INCOMETAX DEPARTMENT
APOORVA SHARMA
SHANKARA NAND SHARMA

10/10/1991 Permanent Account Number

GLDPS4890E

Signature

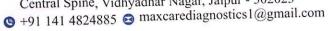
Dr. U. C. GUPTA MBBS, MD (Physician) RMC No. 291 भारत सरकार GOVT. OF INDIA



Apon



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





## **General Physical Examination**

Date of Examination: 11 03 2023
Name: Apostra Sharma Age: 31 DOB: 10/10/1991 Sex: Female
Referred By: Bank of banda
Photo ID: PAN CARD ID#: GLDPS48908
Ht: 160 (cm) Wt: 61 (Kg)
Chest (Expiration): <u>\$2</u> (cm) Abdomen Circumference: <u>\$0</u> (cm)
Blood Pressure: [20] 80 mm Hg PR: 73 / min RR: 18 / min Temp: Attack
BMI 23
Eye Examination: R1E - 6/6 N/6 NCB
1 E 6/6 N/6 N(B
Other:
Wo
On examination he/she appears physically and mentally fit: Yes / No
Signature Of Examine: Name of Examinee: Apoor Va Sharma
Signature Medical Examiner: Name Medical Examiner Dr. U. C. Lypre
Dr. U. C. GUPTA  MBBS, MD (Physician)  RMC No. 29



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NAME :- Mrs. APOORVA SHARMA

Age:- 31 Yrs 5 Mon 1 Days

Sex :- Female



Patient ID: -12223330

Date :- 11/03/2023

10:40:52

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp:-

Company:- Mr.MEDIWHEEL

Final Authentication: 12/03/2023 11:58:15

### HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40	LEMAI		
	FEIVIAL		
HAEMOGARAM	12.5	_ / 3T	12.0 15.0
HAEMOGLOBIN (Hb)	13.5	g/dL	12.0 - 15.0
TOTAL LEUCOCYTE COUNT	7.40	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL.	64.0	%	40.0 - 80.0
LYMPHOCYTE	29.0	%	20.0 - 40.0
EOSINOPHIL	3.0	<b>%</b> 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)	4.25	x10^6/uL	3.80 - 4.80
HEMATOCRIT (HCT)	43.10	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	87.0	n,	83.0 - 101.0
MEAN CORP HB (MCH)	27.2	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	31.4 L	g/dL	31.5 - 34.5
PLATELET COUNT	362	x10^3/uL	150 - 410
RDW-CV	13.4	%	11.6 - 14.0
		AMERICA	

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### **HAEMATOLOGY**

Erythrocyte Sedimentation Rate (ESR)

ethord: - Westergreen

10

mm in 1st hr

00 - 20

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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Technologist Page No: 2 of 16 DR.TANU RUNGTA



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#### **BIOCHEMISTRY**

LIVER PROFILE WITH GGT			
SERUM BILIRUBIN (TOTAL) Methord - DMSO/Diazo	0.70	mg/dl,	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord:- DMSO/Diazo	0.26	mg/dl.	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord:- Calculated	0.44	mg/dl	0.30-0.70
SGOT Methord:- IFCC	20.7	U/L	Men- Up to - 37.0 Female - Up to - 31.0
SGPT Methord:- IFCC	29.4	U/I.	Men- Up to - 40.0 Female- Up to - 31.0
SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE	62.40 .	U/I.	42.00 - 110.00
SERUM GAMMA GT Methord: - Szasz methodology Instrument Name Randox Rx Imola Interpretation Elevations in GGT levels are seen earlier and more prono	19.40	U/L mes in cases of obstructive jaundice and	5.00 - 32.00
metastatic neoplasms. It may reach 5 to 30 times normal levels in intra- hepatic biliary obstruction. Only moderate elevations in the enzyme level		th infectious hepatitis.	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	7.55	g/dl	5.10 - 8.00
SERUM ALBUMIN Methord:- Bromocresol Green	4.83	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.72	gm/dl	2.20 - 3.50
		The state of the s	

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.

1.78

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.

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A/G RATIO

Technologist Page No: 9 of 16 DR.TANU RUNGTA

1.30 - 2.50



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#### **BIOCHEMISTRY**

#### RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord: - Urease/GLDH 18.90

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

0.86

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

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.

Methord:- ISE

134.7 L

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 Methord: - ISE

5.28

mmol/L

3.50 - 5.50

A. Elevated potassium (hyperkalaemia). Interpretation: Artefactual, Physiologidal vation, Drugs, Pathological states, Renal failure 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

107.3

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM

9.77

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

VIKARIA RITCHBiuret Reagent

7.55

g/dl

5.10 - 8.00

fare

SERUM ALBUMIN Methord:- Bromocresol Green

**Technologist** Page No: 10 of 16 4.83

g/dl

DR.TANU RUNGTA



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#### **BIOCHEMISTRY**

SERUM GLOBULIN Methord - CALCULATION 2.72

gm/dl

2.20 - 3.50

A/G RATIO

1.78

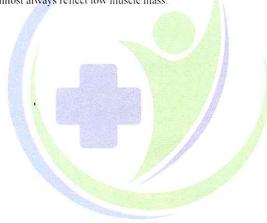
1.30 - 2.50

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-houreollections 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			
COLOUR	PALE YEI	LLOW	PALE YELLOW
APPEARANCE	Clear		Clear
CHEMICAL EXAMINATION			
REACTION(PH)	7.0		5.0 - 7.5
SPECIFIC GRAVITY	1.015		1.010 - 1.030
PROTEIN	NIL.	180	NII.
SUGAR	NIL		NII.
BILIRUBIN	NEGATIV	E T	NEGATIVE
UROBILINOGEN	NORMAI.	. A	NORMAL
KETONES	NEGATIV	E A	NEGATIVE
NITRITE	NEGATIV	E A	NEGATIVE
MICROSCOPY EXAMINATION		Name of the last	
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	Miles and a second	

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### **BIOCHEMISTRY**

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) Methord:- GOD POD	77.3	mg/dl	70.0 - 115.0
Impaired glucose tolerance (IGT)		111 - 125 mg/dL	
Diabetes Mellitus (DM)	0	> 126 mg/dL	

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

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

83.8

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

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Janu DR.TANU RUNGTA



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#### **HAEMATOLOGY**

**Test Name** Value Unit Biological Ref Interval

**GLYCOSYLATED HEMOGLOBIN (HbA1C)** 

Methord:- CAPILLARY with EDTA 5.5 mg%

MEAN PLASMA GLUCOSE 111 mg/dL 0 - 140

Methord: - Calculated Parameter 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 ]

- 1. Erythropoiesis
- 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.
- 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

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

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) criteria

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

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#### **HAEMATOLOGY**

**BLOOD GROUP ABO** Methord - Haemagglutination reaction "B" POSITIVE



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#### BIOCHEMISTRY

	D. O O		
Test Name	Value ·	Unit	Biological Ref Interval
LIPID PROFILE			
TOTAL CHOLESTEROL Methord:- CHOD-PAP methodology	182.00	mg/dl	Desirable <200 Borderline 200-239 High> 240
InstrumentName: MISPA PLUS Interpretation disorders.	: Cholesterol measurements	are used in the diagnosis a	and treatments of lipid lipoprotein metabolism
TRIGLYCERIDES Methord:- GPO-TOPS methodology	96.30	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500
			very high - 500

InstrumentName:MISPA PLUS 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 Methord - Selective inhibition Method

72.00

mg/dl

Male 35-80

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	93.95	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VI.DL CHOLESTEROL Methord:- Calculated	19.26	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord: - Calculated	2.53		0.00 - 4.90
L.DI. / HDL CHOLESTEROL RATIO Methord:- Calculated	1.30		0.00 - 3.50
TOTAL LIPID Methord: CALCULATED	526.88	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 fromperipheral tissues.

Comments: 1- ATP III suggested the addition of Non HDL Cholesterol (Total Cholesterol – HDL Cholesterol) as an indicator of all VIKARANTJI

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#### **BIOCHEMISTRY**

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SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE	62.40	∪л. 🦅	42.00 - 110.00
SERUM GAMMA GT Methord:- Szasz methodology Instrument Name Randox Rx Imola Interpretation Elevations in GGT levels are seen earlier and more pronounced than those	19.40	U/L s in cases of obstructive jaundice and	5.00 - 32.00
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 to 5 tim	normal)are observed with i	nfectious hepatitis.	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	7.55	g/dl	5.10 - 8.00
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SERUM GLOBULIN Methord:- CALCULATION	2.72	gm/dl	2.20 - 3.50
A/G RATIO	1.78	200	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., 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.

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**Technologist** Page No: 9 of 16 DR.TANU RUNGTA



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Company:- Mr.MEDIWHEEL

Final Authentication: 12/03/2023 11:58:15

#### **BIOCHEMISTRY**

#### RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord: - Urease/GLDH 18.90

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

discases.

SERUM CREATININE Methord:- Jaffe's Method 0.86

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

clinically significant. SERUM URIC ACID

2.48

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 Methord:- ISE 134.7 L

mmol/L

35.0 - 15

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** 

Methord - ISE

5.28

mmol/L

3.50 - 5.50

Interpretation: A. Elevated potassium (hyperkalaemia). Artefactual, Physiologidal vation, Drugs. Pathological states, Renal failure 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

107.3

9.77

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM

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 panereatitis.

SERUM TOTAL PROTEIN

VIKARIA NITCI Biuret Reagent

7.55

g/dl

5.10 - 8.00

SF.RUM ALBUMIN Methord:- Bromocresol Green

4.83

g/dl

DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

Janu

Technologist
Page No: 10 of 16



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

© +91 141 4824885 maxcarediagnostics1@gmail.com

NAME :- Mrs. APOORVA SHARMA

Age :-31 Yrs 5 Mon 1 Days

Sex :-Female



Date :- 11/03/2023 Patient ID: -12223330

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-Mr.MEDIWHEEL

Final Authentication: 12/03/2023 11:58:15

10:40:52

#### BIOCHEMISTRY

SERUM GLOBULIN Methord: - CALCULATION

2.72

gm/dl

2.20 - 3.50

A/G RATIO

1.78

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.



VIKARANTJI

**Technologist** Page No: 11 of 16



(ASSOCIATES OF MAXCARE DIAGNOSTICS)

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NAME :- Mrs. APOORVA SHARMA

Age:- 31 Yrs 5 Mon 1 Days

Sex :- Female



Patient ID :-12223330

Date :- 11/03/2023

/03/2023 10:40:5

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company:- Mr.MEDIWHEEL

Final Authentication: 12/03/2023 11:58:15

### **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)	7.0		5.0 - 7.5
SPECIFIC GRAVITY	1.015		1.010 - 1.030
PROTEIN	NIL	KOON-	NIL
SUGAR	NIL		NIL
BILIRUBIN	NEGATIV	E 🧻	NEGATIVE
UROBILINOGEN	NORMAL	· A\	NORMAL
KETONES	NEGATIV	E	NEGATIVE
NITRITE	NEGATIV	E	NEGATIVE
MICROSCOPY EXAMINATION	4000000		
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	The same of the sa	

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Technologist
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Mr.MEDIWHEEL

Final Authentication: 12/03/2023 11:58:15

#### TOTAL THYROID PROFILE

#### **IMMUNOASSAY**

Test Name	Value	Unit	Biological Ref Interval
THYROID-TRIIODOTHYRONINE T3	0.91	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, simoultaneous 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 & T4 values along with" TSH level .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 goiler 4.HighTSH,Low FT4 and Thyroid micros The seen in patients with Graves disease 3.Low 1SH, high F14 and 1SH receptor antibody (1RAD) -ve seen in patients with 15xic adenomal 15xic Multinodular goiter 4. High 1SH, Low F14 and 1 hyroid microsomal antibody increased seen in patients with Hashimotos thyroiditis 5. High TSH, Low F14 and Thyroid microsomal antibody normal seen in patients with Iodine deficiency/Congenital T4 synthesis deficiency 6.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 & 'serum TSH levels 8. Normal T4 levels accompanied by 1 T3 levels and low TSH are seen in patients with 13 Thyrotoxicosis9 Normal or 13 & 14 along with 15 T3 Hindicate mild / Subclinical Hypothyroidism 12. Normal T3 & T4 along with 15 T5H indicate mild / Subclinical Hypothyroidism 15 Hindicate mild / Subclinical Hypothyroidism 15 Hin

DURING PREGNANCY - REFERENCE RANGE for TSH IN ullU/mL (As per American Thyroid Association) 1st Trimester: 0.10-2.50 ullU/mL 2nd Trimester: 0.20-3.00 ullU/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 critically 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 THYROID POP THYROID CONTROL (TAY) is due to a real change with ace or progressive or coordion of the condition of the condition in the elderly. 

5.10 - 14.10 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 simultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

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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 & 'serum TSH levels 8. Normal T4 levels accompanied by 'T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis9 Normal or T3 & T3 10. Normal T3 & T4 along with \*TSH 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 Hyperthyroidism

DURING PREGNANCY - REFERENCE RANGE for TSH IN uIU/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 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 critically 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 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: - FCLIA 1.396

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, smoultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

VITERPRETATION-Ultra Sensitive 4th generation assay

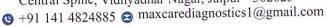
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MD (Pathology) RMC No. 17226

Janu



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





NAME:	MRS. APOORVA SHARMA	AGE/SEX	31 YRS/F
REF.BY	BANK OF BARODA	DATE	11/03/2023

### **CHEST X RAY (PA VIEW)**

Bilateral lung fields appear clear.

Bilateral costo-phrenic angles appear clear.

Cardiothoracic ratio is normal.

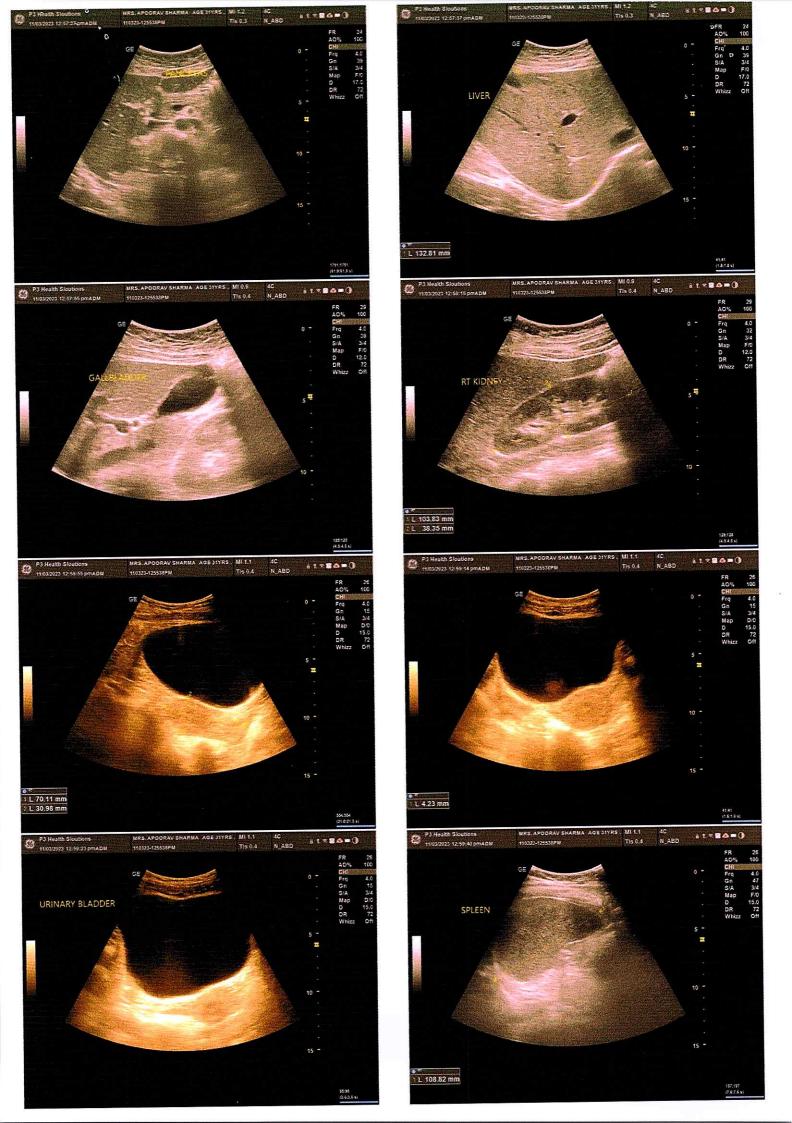
Thoracic soft tissue and skeletal system appear unremarkable.

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







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

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MRS. APOORVA SHARMA Age: 31 Y/F

Registration Date: 11/03/2023 Ref. by: BANK OF BARODA

### **ULTRASOUND OF WHOLE ABDOMEN**

**Liver** is of normal size (13.2 cm). Echo-texture is normal. 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 of normal size and shape (10.8 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. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

Right kidney is measuring approx. 10.3 x 3.8 cm.

**Left kidney** is measuring approx. 10.2 x 4.4 cm.

Urinary bladder does not show any calculus or mass lesion.

**Uterus** is anteverted and normal in size (measuring approx.  $7.0 \times 3.0 \times 3.4 \text{ cm}$ ).

Myometrium shows normal echo -pattern. No focal space occupying lesion is seen. Endometrial echo is normal. Endometrial thickness is 4.2 mm.

Both ovaries are visualized and are normal. No adnexal mass lesion is seen.

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

**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

lef.: BANK OF BARODA Test Date: 11-Mar-2023(15:17:26) Notch: 50Hz 0.05Hz - 100Hz 3-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur 12229451323209/Mrs Apoorva Sharma 32Yrs/Female

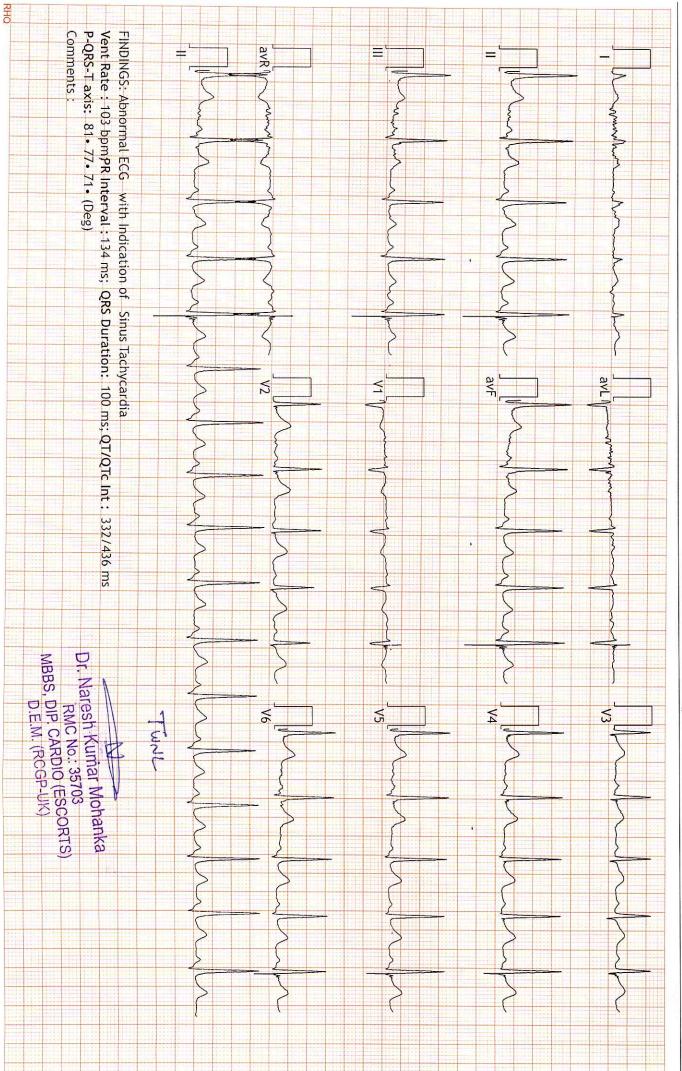
Kgs/31 Cms BP: 10mm/mV

HR: 108 bpm

25mm/Sec mmHg

PR Interval: 134 ms
QRS Duration: 100 ms
M QT/QTc: 332/436ms
P-QRS-T Axis: 81 - 77 - 71 (Deg)

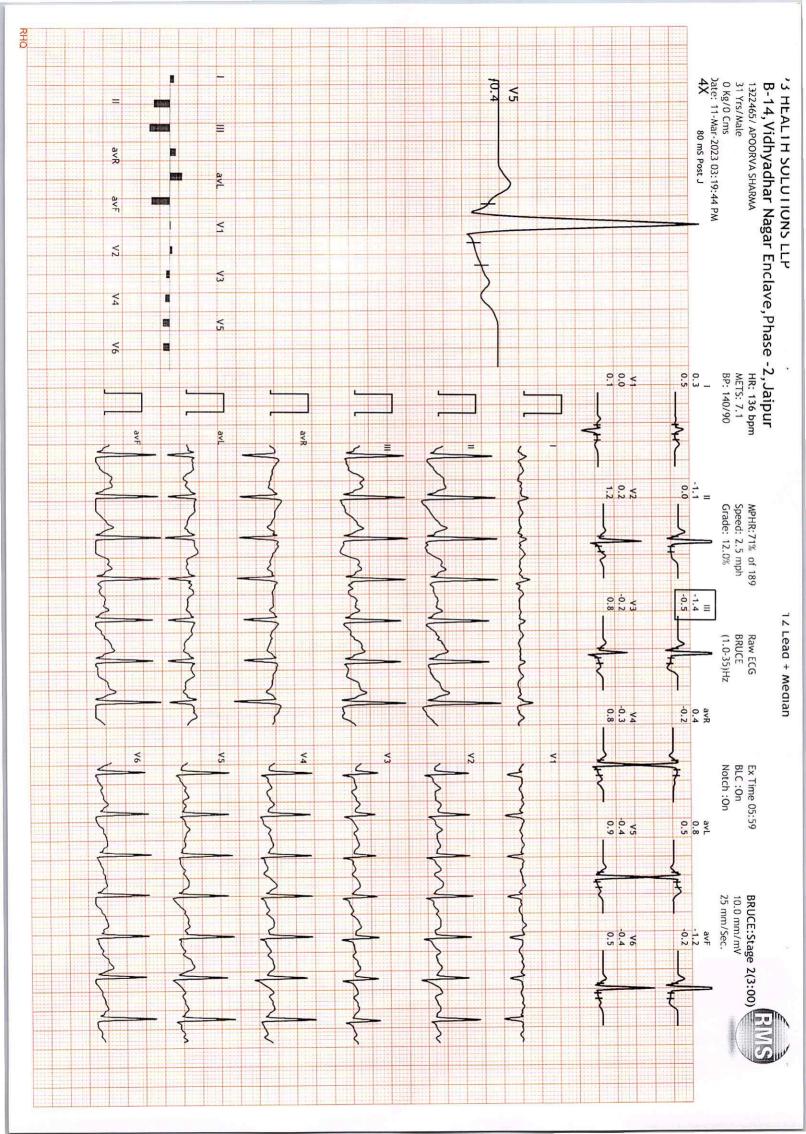


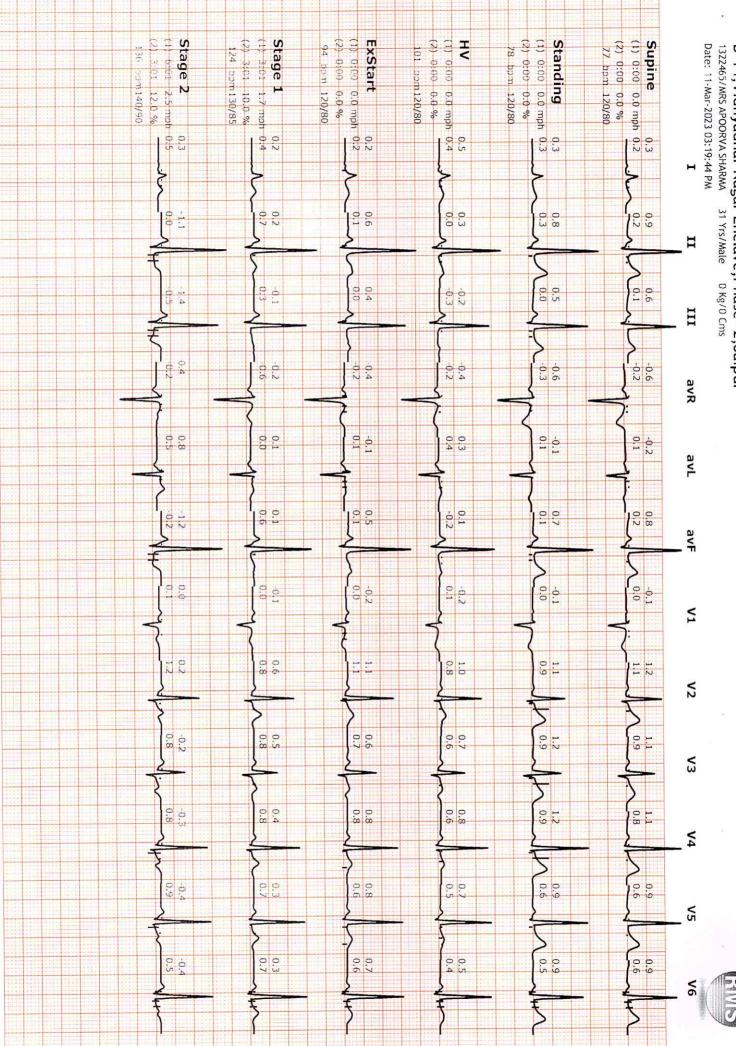


B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur

1322465/MRS APOORVA SHARMA 31 Yrs/Male 0 Kg/0 Cms Date: 11-Mar-2023 03:19:44 PM Ref.By : BANK OF BARODA Medication :

Protocol : BRUCE History :







P3 HEALIH SOLUTIONS LLP B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur Date: 11-Mar-2023 03:19:44 PM 1322465/MRS APOORVA SHARMA 31 Yrs/Male 0 Kg/0 Cms Average

