



**ALPHA**  
DIAGNOSTICS

D/115, Gulmohar Park, Near Delapeer Talab,  
Rajendra Nagar, Bareilly (U.P.)  
+91-7642912345, 7642812345, 0581-4015223  
contact@alphadiagnostic.in  
alphadiagnostic07@gmail.com  
www.alphadiagnostic.in

Patient ID 102314442  
Name Mr. AMIT NAYAL  
Sex/Age Male 36 Yrs  
Ref. By Dr. NITIN AGARWAL  
Specimen



Reg. Date 24/02/2024 10:54:40  
Collected On  
Received On  
Reported On 24/02/2024 11:24:18

**X-RAY CHEST PA VIEW**

Bilateral lung fields are clear.  
Trachea is mid line.  
Cardiac silhouette is normal.  
Bilateral hilar shadows are normal.  
Rib cage appears normal.  
Bilateral CP angles are clear.

**IMPRESSION: -**

➤ **NORMAL X-RAY CHEST.**

ADV – PLEASE CORRELATE CLINICALLY.

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



*Farhat*

**DR FARHAT H ANSARI**

- CT Scan (96 Slice)
- 2D Echo
- Serology
- Histopathology
- 4D Ultrasound
- Spirometry
- Biochemistry
- Microbiology
- Complete Hematology
- Color Doppler
- Digital X-Ray
- Cytology
- Video Bronchoscopy
- PCR For Covid-19 (Truenat)





# ALPHA

## DIAGNOSTICS

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Sex/Age Male 36 Yrs  
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Specimen



Reg. Date 24/02/2024 10:53:07  
Collected On  
Received On  
Reported On 24/02/2024 11:58:27

### USG WHOLE ABDOMEN

**Liver** is normal in size (153mm) with **Grade I fatty changes of liver**. Margins are regular. Parenchyma shows normal and uniform echogenicity. There is no intrahepatic biliary dilatation. Portal and hepatic venous channels are within normal limits. No focal lesion seen.

**Gall bladder** is normal in position, shape and size. Walls are normal in thickness & regular. Lumen is echofree. CBD is not dilated. No peri-cholecystic collection.

**Pancreas** is normal in size. Margins are regular. Parenchyma shows normal echotexture. Pancreatic duct is not dilated. No focal area of altered echogenicity or calcification is seen.

**Spleen** is normal in position and size (106mm). Margins are regular with uniform parenchymal echogenicity.

**Kidneys** : Both kidneys are normal in position and size. Margins are regular. Parenchymal thickness is adequate with normal cortical echogenicities. No evidence of backpressure changes seen in the pelvicalyceal system. Both ureters are not dilated.

No significant abdominal lymphadenopathy seen.

**Urinary bladder** is normal in position and shape. Walls are regular. Perivesical fat planes are intact.

**Prostate** is normal in size (vol- 18.98cc). Capsule is intact. Peri-prostatic planes are maintained. Seminal vesicles are normally visualized.

No free fluid in peritoneal cavity.

### IMPRESSION

❖ **Grade I fatty changes of liver.**

Adv: Clinical correlation and further evaluation.

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



*Farhat*

**DR FARHAT HANSARI**

CONSULTANT RADIOLOGIST  
MD - RADIODIAGNOSIS, JNMCH, AMU

- CT Scan (96 Slice)
- 4D Ultrasound
- Color Doppler
- 2D Echo
- Spirometry
- Digital X-Ray
- Serology
- Biochemistry
- Cytology
- Histopathology
- Microbiology
- Video Bronchoscopy
- Semen Wash For IUI
- Complete Hematology
- PCR For Covid-19 (Truenat)

Page No: 1 of 1



Scanned with OKEN Scanner

# A Venture of Apple Cardiac Care

A-3, Ekta Nagar, Stadium Road,  
(Opp. Care Hospital),  
Bareilly - 243 122 (U.P.) India  
Tel. : 07599031977, 09458888448



**APPLE**  
**PATHOLOGY**  
TRUSTED RESULT

Reg.NO. : 52  
NAME : **Mr. AMIT NAYAL**  
REFERRED BY : Dr.Nitin Agarwal (D M)  
SAMPLE : BLOOD

DATE : **25/02/2024**  
AGE : 36 Yrs.  
SEX : MALE

<u>TEST NAME</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>BIOLOGICAL REF. RANGE</u>
<b>HAEMATOLOGY</b>			
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN	14.3	gm/dl	12.0-18.0
TOTAL LEUCOCYTE COUNT	6,700	/cumm	4,000-11,000
DIFFERENTIAL LEUCOCYTE COUNT(DLC)			
Neutrophils	70	%	40-75
Lymphocytes	28	%	20-45
Eosinophils	02	%	01-08
TOTAL R.B.C. COUNT	4.56	million/cumm	3.5-6.5
P.C.V./ Haematocrit value	48.6	%	35-54
M C V	83.6	fL	76-96
M C H	29.6	pg	27.00-32.00
M C H C	32.6	g/dl	30.50-34.50
PLATELET COUNT	1.75	lacs/mm <sup>3</sup>	1.50 - 4.50
<b>BLOOD GROUP</b>			
Blood Group	B		
Rh	POSITIVE		
E.S.R (WINTROBE METHOD)			
-in First hour	11	mm	00 - 15



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 AGE : 36 Yrs.  
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<u>TEST NAME</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>BIOLOGICAL REF. RANGE</u>
GLYCOSYLATED HAEMOGLOBIN(HBA1C)	5.7		

**EXPECTED RESULTS :**

Non diabetic patients	: 4.0% to 6.0%
Good Control	: 6.0% to 7.0%
Fair Control	: 7.0% to -8%
Poor Control	: Above 8%

**\*ADA: American Diabetes Association**

The glycosylated hemoglobin assay has been validated as a reliable indicator of mean blood glucose levels for a period of 8-12 week period prior to HBA1C determination. ADA recommends the testing twice a year in patients with stable blood glucose, and quarterly, if treatment changes, or if blood glucose levels are unstable.

METHOD : ADVANCED IMMUNO ASSAY.

**BIOCHEMISTRY**

BLOOD SUGAR F.	93	mg/dl	60-100
BLOOD UREA NITROGEN	23	mg/dL.	5 - 25
SERUM CREATININE	1.0	mg/dL.	0.5-1.4
URIC ACID	7.1	mg/dl	3.5-8.0

**CLINICAL SIGNIFICANCE:**

Analysis of synovial fluid plays a major role in the diagnosis of joint disease.

Apple Cardiac Care  
 Dr. Nitin Agarwal, Stadium Road,  
 Apple Cardiac Care Hospital,  
 Plot No. - 243/122 (U.P.) India  
 Phone : 07599031977, 09458888448



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DATE : **25/02/2024**  
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 SEX : MALE

<u>TEST NAME</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>BIOLOGICAL REF. RANGE</u>
<b>LIVER PROFILE</b>			
<b>SERUM BILIRUBIN</b>			
TOTAL	0.7	mg/dL	0.3-1.2
DIRECT	0.4	mg/dL	0.2-0.6
INDIRECT	0.3	mg/dL	0.1-0.4
<b>SERUM PROTEINS</b>			
Total Proteins	7.6	Gm/dL	6.4 - 8.3
Albumin	4.8	Gm/dL	3.5 - 5.5
Globulin	2.8	Gm/dL	2.3 - 3.5
A : G Ratio	1.71		0.0-2.0
SGOT	<b>89</b>	IU/L	0-40
SGPT	<b>118</b>	IU/L	0-40
SERUM ALK.PHOSPHATASE	106	IU/L	00-115

**NORMAL RANGE : BILIRUBIN TOTAL**

Premature infants, 0 to 1 day: <8 mg/dL      Premature infants, 1 to 2 days: <12 mg/dL      Adults: 0.3-1 mg/dL.  
 Premature infants, 3 to 5 days: <16 mg/dL      Neonates, 0 to 1 day: 1.4-8.7 mg/dL  
 Neonates, 1 to 2 days: 3.4-11.5 mg/dL      Neonates, 3 to 5 days: 1.5-12 mg/dL      Children 6 days to 18 years: 0.3-1.2 mg/dL

**COMMENTS--**

Total and direct bilirubin determination in serum is used for the diagnosis, differentiation and follow -up of jaundice. Elevation of SGPT is found in liver and kidney diseases such as infectious or toxic hepatitis, IM and cirrhosis. Organs rich in SGOT are heart, liver and skeletal muscles. When any of these organs are damaged, the serum SGOT level rises in proportion to the severity of damage. Elevation of Alkaline Phosphatase in serum or plasma is found in hepatitis, biliary obstructions, hyperparathyroidism, steatorrhea and bone diseases.

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DATE : **25/02/2024**  
 AGE : 36 Yrs.  
 SEX : MALE

<u>TEST NAME</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>BIOLOGICAL REF. RANGE</u>
<b>LIPID PROFILE</b>			
SERUM CHOLESTEROL	<b>283</b>	mg/dL.	130 - 200
SERUM TRIGLYCERIDE	<b>259</b>	mg/dl.	30 - 160
HDL CHOLESTEROL	47	mg/dL.	30-70
VLDL CHOLESTEROL	<b>51.8</b>	mg/dL.	15 - 40
LDL CHOLESTEROL	<b>184.20</b>	mg/dL.	00-130
CHOL/HDL CHOLESTEROL RATIO	<b>6.02</b>	mg/dl	0-4
LDL/HDL CHOLESTEROL RATIO	<b>3.92</b>	mg/dl	0-3

**INTERPRETATION**

TRIGLYCERIDE level > 250mg/dL is associated with an approximately 2-fold greater risk of coronary vascular disease. Elevation of triglycerides can be seen with obesity, medication, fast less than 12 hrs., alcohol intake, diabetes melitus,and pancreatitis. CHOLESTEROL, its fractions and triglycerides are the important plasma lipids indefining cardiovascular risk factors and in the managment of cardiovascular disease.Highest acceptable and optimum values of cholesterol values of cholesterol vary with age. Values above 220 mgm/dl are associated with increased risk of CHD regardless of HDL & LDL values. HDL-CHOLESTEROL level <35 mg/dL is associated with an increased risk of coronary vascular disease even in the face of desirable levels of cholesterol and LDL - cholesterol. LDL - CHOLESTEROL& TOTAL CHOLESTEROL levels can be strikingly altered by thyroid, renal and liver disease as well as hereditary factors.Based on total cholesterol, LDL- cholesterol, and total cholesterol/HDL - cholesterol ratio, patients may be divided into the three risk categories.

Gamma Glutamyl Transferase (GGT)	23	U/L	7-32
BLOOD SUGAR P.P.	141	mg/dl	80-160

**URINE EXAMINATION**



of Apple Cardiac Care  
 Nagar, Stadium Road,  
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 - 243 122 (U.P.) India  
 .07599031977, 09458888448



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DATE : **25/02/2024**  
 AGE : 36 Yrs.  
 SEX : MALE

<u>TEST NAME</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>BIOLOGICAL REF. RANGE</u>
<b>URINE EXAMINATION REPORT</b>			
<b>PHYSICAL EXAMINATION</b>			
pH	6.0		
<b>TRANSPARENCY</b>			
Volume	20	ml	
Colour	Light Yellow		
Appearance	Clear		Nil
Sediments	Nil		
Specific Gravity	1.020		1.015-1.025
Reaction	Acidic		
<b>BIOCHEMICAL EXAMINATION</b>			
UROBILINOGEN	Nil		NIL
BILIRUBIN	Nil		NEGATIVE
URINE KETONE	Nil		NEGATIVE
Sugar	Nil		Nil
Albumin	NIL		Nil
Phosphates	Absent		Nil
<b>MICROSCOPIC EXAMINATION</b>			
Red Blood Cells	Nil	/H.P.F.	
Pus Cells	1-2	/H.P.F.	
Epithelial Cells	1-2	/H.P.F.	
Crystals	NIL		NIL
Casts	Nil	/H.P.F.	
<b>DEPOSITS</b>			
Bacteria	NIL		
Other	NIL		







4385 / MR. AMIT NAYAL / 36 Yrs / M / 169 Cms / 85 Kg Date: 24-Feb-2024 Refd By : NITIN AGARWAL (DM) Examined By: DR . NITIN AGARWAL

Stage	Time	Duration	Speed(mph)	Elevation	METs	Rate	% THR	BP	RPP	PVC	Comments
Supine	00:04	0:04	00.0	00.0	01.0	095	52 %	120/70	114	00	
Standing	00:21	0:17	00.0	00.0	01.0	092	50 %	120/70	110	00	
HV	00:39	0:18	00.0	00.0	01.0	097	53 %	120/70	116	00	
ExStart	01:14	0:35	00.0	00.0	01.0	088	48 %	120/70	105	00	
BRUCE Stage 1	04:14	3:00	01.7	10.0	04.7	120	65 %	125/75	150	00	
BRUCE Stage 2	07:14	3:00	02.5	12.0	07.1	150	82 %	128/78	192	00	
BRUCE Stage 3	10:14	3:00	03.4	14.0	10.2	176	96 %	130/80	228	00	
PeakEx	10:47	0:33	04.2	16.0	10.8	183	99 %	130/80	237	00	
Recovery	11:17	0:30	00.0	00.0	07.3	171	93 %	130/80	222	00	
Recovery	11:47	1:00	00.0	00.0	04.3	150	82 %	130/80	195	00	
Recovery	12:47	2:00	00.0	00.0	01.0	126	68 %	128/78	161	00	
Recovery	13:23	2:36	00.0	00.0	01.0	126	68 %	128/78	161	00	

**FINDINGS :**

Exercise Time : 09:33  
 Max HR Attained : 183 bpm 99% of Target 184  
 Max BP Attained : 130/80  
 Max WorkLoad Attained : 10.8 Good response to induced stress  
 Test End Reasons : Test Complete, Heart Rate Achieved, Test Complete, heart Rate Acheived

**REPORT** This is Sample Report 3

Heart Rate 92.0 bpm  
 Systolic BP 130.0 mmHg  
 Diastolic BP 80.0 mmHg  
 Maximum Depression 0.3  
 Exercise Time 09:33 Mins.  
 Ectopic Beats 0.0

डॉ. नितिन अग्रवाल  
 नितिन अग्रवाल  
 (DM)

Doctor : DR. NITIN AGARWAL (DM)



4385 / MR. AMIT NAYAL / 36 Yrs / M / 169 Cms / 85 Kg / HR : 95

Date: 24-Feb-2024 12:51:56 PM METS: 1.0/ 95 bpm 52% of THR BP: 120/70 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 0.0 mph, 0.0%

25 mm/Sec. 1.0 Cm/mV

4X 90 ms Post J



REMARKS:



Date: 24-Feb-2024 12:51:56 PM

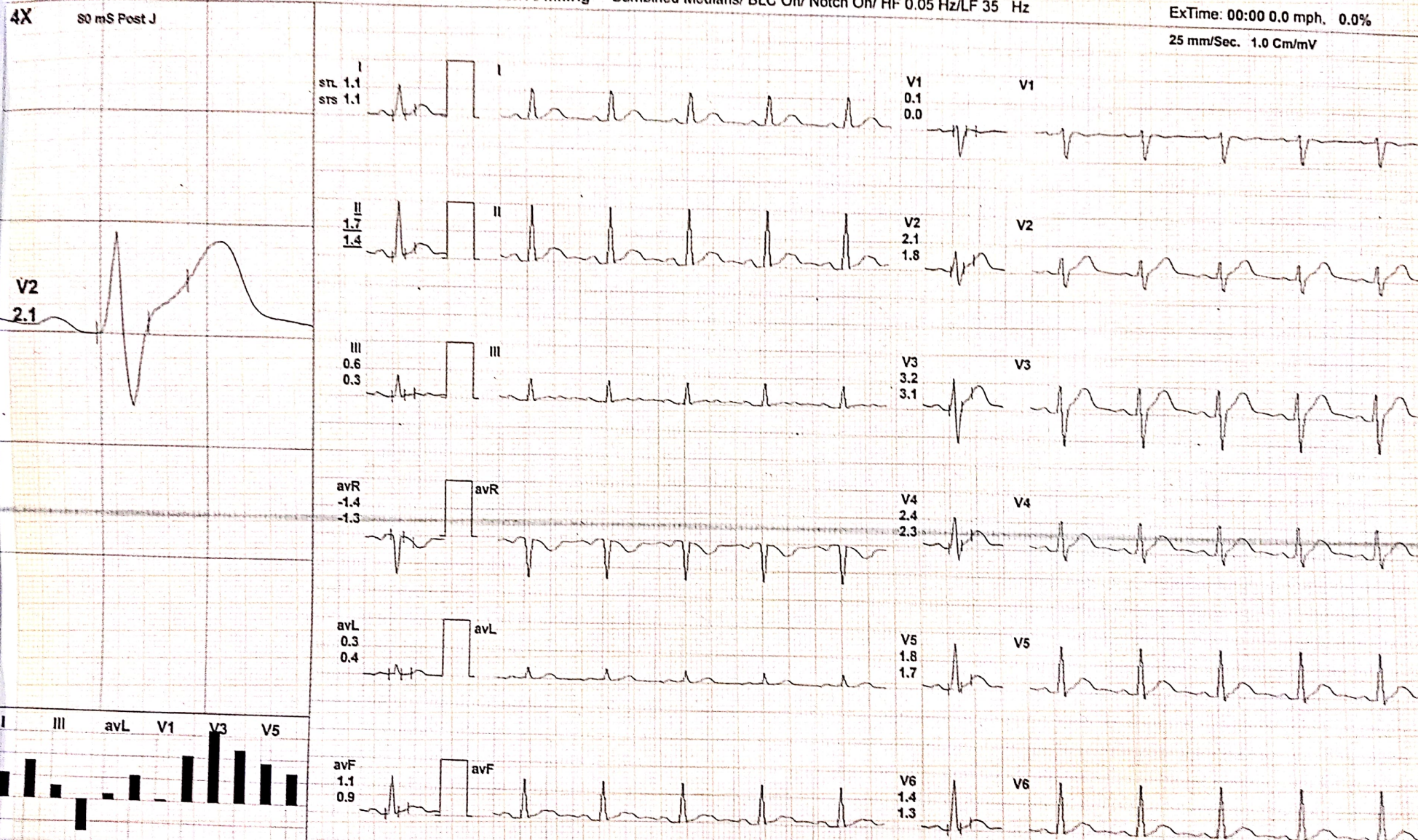
METS: 1.0/ 92 bpm 50% of THR

BP: 120/70 mmHg

Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 0.0 mph, 0.0%

25 mm/Sec. 1.0 Cm/mV

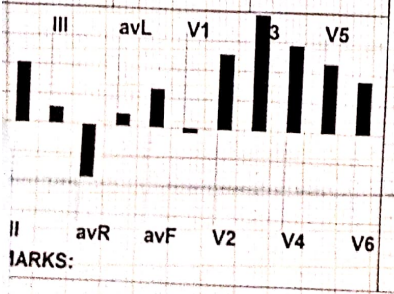
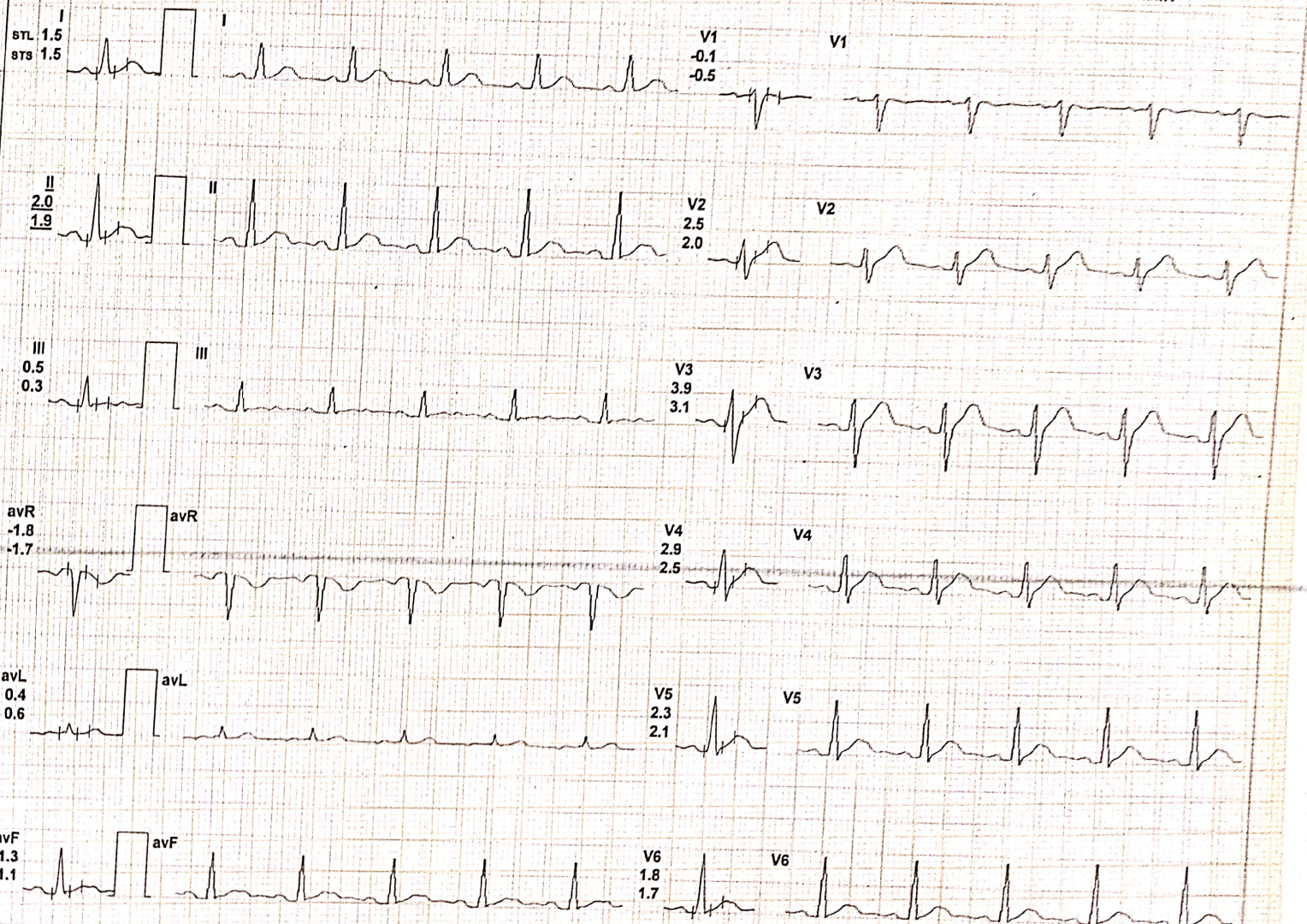
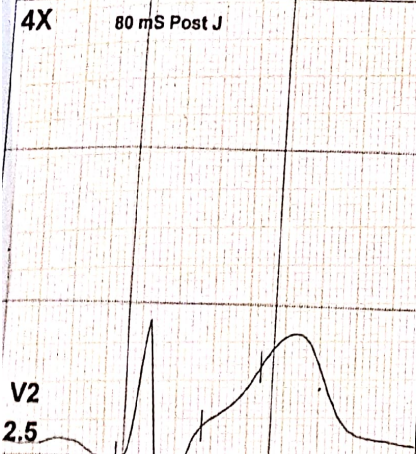


REMARKS:



Date: 24-Feb-2024 12:51:56 PM METS: 1.0/ 97 bpm 53% of THR BP: 120/70 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 0.0 mph, 0.0%  
25 mm/Sec. 1.0 Cm/mV



# APPLE CARDIAC CARE

4385 / MR. AMIT NAYAL / 36 Yrs / M / 169 Cms / 85 Kg / HR : 88

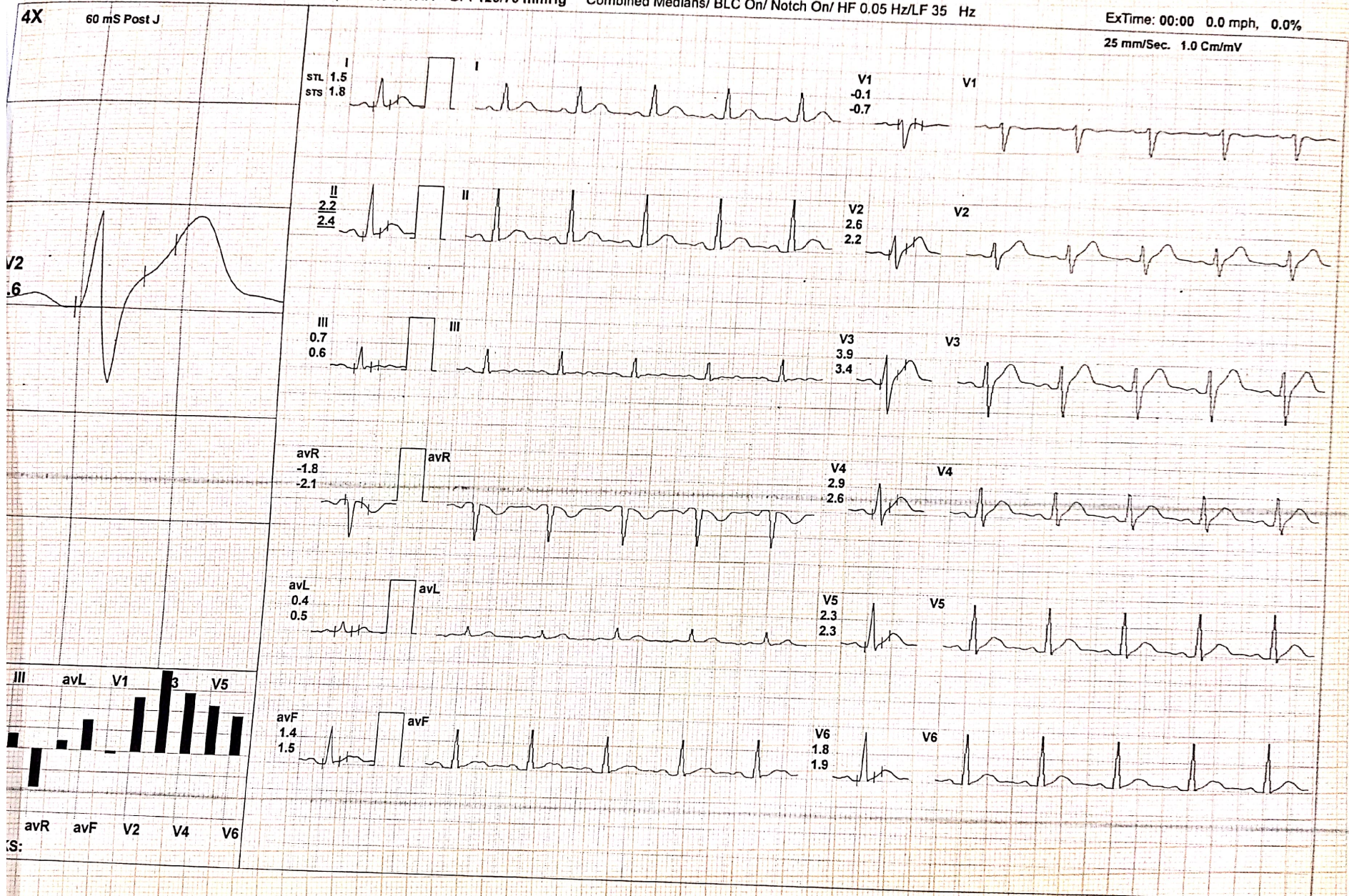
ExStrt



Date: 24-Feb-2024 12:51:56 PM METS: 1.0/ 88 bpm 48% of THR BP: 120/70 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 0.0 mph, 0.0%

25 mm/Sec. 1.0 Cm/mV



(ADX\_GEM216201125)(A)Allengers

# APPLE CARDIAC CARE

4385 / MR. AMIT NAYAL / 36 Yrs / M / 169 Cms / 85 Kg / HR : 120

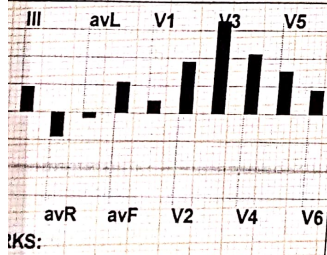
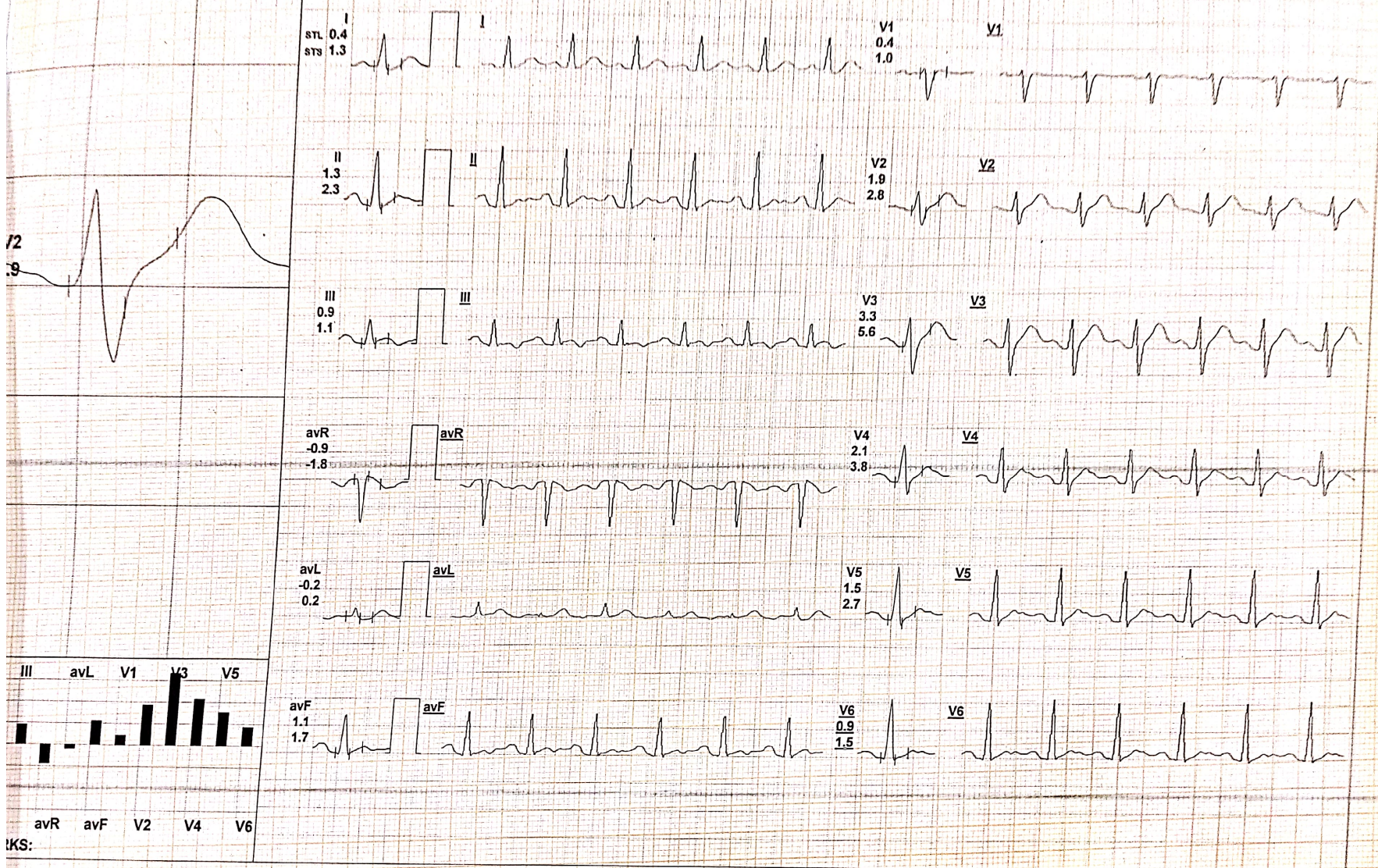
BRUCE : Stage 1 ( 03:00 )

*[Handwritten Signature]*

Date: 24-Feb-2024 12:51:56 PM METS: 4.7/ 120 bpm 65% of THR BP: 126/75 mmHg Combined Mediana/ DLG On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 03:00 1.7 mph, 10.0%  
26 mm/Sec, 1.0 Cm/mV

4X 80 mS Post J



(ADX\_GEM216201125)(A)Allengers



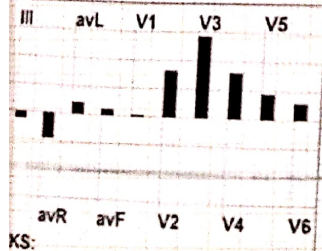
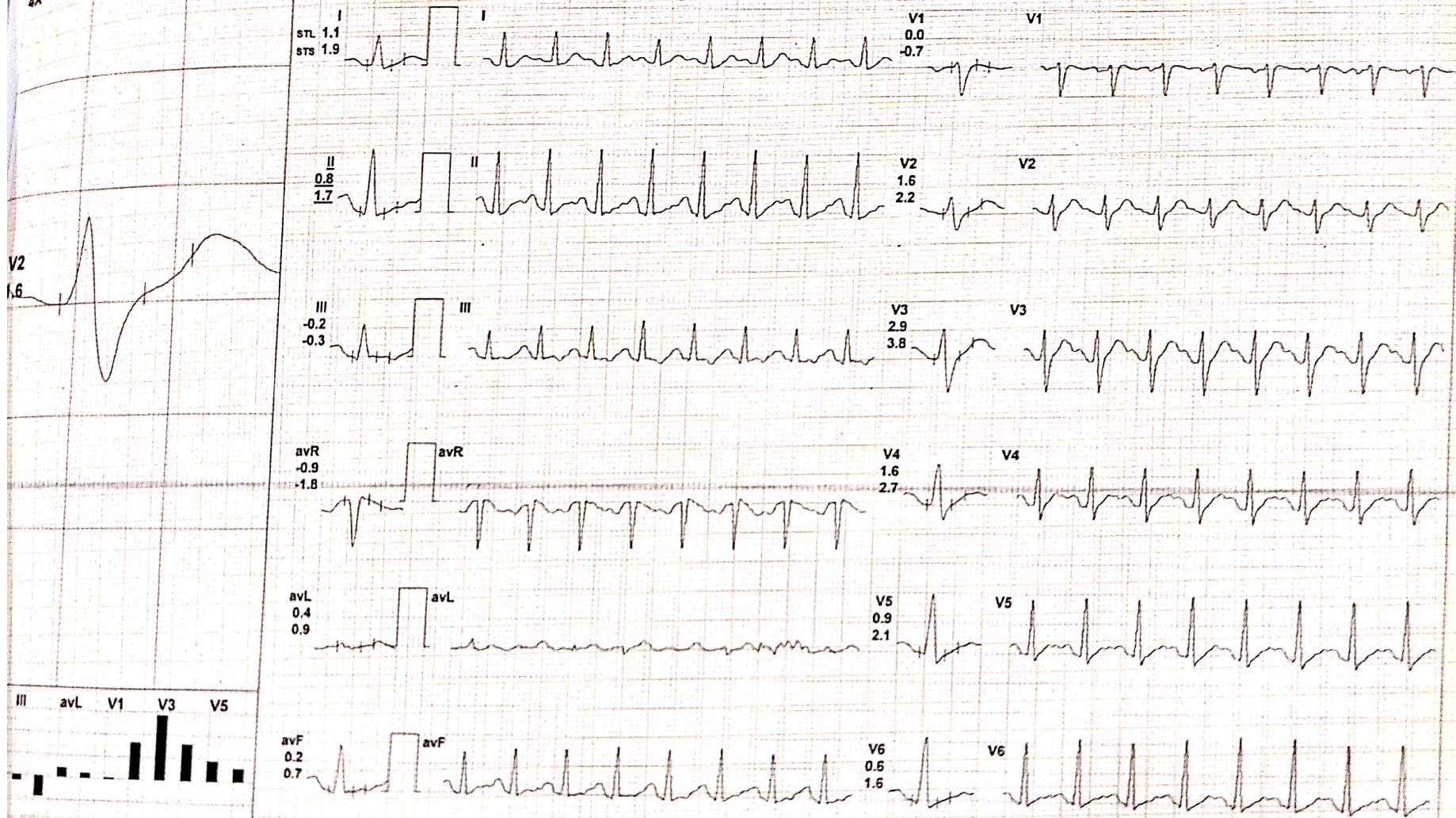
Date: 24-Feb-2024 12:51:56 PM

METS: 7.1/ 150 bpm 82% of THR BP: 128/78 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 06:00 2.5 mph, 12.0%

25 mm/Sec. 1.0 Cm/mV

4X 60 mS Post J



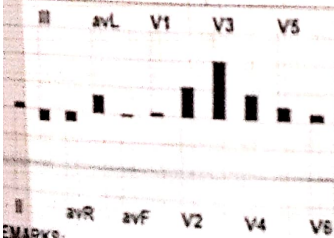
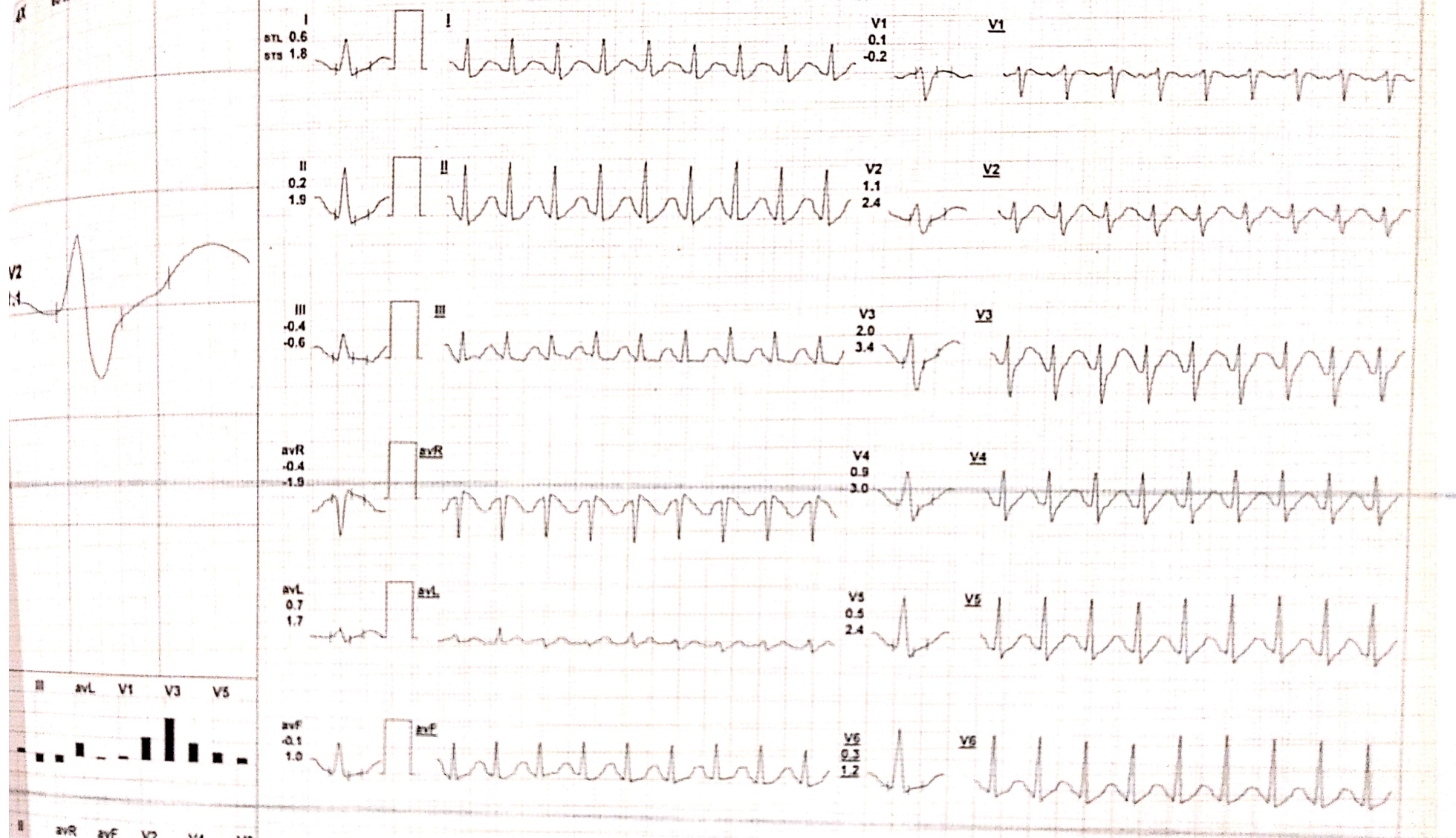


Date: 24-Feb-2024 12:51:56 PM  
4X 10 mS Post J

METS: 10.2/ 176 bpm 96% of THR BP: 130/80 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 09:00 3.4 mph, 14.0%

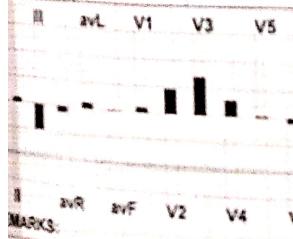
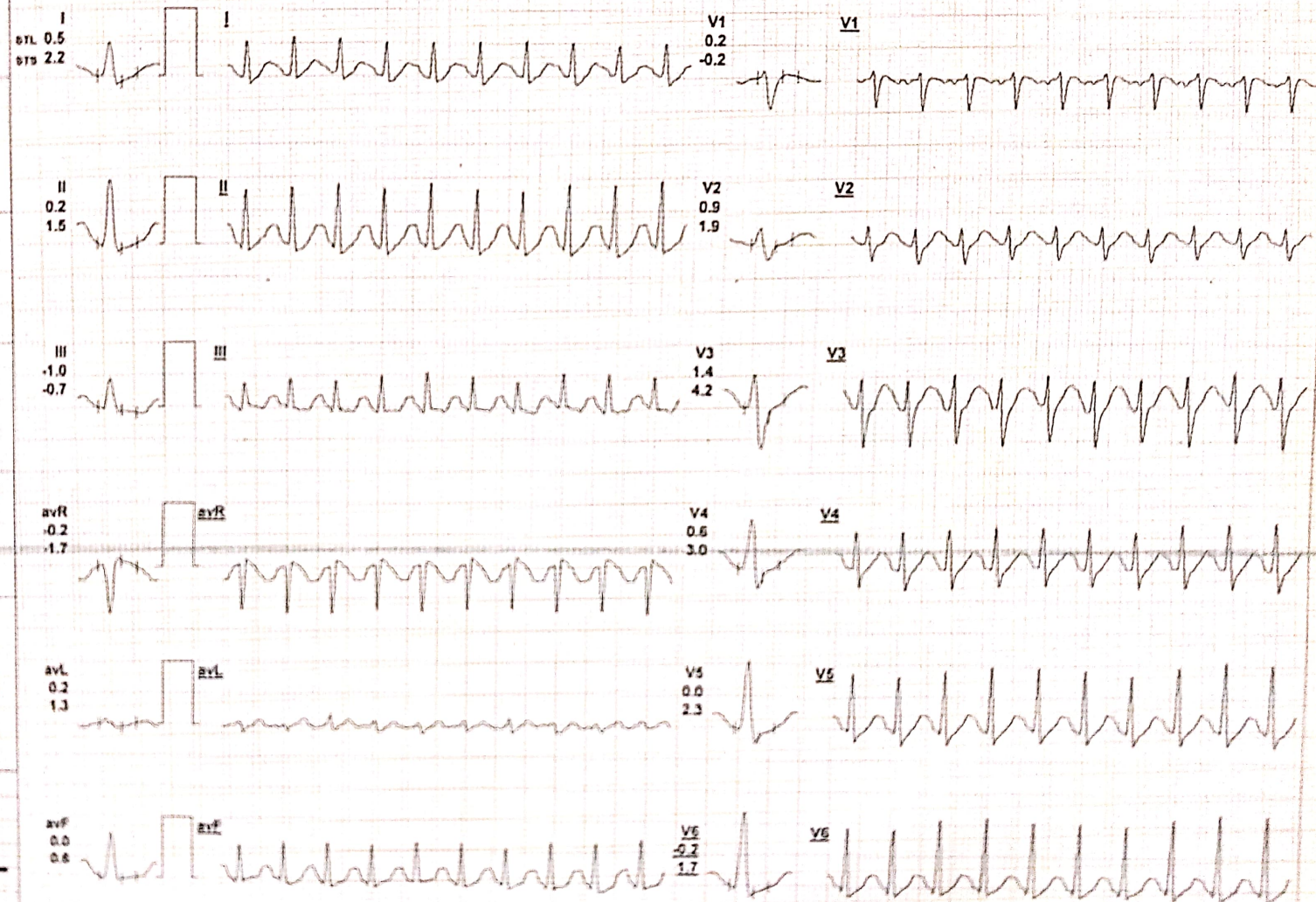
25 mm/Sec. 1.0 Cm/mV



REMARKS:



60 mS Post J

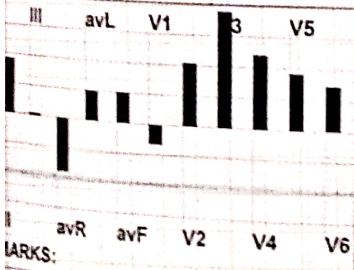
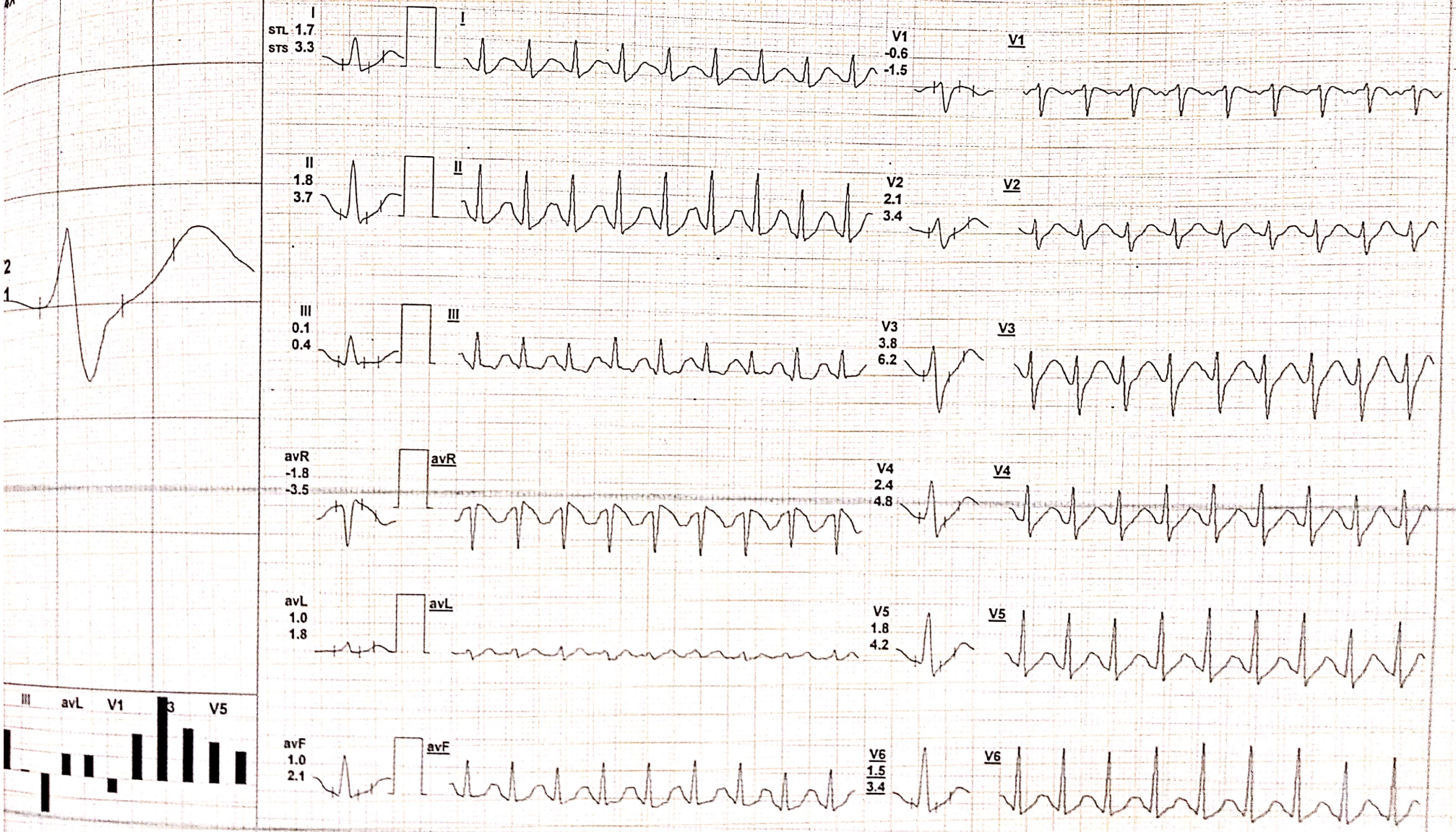


Date: 24-Feb-2024 12:51:56 PM  
60 mS Post J

METS: 7.2/ 171 bpm 93% of THR BP: 130/80 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

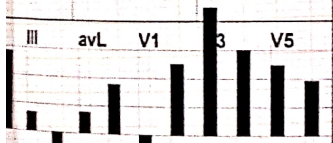
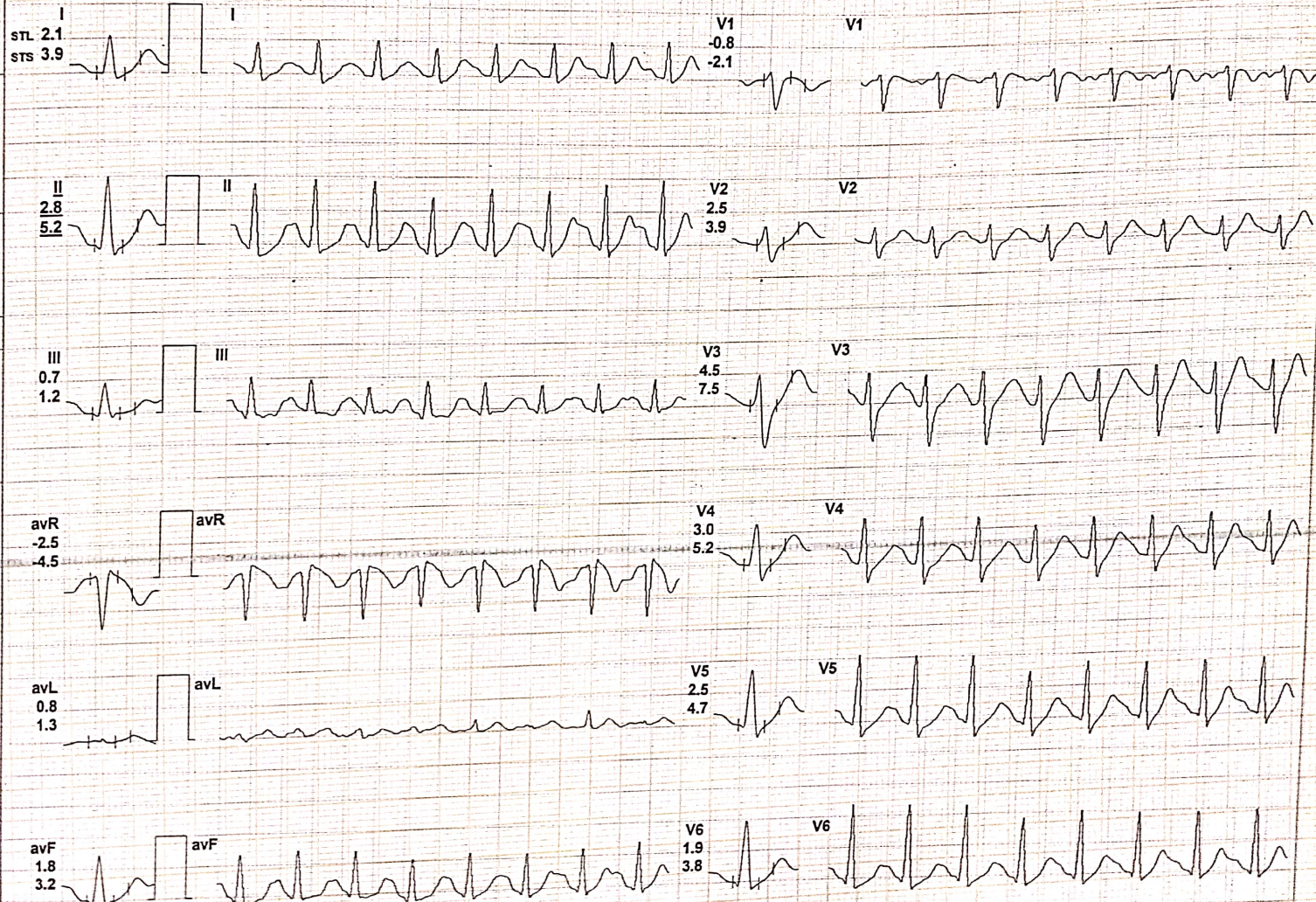
ExTime: 09:33 0.0 mph, 0.0%

25 mm/Sec. 1.0 Cm/mV

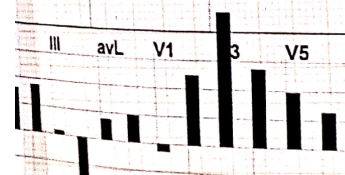
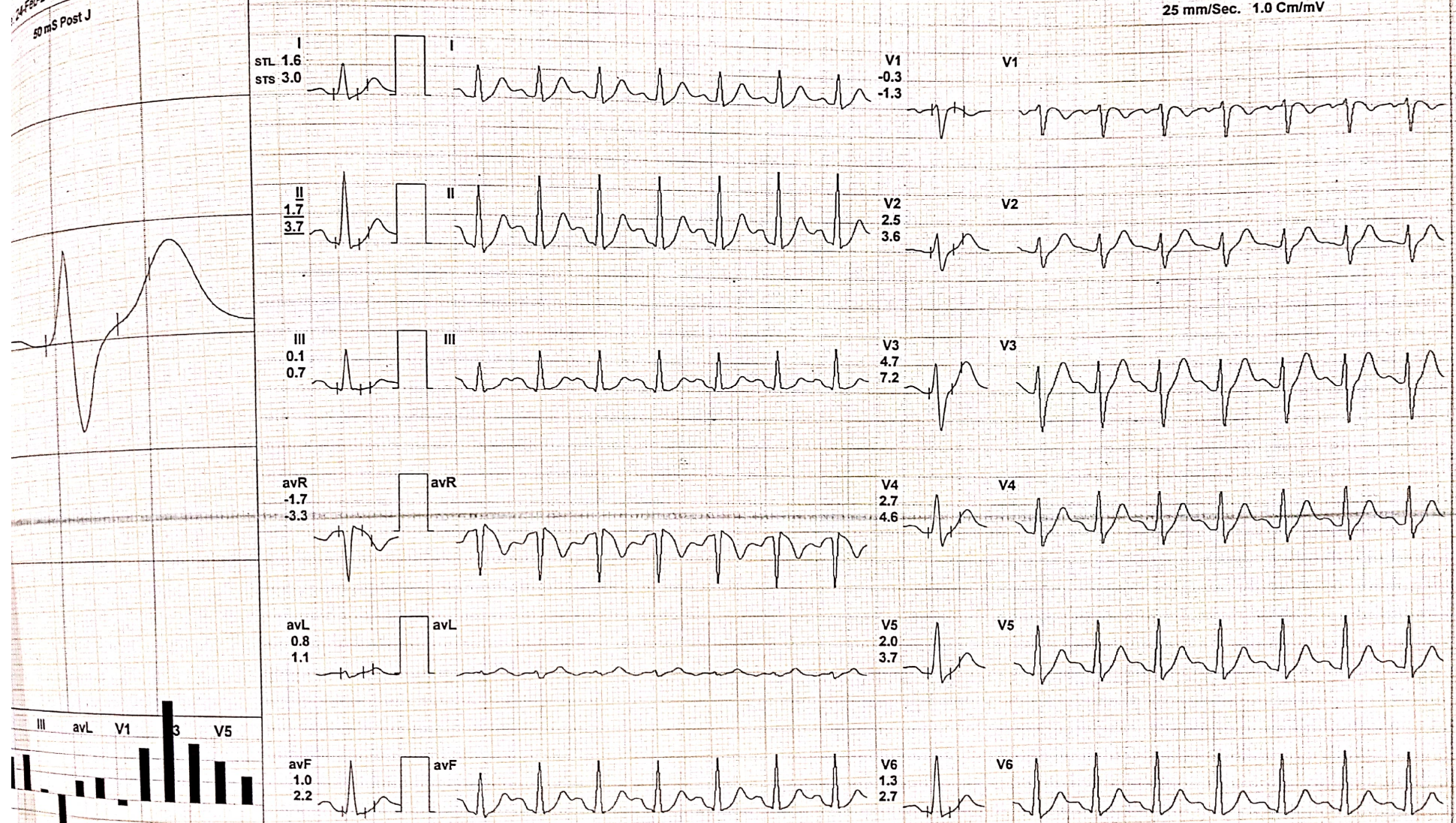




60 mS Post J



MARKS: avR avF V2 V4 V6



REMARKS:

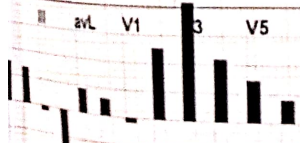
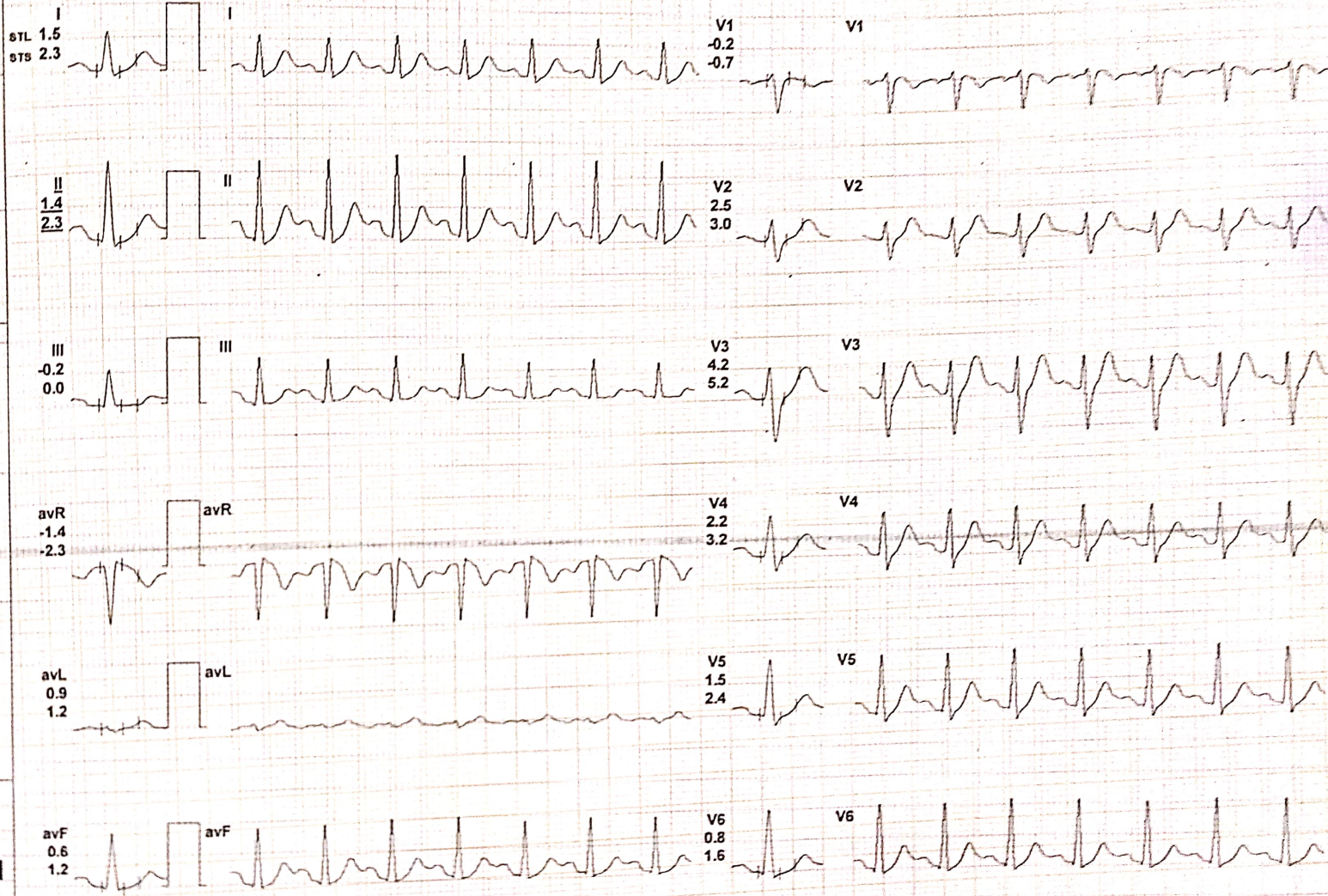


36 Yrs / M / 169 Cms / 85 Kg / HR 126

METS: 1.0/ 126 bpm 68% of THR BP: 128/78 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 09:33 0.0 mph, 0.0%  
25 mm/Sec. 1.0 Cm/mV

12:51:56 PM  
80ms Post J



EMARKS: avR avF V2 V4 V6