

17/02/2024

Pradeep Kumar
38 yrs male

No fresh complaints
No comorbidities
No PH
No SH

Ht - 172 cm
wt - 80 kg

BMI - 27 kg/m²
(Overweight)

FH - mother - HTN, DM
father - HTN

Allergic to
Amoxicline

BP - 130/80 mmHg
P - 56/min
SpO₂ - 98%

It is fit and resume his
normal duties.




ID: 917 Pradeep Kumar

17-02-2024 08:28:20 AM

Diagnosis Information:
Sinus Bradycardia

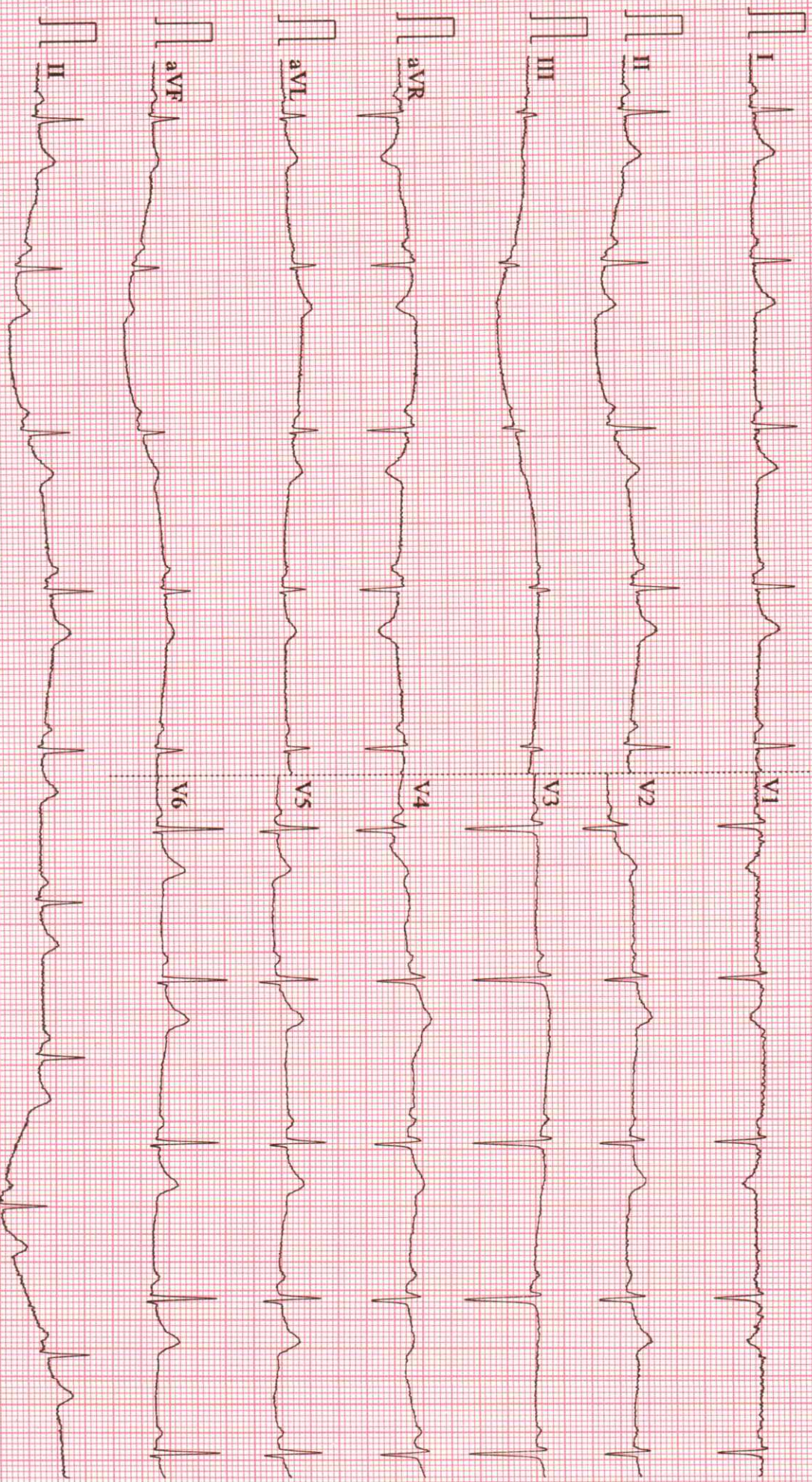
male Years 38
Req. No. :

BP: 130/80
PR: 56
SpO2: 98

HR : 55 bpm
P : 101 ms
PR : 158 ms
QRS : 81 ms
QT/QTcBz : 431/413 ms
P/QRS/T : 43/24/15 °
RV5/SV1 : 0.742/0.765 mV

Report Confirmed by:

Pradeep Kumar
Sins
178





Name - Mr. Pradeep Kumar	Age - 38 Y/M
Ref by Dr.- Siddhivinayak Hospital	Date - 17/02/2024

X- Ray chest (PA VIEW)

No obvious active parenchymal lesion seen in both lungs.

Cardiac and aortic shadows appear normal

No evidence of pleural of effusion is seen.

Both domes of diaphragm appear normal.

No obvious bony lesion is seen.

IMPRESSION:

- No significant abnormality seen.

Adv.: Clinical and lab correlation.

DR. AMOL BENDRE
MBBS; DMRE
CONSULTANT RADIOLOGIST

Note: The above report represents interpretation of various radiographic / sonographic shadows, and hence has its own limitations. This report has to be co-related clinic-pathologically by the referring / physician and it does NOT represent the sole diagnosis.





Name - Mr. Pradeep Kumar	Age - Y/M
Ref by Dr.- Siddhivinayak Hospital	Date - 17/02/2024

USG ABDOMEN & PELVIS

FINDINGS: -

The **liver** dimension is normal in size (14.8 cm). It appears normal in morphology with **raised echogenicity**. No evidence of intrahepatic ductal dilatation.

The **GB**-gallbladder is distended normally. Wall thickness is normal.

The **CBD**- common bile duct is normal. The portal vein is normal.

The **pancreas** appears normal in morphology.

The **spleen** is normal in (size 11.2 cm) and morphology.

Both **kidneys** demonstrate normal morphology.

Both kidneys show normal cortical echogenicity.

The right kidney measures 9.4 x 4.1 cm.

The left kidney measures 10.0 x 5.2 cm.

Urinary bladder: -normally distended. Wall thickness – normal.

Prostate is normal in size and morphology Size: 24.7 gms

No **free fluid** is seen.

IMPRESSION:-

- Fatty liver (Grade I)

DR. AMOL BENDRE
MBBS; DMRE
CONSULTANT RADIOLOGIST



OPHTHAL CHECK UP SCREENING

NAME OF EMPLOYEE PRADEEP KUMAR

AGE 38 DATE - 17.02.2024

Specs : Without Glasses

	RT Eye	Lt Eye
NEAR	N/6	N/6
DISTANT	6/6	6/6
Color Blind Test	NORMAL	



SIDDHIVINAYAK HOSPITALS



Summary

Ref. By : DR ANANT MUNDE Protocol : BRUCE

Objective :

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606
388/PRADEEP KUMAR 38 Yrs/Male 80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METS	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	85	130/80	0	-	
Standing					1.0	86	130/80	111	-	
HV					1.0	91	130/80	118	-	
ExStart					1.0	83	130/80	107	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	100	130/80	130	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	125	132/82	165	-	
Stage 3	3:01	9:02	3.4	14.0	10.2	153	134/84	205	-	
PeakX	1:00	10:01	4.2	16.0	11.3	167	136/86	227	-	
Recovery	1:00		0.0	0.0	4.2	142	136/86	193	-	
Recovery	2:00		0.0	0.0	1.0	119	136/86	161	-	
Recovery	3:00		0.0	0.0	1.0	111	134/84	148	-	
Recovery	4:00		0.0	0.0	1.0	101	130/80	131	-	

Medication :

History :

Test End Reason :

Findings :

The patient exercised according to BRUCE for 10:0, achieving a work level of Max METS:11.3. Resting heart rate initially 85 bpm, rose to a max. heart rate of 167 bpm which represents 92% of maximum age predicted heart rate. Resting blood pressure 0/0 mmhg, rose to a maximum blood pressure of 136/86 mmhg. The exercise stress test was stopped due to

Parameters :

Exercise Time :10:00
Max HR Attained :167 bpm 92% of Max Predictable HR 182
Max BP : 136/86(mmHg)
Max Workload attained :11.3(Good Effort Tolerance)

Advice/Comments:

The test is Negative for inducible ischemia

Dr. Anant R. Akishanrao Munde
MBBS, DNB, DM (Cardiology)
Reg. No. 2005021228



12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

HR: 101 bpm
METS: 1.0
BP: 130/80

AMHR: 55% of 182
Speed: 0.0 mph
Grade: 0.0%

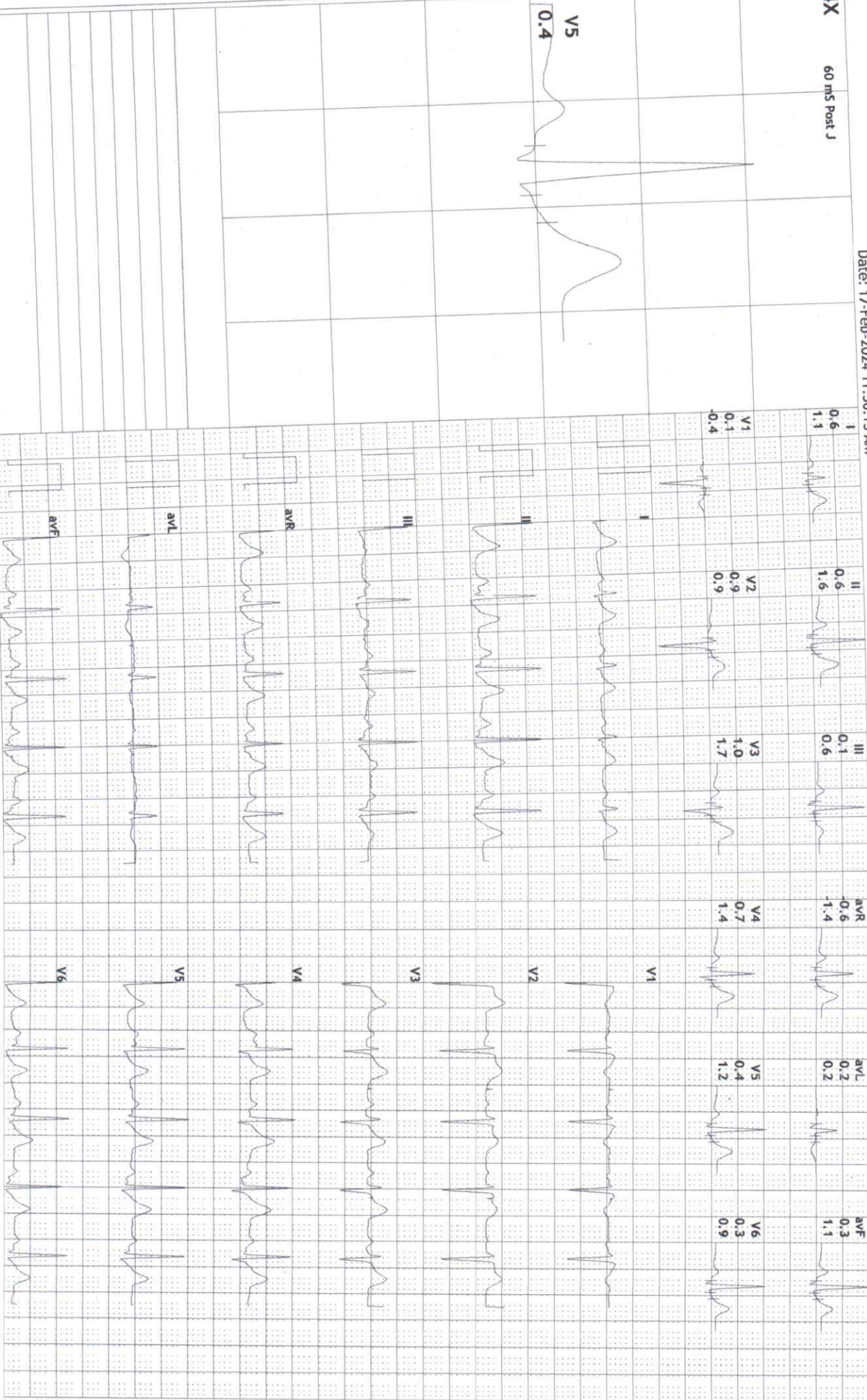
Raw ECG
BRUCE
(1.0-100)HZ

Ex Time 10:00
BLC :On
Notch:On
Recovery(4:00)
10.0 mm/mV
25 mm/Sec.

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606

4X 60 ms Post J

V5
0.4





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

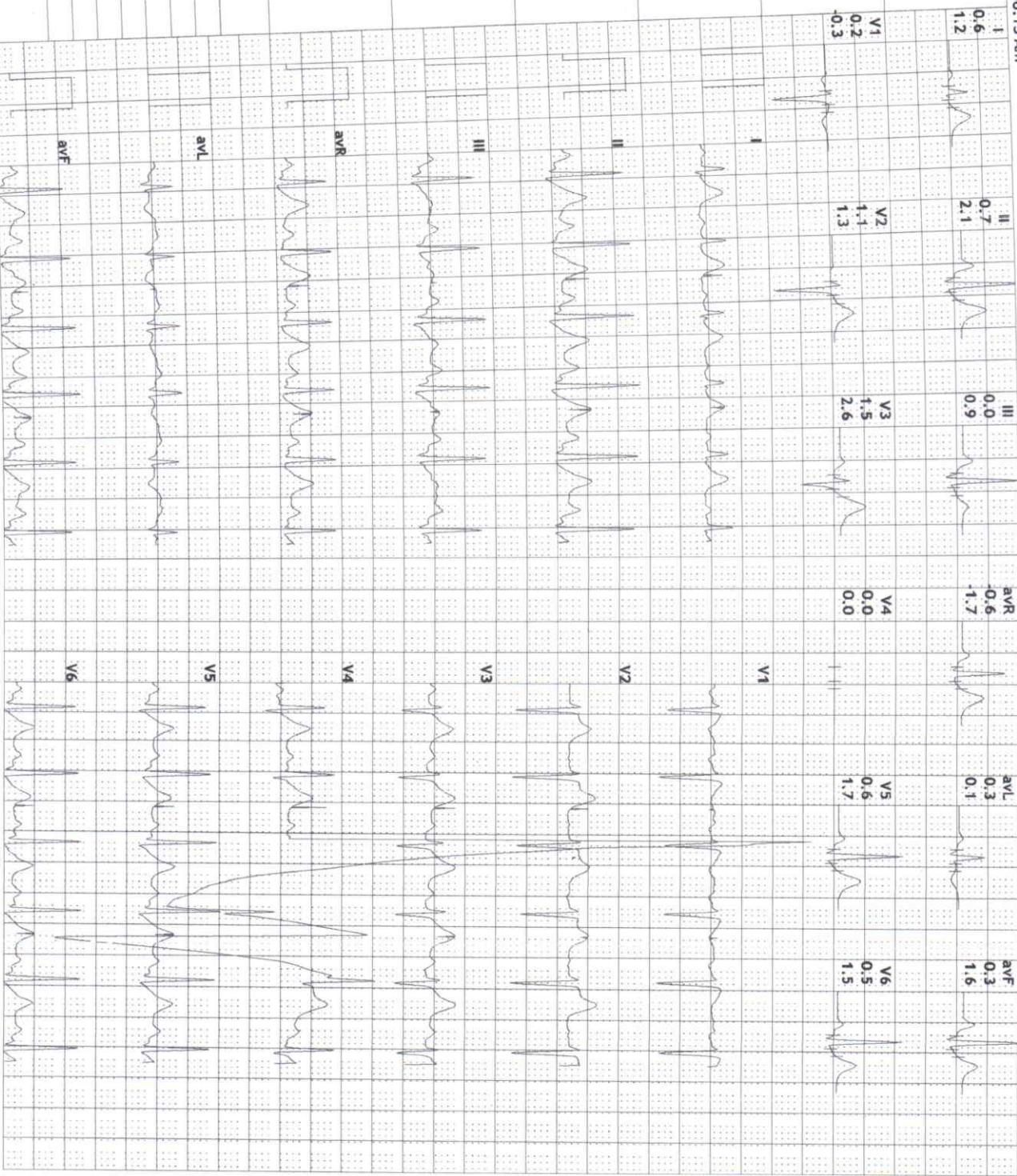
HR: 111 bpm
METS: 1.0
BP: 134/84

MPHR: 60% of 182
Speed: 0.0 mph
Grade: 0.0%

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THANA(E)-400606
Raw ECG
BRUCE
(1.0-100)Hz
Ex Time 10:00
BLC :On
Notch :On
Recovery(3:00)
10.0 mm/mV
25 mm/Sec.

4X 60 MS Post J

V5
0.6





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

HR: 119 bpm
METs: 1.0
BP: 136/86

MPHR: 65% of 182
Speed: 0.0 mph
Grade: 0.0%

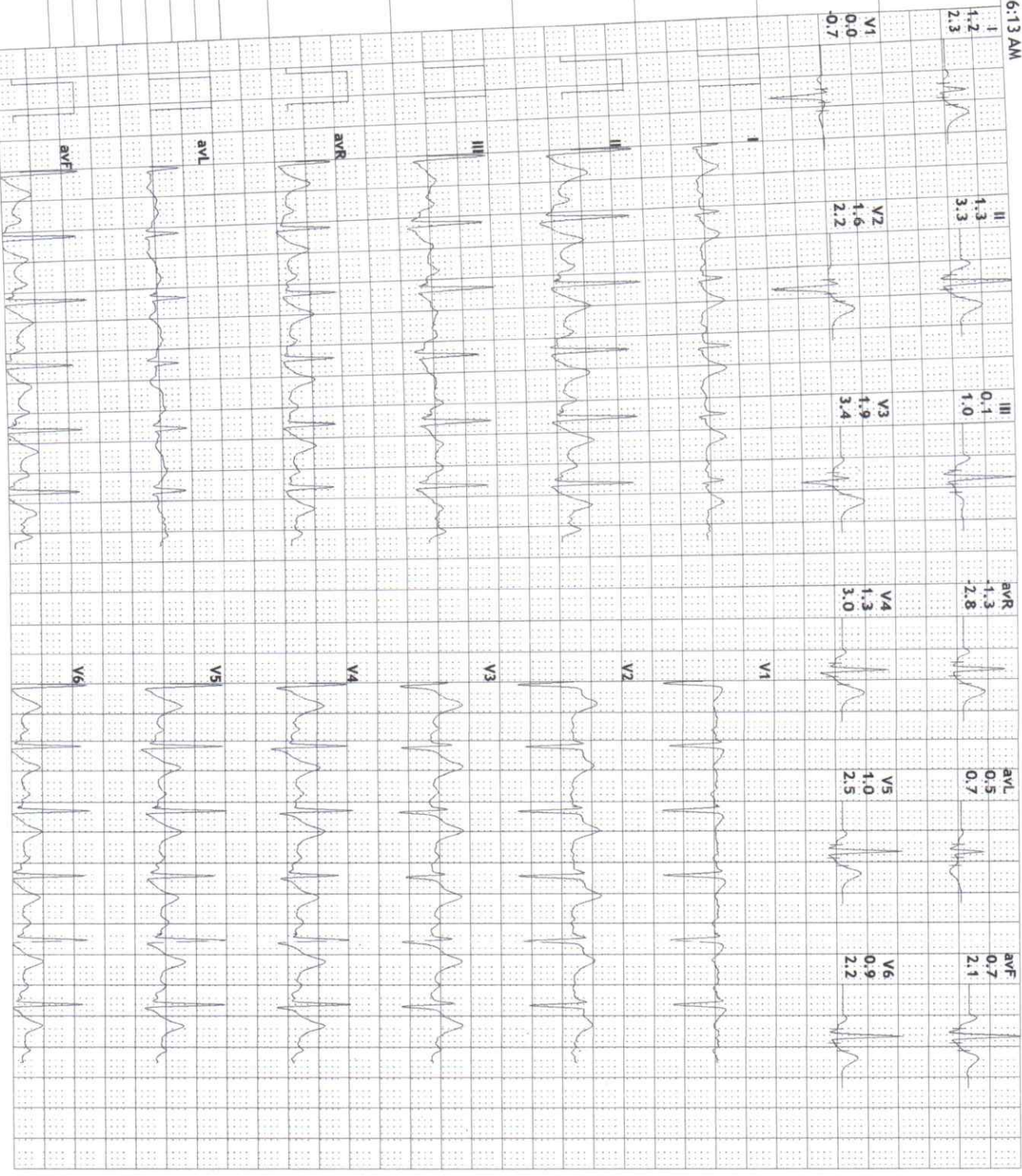
Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 10:00
BLC : On
Notch : On
Recovery(2:00)
10.0 mm/mv
25 mm/Sec.

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606

4X 60 mS Post J

V5 1.0





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

HR: 143 bpm
METS: 4.3
BP: 136/86

MPHR: 78% of 182
Speed: 1.1 mph
Grade: 0.0%

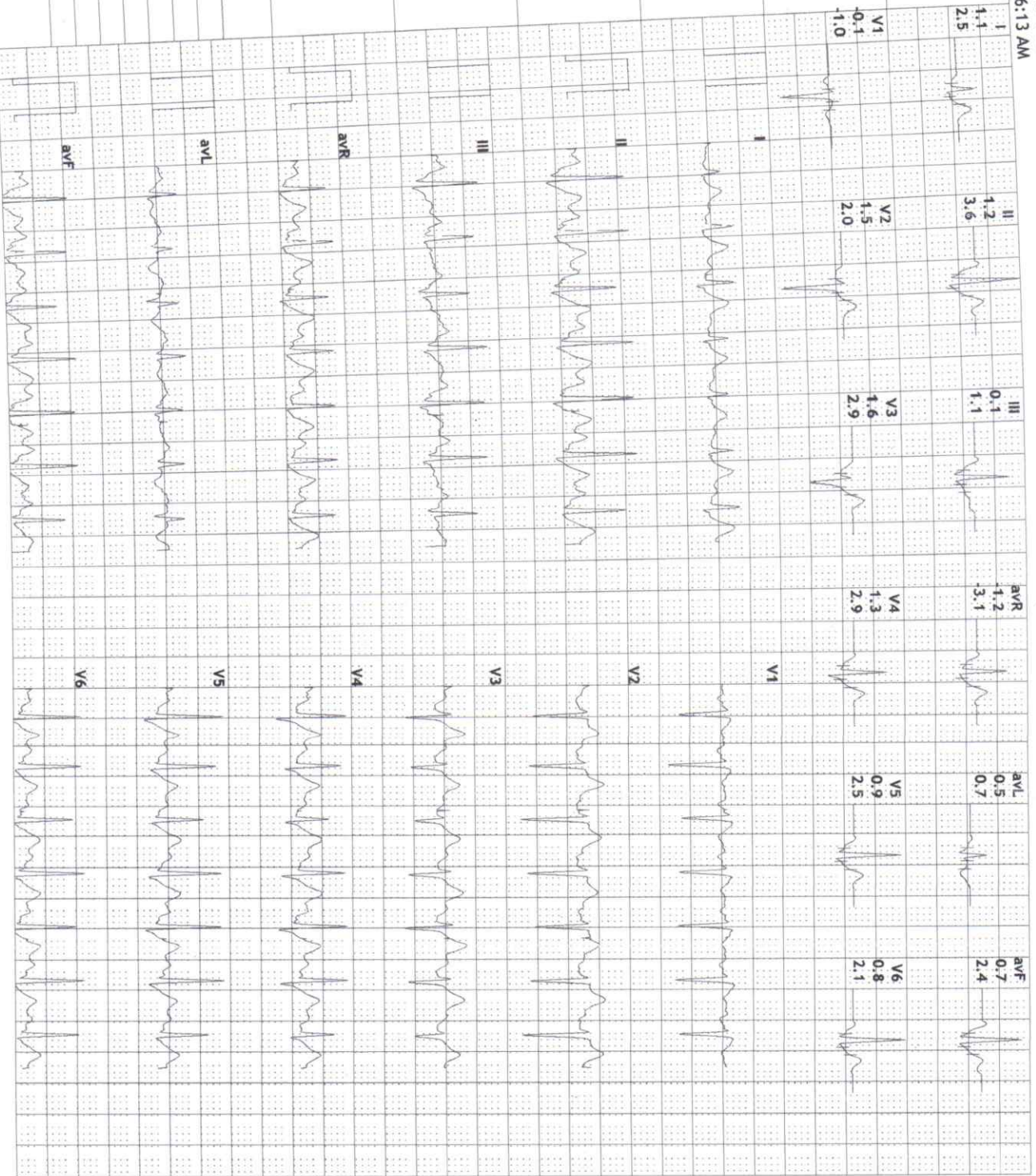
SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606

Raw ECG
BRUCE
(1.0-100)HZ

Ex Time 10:00
BLC : On
Notch : On
Recovery(1:00)
10.0 mm/mV
25 mm/Sec.

4X 60 ms Post J

V5 0.9





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

MPHR:91% of 182
Speed: 4.2 mph
Grade: 16.0%

Raw ECG
BRUCE
(1.0-100)HZ

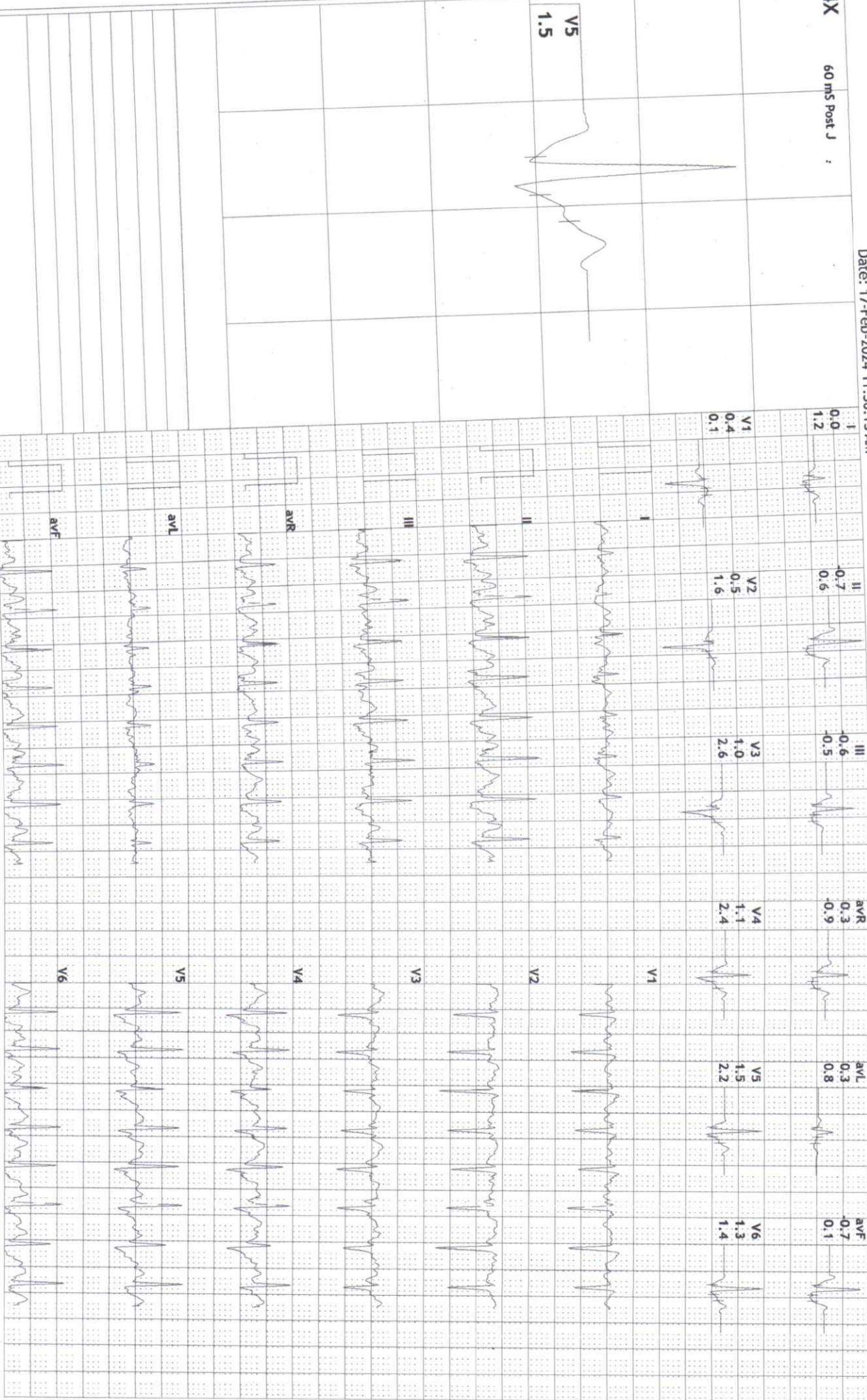
Ex Time 09:58
BLC : On
Notch : On

HR: 167 bpm
METS: 11.3
BP: 136/86

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606
BRUCE:PeakEx(1:00)
10.0 mm/mV
25 mm/Sec.

4X 60 ms Post J :

V5
1.5





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

HR: 153 bpm
METs: 10.2
BP: 134/84

MPHR: 84% of 182
Speed: 3.4 mph
Grade: 14.0%

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606

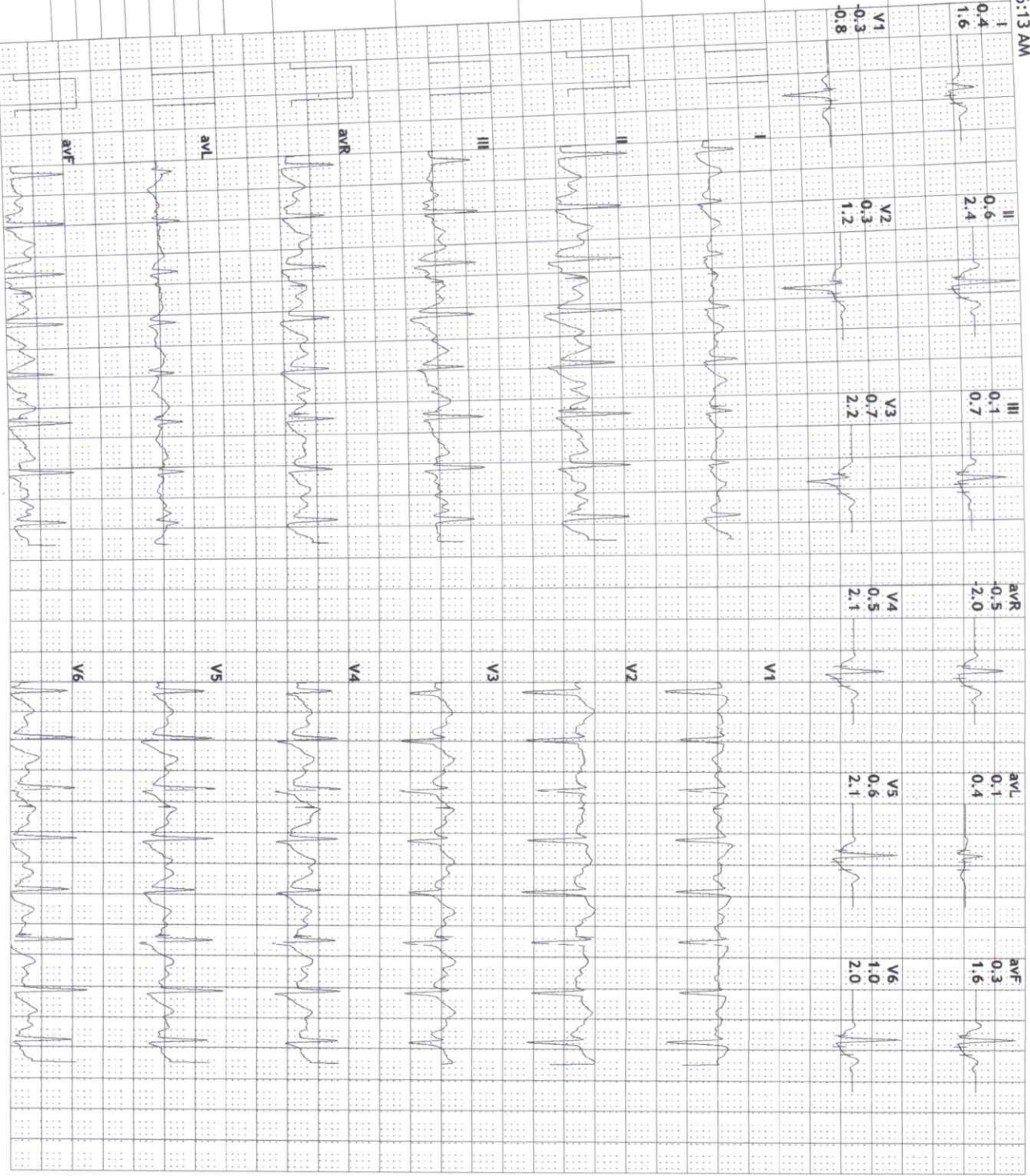
Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 09:00
BLC :0n
Notch :On

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

4X 60 ms Post J

V5 0.6





12 Lead + Median

388/PRADEEP KUMAR HR: 125 bpm
38 Yrs/Male METS: 7.1
80 Kg/172 Cms BP: 132/82
Date: 17-Feb-2024 11:36:13 AM

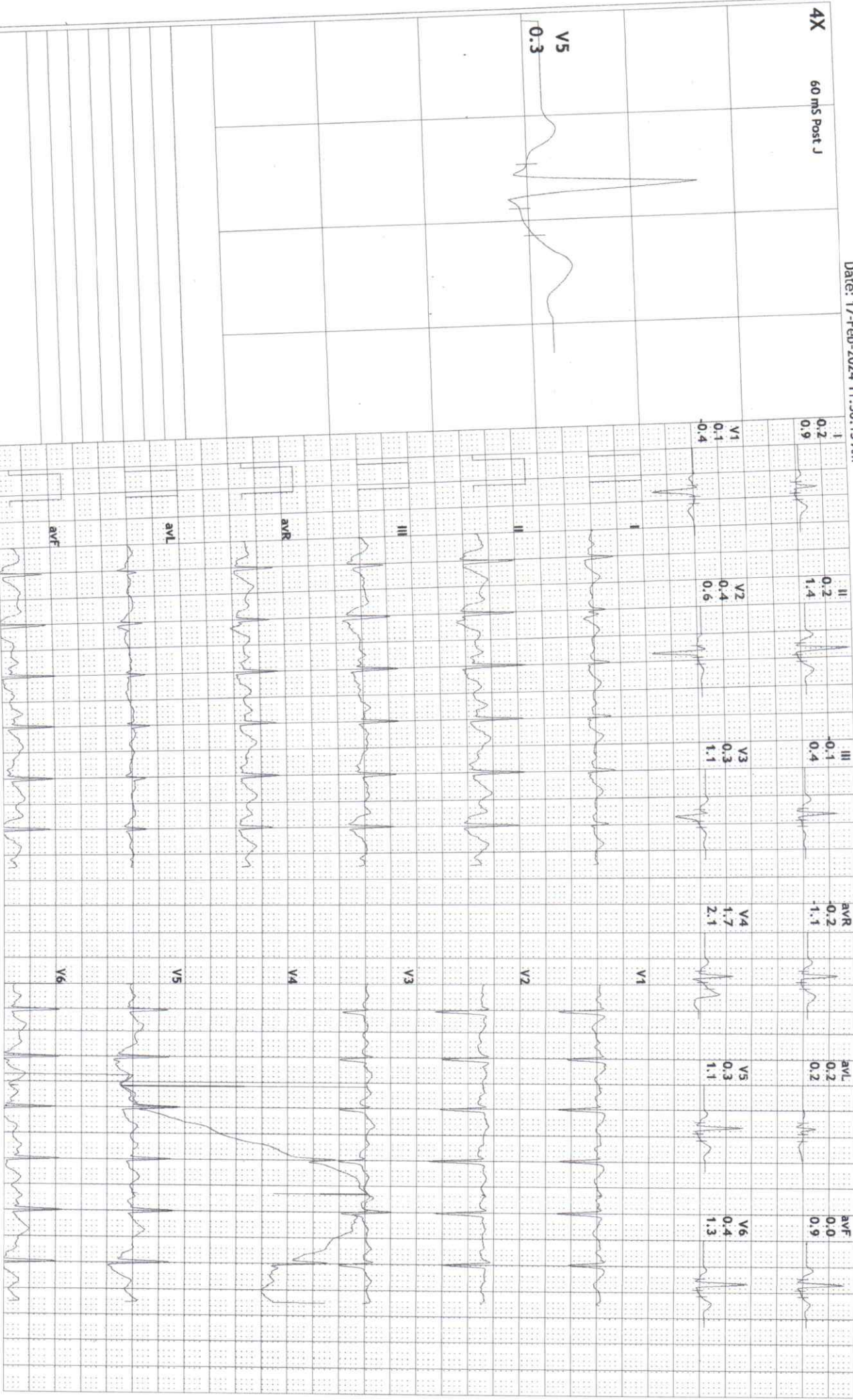
MPPHR:68% of 182
Speed: 2.5 mph
Grade: 12.0%

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606

Raw ECG
BRUCE
(1.0-100)HZ

Ex Time 06:00
BLC :On
Notch :On

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





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

HR: 100 bpm
METs: 4.7
BP: 130/80

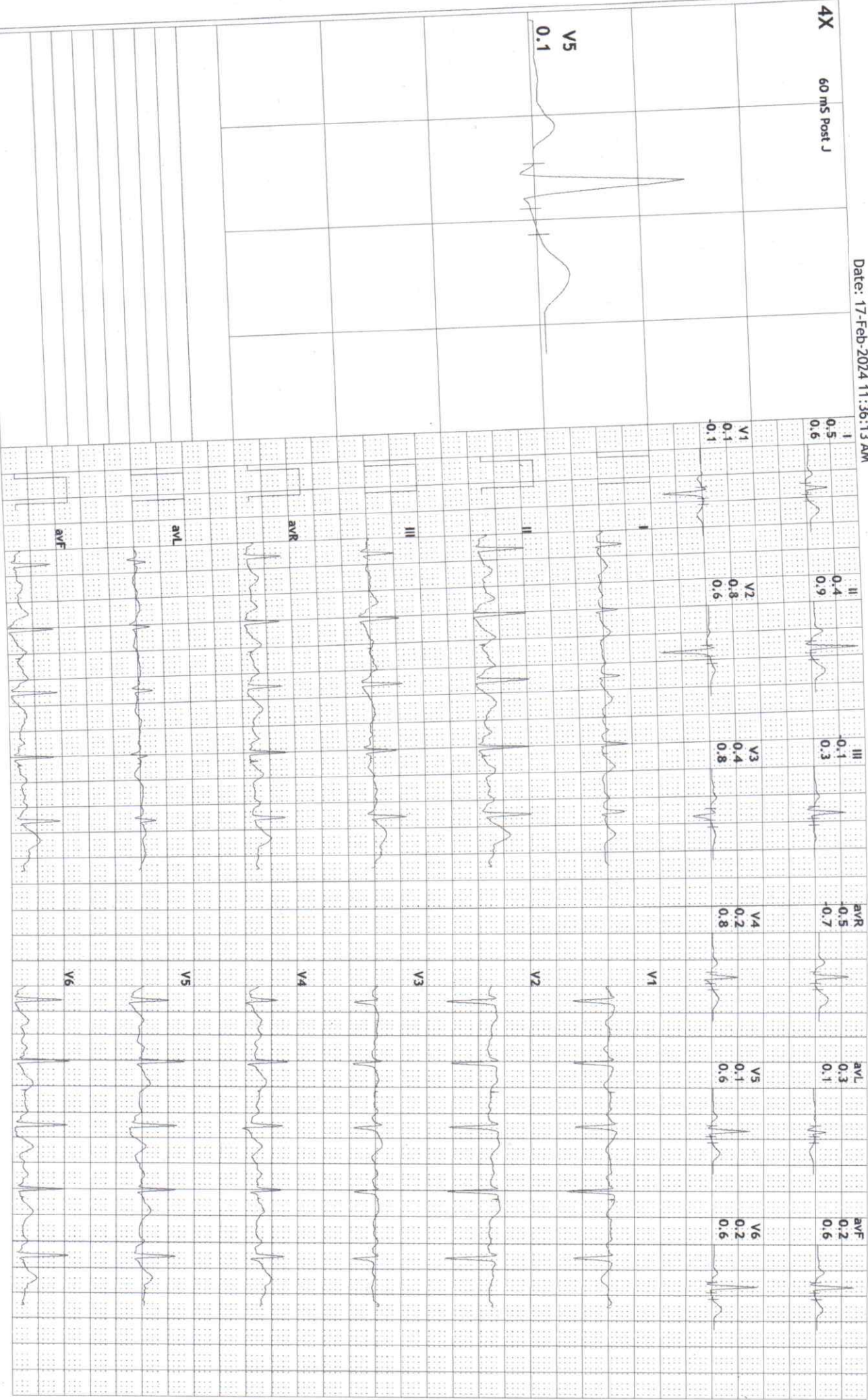
MpHR: 54% of 182
Speed: 1.7 mph
Grade: 10.0%

Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 03:00
BLC :On
Notch :On

BRUCE:Stage 1(3:00)
10.0 mm/mV
25 mm/Sec.

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

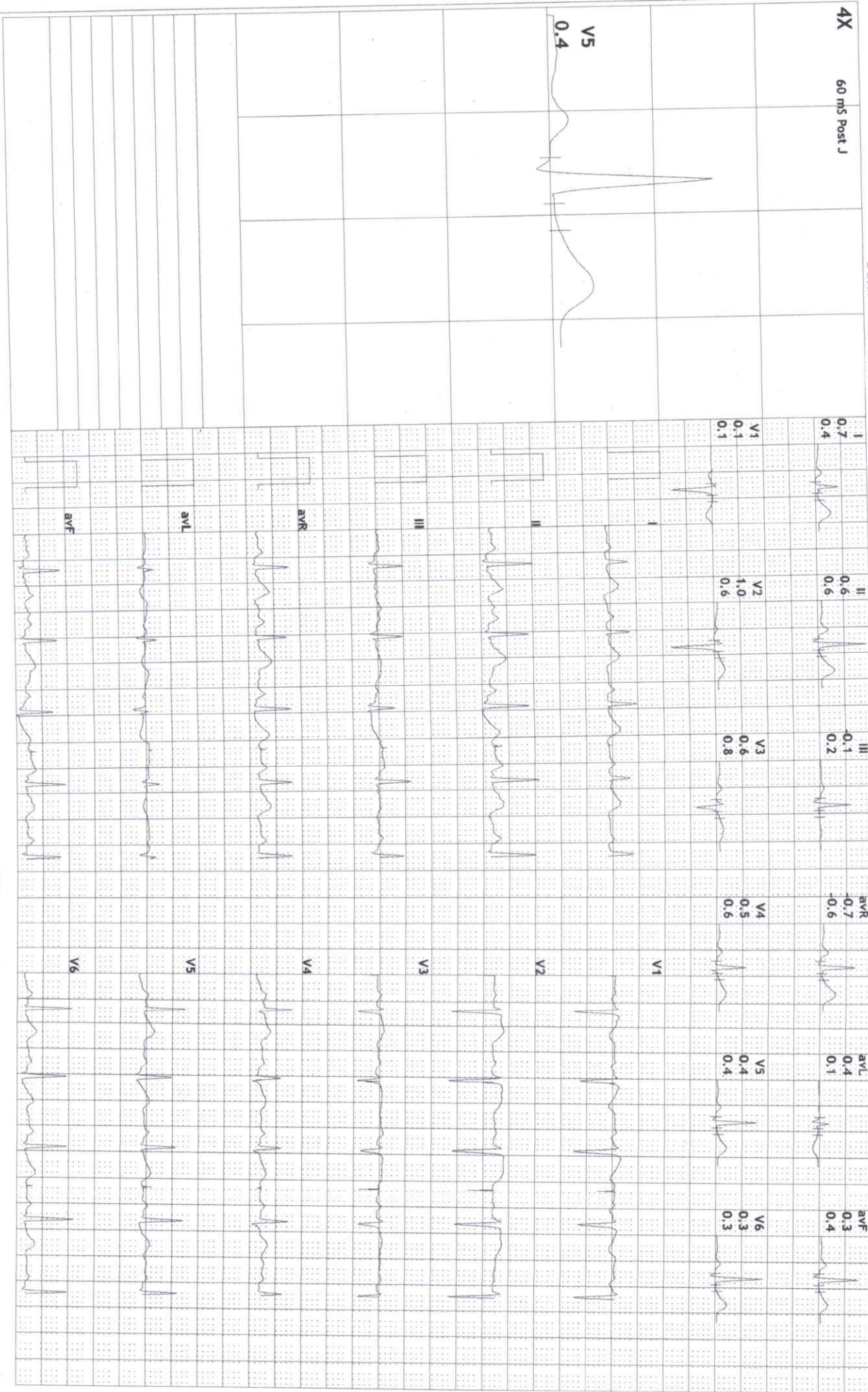
HR: 92 bpm
METS: 1.0
BP: 130/80

MPHR: 50% of 182
Speed: 1.1 mph
Grade: 0.0%

Raw ECG
BRUCE
(1.0-100)HZ

Ex Time 01:05
BLC :On
Notch :On

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THINAE(W)-400606
HV
10.0 mm/mV
25 mm/Sec.





12 Lead + Median

388/PRADEEP KUMAR
38 Yrs/Male
80 Kg/172 Cms
Date: 17-Feb-2024 11:36:13 AM

HR: 86 bpm
METs: 1.0
BP: 130/80

MPHR: 47% of 182
Speed: 1.1 mph
Grade: 0.0%

Raw ECG
BRUCE
(1.0-100)HZ

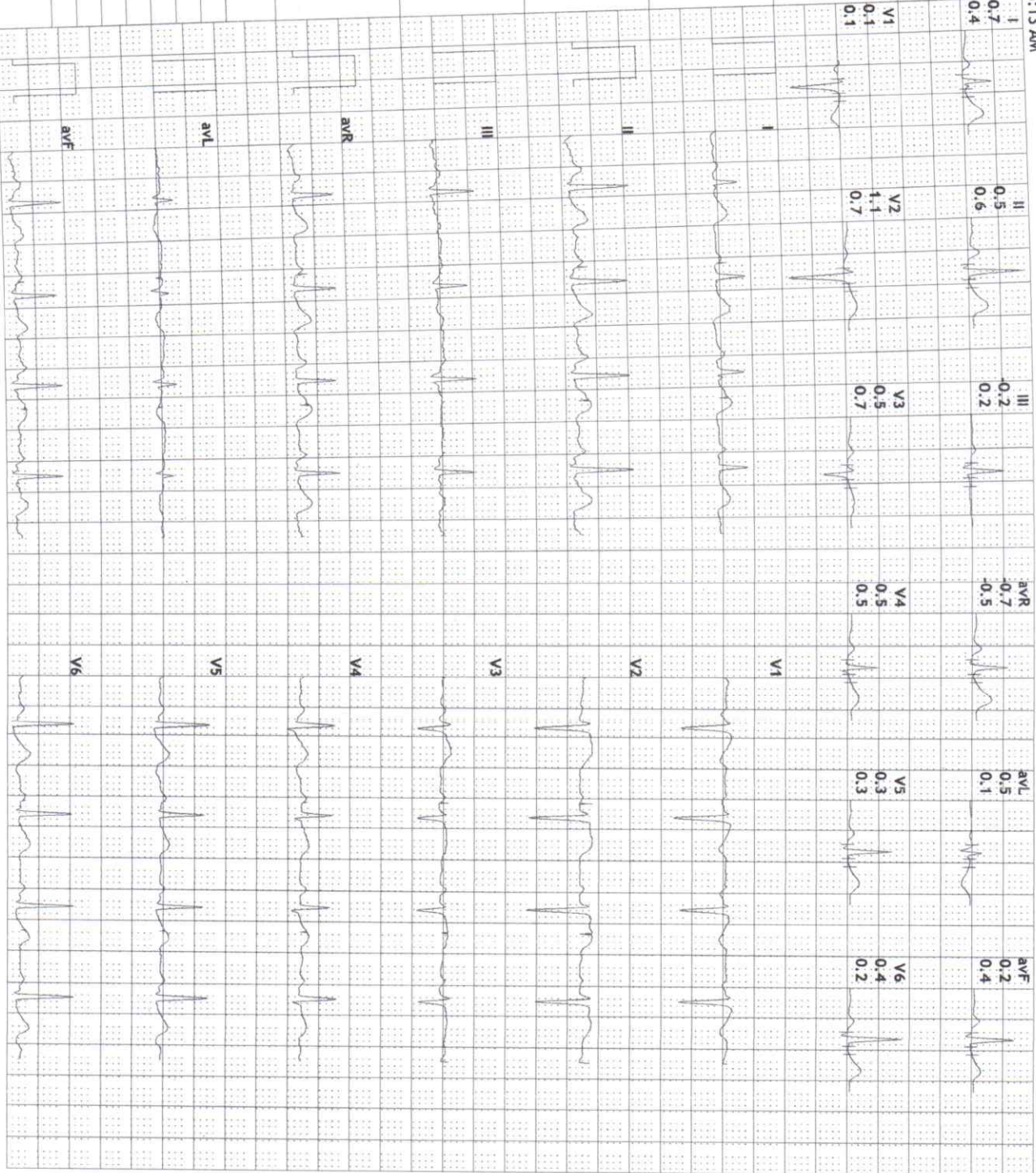
Ex Time 00:54
BLC :On
Notch :On
Standing
10.0 mm/mV
25 mm/Sec.

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THNAE(W)-400606

4X 60 mS Post J



V5
0.3





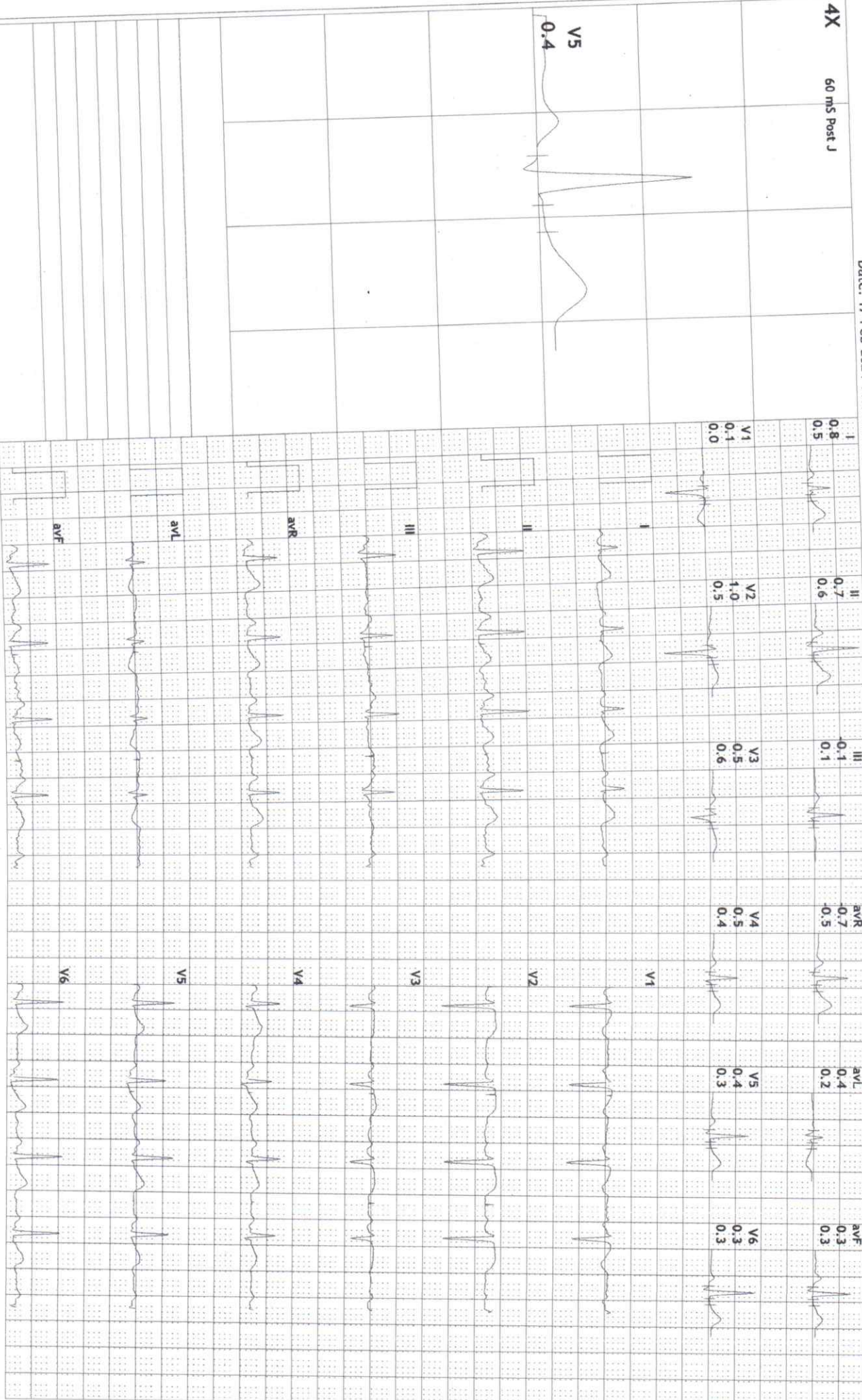
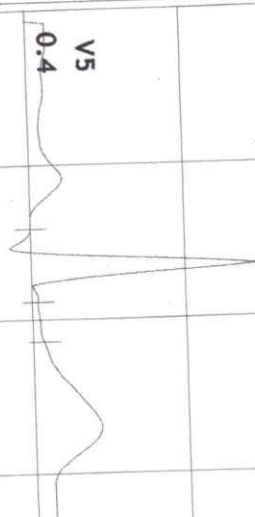
12 Lead + Median

388/PRADEEP KUMAR HR: 84 bpm
38 Yrs/Male METS: 1.0
80 Kg/172 Cms BP: ---/---
Date: 17-Feb-2024 11:36:13 AM

MPHR: 46% of 182
Speed: 1.1 mph
Grade: 0.0%

SIDDHIVINAYAK HOSPITAL
S-1, VEDANT COMPLEX, VARTAK NAGAR, THANA(EW)-400606
Raw ECG BRUCE (1.0-100)HZ
Ex Time 00:38
BLC : On Notch : On
Supine
10.0 mm/mV
25 mm/Sec.

4X 60 MS Post J



Lead	ST Segment (mm)
I	0.8
II	0.7
III	-0.1
aVR	-0.7
aVL	0.4
aVF	0.3
V1	0.1
V2	1.0
V3	0.5
V4	0.5
V5	0.4
V6	0.3



Name : Mr. PRADEEP KUMAR (A) Collected On : 17/2/2024 9:20 am
Lab ID. : 184003 Received On : 17/2/2024 9:30 am
Age/Sex : 38 Years / Male Reported On : 17/2/2024 5:10 pm
Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS Report Status : FINAL



***LIPID PROFILE**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE)	211.0	mg/dL	Desirable blood cholesterol: - <200 mg/dl. Borderline high blood cholesterol: - 200 - 239 mg/dl. High blood cholesterol: - >239 mg/dl.
S.HDL CHOLESTEROL (DIRECT MEASURE - PEG)	35.6	mg/dL	Major risk factor for heart : <30 mg/dl. Negative risk factor for heart disease: >=80 mg/dl.
S. TRIGLYCERIDE (ENZYMATIC, END POINT)	143.7	mg/dL	Desirable level : <161 mg/dl. High : >= 161 - 199 mg/dl. Borderline High : 200 - 499 mg/dl. Very high : >499mg/dl.
VLDL CHOLESTEROL (CALCULATED VALUE)	29	mg/dL	UPTO 40
S.LDL CHOLESTEROL (CALCULATED VALUE)	147	mg/dL	Optimal: <100 mg/dl. Near Optimal: 100 - 129 mg/dl. Borderline High: 130 - 159 mg/dl. High : 160 - 189mg/dl. Very high : >= 190 mg/dl.
LDL CHOL/HDL RATIO (CALCULATED VALUE)	4.13		UPTO 3.5
CHOL/HDL CHOL RATIO (CALCULATED VALUE)	5.93		<5.0

Above reference ranges are as per ADULT TREATMENT PANEL III recommendation by NCEP (May 2015).

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

Checked By
Priyanka_Deshmukh

DR. SMITA RANVEER.
M.B.B.S.M.D. Pathology(Mum)
Consultant Histocytopathologist





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Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS Report Status : FINAL



COMPLETE BLOOD COUNT

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
HEMOGLOBIN	15.1	gm/dl	13 - 18
HEMATOCRIT (PCV)	45.3	%	42 - 52
RBC COUNT	5.15	x10 ⁶ /uL	4.70 - 6.50
MCV	88	fl	80 - 96
MCH	29.3	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	13.7	%	11.5 - 14.5
TOTAL LEUCOCYTE COUNT	5710	/cumm	4000 - 11000
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS	46	%	40 - 80
LYMPHOCYTES	35	%	20 - 40
EOSINOPHILS	10	%	0 - 6
MONOCYTES	09	%	2 - 10
BASOPHILS	00	%	0 - 1
PLATELET COUNT	228000	/cumm	150000 - 450000
MPV	11.4	fl	6.5 - 11.5
PDW	16	%	9.0 - 17.0
PCT	0.260	%	0.200 - 0.500
RBC MORPHOLOGY	Normocytic Normochromic		
WBC MORPHOLOGY	Eosinophilia		
PLATELETS ON SMEAR	Adequate		

Method : EDTA Whole Blood- Tests done on Automated Six Part Cell Counter.RBC and Platelet count by Electric Impedance ,WBC by SF Cube method and Differential by flow cytometry . Hemoglobin by Cyanide free reagent for hemoglobin test (Colorimetric Method).Rest are calculated parameters.

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

Checked By
Priyanka_Deshmukh

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Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS Report Status : FINAL



URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>URINE ROUTINE EXAMINATION</u>			
<u>PHYSICAL EXAMINATION</u>			
VOLUME	30 ml		
COLOUR	Pale yellow		Pale Yellow
APPEARANCE	Clear		CLEAR
<u>CHEMICAL EXAMINATION</u>			
REACTION (methyl red and Bromothymol blue indicator)	Acidic		Acidic
SP. GRAVITY (Bromothymol blue indicator)	1.010		1.005 - 1.022
PROTEIN (Protein error of PH indicator)	Absent		Absent
BLOOD (Peroxidase Method)	Absent		Absent
SUGAR (GOD/POD)	Absent		Absent
KETONES (Acetoacetic acid)	Absent		Absent
BILE SALT & PIGMENT (Diazonium Salt)	Absent		Absent
UROBILINOGEN (Red azodye)	Normal		Normal
LEUKOCYTES (pyrrole amino acid ester diazonium salt)	Absent		Absent
NITRITE (Diazonium compound With tetrahydrobenzo quinolin 3-phenol)	Absent		Negative
<u>MICROSCOPIC EXAMINATION</u>			
RED BLOOD CELLS	Absent		Absent
PUS CELLS	1-2	/ HPF	0 - 5
EPITHELIAL	0-2	/ HPF	0 - 5
CASTS	Absent		

Checked By
SHAISTA Q

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URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
CRYSTALS	Absent		
BACTERIA	Absent		Absent
YEAST CELLS	Absent		Absent
ANY OTHER FINDINGS	Absent		

REMARK Result relates to sample tested. Kindly correlate with clinical findings.

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

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SHAISTA Q

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Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	: FINAL



IMMUNO ASSAY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>TFT (THYROID FUNCTION TEST)</u>			
SPACE		Space	-
SPECIMEN	Serum		
T3	102.5	ng/dl	84.63 - 201.8
T4	8.72	µg/dl	5.13 - 14.06
TSH	4.44	µIU/ml	0.270 - 4.20
T3 (Triiodo Thyronine hormone)	T4 (Thyroxine)	TSH(Thyroid stimulating hormone)	
AGE	RANGE	AGE	RANGES
1-30 days	100-740	1-14 Days	11.8-22.6
1-11 months	105-245	1-2 weeks	9.9-16.6
1-5 yrs	105-269	1-4 months	7.2-14.4
6-10 yrs	94-241	4 -12 months	7.8-16.5
11-15 yrs	82-213	1-5 yrs	7.3-15.0
0.1-2.5			
15-20 yrs	80-210	5-10 yrs	6.4-13.3
0.20-3.0			
		11-15 yrs	5.6-11.7
0.30-3.0			

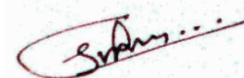
INTERPRETATION :

TSH stimulates the production and secretion of the metabolically active thyroid hormones, thyroxine (T4) and triiodothyronine (T3), by interacting with a specific receptor on the thyroid cell surface. The synthesis and secretion of TSH is stimulated by Thyrotropin releasing hormone (TRH), in response to low levels of circulating thyroid hormones. Elevated levels of T3 and T4 suppress the production of TSH via a classic negative feedback mechanism. Failure at any level of regulation of the hypothalamic-pituitary-thyroid axis will result in either underproduction (hypothyroidism) or overproduction (hyperthyroidism) of T4 and/or T3.

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

Checked By
 Priyanka_Deshmukh



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HAEMATOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>BLOOD GROUP</u>			
SPECIMEN	WHOLE BLOOD EDTA & SERUM		
* ABO GROUP	'O'		
RH FACTOR	POSITIVE		
Method: Slide Agglutination and Tube Method (Forward grouping & Reverse grouping)			
Result relates to sample tested, Kindly correlate with clinical findings.			
----- END OF REPORT -----			

Checked By
Priyanka_Deshmukh

DR. SMITA RANVEER.
M.B.B.S.M.D. Pathology(Mum)
Consultant Histocytopathologist





Name : Mr. PRADEEP KUMAR (A) Collected On : 17/2/2024 9:20 am
Lab ID. : 184003 Received On : 17/2/2024 9:30 am
Age/Sex : 38 Years / Male Reported On : 17/2/2024 5:10 pm
Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS Report Status : FINAL



***RENAL FUNCTION TEST**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
BLOOD UREA (Urease UV GLDH Kinetic)	22.4	mg/dL	19 - 45
BLOOD UREA NITROGEN (Calculated)	10.47	mg/dL	5 - 20
S. CREATININE (Enzymatic)	1.13	mg/dL	0.6 - 1.4
S. URIC ACID (Uricase)	7.2	mg/dL	3.5 - 7.2
S. SODIUM (ISE Direct Method)	141.8	mEq/L	137 - 145
S. POTASSIUM (ISE Direct Method)	4.07	mEq/L	3.5 - 5.1
S. CHLORIDE (ISE Direct Method)	106.5	mEq/L	98 - 110
S. PHOSPHORUS (Ammonium Molybdate)	3.24	mg/dL	2.5 - 4.5
S. CALCIUM (Arsenazo III)	9.9	mg/dL	8.6 - 10.2
PROTEIN (Biuret)	6.45	g/dl	6.4 - 8.3
S. ALBUMIN (BGC)	4.07	g/dl	3.2 - 4.6
S.GLOBULIN (Calculated)	2.38	g/dl	1.9 - 3.5
A/G RATIO calculated	1.71		0 - 2

NOTE

BIOCHEMISTRY TEST DONE ON FULLY AUTOMATED (EM 200)
ANALYZER.

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

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SHAISTA Q

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Peripheral smear examination

TEST NAME	RESULTS
SPECIMEN RECEIVED	WHOLE BLOOD EDTA
RBC	Normocytic, Normochromic
WBC	Total leukocyte count is normal in smear. Eosinophils are increased on smear. Neutrophils :46% Lymphocytes :35% Eosinophils :10% Monocytes :09% Basophilis :00%
PLATELET	Adequate on smear
HEMOPARASITE	No parasites seen.
Result relates to sample tested, Kindly correlate with clinical findings.	
----- END OF REPORT -----	

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LIVER FUNCTION TEST

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL BILLIRUBIN (Method-Diazo)	0.8	mg/dL	0.1 - 1.2
DIRECT BILLIRUBIN (Method-Diazo)	0.28	mg/dL	0.0 - 0.4
INDIRECT BILLIRUBIN Calculated	0.52	mg/dL	0 - 0.8
SGOT(AST) (UV without PSP)	31.2	U/L	0 - 37
SGPT(ALT) UV Kinetic Without PLP (P-L-P)	57.5	U/L	UP to 40
ALKALINE PHOSPHATASE (Method-ALP-AMP)	79.0	U/L	53 - 128
S. PROTIEN (Method-Biuret)	6.45	g/dl	6.4 - 8.3
S. ALBUMIN (Method-BCG)	4.07	g/dl	3.5 - 5.2
S. GLOBULIN Calculated	2.38	g/dl	1.90 - 3.50
A/G RATIO Calculated	1.71		0 - 2

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

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HAEMATOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
ESR			
ESR	29	mm/1hr.	0 - 20

METHOD - WESTERGREN

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

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BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
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BLOOD GLUCOSE FASTING & PP

BLOOD GLUCOSE FASTING	107.7	mg/dL	70 - 110
BLOOD GLUCOSE PP	117.5	mg/dL	70 - 140

Method (GOD-POD). DONE ON FULLY AUTOMATED ANALYSER (EM200).

1. Fasting is required (Except for water) for 8-10 hours before collection for fasting specimen. Last dinner should consist of bland diet.
2. Don't take insulin or oral hypoglycemic agent until after fasting blood sample has been drawn

INTERPRETATION

- Normal glucose tolerance : 70-110 mg/dl
- Impaired Fasting glucose (IFG) : 110-125 mg/dl
- Diabetes mellitus : ≥ 126 mg/dl

POSTPRANDIAL/POST GLUCOSE (75 grams)

- Normal glucose tolerance : 70-139 mg/dl
- Impaired glucose tolerance : 140-199 mg/dl
- Diabetes mellitus : ≥ 200 mg/dl

CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS

- Fasting plasma glucose ≥ 126 mg/dl
- Classical symptoms + Random plasma glucose ≥ 200 mg/dl
- Plasma glucose ≥ 200 mg/dl (2 hrs after 75 grams of glucose)
- Glycosylated haemoglobin $> 6.5\%$

***Any positive criteria should be tested on subsequent day with same or other criteria.

GAMMA GT	36.8	U/L	13 - 109
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GLYCOCELATED HEMOGLOBIN (HBA1C)

HBA1C (GLYCOSALATED HAEMOGLOBIN)	5.9	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G.)	123.0	mg/dL	NON - DIABETIC : ≤ 5.6 PRE - DIABETIC : 5.7 - 6.4 DIABETIC : > 6.5

METHOD Particle Enhanced Immunturbidimetry

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BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
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HbA1c : Glycosylated hemoglobin concentration is dependent on the average blood glucose concentration which is formed progressively and irreversibly over a period of time and is stable till the life of the RBC/erythrocytes.Average Blood Glucose (A.B.G) is calculated value from HbA1c : Glycosylated hemoglobin concentration in whole Blood.It indicates average blood sugar level over past three months.

Result relates to sample tested, Kindly correlate with clinical findings.

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