



भारत सरकार  
GOVERNMENT OF INDIA




रविन्द्र सिंह शेखावत  
Ravindra Singh Shekhawat

जन्म वर्ष / Year of Birth : 1986  
पुरुष / Male

1320



भारत — आम आदमी का अधिकार

  
Dr. U. C. GUPTA  
MBBS, MD (Physician)  
RMC No. 291





# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

B-14, Vidhyadhar Enclave - II, Near Axis Bank  
Central Spine, Vidhyadhar Nagar, Jaipur - 302023  
+91 141 4824885 maxcarediagnostics1@gmail.com



## General Physical Examination

Date of Examination: 14/09/23

Name: RAYINDRA SHERHAWAT Age: 36 YRS DOB: 08/07/1986 Sex: Male

Referred By: DANIKO F BARODA

Photo ID: AADHAR ID #: 13000

Ht: 169 (cm)

Wt: 95 (Kg)

Chest (Expiration): 108 (cm)

Abdomen Circumference: 106 (cm)

Blood Pressure: 139/80 mm Hg

PR: 99 / min

RR: 18 / min

Temp: Afebrile

BMI 33

Eye Examination: with glass  
RIE] CIC, NIC, NCB  
LIE] CIC, NIC, NCB

Other: NO

On examination he/she appears physically and mentally fit: Yes/No

Signature Of Examinee : [Signature]

Name of Examinee: RAYINDRA SHERHAWAT

Signature Medical Examiner : [Signature]  
**Dr. U. C. GUPTA**  
MBBS, MD (Physician)  
RMC No. 291

Name Medical Examiner U. C. GUPTA



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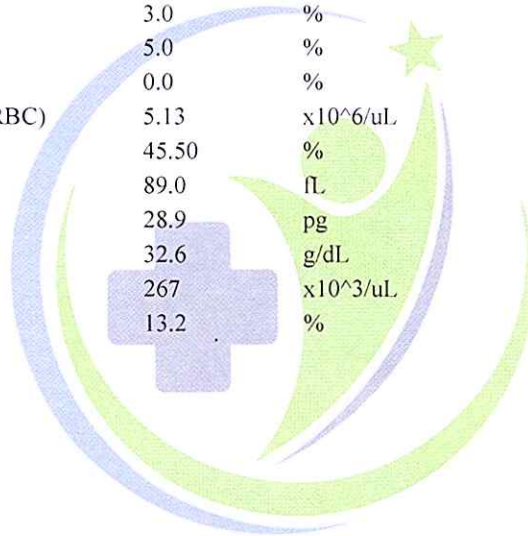


<b>NAME :- Mr. RAVINDRA SHEKHAWAT</b>	Patient ID :-12223357	Date :- 14/03/2023	10:45:47
Age :- 36 Yrs 8 Mon 6 Days	Ref. By Doctor:-BANK OF BARODA		
Sex :- Male	Lab/Hosp :-		
	Company :-	Mr.MEDIWHEEL	

Final Authentication : 14/03/2023 17:25:21

## HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40 MALE			
<b>HAEMOGARAM</b>			
<b>HAEMOGLOBIN (Hb)</b>	14.9	g/dL	13.0 - 17.0
<b>TOTAL LEUCOCYTE COUNT</b>	7.30	/cumm	4.00 - 10.00
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>			
NEUTROPHIL	65.0	%	40.0 - 80.0
LYMPHOCYTE	27.0	%	20.0 - 40.0
EOSINOPHIL	3.0	%	1.0 - 6.0
MONOCYTE	5.0	%	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
TOTAL RED BLOOD CELL COUNT (RBC)	5.13	$\times 10^6/\mu\text{L}$	4.50 - 5.50
HEMATOCRIT (HCT)	45.50	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	89.0	fL	83.0 - 101.0
MEAN CORP HB (MCH)	28.9	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	32.6	g/dL	31.5 - 34.5
<b>PLATELET COUNT</b>	267	$\times 10^3/\mu\text{L}$	150 - 410
RDW-CV	13.2	%	11.6 - 14.0



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## HAEMATOLOGY

### Erythrocyte Sedimentation Rate (ESR)

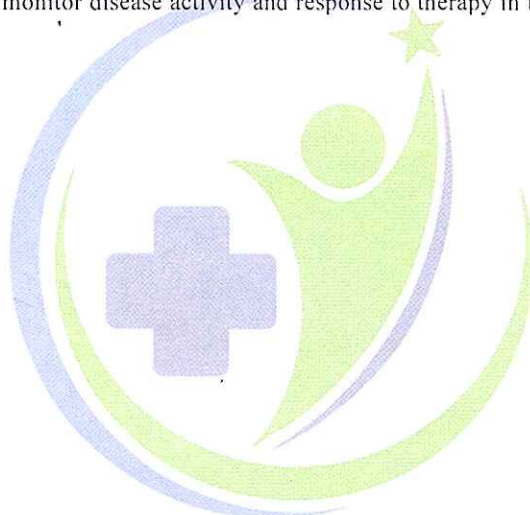
Method:- Westergreen

12

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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## BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
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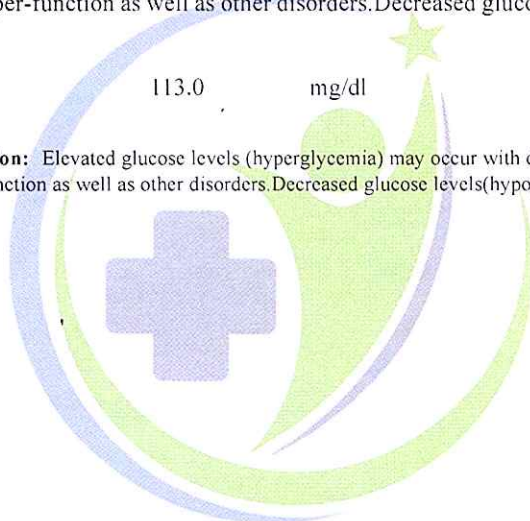
FASTING BLOOD SUGAR (Plasma) Method:- GOD POD	79.6	mg/dl	70.0 - 115.0
--	------	-------	--------------

Impaired glucose tolerance (IGT)	111 - 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) Method:- GOD PAP	113.0	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.



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**HAEMATOLOGY**

Test Name	Value	Unit	Biological Ref Interval
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**GLYCOSYLATED HEMOGLOBIN (HbA1C)**

Method:- CAPILLARY with EDTA

5.6 mg%

Non-Diabetic < 6.0  
Good Control 6.0-7.0  
Weak Control 7.0-8.0  
Poor control > 8.0

**MEAN PLASMA GLUCOSE**

Method:- Calculated Parameter

114 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]

**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.**

**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.

**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

**Note:**

- 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
- 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.

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## HAEMATOLOGY

BLOOD GROUP ABO  
Method:- Haemagglutination reaction

"B" POSITIVE



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## BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
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### LIPID PROFILE

**TOTAL CHOLESTEROL** 179.00 mg/dl  
 Desirable <200  
 Borderline 200-239  
 High > 240  
 Method:- CHOD-PAP methodology

**InstrumentName:**MISPA PLUS **Interpretation:** Cholesterol measurements are used in the diagnosis and treatments of lipid lipoprotein metabolism disorders.

**TRIGLYCERIDES** 260.00 H mg/dl  
 Normal <150  
 Borderline high 150-199  
 High 200-499  
 Very high >500  
 Method:- GPO-TOPS methodology

**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** 62.00 mg/dl  
 Male 35-80  
 Female 42-88  
 Method:- Selective inhibition Method

**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** 73.67 mg/dl  
 Optimal <100  
 Near Optimal/above optimal 100-129  
 Borderline High 130-159  
 High 160-189  
 Very High > 190  
 Method:- Calculated Method

**VLDL CHOLESTEROL** 52.00 mg/dl  
 0.00 - 80.00  
 Method:- Calculated

**T.CHOLESTEROL/HDL CHOLESTEROL RATIO** 2.89  
 0.00 - 4.90  
 Method:- Calculated

**LDL / HDL CHOLESTEROL RATIO** 1.19  
 0.00 - 3.50  
 Method:- Calculated

**TOTAL LIPID** 683.77 mg/dl  
 400.00 - 1000.00  
 Method:- CALCULATED

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

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

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## BIOCHEMISTRY

atherogenic lipoproteins ( mainly LDL & VLDL). The Non HDL Cholesterol is used as a secondary target of therapy in persons with triglycerides  $\geq 200$  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) Method:- DMSO/Diazo	0.80	mg/dL	Infants : 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Method:- DMSO/Diazo	0.16	mg/dL	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.64	mg/dl	0.30-0.70
SGOT Method:- IFCC	37.0	U/L	Men- Up to - 37.0 Female - Up to - 31.0
SGPT Method:- IFCC	<b>56.0</b> H	U/L	Men- Up to - 40.0 Female- Up to - 31.0
SERUM ALKALINE PHOSPHATASE Method:- DGKC - SCE	56.00	U/L	53.00 - 141.00
SERUM GAMMA GT Method:- Szasz methodology Instrument Name Randox Rx Imola Interpretation: Elevations in GGT levels are seen earlier and more pronounced than those with other liver enzymes in cases of obstructive jaundice and 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 normal) are observed with infectious hepatitis	29.40	U/L	10.00 - 45.00
SERUM TOTAL PROTEIN Method:- Direct Biuret Reagent	7.84	g/dl	5.10 - 8.00
SERUM ALBUMIN Method:- Bromocresol Green	5.11	g/dl	3.50 - 5.50
SERUM GLOBULIN Method:- CALCULATION	2.73	gm/dl	2.20 - 3.50
A/G RATIO	1.87		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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**BIOCHEMISTRY**

**RFT / KFT WITH ELECTROLYTES**

SERUM UREA 17.70 mg/dl 10.00 - 50.00  
Method:- Urease/GLDH

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

SERUM CREATININE 1.11 mg/dl Males : 0.6-1.50 mg/dl  
Females : 0.6 -1.40 mg/dl  
Method:- Jaffe's Method

**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 6.78 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 137.3 mmol/L 135.0 - 150.0  
Method:- ISE

**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 4.58 mmol/L 3.50 - 5.50  
Method:- ISE

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

CHLORIDE 105.9 mmol/L 94.0 - 110.0  
Method:- ISE

**Interpretation:** Used for Electrolyte monitoring.

SERUM CALCIUM 9.81 mg/dl 8.10 - 11.50  
Method:- Colorimetric method

**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 7.84 g/dl 5.10 - 8.00  
Method:- Direct Biuret Reagent

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**BIOCHEMISTRY**

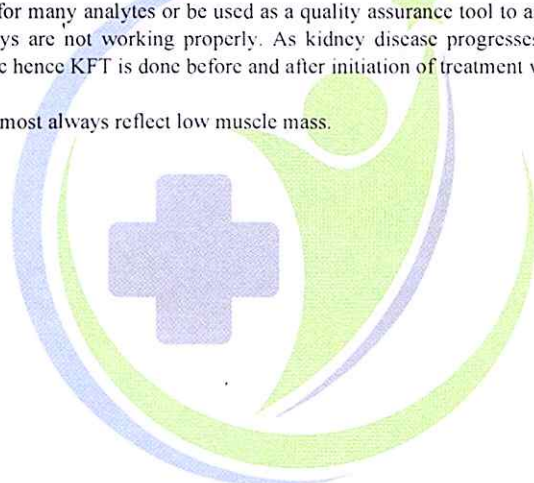
SERUM ALBUMIN Method:- Bromocresol Green	5.11	g/dl	3.50 - 5.50
SERUM GLOBULIN Method:- CALCULATION	2.73	gm/dl	2.20 - 3.50
A/G RATIO	1.87		1.30 - 2.50

**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 blood increases. 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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**TOTAL THYROID PROFILE**

**IMMUNOASSAY**

Test Name	Value	Unit	Biological Ref Interval
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<b>THYROID-TRIIODOTHYRONINE T3</b> Method:- ECLIA	1.29	ng/mL	0.70 - 2.04
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NOTE-TSH levels are subject to circadian 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 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 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 Tertiary hypothyroidism 7.Primary hypothyroidism is accompanied by ↓ serum T3 and T4 values & ↑serum TSH levels8.Normal T4 levels accompanied by ↑ T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis9.Normal or ↑ 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 Hypoth

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 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 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

<b>THYROID-THYRONINE (T4)</b> Method:- ECLIA	9.82	µIU/mL	5.10 - 14.10
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NOTE-TSH levels are subject to circadian 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 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 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 Tertiary hypothyroidism 7.Primary hypothyroidism is accompanied by ↓ serum T3 and T4 values & ↑serum TSH levels8.Normal T4 levels accompanied by ↑ T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis9.Normal or ↑ 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 Hypoth

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 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 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.

<b>TSH</b> Method:- ECLIA	2.626	µIU/mL	0.350 - 5.500
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NOTE-TSH levels are subject to circadian 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 T3 & T4 values along with ↓ TSH level.

*Tanu*

**Technologist**

Page No: 15 of 16

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





B-14, Vidhyadhar Enclave - II, Near Axis Bank  
Central Spine, Vidhyadhar Nagar, Jaipur - 302023  
+91 141 4824885 maxcarediagnostics1@gmail.com

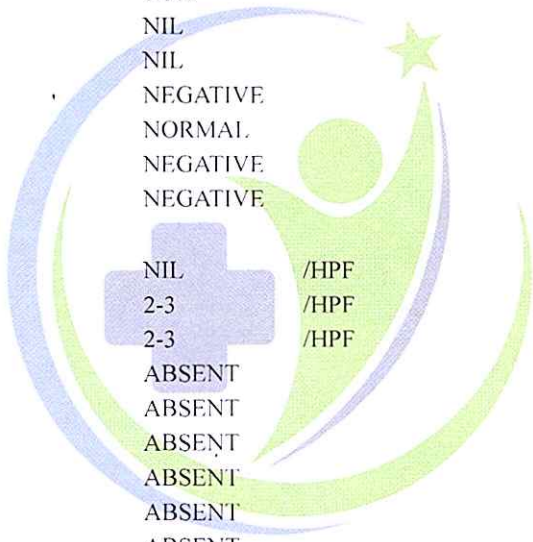


<b>NAME :- Mr. RAVINDRA SHEKHAWAT</b>	Patient ID :-12223357	Date :- 14/03/2023	10:45:47
Age :- 36 Yrs 8 Mon 6 Days	Ref. By Doctor:-BANK OF BARODA		
Sex :- Male	Lab/Hosp :-		
	Company :- Mr.MEDIWHEEL		

Final Authentication : 14/03/2023 17:25:21

**CLINICAL PATHOLOGY**

Test Name	Value	Unit	Biological Ref Interval
<b>Urine Routine</b>			
<b><u>PHYSICAL EXAMINATION</u></b>			
COLOUR	PALE YELLOW		PALE YELLOW
APPEARANCE	Clear		Clear
<b><u>CHEMICAL EXAMINATION</u></b>			
REACTION(PH)	6.0		5.0 - 7.5
SPECIFIC GRAVITY	1.015		1.010 - 1.030
PROTEIN	NIL		NIL
SUGAR	NIL		NIL
BILIRUBIN	NEGATIVE		NEGATIVE
UROBILINOGEN	NORMAL		NORMAL
KETONES	NEGATIVE		NEGATIVE
NITRITE	NEGATIVE		NEGATIVE
<b><u>MICROSCOPY EXAMINATION</u></b>			
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		ABSENT



MGR

**Technologist**  
Page No: 12 of 16

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





# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

- 📍 B-14, Vidhyadhar Enclave - II, Near Axis Bank  
Central Spine, Vidhyadhar Nagar, Jaipur - 302023  
📞 +91 141 4824885 ✉️ maxcarediagnostics1@gmail.com



NAME:	MR. RAVINDRA SHEKHAWAT	AGE/SEX	36 YRS/M
REF.BY	BANK OF BARODA	DATE	14/03/2023

## 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.

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









# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

- ⦿ B-14, Vidhyadhar Enclave - II, Near Axis Bank  
Central Spine, Vidhyadhar Nagar, Jaipur - 302023
- ⦿ +91 141 4824885 ⦿ maxcarediagnostics1@gmail.com



MR. RAVINDRA SHEKHAWAT	36 Y/Male
Registration Date: 14/03/2023	Ref. by: BANK OF BAORDA

## ULTRASOUND OF WHOLE ABDOMEN

**Liver** is of normal size (14.5 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 of normal size and shape (11.5 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. 11.9 x 4.6 cm.

**Left kidney** is measuring approx. 12.4 x 5.4 cm.

**Urinary bladder** is partially distended and 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)

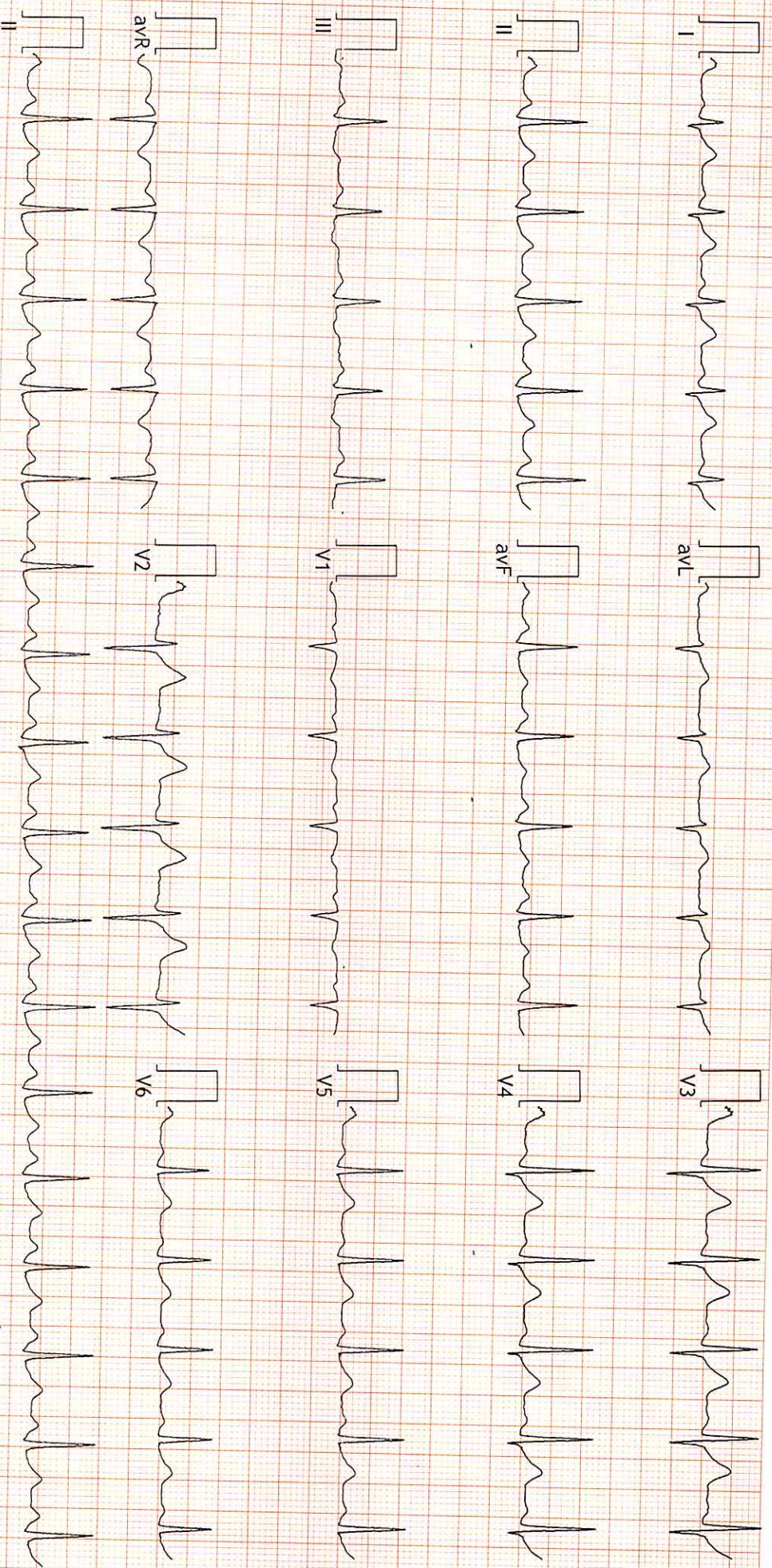
RMC no.: 21954



3 HEALTH SOLUTIONS LLP  
3-14, Vidyanagar Nagar, Enclave, Phase-2, Jaipur  
12229451323227/Mr Ravindra Shekhawat 36Yrs/Male Kgs/ Cms BP: \_\_\_/\_\_\_ mmHg  
ref.: BANK OF BARODA Test Date: 14-Mar-2023(2:16:58 P) Notch: 50Hz 0.05Hz - 100Hz 10mm/mV 25mm/Sec

HR: 102 bpm

PR Interval: 150 ms  
QRS Duration: 80 ms  
QT/QTc: 320/418ms  
P-QRS-T Axis: 59 - 75 - 22 (Deg)



FINDINGS:- Abnormal ECG with Indication of Sinus Tachycardia  
Vent Rate : 102 bpm/PR Interval : 150 ms; QRS Duration: 80 ms; QT/QTc Int : 320/418 ms  
P-QRS-T axis: 59• 75• 22• (Deg)  
Comments :

*[Handwritten signature]*

TUNL

Dr. Naresh Kumar Mohanka  
RMC No.: 35703  
MBBS, DIP. CARDIO (ESCORTS)  
D.E.M. (RCGP-UK)



'S HEALTH SOLUTIONS LLP  
 B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur  
 1322476/MR RAVINDRA NSHEKHAWAT 36 Yrs/Male 0 Kg/0 Cms  
 Date: 14-Mar-2023 02:19:56 PM  
 Ref. By : BANK OF BARODA  
 Medication :

Protocol : BRUCE  
 History :

Objective :

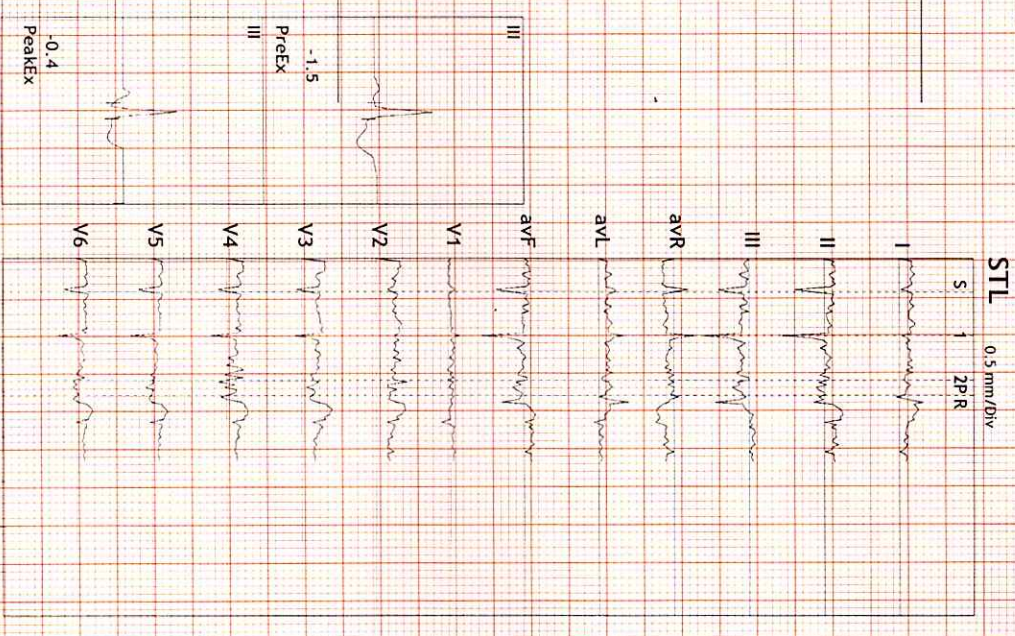
Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mpm)	Grade (%)	METS	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	95	130/85	123	-	
Standing					1.0	109	130/85	141	-	
HV					1.0	110	130/85	143	-	
EXStart					1.0	103	130/85	133	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	136	140/85	190	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	163	150/90	244	-	
PeakEx	1:04	7:05	3.4	14.0	8.2	179	150/90	268	-	
Recovery	1:00		0.0	0.0	1.2	145	150/90	217	-	
Recovery	2:00		0.0	0.0	1.0	129	160/90	206	-	
Recovery	3:00		0.0	0.0	1.0	123	150/85	184	-	
Recovery	4:00		0.0	0.0	1.0	123	140/85	172	-	

Findings :

Exercise Time : 07:04  
 Max HR Attained : 179 bpm 97% of Max Predictable HR 184  
 Max BP : 160/90(mmHg)  
 Max Workload attained : 8.2(Fair Effort Tolerance)

TNT Negative for RMI.

Advice/Comments:



Dr. Naresh Kumar Mohanka  
 RMC No.: 35703  
 MBBS, DIP. CARDIO (ESCORTS)  
 D.E.M. (RCGP-UK)





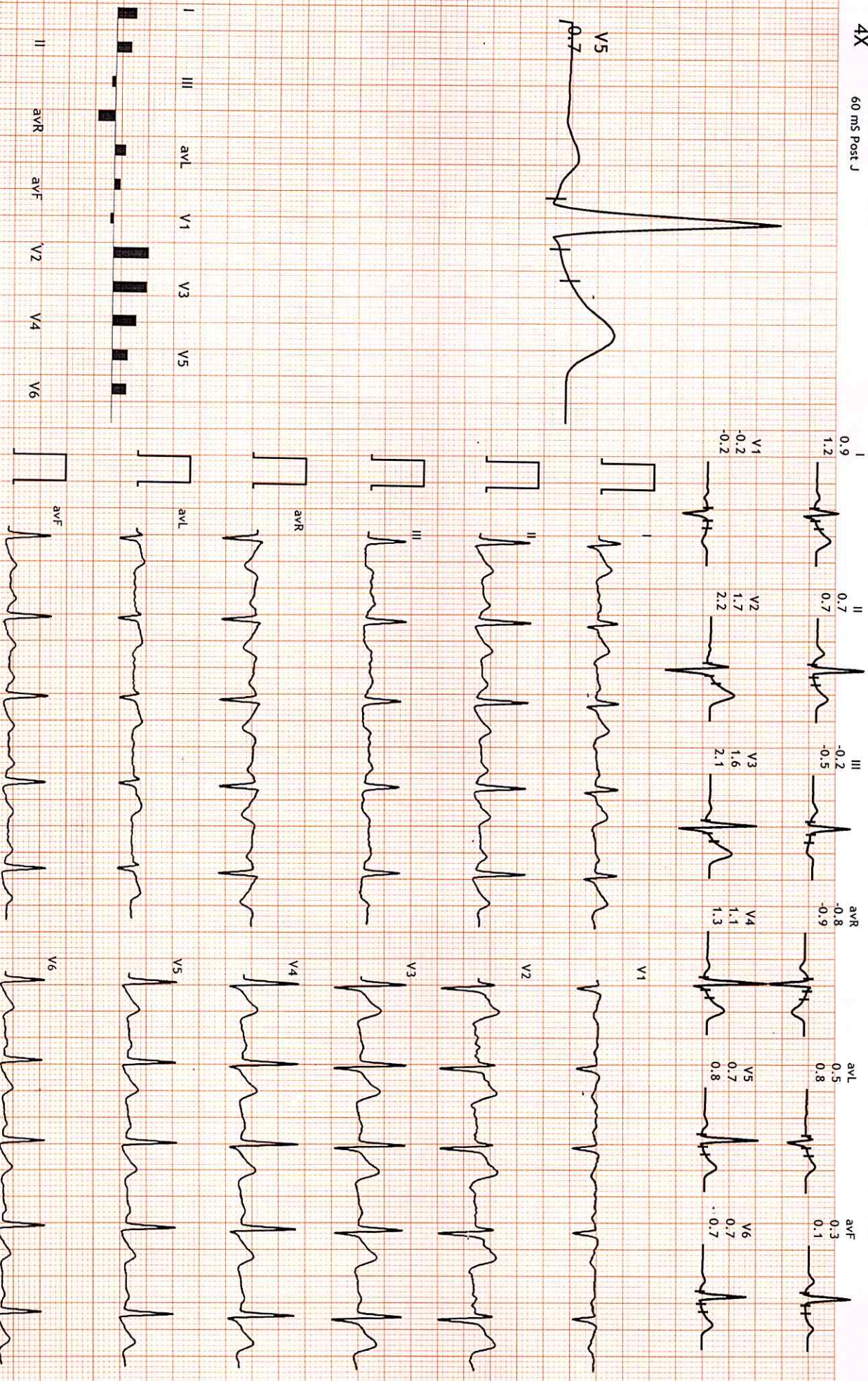
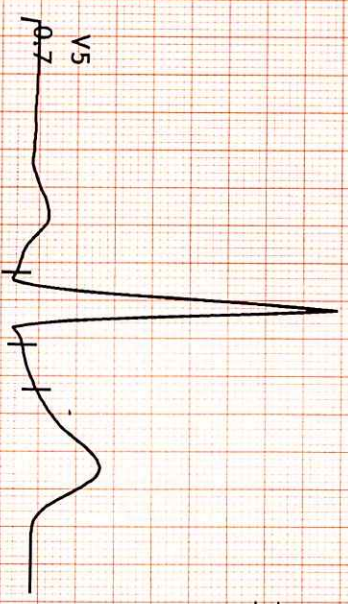
HR: 95 bpm  
METs: 1.0  
BP: 130/85

MPHR: 51% of 184  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 00:30  
BLC : On  
Notch : On

Supine  
10.0 mm/mV  
25 mm/Sec.





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

1322476/ RAVINDRA SHEKHAWAT  
36 Yrs/Male  
0 Kg/0 Cms  
Date: 14-Mar-2023 02:19:56 PM  
4X 60 ms Post J

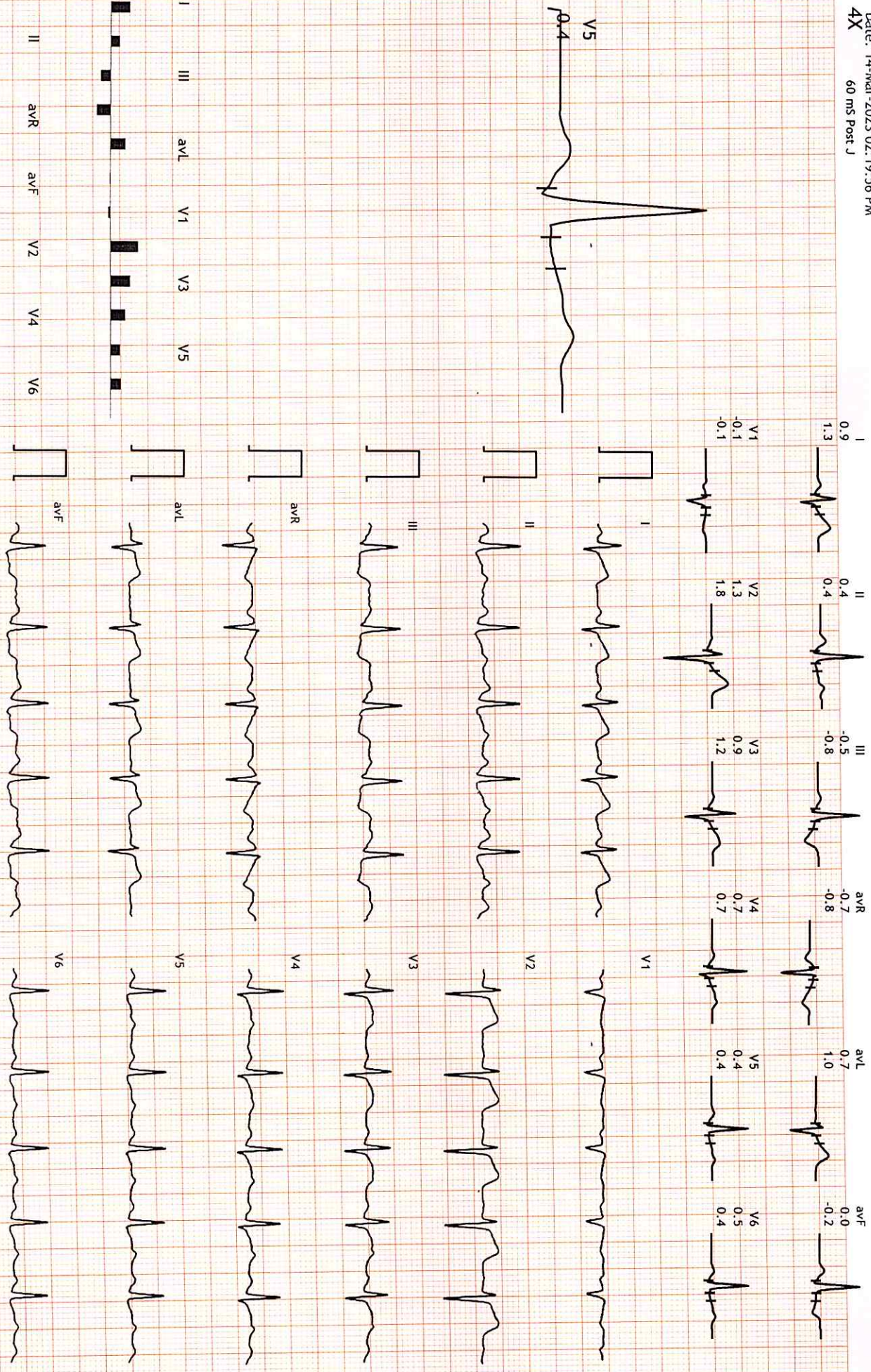
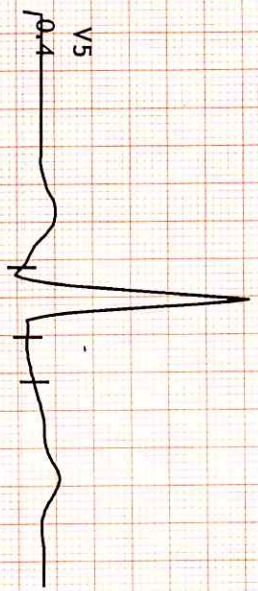
HR: 103 bpm  
METS: 1.0  
BP: 130/85

MPHR: 55% of 184  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)HZ

Ex Time 01:11  
BLC : On  
Notch : On

Standing  
10.0 mm/mV  
25 mm/Sec.





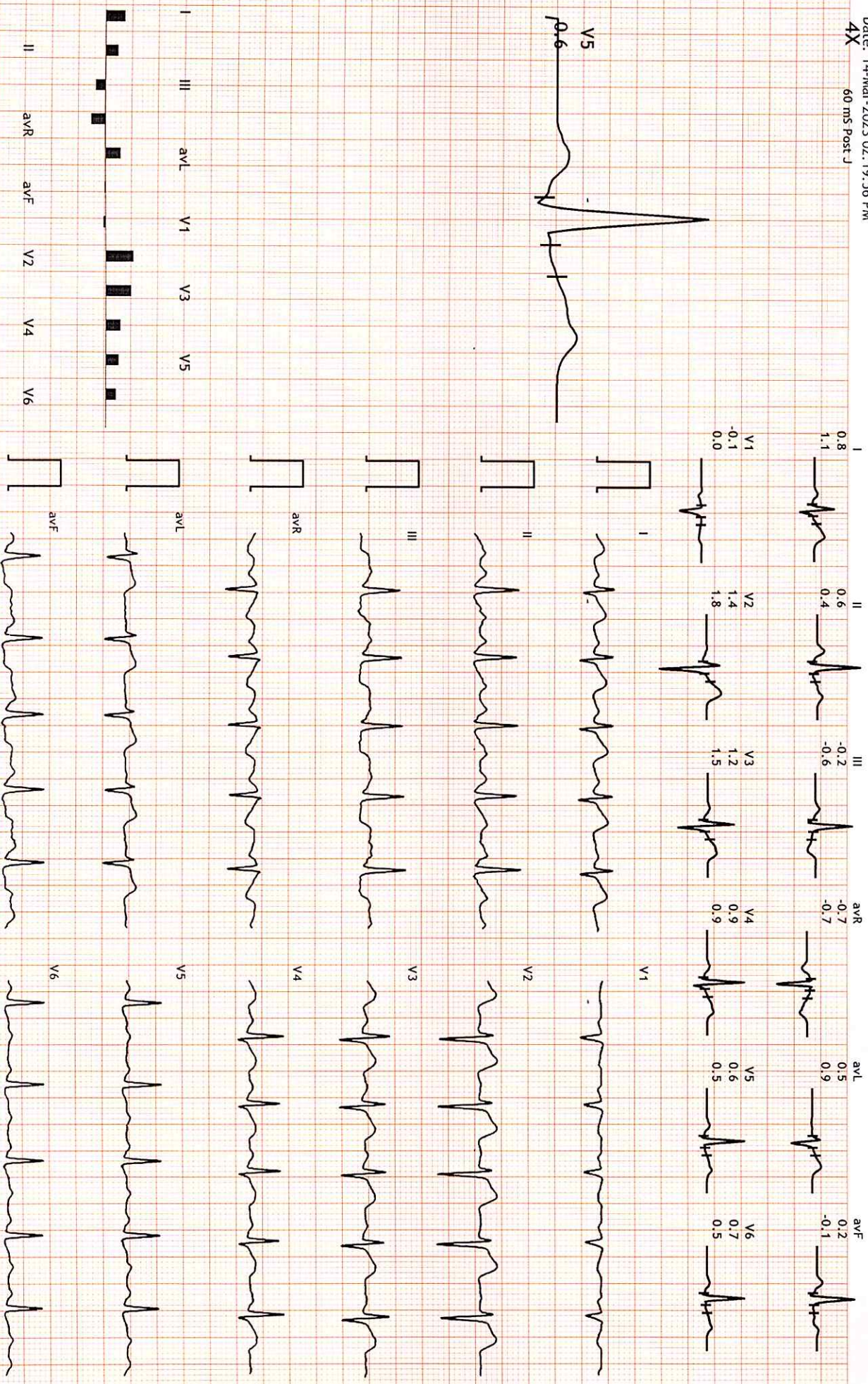
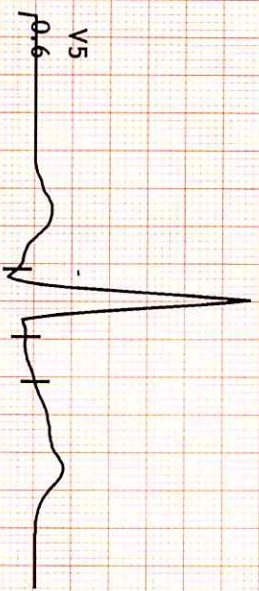
HR: 113 bpm  
MEETS: 1.0  
BP: 130/85

MPHR: 61% of 184  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 01:35  
BLC : On  
Notch : On

HV  
10.0 mm/mV  
25 mm/Sec.



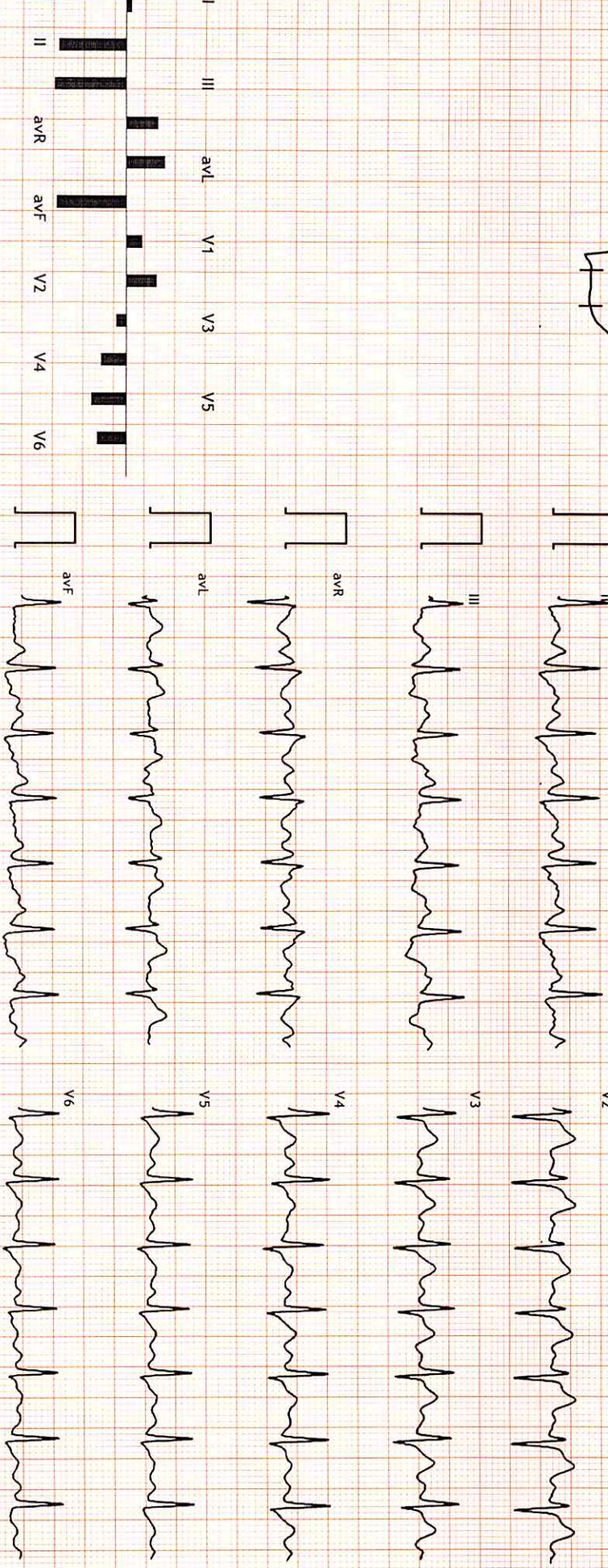
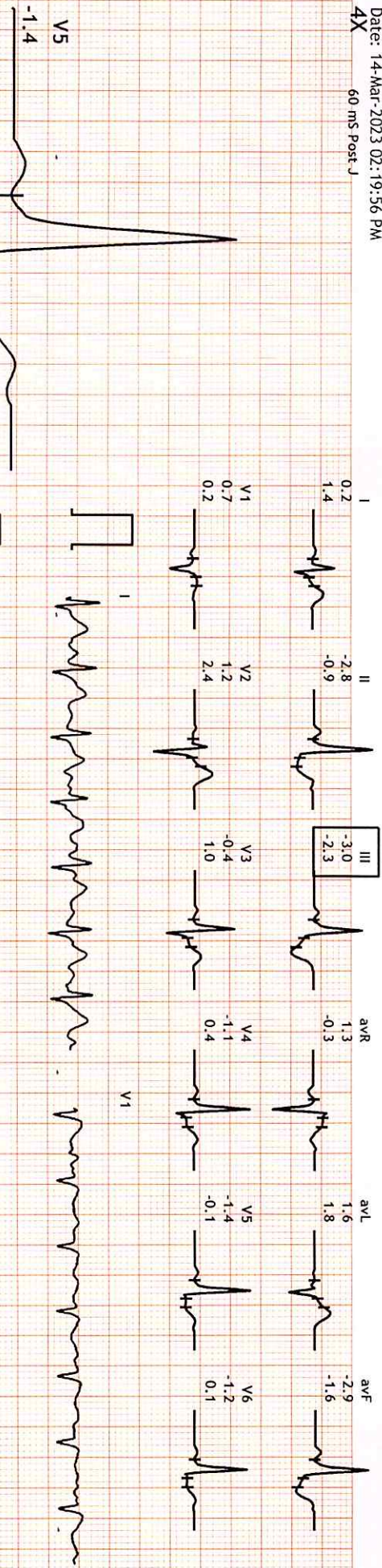


HR: 137 bpm  
 METS: 4.7  
 BP: 140/85

WPHR: 74% of 184  
 Speed: 1.7 mph  
 Grade: 10.0%

Raw ECG  
 BRUCE  
 (1.0-35)Hz

Ex Time 02:59  
 BLC : On  
 Notch : On





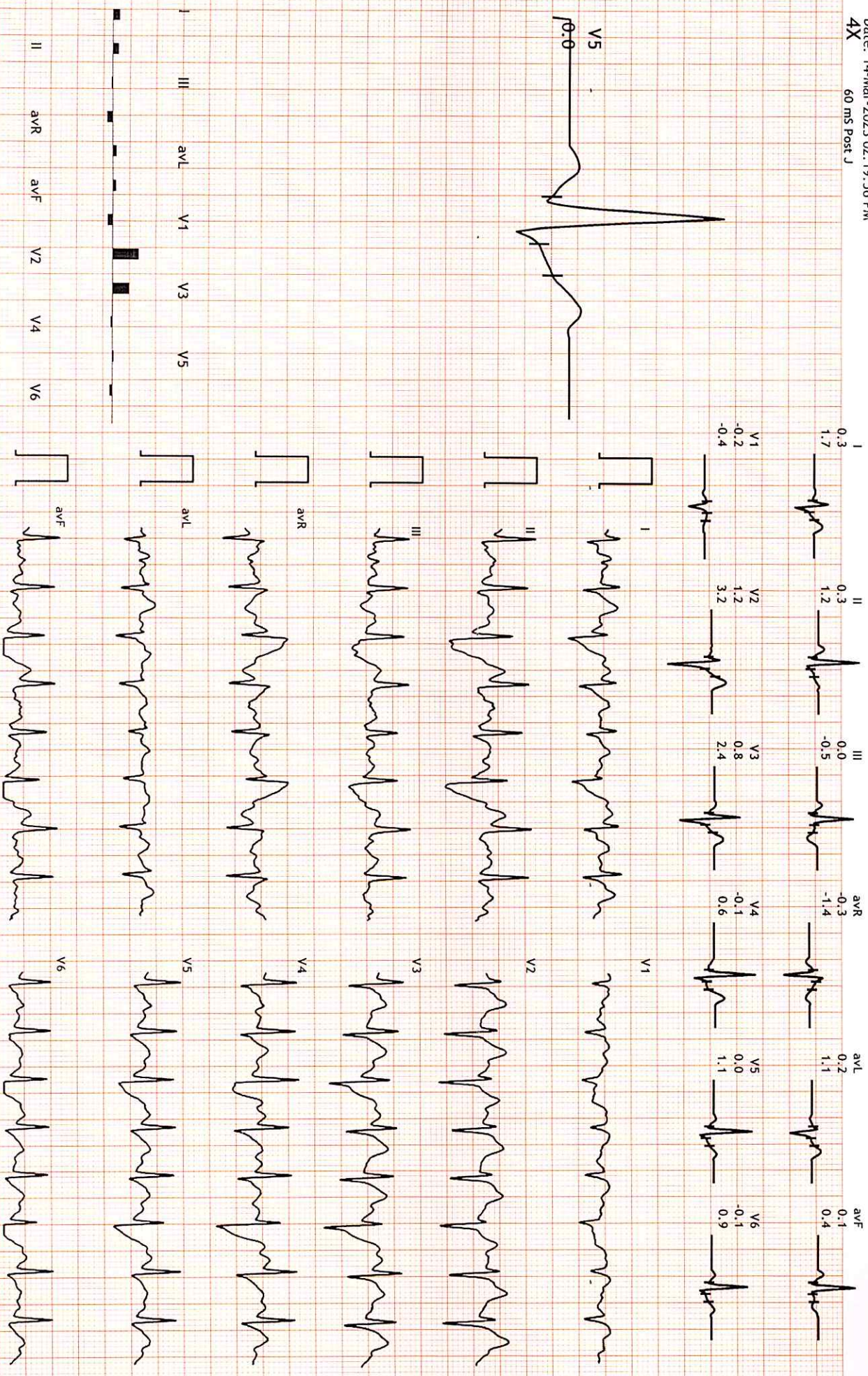
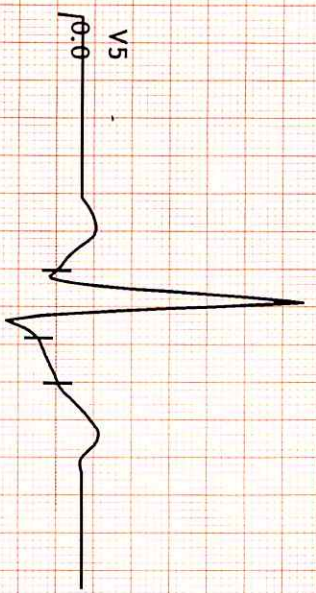
HR: 163 bpm  
 METS: 7.1  
 BP: 150/90

MPHR: 88% of 184  
 Speed: 2.5 mph  
 Grade: 12.0%

Raw ECG  
 BRUCE  
 (1.0-35)Hz

Ex Time 05:59  
 BLC : On  
 Notch : On

BRUCE: Stage 2(3:00)  
 10.0 mm/mV  
 25 mm/Sec.





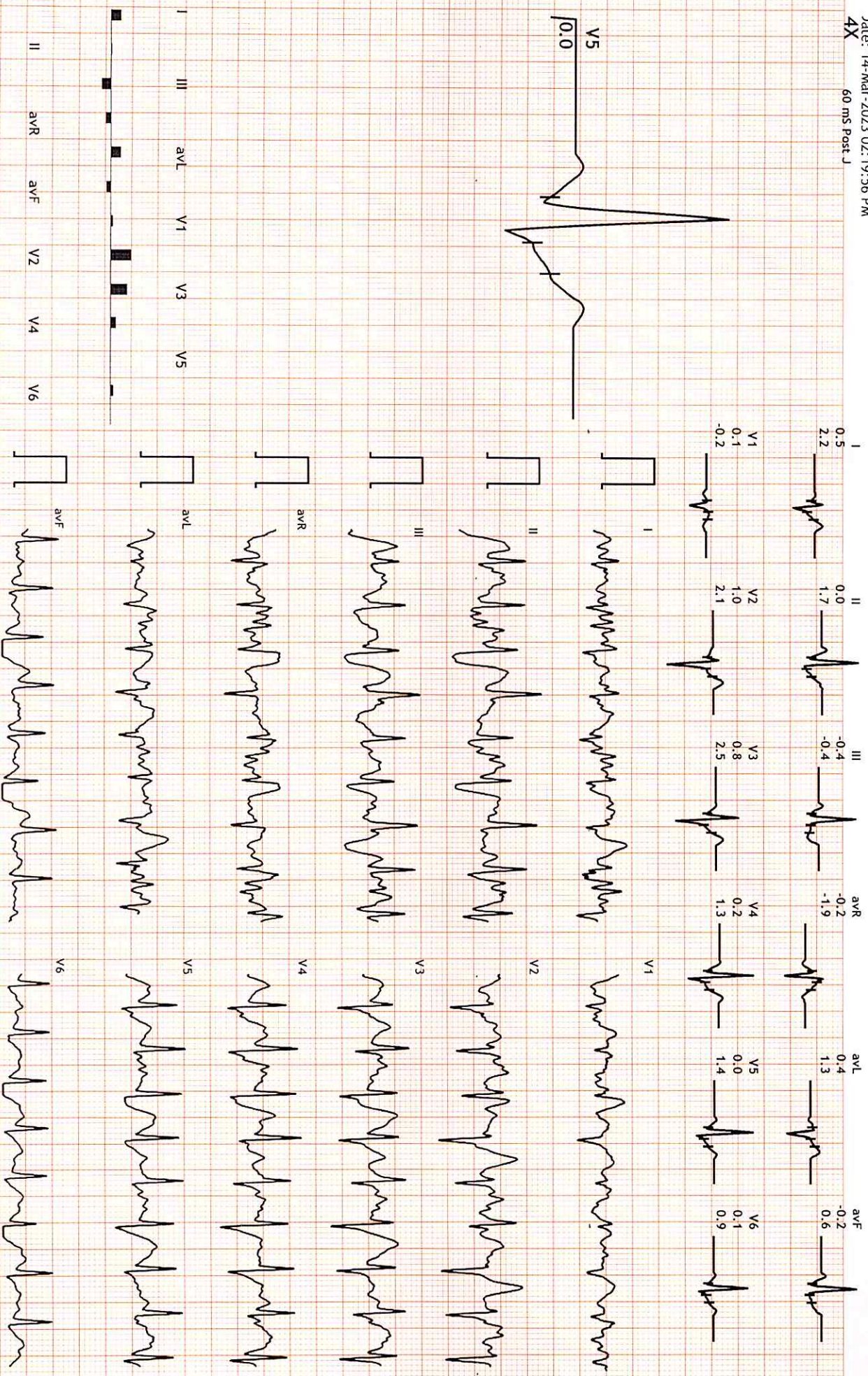
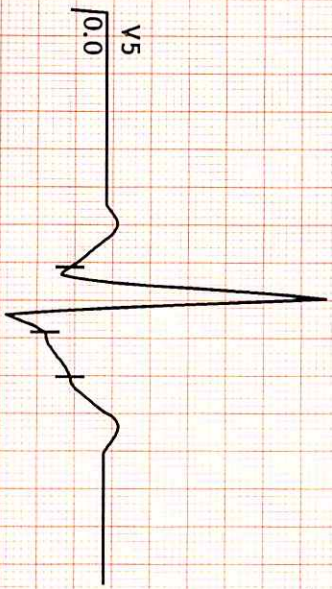
HR: 178 bpm  
METs: 8.2  
BP: 150/90

MPHR: 96% of 184  
Speed: 3.4 mph  
Grade: 14.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 07:02  
BLC : On  
Notch : On

BRUCE: PeakEx(1:02)  
10.0 mm/mV  
25 mm/Sec.





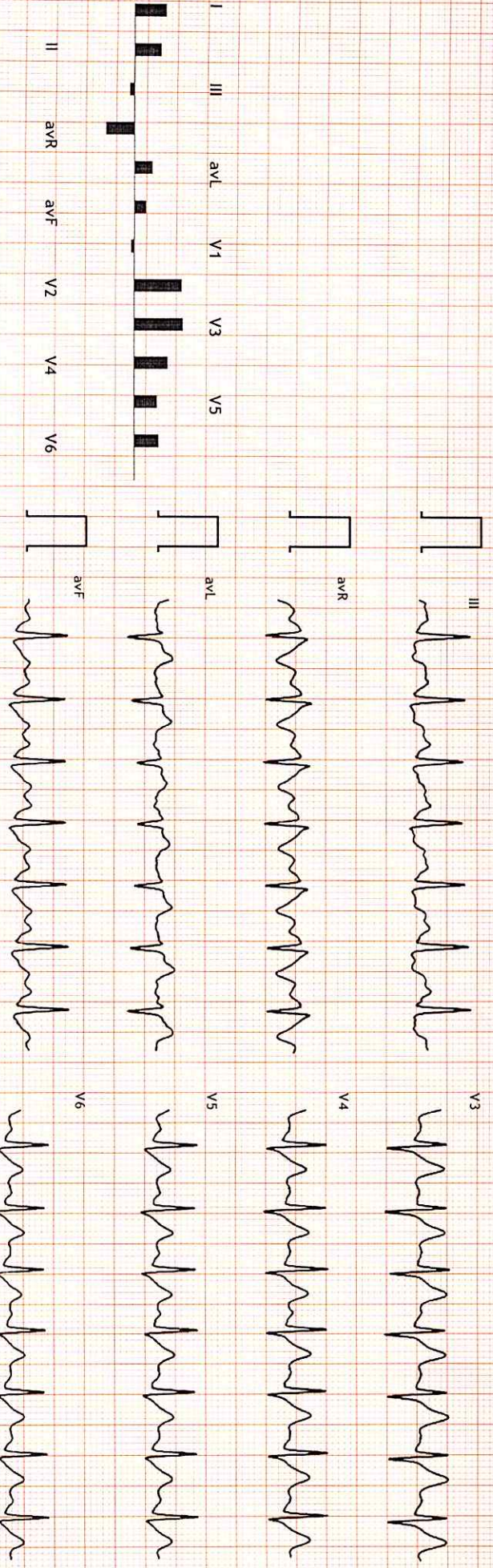
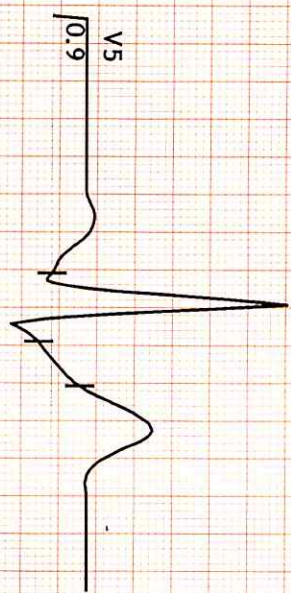
HR: 145 bpm  
METs: 1.3  
BP: 150/90

MPHR: 78% of 184  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 07:04  
BLC : On  
Notch : On

Recovery(1:00)  
10.0 mm/mv  
25 mm/Sec.





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B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur  
1322476/ RAVINDRA SHEKHAWAT  
36 Yrs/Male  
0 Kg/0 Cms  
Date: 14-Mar-2023 02:19:56 PM  
4X 60 ms Post J

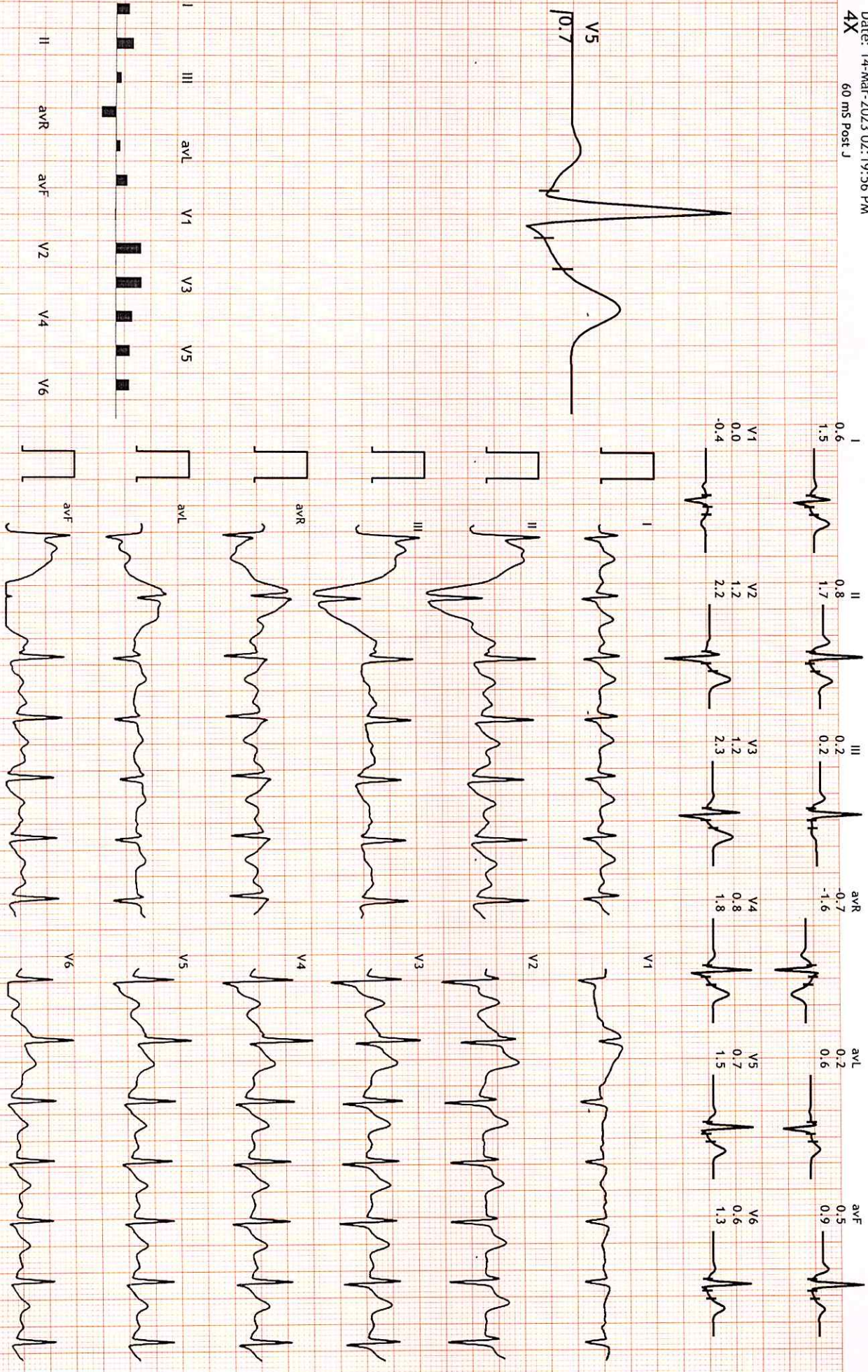
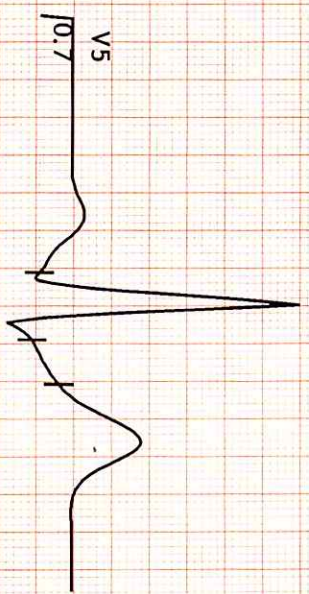
HR: 129 bpm  
METs: 1.0  
BP: 160/90

MPHR: 70% of 184  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 07:04  
BLC : On  
Notch : On

Recovery(2:00)  
10.0 mm/mV  
25 mm/Sec.





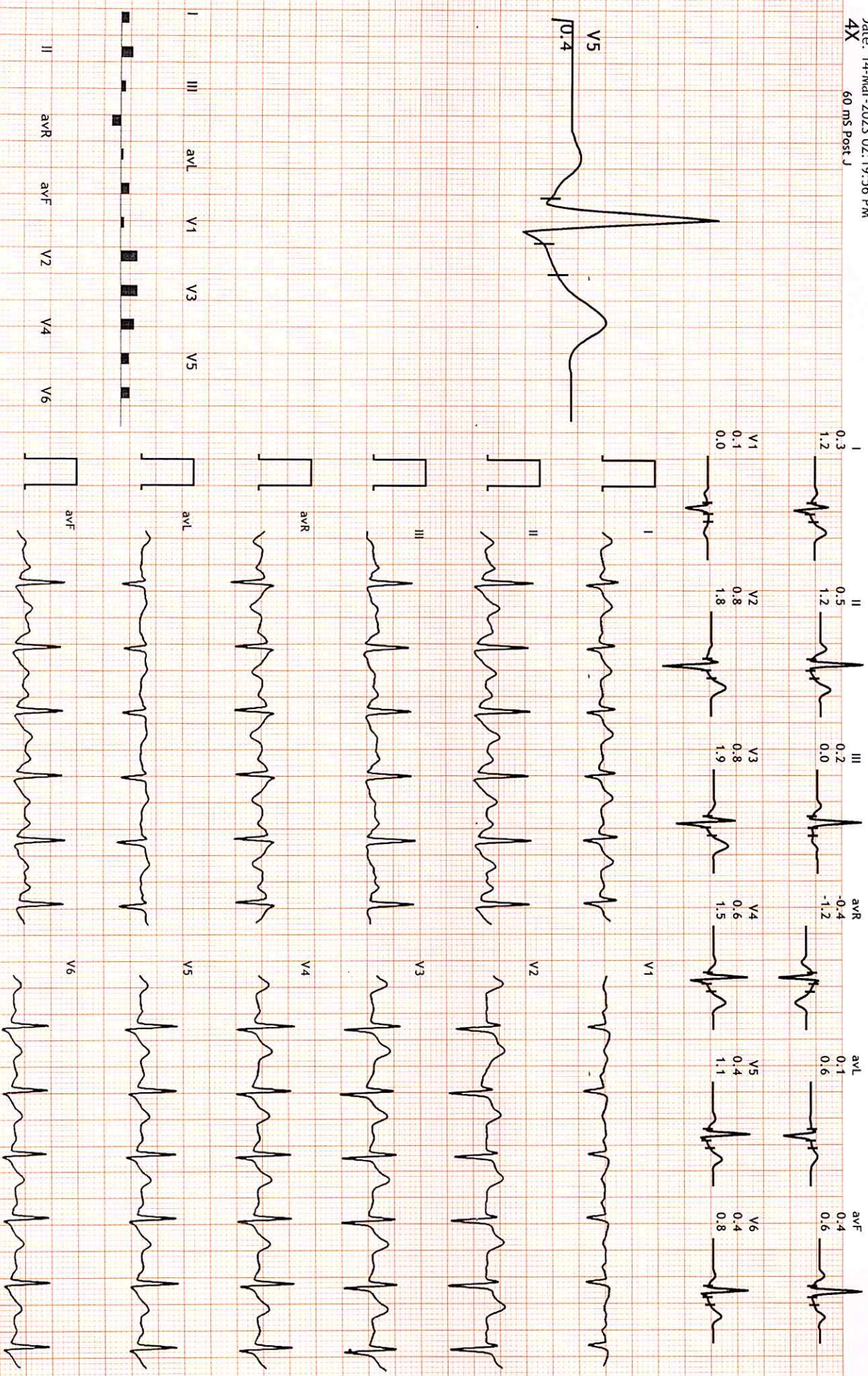
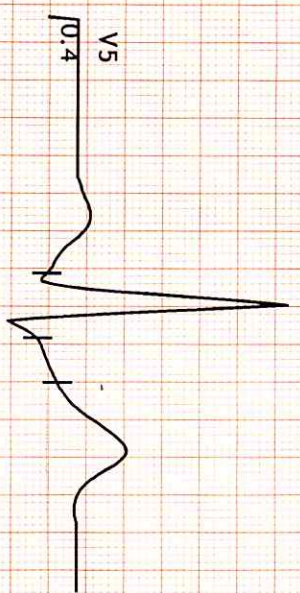
HR: 122 bpm  
 METS: 1.0  
 BP: 150/85

MPHR: 66% of 184  
 Speed: 0.0 mph  
 Grade: 0.0%

Raw ECG  
 BRUCE  
 (1.0-35)HZ

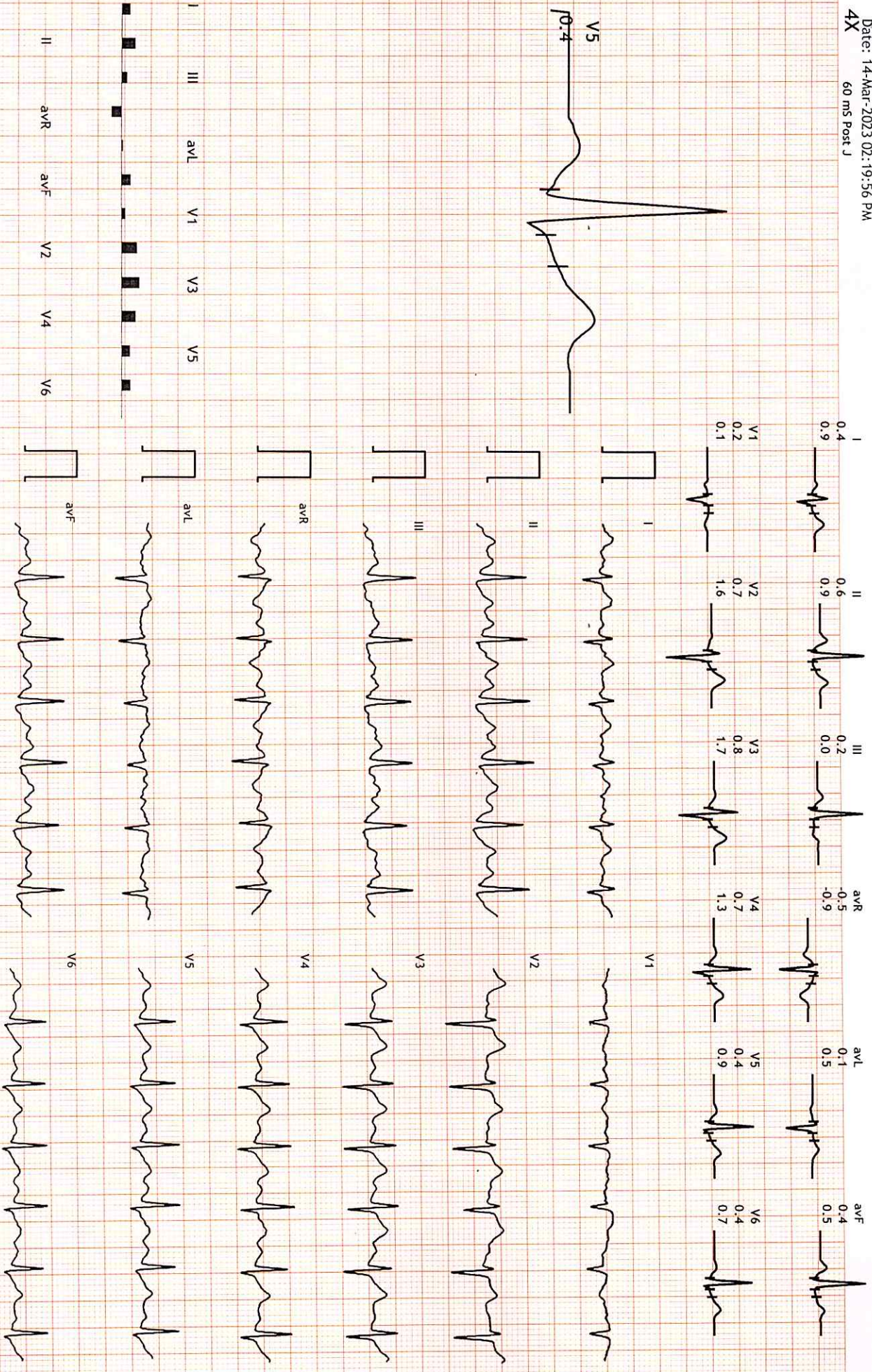
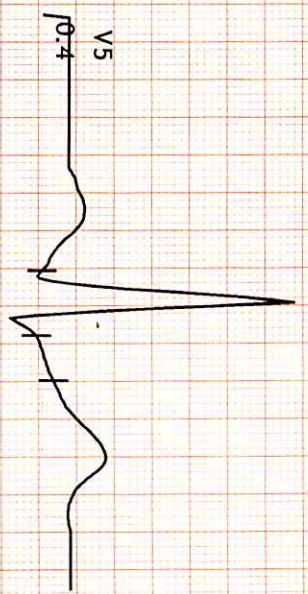
Ex Time 07:04  
 BLC :On  
 Notch :On

Recovery(3:00)  
 10.0 mm/mv  
 25 mm/Sec.



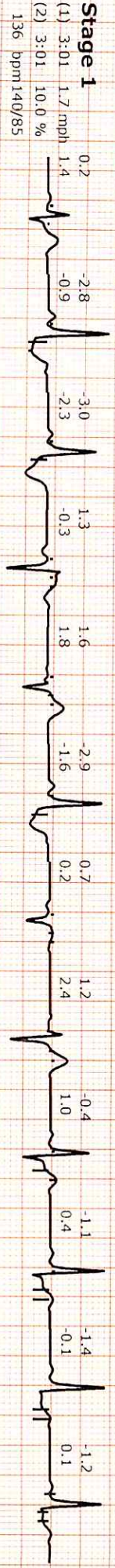
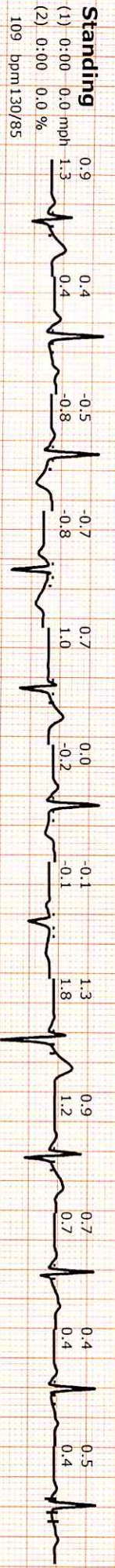
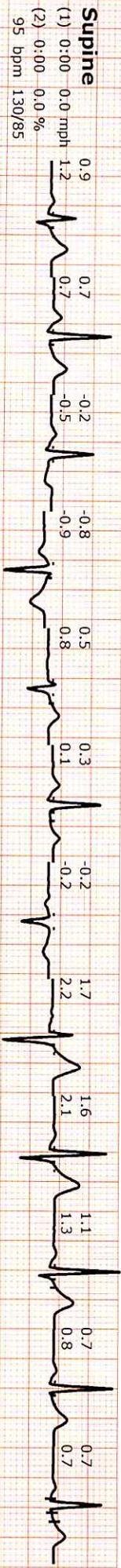


HR: 122 bpm  
 METS: 1.0  
 BP: 140/85  
 AMPHR: 66% of 184  
 Speed: 0.0 mph  
 Grade: 0.0%  
 Raw ECG BRUCE (1.0-35)Hz  
 Ex Time 07:04  
 BLC : On  
 Notch : On  
 Recovery(4:00)  
 10.0 mm/mV  
 25 mm/Sec.



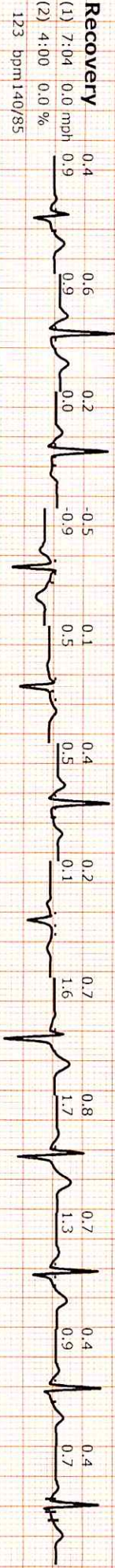
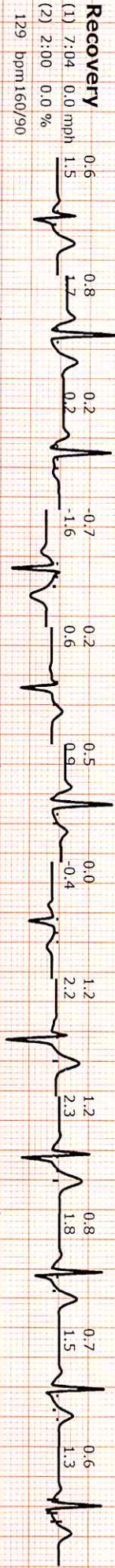
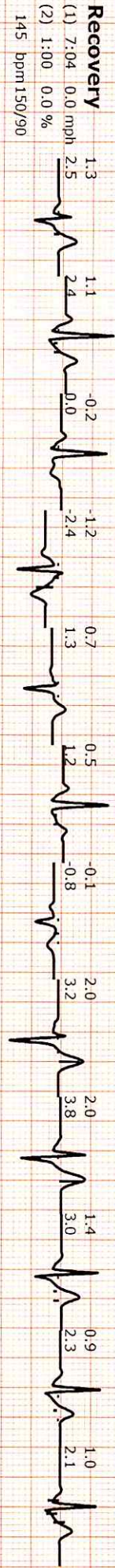
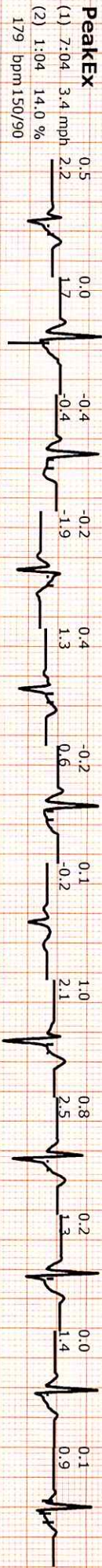


I II III aVR aVL aVF V1 V2 V3 V4 V5 V6

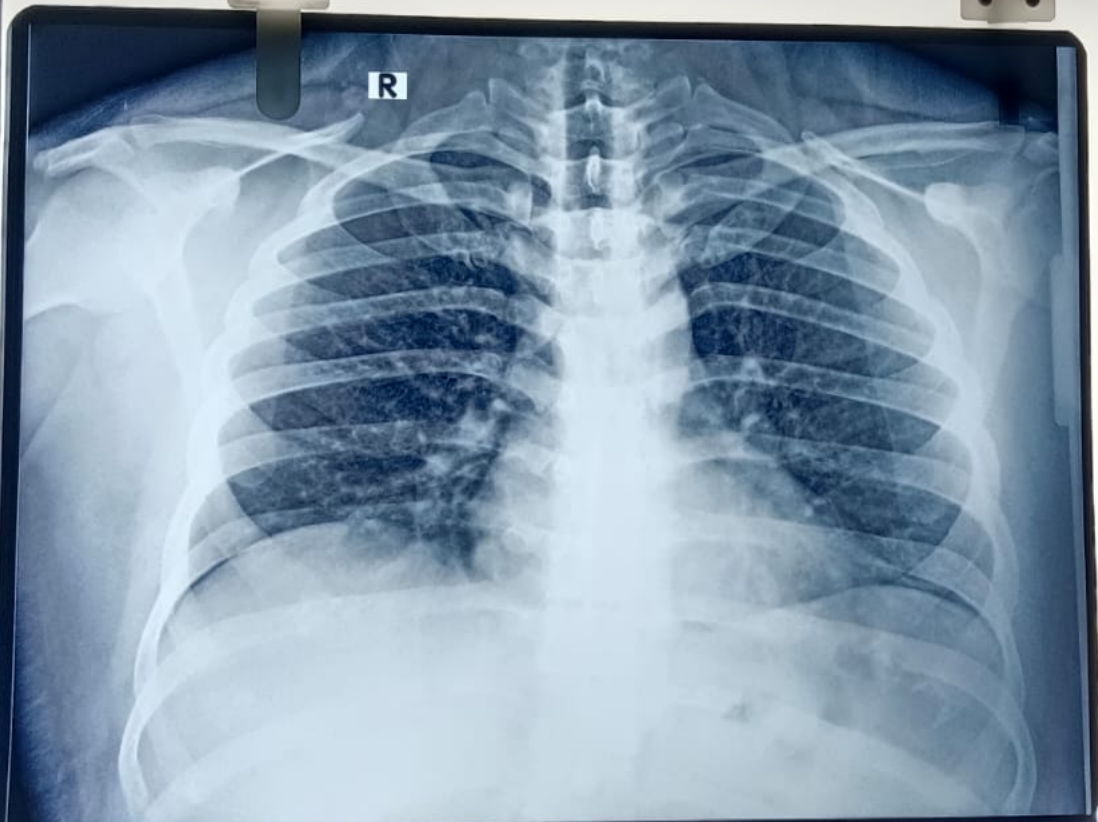




I II III aVR aVL aVF V1 V2 V3 V4 V5 V6







12223357 MR.RAVINRA SHEKHAWAT 36YRS BANK OF BARODA M  
14.MAR.2023  
MAXCARE DIAGNOSTIC (ASSOCIATES OF P3 HEALTH SOLUTIONS LLP)

