



📍 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: 04/08/2022

Name: SURUCHI CHUGH Age: 35 yrs DOB: 21.10.1986 Sex: female

Referred By: Bank of Baroda

Photo ID: A DHAR CARD ID #: 2739

Ht: 166.5 (cm)

Wt: 72 (Kg)

Chest (Expiration): 94 (cm)

Abdomen Circumference: 83 (cm)

Blood Pressure: 111/71 mm Hg PR: 79 / min RR: 17 / min Temp: afebrile

BMI 30

Eye Examination: R/E - 6/9, N/6, NCB  
L/E 6/6, N/6, NCB

Other: N/A

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

Signature Of Examinee: *Suruchi* Name of Examinee: MRS. SURUCHI CHUGH

Signature Medical Examiner: *U.C.* Name Medical Examiner: Dr. U.C. Gupta

**Dr. U. C. GUPTA**  
MBBS, MD (Physician)  
RMC No. 281


 भारत सरकार  
 Government of India


 सुरुचि  
 Suruchi  
 जन्म तिथि / DOB: 21/10/1986  
 महिला / Female




~~2257~~ ~~0545~~ 2739

आधार - आम आदमी का अधिकार

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

*Suruchi*


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



 भारतीय विशिष्ट पहचान प्राधिकरण  
 Unique Identification Authority of India


पता:  
 W/O: दीपक कुमार चूघ, हाउस न  
 117, वार्ड न 9, श्री विजयनगर,  
 विजेनगर, गंगानगर, श्रीबिजयनगर,  
 राजस्थान, 335704

Address:  
 W/O: Deepak Kumar Chugh,  
 HOUSE NO-117, WARD NO 9,  
 SRI VIJAYNAGAR, Vijainagar,  
 Ganganagar, Sribijaynagar,  
 Rajasthan, 335704

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# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

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**NAME :- Mrs. SURUCHI CHUGH**

Age :- 35 Yrs 9 Mon 14 Days

Sex :- Female

Patient ID :-12221571

Date :- 04/08/2022

10:39:10

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :- Mr.MEDIWHEEL

Final Authentication : 04/08/2022 16:56:40

## HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
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FULL BODY HEALTH CHECKUP BELOW 40 FEMAL

### HAEMOGARAM

<b>HAEMOGLOBIN (Hb)</b>	<b>9.6</b> L	g/dL	12.0 - 15.0
<b>TOTAL LEUCOCYTE COUNT</b>	5.10	/cumm	4.00 - 10.00
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>			
NEUTROPHIL	62.0	%	40.0 - 80.0
LYMPHOCYTE	31.0	%	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)	4.04	$\times 10^6/uL$	3.80 - 4.80
HEMATOCRIT (HCT)	<b>31.70</b> L	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	<b>78.0</b> L	fL	83.0 - 101.0
MEAN CORP HB (MCH)	<b>23.7</b> L	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	<b>30.3</b> L	g/dL	31.5 - 34.5
<b>PLATELET COUNT</b>	286	$\times 10^3/uL$	150 - 410
RDW-CV	<b>16.4</b> H	%	11.6 - 14.0
MENTZER INDEX	<b>19.31</b> H		0.00 - 13.00

A complete blood picture (CBP) is a kind of blood test that is done to assess a person's overall health and diagnose a wide range of health disorders like leukemia, anemia and other infections.

A complete blood count (CBC) is a complete blood test that diagnose many components and features of a persons blood which includes: -

- \*Red Blood Cells (RBC), which carry oxygen -
- \*White Blood Cells (WBC), which help in fighting against infections -
- \*Hemoglobin, which is the oxygen carrying protein in the red blood cells -
- \*Hematocrit (HCT), the proportion of RBC to the fluid component, or plasma present in blood -
- \*Platelets, which aid in blood clotting

(CBC): Methodology: TLC,TRBC,PCV,PLT Impedance method, HB Calorimetric method,, and MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: MINDRAY BC-3000 Plus 3 part automatic analyzer,

ADIYTA

**Technologist**

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**DR.TANU RUNGTA**

MD (Pathology)

RMC No. 17226



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### HAEMATOLOGY

**Erythrocyte Sedimentation Rate (ESR)**

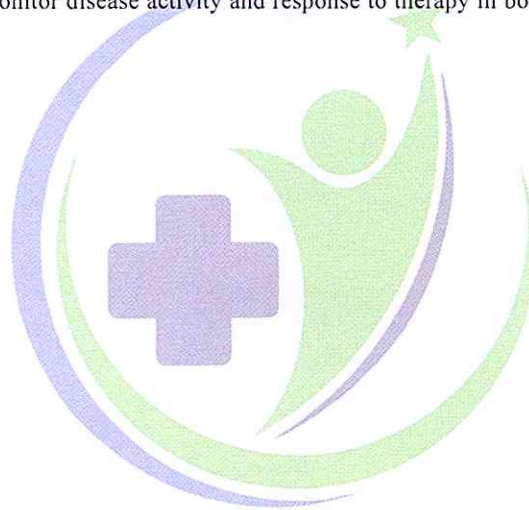
15

mm in 1st hr

00 - 20

Method:- Westergreen

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



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



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**BIOCHEMISTRY**

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) Method:- GOD POD	82.8	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)

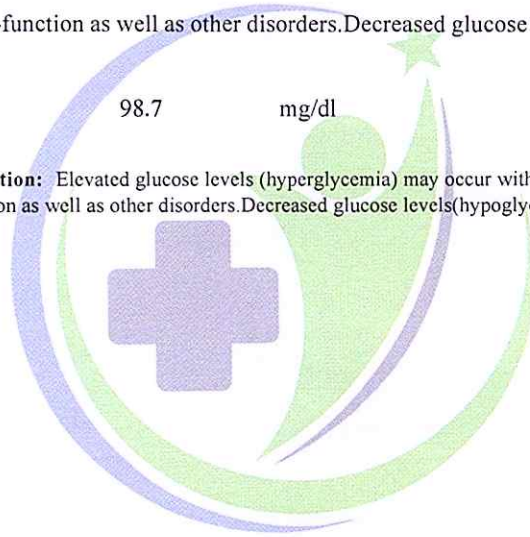
Method:- GOD PAP

98.7

mg/dl

70.0 - 140.0

Instrument Name: MISPA PLUS 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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Final Authentication : 04/08/2022 16:56:40

**HAEMATOLOGY**

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

Method:- CAPILLARY with EDTA 4.8 mg%

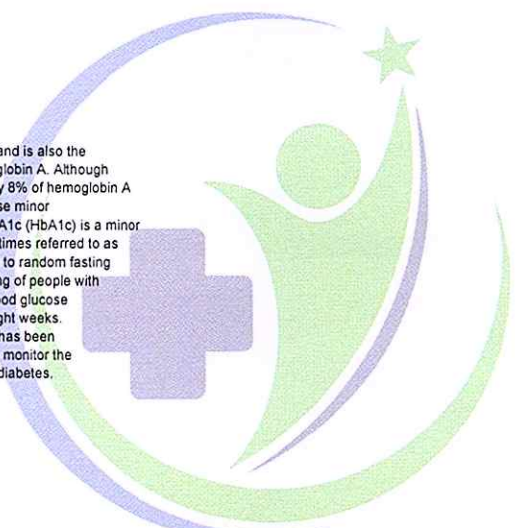
MEAN PLASMA GLUCOSE 92 mg/dL  
Method:- Calculated Parameter

**Interpretation:**

Hemoglobin A1c %	Degree of Glucose Control
< 6.0	Normal level
6.0 - 7.0	Near normal glycemia
7.0 - 8.0	Good control
> 8.0	Action suggested

**Clinical Information:**

Hemoglobin is the oxygen-carrying pigment that gives blood its red color and is also the predominant protein in red blood cells. About 90% of hemoglobin is hemoglobin A. Although one chemical component accounts for 92% of hemoglobin A, approximately 8% of hemoglobin A is made up of minor components that are chemically slightly different. These minor components include hemoglobin A1c, A1b, A1a1, and A1a2. Hemoglobin A1c (HbA1c) is a minor component of hemoglobin to which glucose is bound. HbA1c also is sometimes referred to as Glycosylated or Glycohemoglobin or Glycohemoglobin. In addition to random fasting blood glucose levels, HbA1c levels are routinely measured in the monitoring of people with diabetes. Levels of HbA1c are not influenced by daily fluctuations in the blood glucose concentration but reflect the average glucose levels over the prior six to eight weeks. Therefore, HbA1c is a useful indicator of how well the blood glucose level has been controlled in the recent past (over two to three months) and may be used to monitor the effects of diet, exercise, and drug therapy on blood glucose in people with diabetes.



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## HAEMATOLOGY

### BLOOD GROUP ABO

Method:- Haemagglutination reaction

"A" POSITIVE



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**BIOCHEMISTRY**

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

**TOTAL CHOLESTEROL** 170.00 mg/dl  
Method:- CHOD-PAP methodology  
Desirable <200  
Borderline 200-239  
High > 240

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

**TRIGLYCERIDES** 61.90 mg/dl  
Method:- GPO-TOPS methodology  
Normal <150  
Borderline high 150-199  
High 200-499  
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** 40.00 mg/dl  
Method:- Selective inhibition Method  
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** 119.68 mg/dl  
Method:- Calculated Method  
Optimal <100  
Near Optimal/above optimal 100-129  
Borderline High 130-159  
High 160-189  
Very High > 190

**VLDL CHOLESTEROL** 12.38 mg/dl  
Method:- Calculated  
0.00 - 80.00

**T.CHOLESTEROL/HDL CHOLESTEROL RATIO** 4.25  
Method:- Calculated  
0.00 - 4.90

**LDL / HDL CHOLESTEROL RATIO** 2.99  
Method:- Calculated  
0.00 - 3.50

**TOTAL LIPID** 465.24 mg/dl  
Method:- CALCULATED  
400.00 - 1000.00

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 ADIYTA

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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	0.69	mg/dL	Infants : 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Method:- DMSO/Diazo	0.18	mg/dL	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.51	mg/dl	0.30-0.70
SGOT Method:- IFCC	10.0	U/L	Men- Up to - 37.0 Female - Up to - 31.0
SGPT Method:- IFCC	13.6	U/L	Men- Up to - 40.0 Female- Up to - 31.0
SERUM ALKALINE PHOSPHATASE Method:- DGKC - SCE	64.00	U/L	42.00 - 110.00
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.	21.40	U/L	5.00 - 32.00
SERUM TOTAL PROTEIN Method:- Direct Biuret Reagent	6.40	g/dl	5.10 - 8.00
SERUM ALBUMIN Method:- Bromocresol Green	4.02	g/dl	2.80 - 4.50
SERUM GLOBULIN Method:- CALCULATION	2.38	gm/dl	2.20 - 3.50
A/G RATIO	1.69		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 20.40 mg/dl 10.00 - 50.00  
Method:- Urease/GLDH

**InstrumentName:** MISPA PLUS **Interpretation :** Urea measurements are used in the diagnosis and treatment of certain renal and metabolic diseases.

SERUM CREATININE 1.07 mg/dl Males : 0.6-1.50 mg/dl  
Method:- Jaffe's Method 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 2.76 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 139.0 mmol/L 135.0 - 148.0  
Method:- Ion-Selective Electrode with Serum

**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 5.17 mmol/L 3.30 - 5.50  
Method:- Ion-Selective Electrode with Serum

**Interpretation:** A. Elevated potassium (hyperkalaemia)• Artefactual,Physiological 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 98.0 mmol/L 95.0 - 106.0  
Method:- Ion-Selective Electrode with Serum

**Interpretation:** Used for Electrolyte monitoring.

SERUM CALCIUM 9.51 mg/dL 8.80 - 10.20  
Method:- Arsenazo III Method

**InstrumentName:**MISPA 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 6.40 g/dl 5.10 - 8.00  
Method:- Direct Biuret Reagent

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**BIOCHEMISTRY**

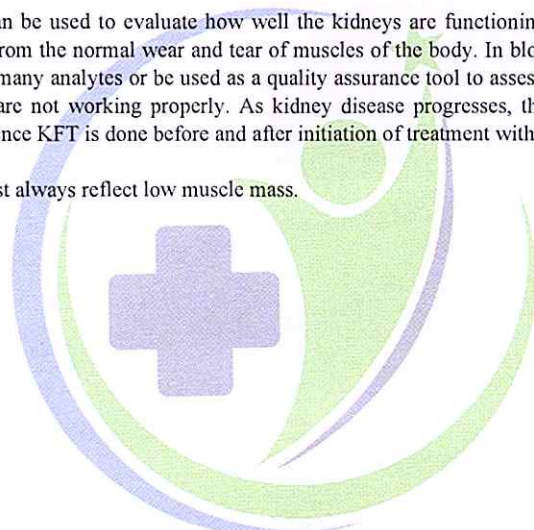
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A/G RATIO	1.69		1.30 - 2.50

**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-hourcollections 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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Age :- 35 Yrs 9 Mon 14 Days	Ref. By Doctor:-BANK OF BARODA		
Sex :- Female	Lab/Hosp :-		
	Company :- Mr.MEDIWHEEL		

Final Authentication : 04/08/2022 16:56:40

**TOTAL THYROID PROFILE**

**IMMUNOASSAY**

Test Name	Value	Unit	Biological Ref Interval
<b>THYROID-TRIODOOTHYRONINE T3</b> Method:- Chemiluminescence Reference Range (T3)	1.17	ng/m	0.60 - 1.81 ng/ml
Premature Infants 26-30 Weeks ,3-4 days	0.24 - 1.32 ng/m		
Full-Term Infants 1-3 days	0.89 - 4.05 ng/m		
1 Week	0.91 - 3.00 ng/ml		
1- 11 Months	0.85 - 2.50 ng/m		
Prepubertal Children	1.19 - 2.18 ng/ml		

**NOTE: In pregnancy total T3,T4 increase to 1.5 times the normal range.**

**Clinical Information** Primary malfunction of the thyroid gland may result in excessive(hyper) or low(hypo) release of T3 or T4. In addition, as TSH directly affect thyroid function,malfunction of the pituitary or the hypothalamus influences the thyroid gland activity.Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the level of T3 and T4 in the blood,in Primary hypothyroidism,TSH levels are significantly elevated,while in secondary and tertiary hypothyroidism,TSH levels may be low.IN addition,In Euthyroid sick Syndrom,multiple alterations in serum thyroid function test findings have been recognized in patient with a wide variety of nonthyroid illness (NTI) serum without evidence of preexisting thyroid or hypothalamic- pituitary disease .

**THYROID - THYROXINE (T4)** 7.65 ug/dl 4.50 - 10.90 ug/dl

Method:- Chemiluminescence  
**InstrumentName:** VITROS ECI **Interpretation :**The measurement of Total T4 aids in the differential diagnosis of thyroid disease. While >99.9% of T4 is protein-bound, primarily to thyroxine-binding globulin (TBG), it is the free fraction that is biologically active. In most patients, the total T4 concentration is a good indicator of thyroid status. T4 concentrations may be altered in some conditions, such as pregnancy,that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, free T4 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake may be used with the total T4 result to calculate the free T4 index (FT4I) and estimate the concentration of free T4.Some drugs and some nonthyroidal patient conditions are known to alter TT4 concentrations in vivo.

**TSH** 3.210 uIU/mL 0.35 - 5.5 >20 Years  
Method:- Chemiluminescence

**Clinical Informaton:**

The levels of thyroid hormone (T3 & T4) are low in case of Primary, Secondary and Tertiary hypothyroidism and sometimes in nonthyroidal illness also. Increased levels are found in Grave's disease, hyperthyroidism and thyroid hormone resistance. T3 levels are also raised in T3 thyrotoxicosis. TSH levels are raised in primary hypothyroidism and are low in hyperthyroidism and secondary hypothyroidism. In Pregnancy - Level Total T3 (ng/mL) Total T4 (ug/dl) TSH (uIU/ml)  
1st Trimester 0.81-1.90 6.6-12.4 0.1-2.5  
2nd Trimester 1.0-2.6 6.6-15.5 0.2-3.0  
3rd Trimester 1.0-2.6 6.6-15.5 0.3-3.0

Note: TSH levels are subject to circadian variaton, reaching peak levels between 2-4 AM and at a minimum between 6-10 PM.

The variaton is of the order of 50%. Hence time of the day has influence on the measured serum TSH concentrations.

**InstrumentName:** VITROS ECI **Interpretation:** Triiodothyronine (T3) contributes to the maintenance of the euthyroid state.A decrease in T3 concentration of up to 50% occurs in a variety of clinical situations, including acute and chronic disease. Although T3 results alone cannot be used to diagnose hypothyroidism, T3 concentration may be more sensitive than thyroxine (T4) for hyperthyroidism. Consequently, the total T3 assay can be used in conjunction with other assays to aid in the differential diagnosis of thyroid disease.T3 concentrations may be altered in some conditions, such as

ADIYTA

**Technologist**  
Page No: 13 of 14

*Tanu*

**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 :- Mrs. SURUCHI CHUGH</b>	Patient ID :-12221571	Date :- 04/08/2022	10:39:10
Age :- 35 Yrs 9 Mon 14 Days	Ref. By Doctor:-BANK OF BARODA		
Sex :- Female	Lab/Hosp :-		
	Company :- Mr.MEDIWHEEL		

Final Authentication : 04/08/2022 16:56:40

**IMMUNOASSAY**

pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, Free T3 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake, or T4 uptake can be used with the total T3 result to calculate the free T3 index and estimate the concentration of free T3.

**InstrumentName:** VITROS ECI **Interpretation :** The measurement of Total T4 aids in the differential diagnosis of thyroid disease. While >99.9% of T4 is protein-bound, primarily to thyroxine-binding globulin (TBG), it is the free fraction that is biologically active. In most patients, the total T4 concentration is a good indicator of thyroid status. T4 concentrations may be altered in some conditions, such as pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, free T4 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake may be used with the total T4 result to calculate the free T4 index (FT4I) and estimate the concentration of free T4. Some drugs and some nonthyroidal patient conditions are known to alter TT4 concentrations in vivo.

**InstrumentName:** VITROS ECI **Interpretation :** TSH stimulates the production of thyroxine (T4) and triiodothyronine (T3) by the thyroid gland. The diagnosis of overt hypothyroidism by the finding of a low total T4 or free T4 concentration is readily confirmed by a raised TSH concentration. Measurement of low or undetectable TSH concentrations may assist the diagnosis of hyperthyroidism, where concentrations of T4 and T3 are elevated and TSH secretion is suppressed. These have the advantage of discriminating between the concentrations of TSH observed in thyrotoxicosis, compared with the low, but detectable, concentrations that occur in subclinical hyperthyroidism. The performance of this assay has not been established for neonatal specimens. Some drugs and some nonthyroidal patient conditions are known to alter TSH concentrations in vivo.

**INTERPRETATION**

PREGNANCY	REFERENCE RANGE FOR TSH IN uIU/mL (As per American Thyroid Association)
1st Trimester	0.10-2.50
2nd Trimester	0.20-3.00
3rd Trimester	0.30-3.00

\*\*\* End of Report \*\*\*

ADIYTA

**Technologist**

Page No: 14 of 14

**DR. TANU RUNGTA**

MD (Pathology)  
RMC No. 17226



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- ☎ +91 141 4824885 ✉ maxcarediagnostics1@gmail.com



NAME:	MR. SURUCHI CHUGH	AGE	35 YRS/F
REF.BY	BANK OF BARODA	DATE	04/08/2022

**CHEST X RAY (PA VIEW)**

Bilateral lung fields appear clear.

Bilateral costo-phrenic angles appear clear.

Cardiothoracic ratio is normal.

Thoracic soft tissue and skeletal system appear unremarkable.

Soft tissue shadows appear normal.

**IMPRESSION:** No significant abnormality is detected.

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





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MRS. SURUCHI CHUGH	Age: 35 Y/Female
Registration Date: 04/08/2022	Ref. by: BANK OF BARODA

**ULTRASOUND OF WHOLE ABDOMEN**

**Liver** is of normal size (12.9 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:** Multiple (4-5) calculi with posterior acoustic shadowing are noted in fundus and body region, largest measuring 19-20 mm. No evidence of pericholecystic free fluid is noted. 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 (11.1 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 dilatation or calculus.

**Right kidney** is measuring approx. 11.3 x 5.5 cm. **Simple, well-defined cortical cyst of size 13 x 13 mm is noted at lower pole region (Bosniak grade 1 cyst).**

**Left kidney** is measuring approx. 11.1 x 5.3 cm.

**Urinary bladder** does not show any calculus or mass lesion.

**Uterus** is bulky (measuring approx. 12.4 x 4.9 x 4.8 cm) with coarse echotexture and indistinct endomyometrial junction at places – possibility of adenomyosis.

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

No enlarged nodes are visualized. No retro-peritoneal lesion is identified.

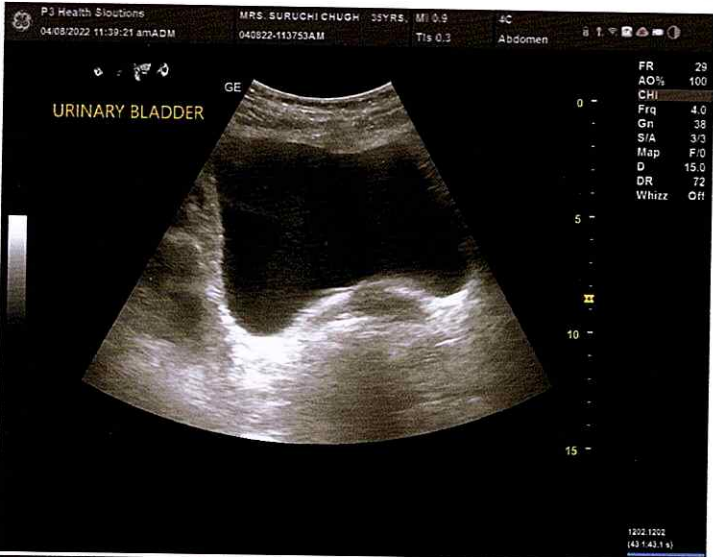
No significant free fluid is seen in pouch of Douglas.

**IMPRESSION:**

- Cholelithiasis as described above.
- Bulky uterus with coarse echotexture and indistinct endomyometrial junction at places – possibility of adenomyosis. **Adv: MRI pelvis correlation.**

  
**Dr. SHALINI GOEL**  
MBBS, DNB (Radiologist)  
RMC No. 21954  
P-3 Health Solutions LLP







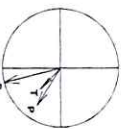




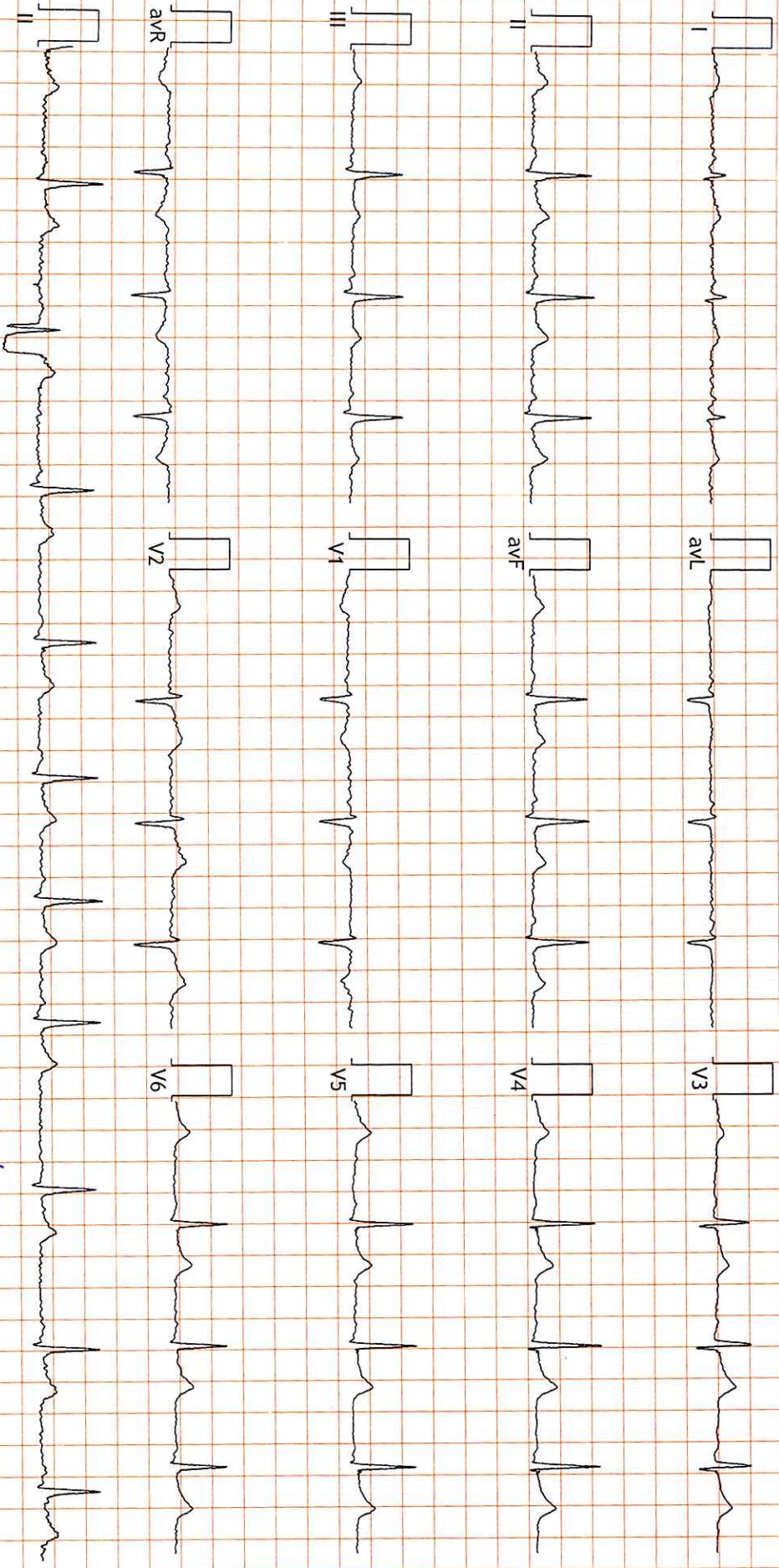
**P3 HEALTH SOLUTIONS LLP**

B-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur  
12221571 / Suruchi Chugh 35 Yrs-9 Months / Female  
Ref.: BANK OF BARODA Test Date: 04-Aug-2022 (12:10:19)

Kgs/ Cms BP: \_\_\_/\_\_\_ mmHg HR: 66 bpm  
Notch: 50Hz 0.05Hz - 100Hz 10mm/mV 25mm/Sec



PR Interval: 140 ms  
QRS Duration: 78 ms  
QT/QTc: 301/317ms  
P-QRS-T Axis: 32 - 75 - 44 (Deg)



**FINDINGS:** Normal Sinus Rhythm  
Vent Rate : 66 bpm; PR Interval : 140 ms; QRS Duration: 78 ms; QT/QTc Int : 301/317 ms  
P-QRS-T axis: 32 • 75 • 44 • (Deg)  
Comments :

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







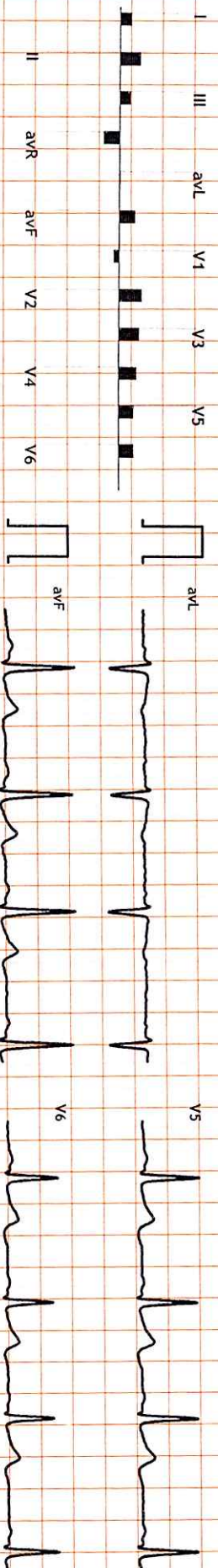
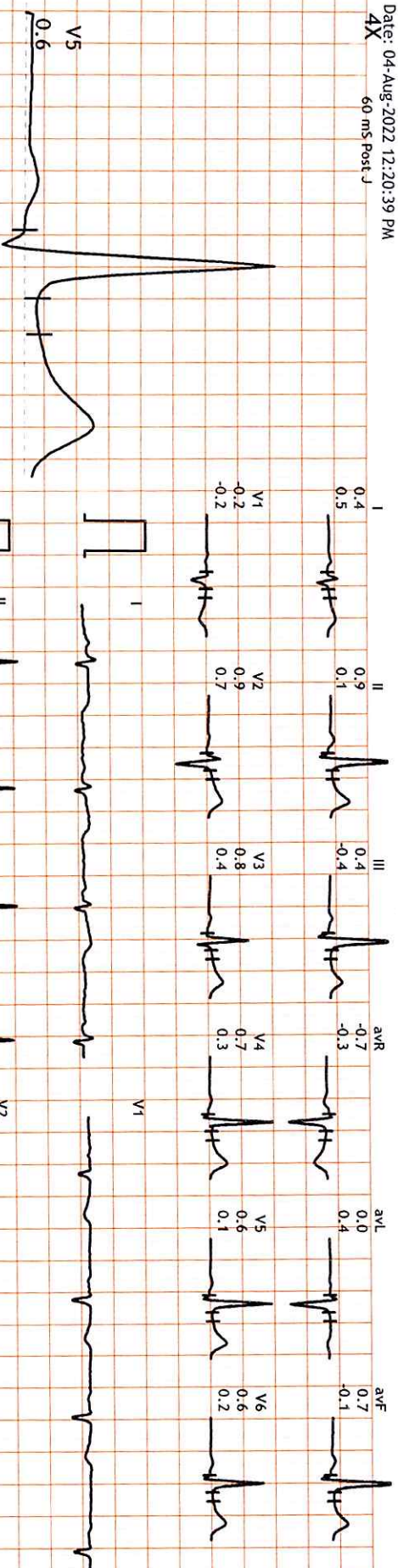
HR: 68 bpm  
METs: 1.0  
BP: 120/80

MPHR: 36% of 185  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 00:31  
BLC : On  
Notch : On

Supine  
10.0 mm/mV  
25 mm/Sec.





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

12221571/MRSSURUCHI CHUGH

35 Yrs/Female

0 Kg/0 Cms

Date: 04-Aug-2022 12:20:39 PM

4X 60 ms Post J

HR: 82 bpm

METS: 1.0

BP: 120/80

MPHR: 44% of 185

Speed: 0.0 mph

Grade: 0.0%

Raw ECG

BRUCE

(1.0-35)Hz

Ex Time 01:16

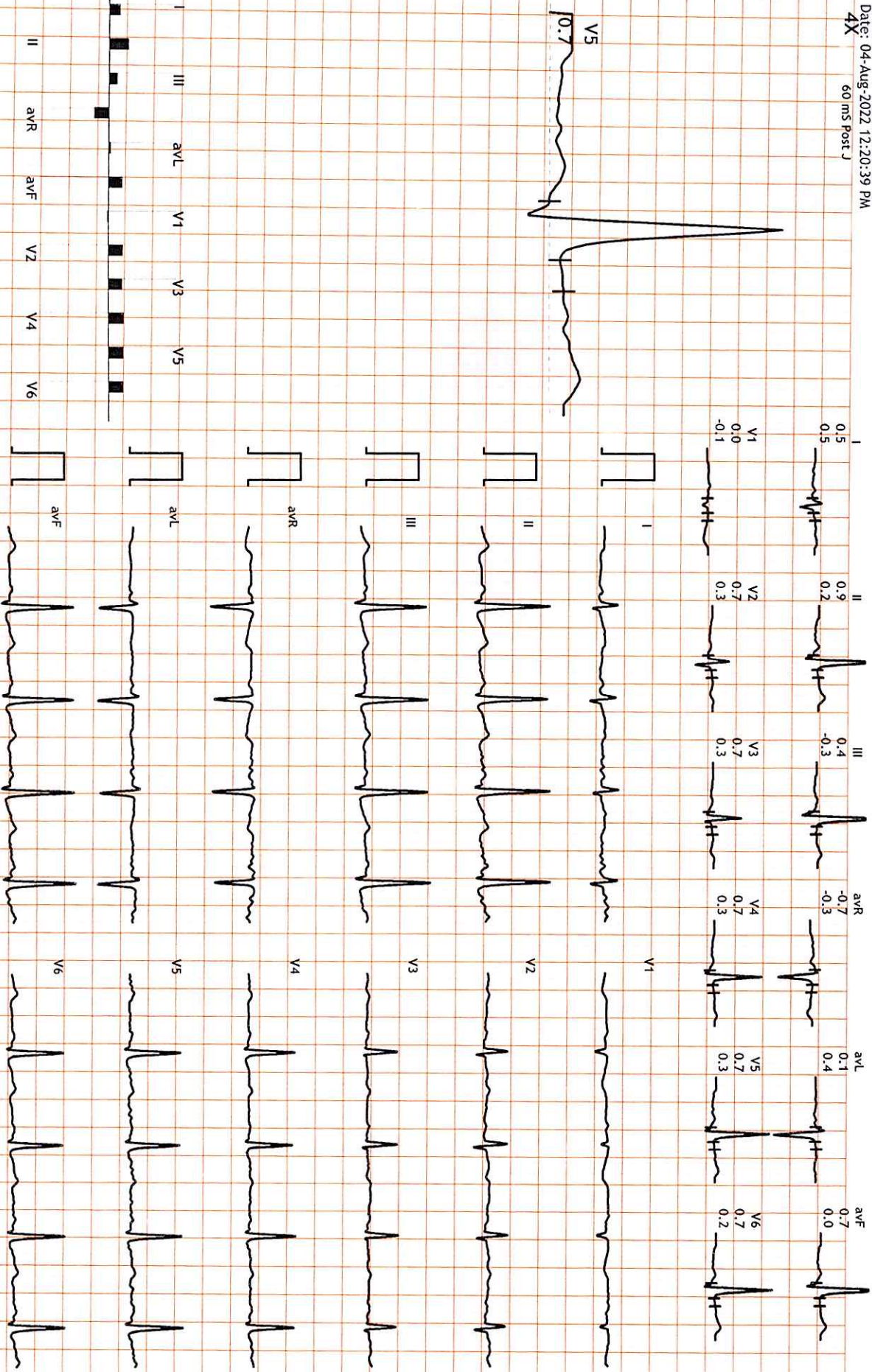
BLC: On

Notch: On

Standing

10.0 mm/mV

25 mm/Sec.





B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur  
 12221571/MRSSURUCHI CHUGH  
 35 Yrs/Female  
 0 Kg/0 Cms  
 Date: 04-Aug-2022 12:20:39 PM  
 4X 60 ms Post J

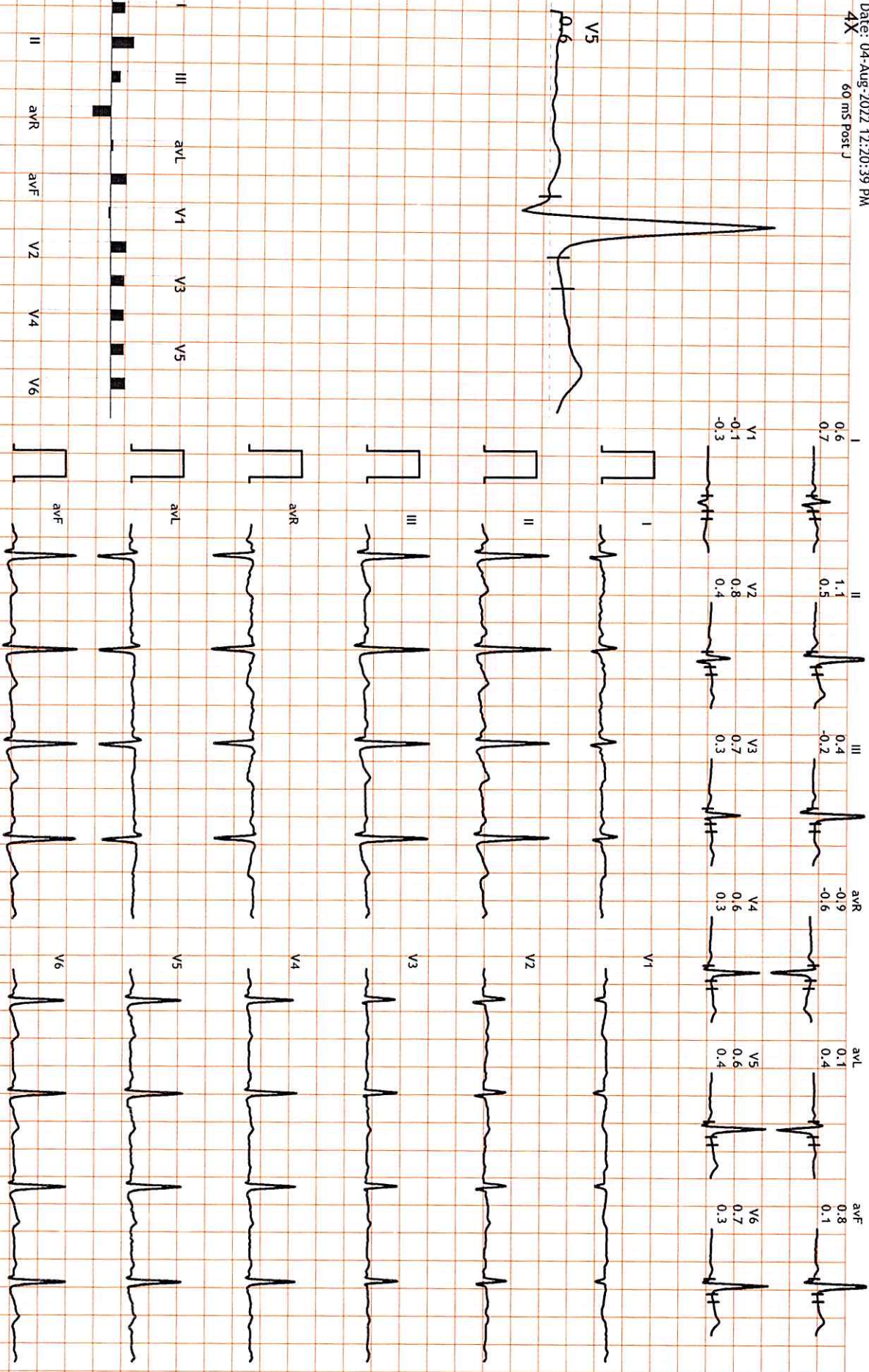
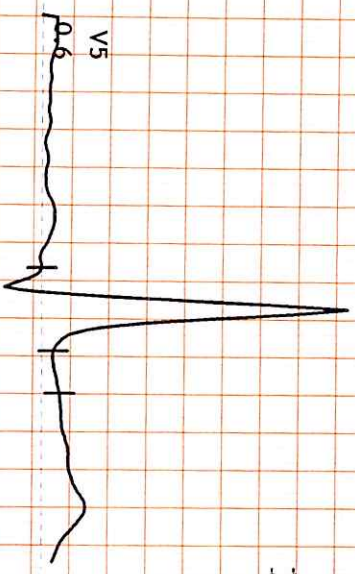
HR: 85 bpm  
 METS: 1.0  
 BP: 120/80

MPHR: 45% of 185  
 Speed: 0.0 mph  
 Grade: 0.0%

Raw ECG  
 BRUCE  
 (1.0-35)Hz

Ex Time 01:24  
 BLC :On  
 Notch :On

HV  
 10.0 mm/mV  
 25 mm/Sec.





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

12221571/MRSSURUCHI CHUGH

35 Yrs/Female

0 Kg/0 Cms

Date: 04-Aug-2022 12:20:39 PM

4X 60 ms Post J

HR: 134 bpm

MEETS: 4.7

BP: 125/85

MPHR: 72% of 185

Speed: 1.7 mph

Grade: 10.0%

Raw ECG

BRUCE

(1.0-35)Hz

Ex Time 02:59

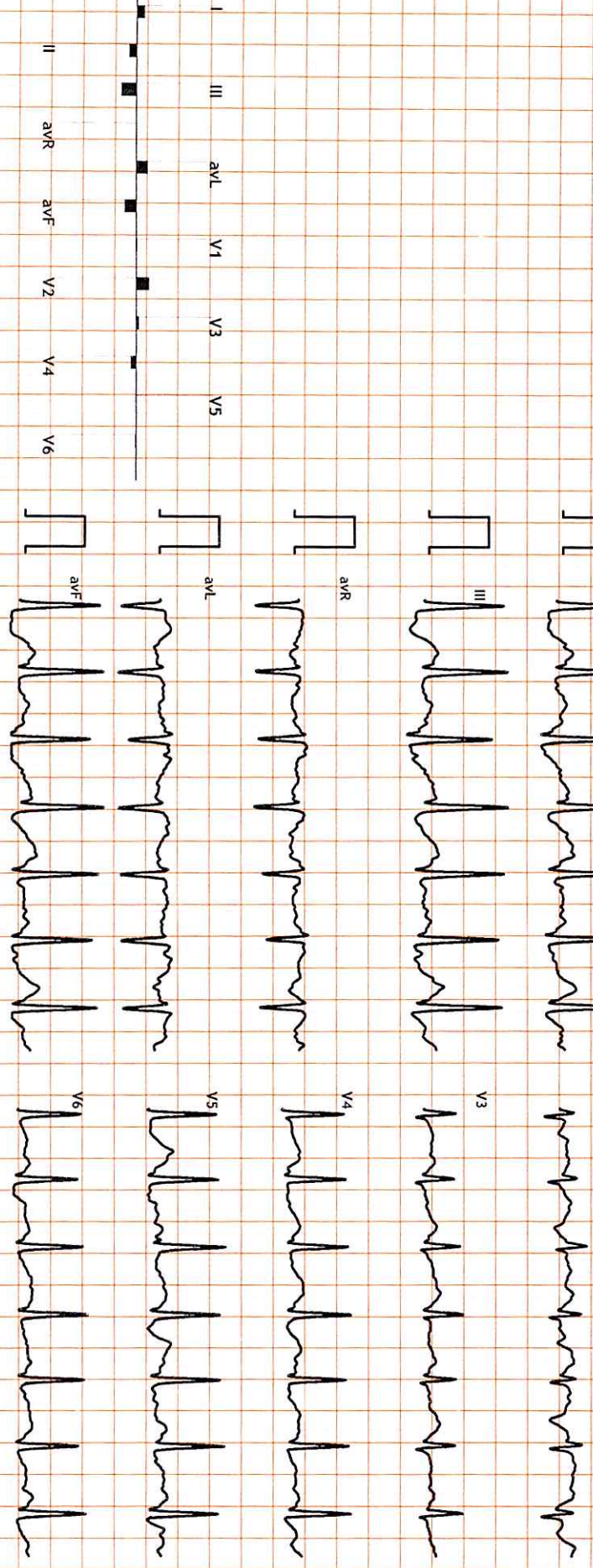
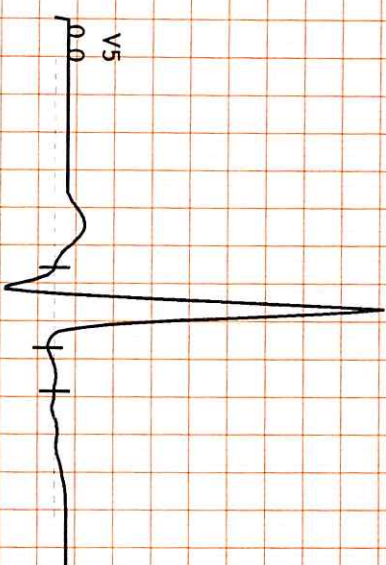
BLC : On

Notch : On

BRUCE:Stage 1(3:00)

10.0 mm/mV

25 mm/Sec.





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

12221571/AMSSURUCHI CHUGH

35 Yrs/Female

0 Kg/0 Cms

4X

Date: 04-Aug-2022 12:20:39 PM  
60 ms Post J

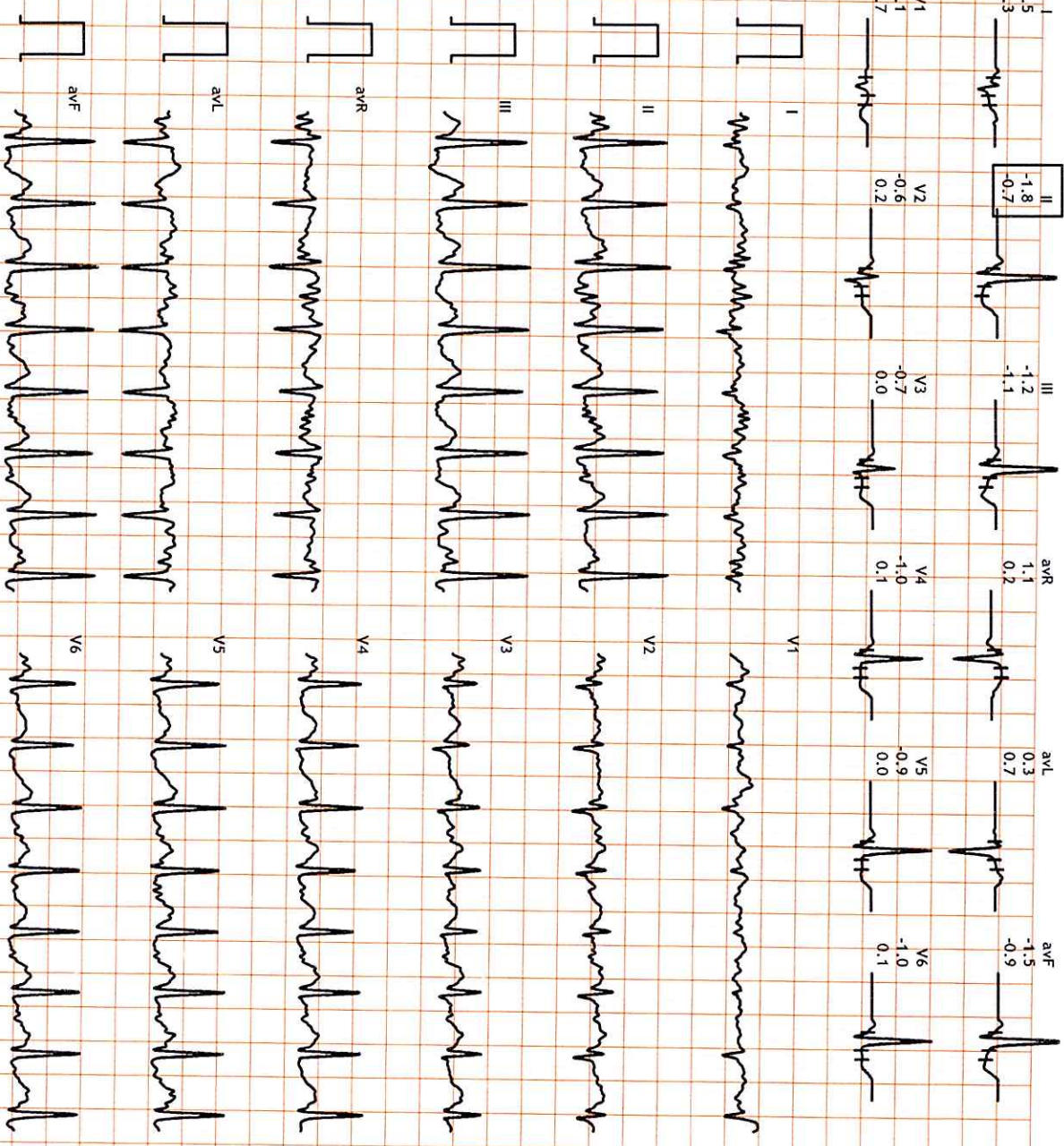
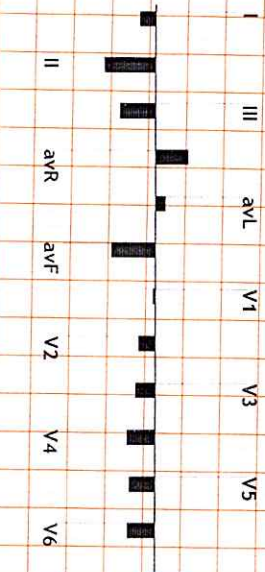
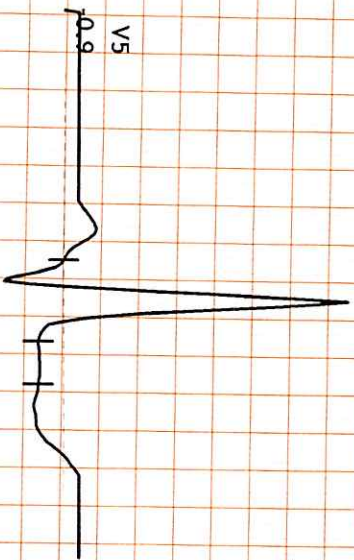
HR: 154 bpm  
METs: 7.1  
BP: 140/90

MPHR: 83% of 185  
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.





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

12221571/MRSSURUCHI CHUGH

35 Yrs/Female

0 Kg/0 Cms

Date: 04-Aug-2022 12:20:39 PM

4X

60 ms Post J

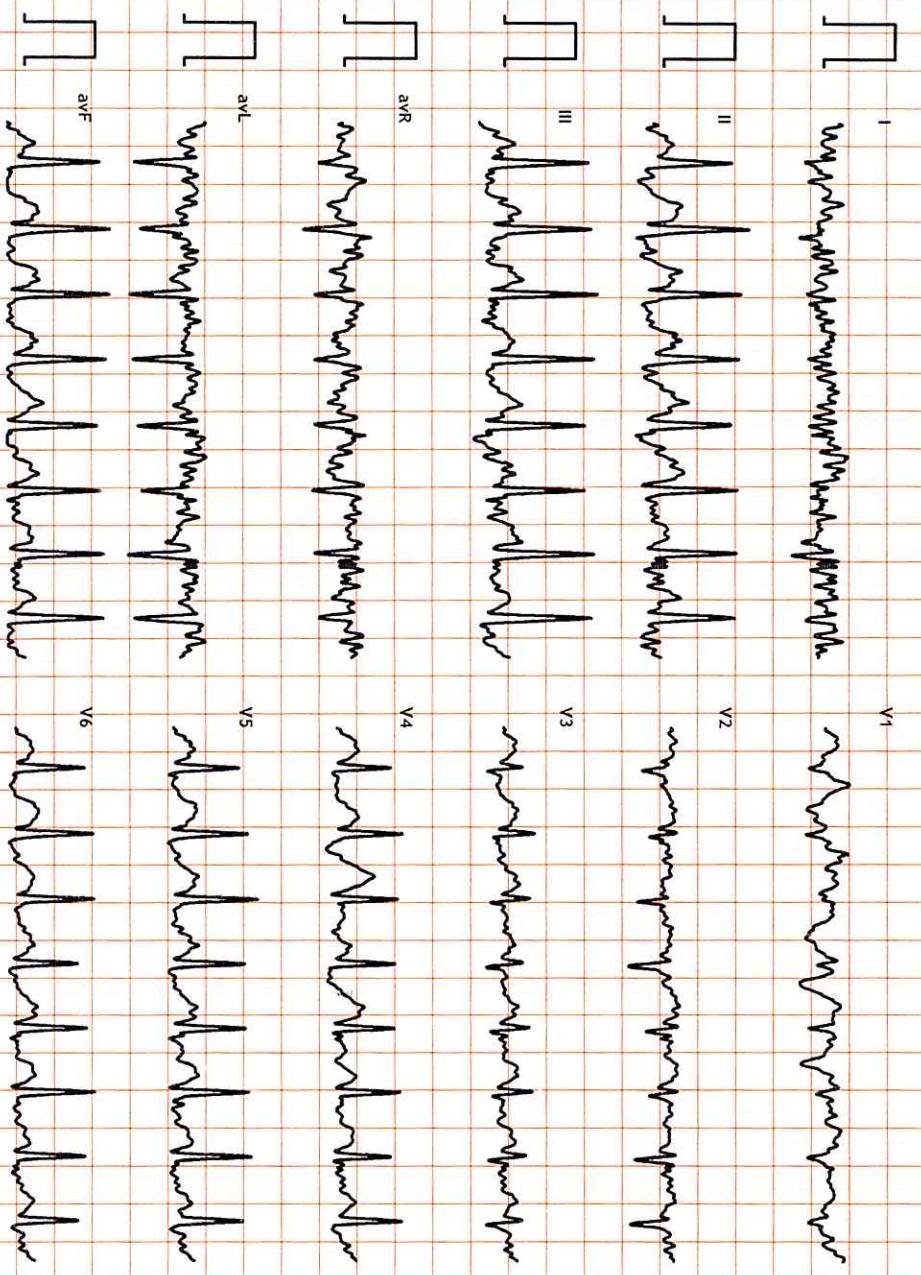
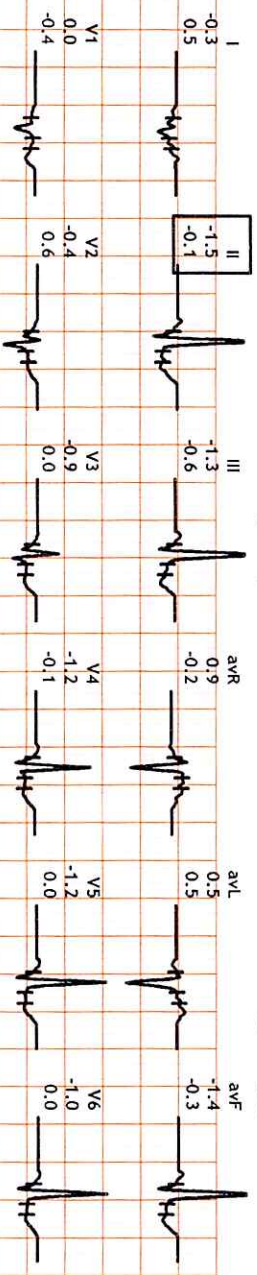
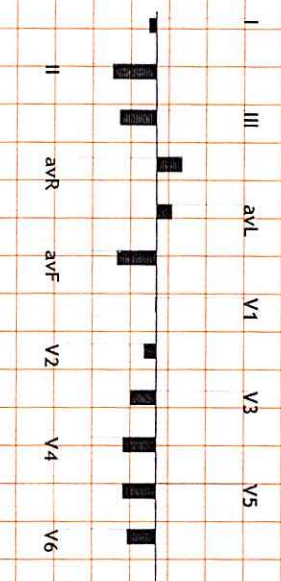
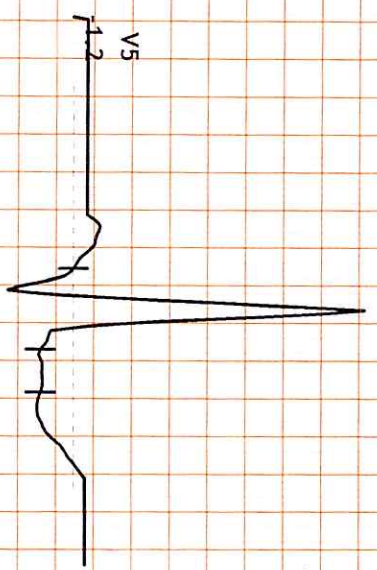
HR: 164 bpm  
METs: 7.6  
BP: 140/90

MPHR: 88% of 185  
Speed: 3.4 mph  
Grade: 14.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 06:29  
BLC : On  
Notch : On

BRUCE: PeakEx(0:29)  
10.0 mm/mv  
25 mm/Sec.





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

12221571/MRSSURUCHI CHUGH  
35 Yrs/Female  
0 Kg/0 Cms

Date: 04-Aug-2022 12:20:39 PM  
4X 60 ms Post J

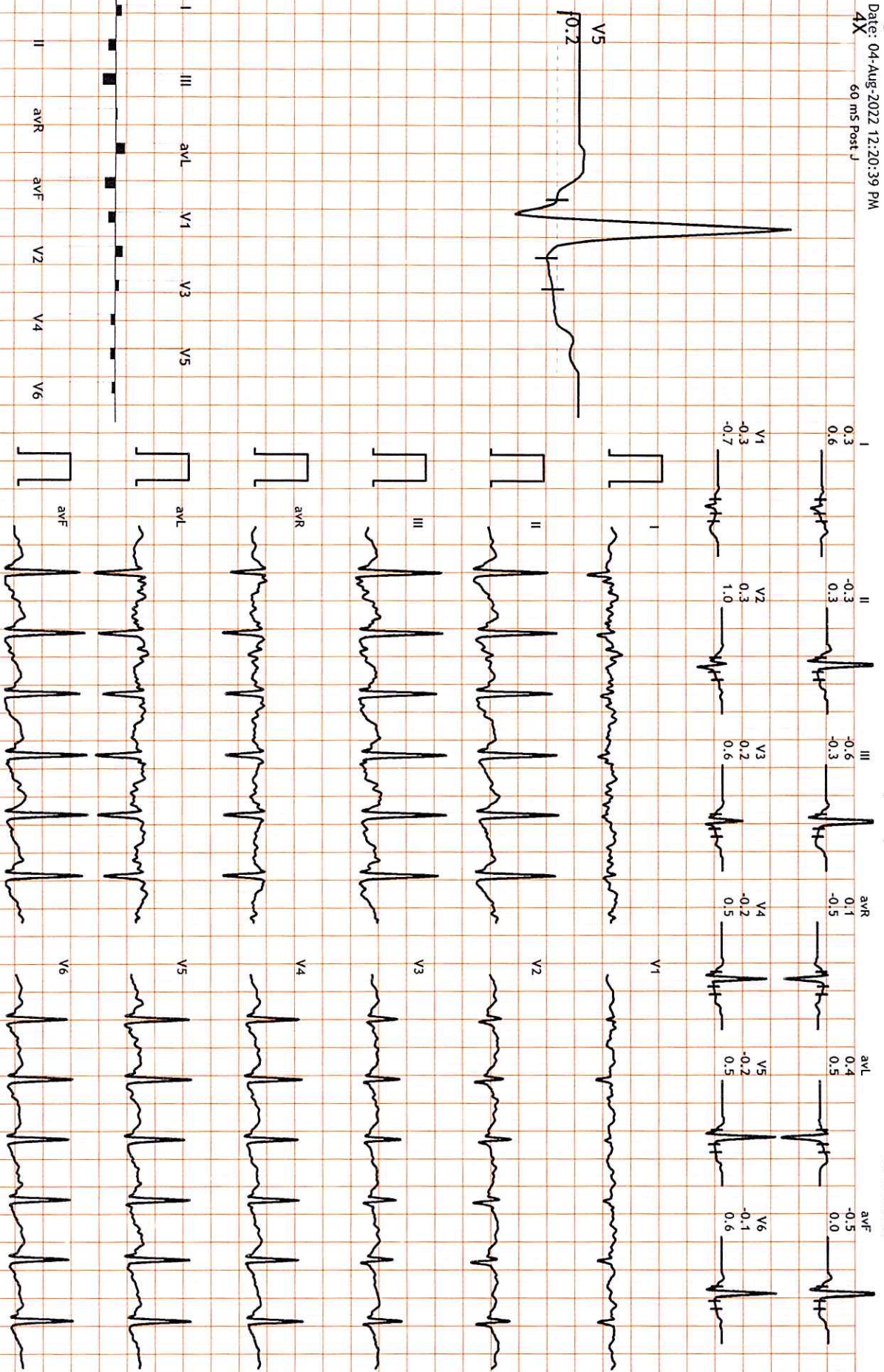
HR: 131 bpm  
METs: 1.3  
BP: 140/90

MPHR: 70% of 185  
Speed: 1.1 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 06:31  
BLC : On  
Notch : On

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





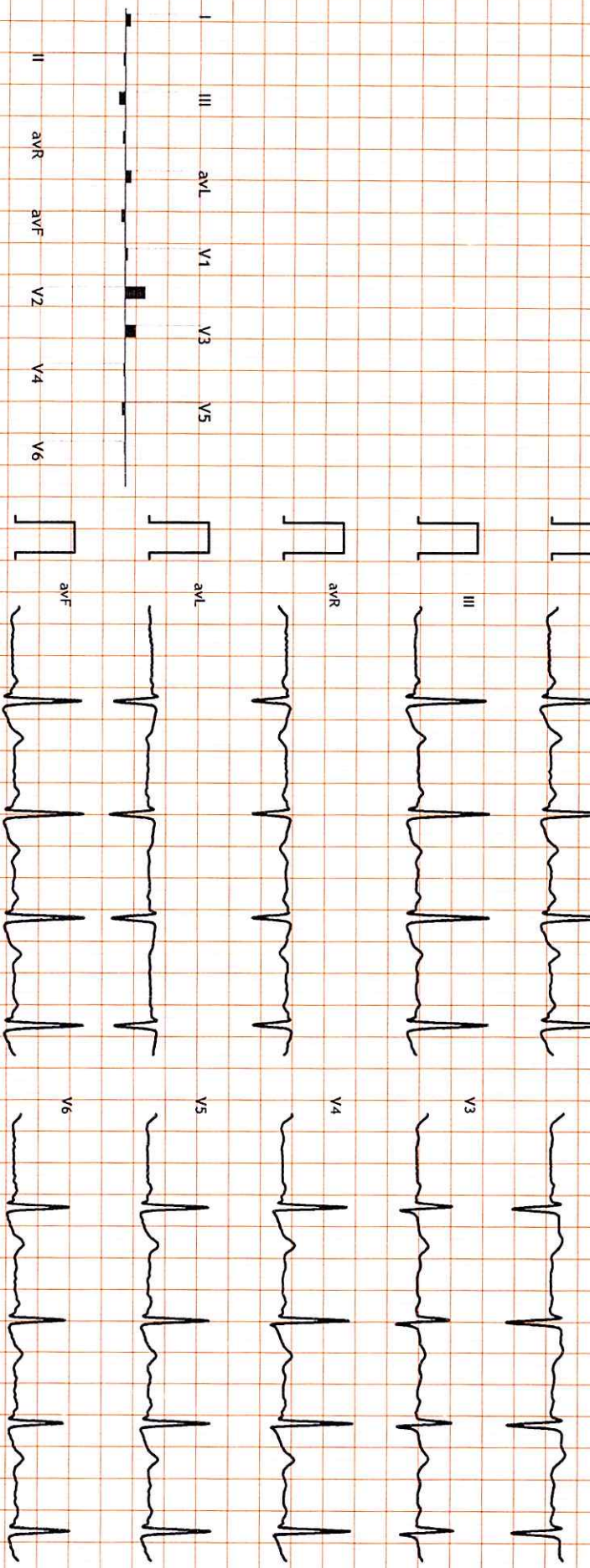
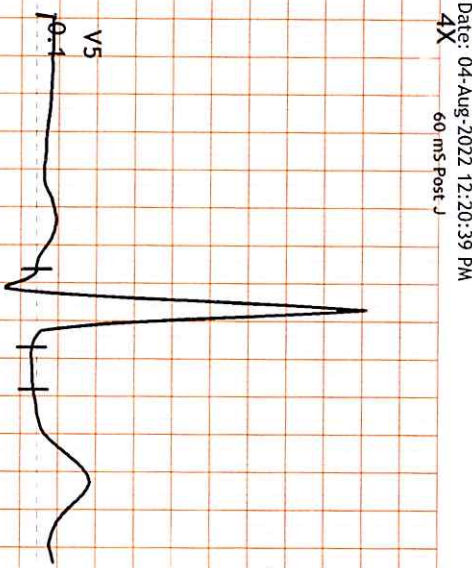
HR: 84 bpm  
 METS: 1.0  
 BP: 140/90

MPHR: 45% of 185  
 Speed: 0.0 mph  
 Grade: 0.0%

Raw ECG  
 BRUCE  
 (1.0-35)Hz

Ex Time 06:31  
 BLC : On  
 Notch : On

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





4X

60 ms Post J

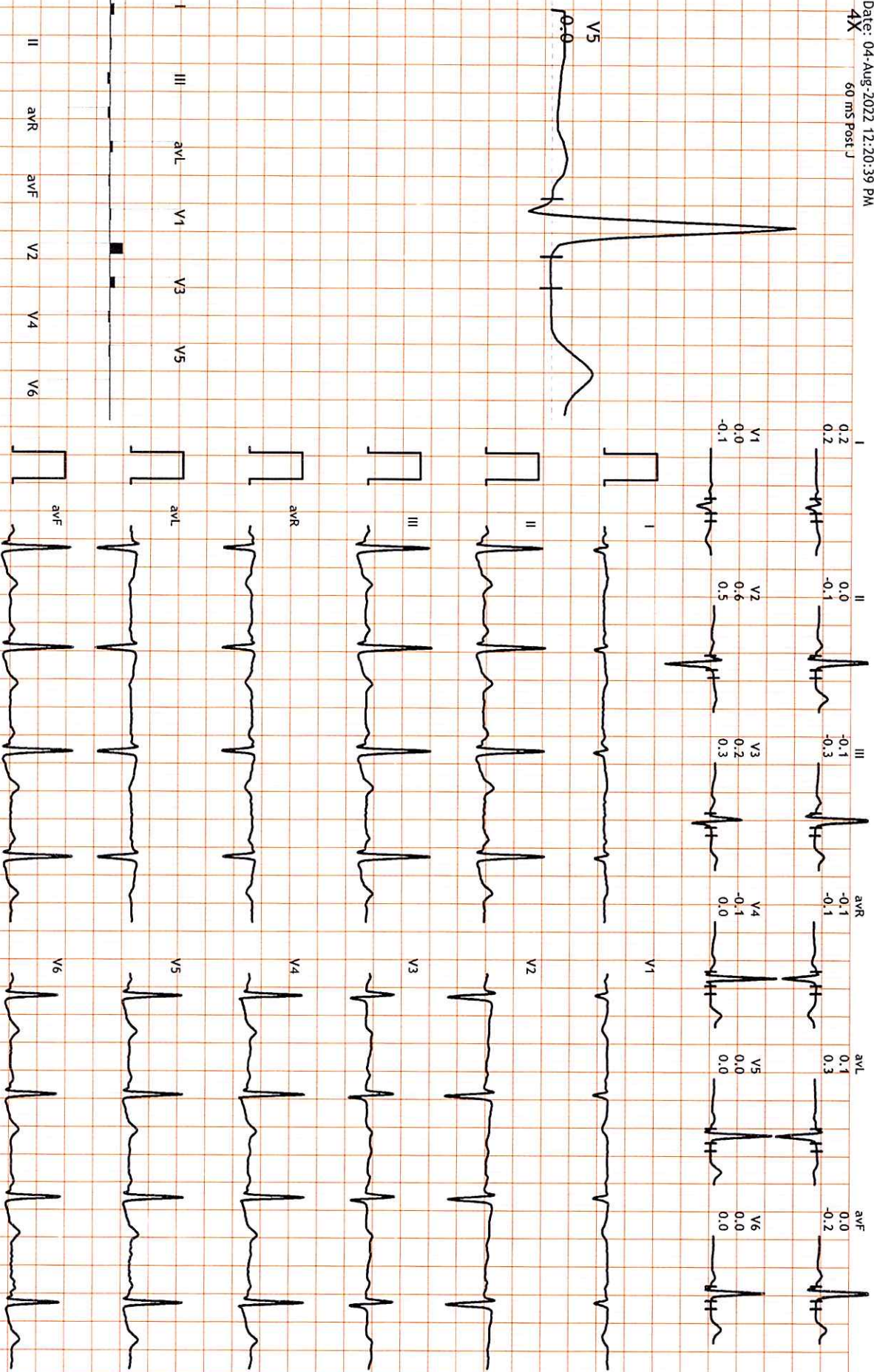
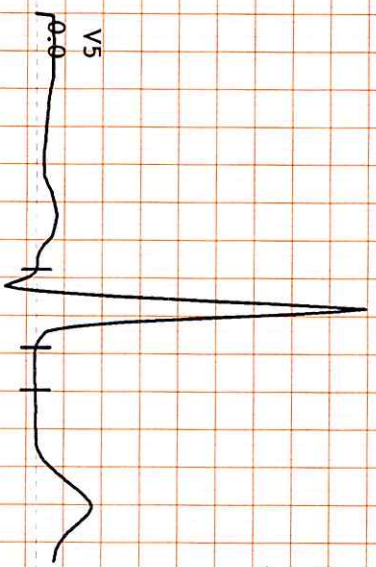
HR: 77 bpm  
METs: 1.0  
BP: 130/85

MPHR: 41% of 185  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 06:31  
BLC : On  
Notch : On

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





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

12221571/MRSSURUCHI CHUGH

35 Yrs/Female

0 Kg/0 Cms

Date: 04-Aug-2022 12:20:39 PM

4X

60 ms Post J

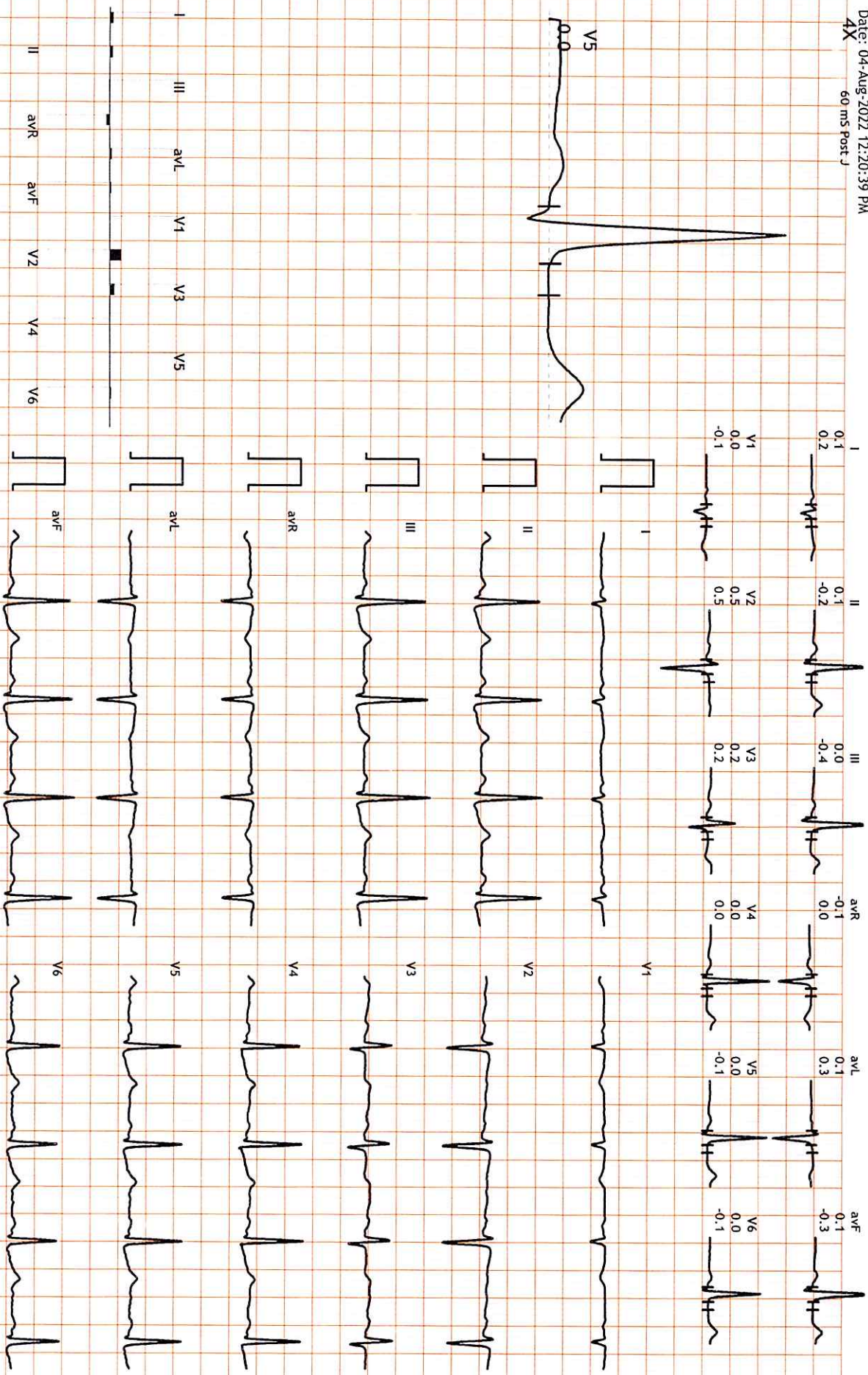
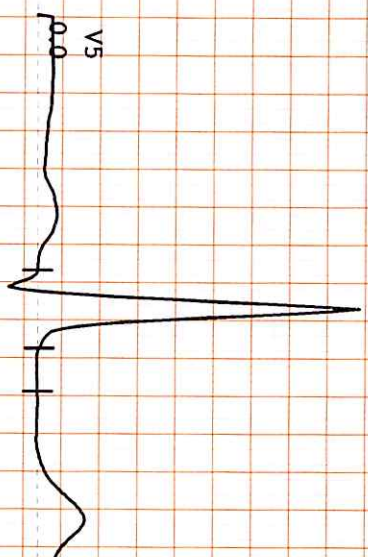
HR: 79 bpm  
METs: 1.0  
BP: 120/80

MPHR: 42% of 185  
Speed: 0.0 mph  
Grade: 0.0%

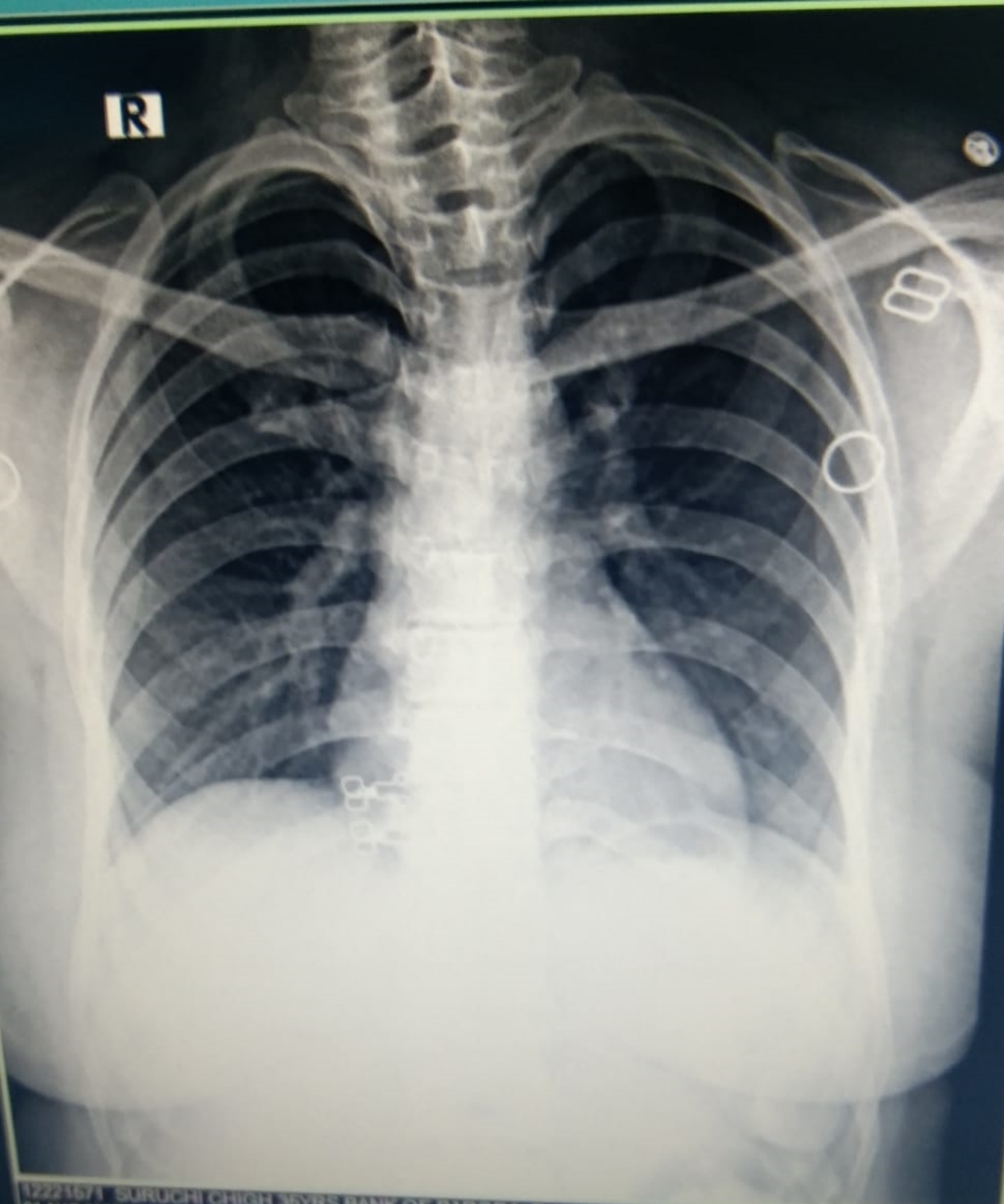
Raw ECG  
BRUCE  
(1.0-35)Hz

Ex Time 06:31  
BLC : On  
Notch : On

Recovery(4:00)  
10.0 mm/mv  
25 mm/Sec.







R

12221671 SURUCHI CHIGH 35YRS BANK OF BARODA F  
04 AUG 2022  
MARCARE DIAGNOSTIC (ASSOCIATES OF P3 HEALTH SOLUTIONS LLP)