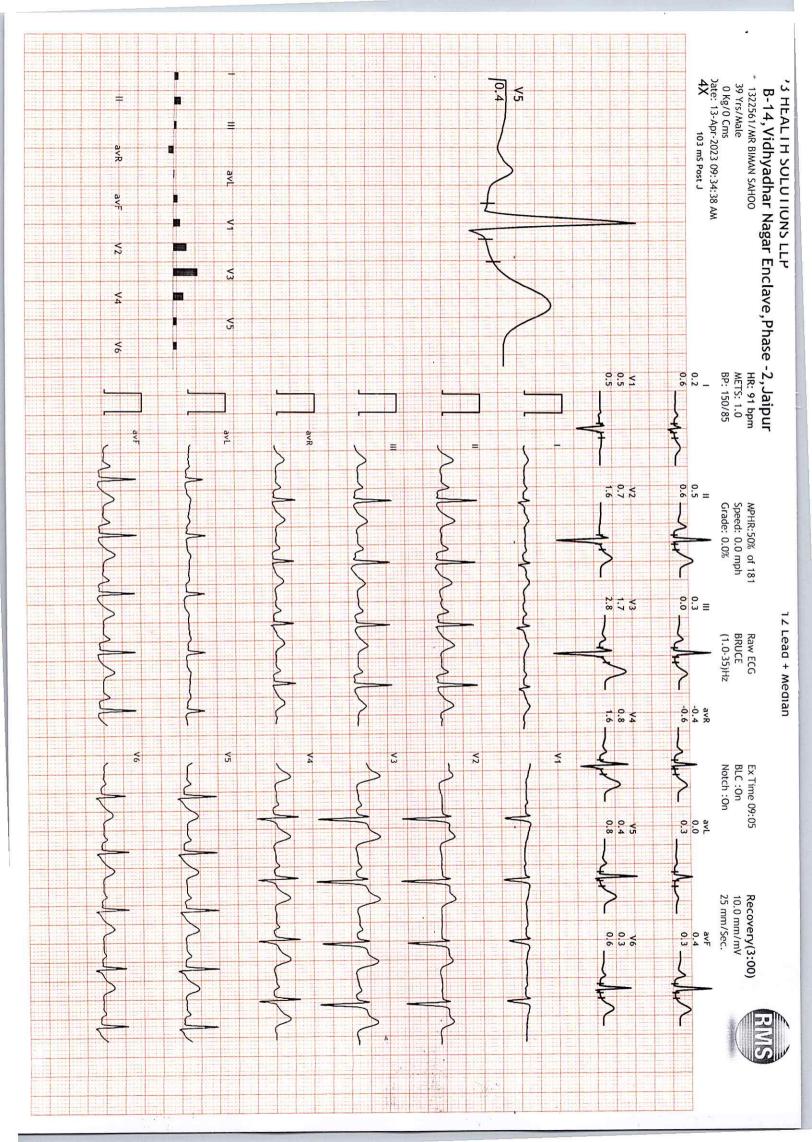
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ime Speed Grade METS H.R.    Seed   Grade   METS   H.R.     (bymn)   1.0   64     1.0   73     1.0   73     1.0   74     1.0   76     1.0   76     1.0   76     1.0   76     1.0   76     1.0   76     1.0   88     1.0   88     1.0   88     1.0   4.7   108     1.0   88     1.0   4.7   108     1.0   7.1   130     1.0   7.1   130     1.0   10.2   156     1.0   10.3   157     1.0   1.0   9.6     1.0   1.0   9.6     1.0   9.0	Time Speed Grade METS H.R. B.P. R.P.P. PVC Comments    1.0	Time Speed Grade METS H.R. B.P. R.P.P. PVC Comments  1.0 64 120/80 76 -	Time Speed Grade METs H.R. B.P. R.P.P. PVC Comments S 2 is seed long to the limits of	nts:		orkLoad atta	P : 160/90µ	R Attained	Timo		4:00	3:00	2:00	1:00	0:05	3:01	3:01	3:01					StageTime F
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R.P.P. PVC Comments 76	P V4 V4 ProcEx X V V4 X X X X X X X X X X X X X X X X	Poskix V3 V2 V1 SVF SV6 V3 V4 V3 V7		MBBS,	Dr. Na						40/80	50/85	50/90	50/85	50/85	50/85	40/80	30/80	20/80	20/80	20/80	20/80	B.P.
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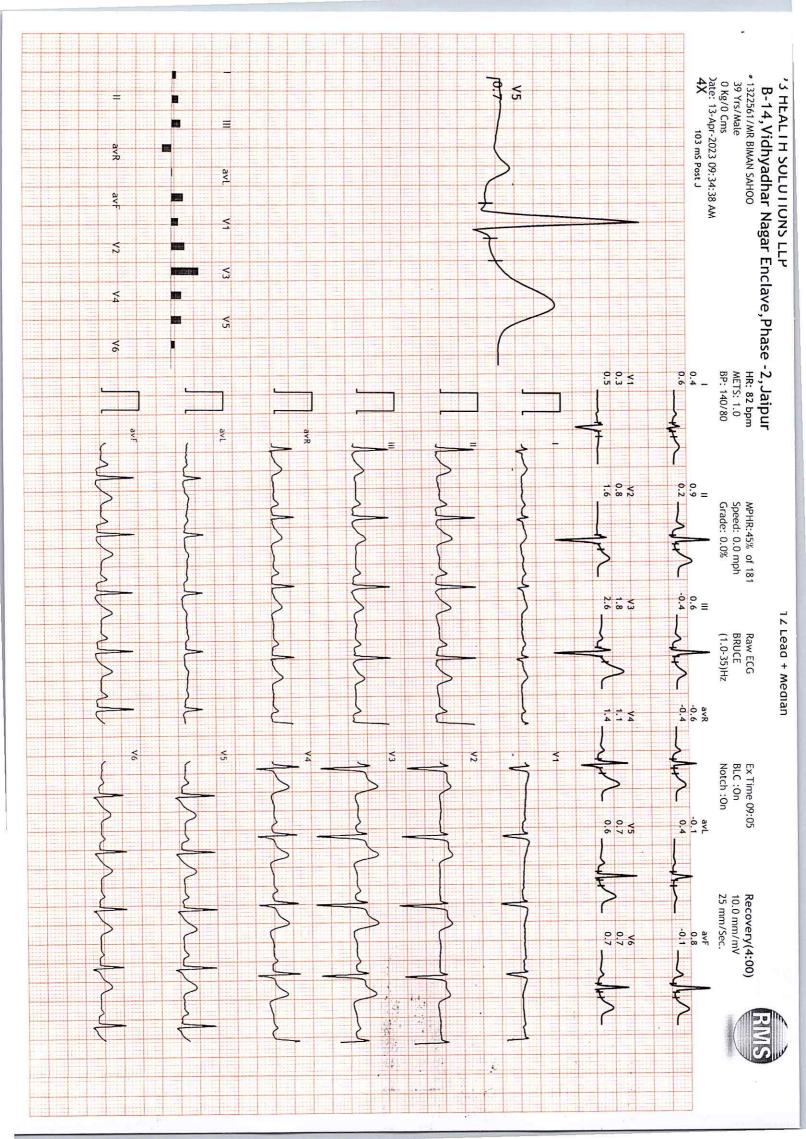














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MR. BIMAN SAHOO	39 Y/M						
Registration Date: 13/04/2023	Ref. by: BANK OF BARODA						

### **ULTRASOUND OF WHOLE ABDOMEN**

**Liver** is of normal size (12.6 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: A well-defined calculus of size 17-18 mm with posterior acoustic shadowing is noted in body region; however, no evidence of pericholecystic free fluid is noted. No 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 of normal size and shape (10.1 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. 10.5 x 5.3 cm.

**Left kidney** is measuring approx. 10.6 x 4.7 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:**

- Cholelithiasis as described above.
- Grade 1 fatty liver.

Shallni

**DR.SHALINI GOEL** 

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

RMC no.: 21954

Dr. SHA 1011 GOEL

MBB 1014 14

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