

RAJESH 39 Y/M 22452 M CHEST.FRN P->A 25-Feb-23 10:24 AM

Mehar Hospital, Zirakpur


Patient Name	: Mr. Rajesh	Mobile No	: 9813515923
UHID No.	: 22452	Age	: 39 Yr Male
Address	: House No. 8515-I Block Aerocity Mohali	Sampling Date	: 25-02-2023 9:28AM
Doctor	: Mohali SELF	Print Date	: 25-02-2023 2:26PM

Investigation	Observations	Biological Reference Interval	Units
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COMPLETE BLOOD COUNTS [CBC]

HAEMOGLOBIN (HB) <i>Method: SPECTROPHOTOMETER / AUTOMATED CELL COUNTER</i>	14.1	13.0 - 18.0	gm/dl
TOTAL LEUCOCYTE COUNT (TLC) <i>Method: Impedance/Automated cell counter</i>	3980	4000 - 11000	/cmm
NEUTROPHILS	58	45 - 75	%
LYMPHOCYTE	37	20 - 45	%
MONOCYTE	03	0 - 10	%
EOSINOPHIL	02	0.00 - 6	%
BASOPHIL	00	0.00 - 3.00	%
RBC (RED BLOOD CELLS) <i>Method: Impedance/Automated cell counter</i>	5.22	3.8 - 6.0	Millions/cmm
PCV <i>Method: Calculation/Automated cell counter</i>	45.6	38 - 54	%
MCV(MEAN CELL VOLUME) <i>Method: Calculation/Automated cell counter</i>	87.2	80 - 100	fL
MCH(MEAN CELL HAEMOGLOBIN) <i>Method: Calculation/Automated cell counter</i>	28.1	27 - 31	picogram
MCHC <i>Method: Calculation/Automated cell counter</i>	32.2	33 - 37	g / dL
RDW-CV <i>Method: SPECTROPHOTOMETER / AUTOMATED CELL COUNTER</i>	13.5	10.0 - 15.0	%
RDW-SD <i>Method: SPECTROPHOTOMETER / AUTOMATED CELL COUNTER</i>	47.7	35.0 - 60.0	fL
PLATELET COUNT <i>Method: Impedance/Automated cell counter</i>	1.91	1.50 - 4.5	Lakh/cmm
<u>ERYTHROCYTE SEDIMENTATION RATE(ESR)</u>			
ERYTHROCYTE SEDIMENTATION RATE	10	0 - 15	mm
<u>BLOOD GROUP ABO</u>			
BLOOD GROUP ABO *	O		
BLOOD GROUP "RH" *	POSITIVE		


TECHNOLOGIST


Dr. Shweta
MBBS, MD(PATHOLOGY)
(EX.PGIMER, CHD)

End of Report


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LIPID PROFILE

TOTAL CHOLESTEROL	223	Desirable Cholesterol Level <200 Borderline High Cholesterol 200-240 High Cholesterol >=240	mg/dL
<i>Method : Enzymatic</i>			
TRIGLYCERIDES	127.2	Borderline high: 150-199 High : >200	mg /dl
<i>Method : GPO/PAP</i>			
H D L CHOLESTEROL	60.1	35.3 - 79.5	mg/dL
<i>Method : End Point, Phosphotungstic Acid</i>			
L D L CHOLESTEROL	137.5	100 - 190	mg/dL
<i>Method : Calculated</i>			
V L D L	25.4	7.00 - 35.0	mg/dL
<i>Method : Calculated</i>			
TOTAL CHOLESTEROL/HDL RATIO	3.7	Moderate Risk : 3.5- 5.0 High risk : >5.0	
<i>Method : Calculated</i>			
LDL/HDL CHOLESTEROL	2.3	HIGH RISK: > 5	
<i>Method : Calculated</i>			
<u>LIVER FUNCTION TEST [LFT]</u>			
TOTAL BILIRUBIN	0.93	0.2 - 1.2	mg/dl
<i>Method : Diazo</i>			
CONJUGATED (D. Bilirubin)	0.33	0.1 - 0.4	mg/dl
<i>Method : Diazo</i>			
UNCONJUGATED (I.D.Bilirubin)	0.6	0.2 - 1.0	mg/dl
<i>Method : Calculated</i>			
AST / SGOT	42	00 - 35	IU/L
<i>Method : IFCC</i>			
ALT/SGPT	67.5	00 - 45	U/L
<i>Method : IFCC</i>			



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ALKALINE PHOSPHATASE <i>Method : ALP-AMP</i>	126.0	53 - 128	U/L
TOTAL PROTEIN <i>Method : Biuret</i>	6.42	6.40 - 8.30	g/dl
SERUM ALBUMIN <i>Method : Bromocresol Green</i>	4.49	3.50 - 5.20	g/dl
GLOBULIN <i>Method : Calculated</i>	1.9	1.5 - 3.0	gm/dl
A/G RATIO <i>Method : calculated</i>	2.4	1.2 - 2.0	
<u>RFT PANEL 2</u>			
BLOOD UREA <i>Method : Urease-GLDH</i>	24.3	18 - 55	mg /dl
SERUM CREATININE <i>Method : Enzymatic</i>	0.75	0.70 - 1.30	mg /dl
SERUM URIC ACID <i>Method : Uricase-POD</i>	7.2	3.5 - 7.2	mg/dl
BLOOD UREA NITROGEN (BUN) <i>Method : Spectrophotometry</i>	11.3	5.0 - 20.0	mg/dl
UREA/CREATININE RATIO <i>Method : Calculated</i>	25.0	20.0 - 35.0	mg /dl
SERUM CALCIUM <i>Method : NM-BAPTA + EDTA</i>	8.5	8.6 - 10.2 CHILD :-0-10 DAYS 7.6 - 10.4	mg/dl mg/dl
PHOSPHORUS <i>Method : Molydate/UV</i>	3.0	2.5 - 4.5	mg /dl
SODIUM <i>Method : Ion selective electrode</i>	136.8	136.0 - 155.0	mmol/L


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POTASSIUM <i>Method : Ion selective electrode</i>	4.5	3.5 - 5.5	mmol/L
CHLORIDE <i>Method : Ion selective electrode</i>	106.9	96 - 107	mmol/L
<u>BLOOD GLUCOSE - FASTING</u> BLOOD GLUCOSE - FASTING <i>Method: GOD POD</i>	121.6	70 - 110	mg/dL
<u>GLYCOSYLATED HB (HbA1c)</u> GLYCOSYLATED Hb * MEAN BLOOD SUGAR *	6.0 125.5	4.00 - 6.50	%

EXPECTED VALUES :

Normal A1c = 6.5 %
Diabetic good control = 6.9%
Diabetic fair control = 7.0 - 7.9 %
Diabetic poor control = > = 8.0 %

Comments:-

Haemoglobin A1c (HbA1c) correlates with a time weighted average of plasma glucose values over the previous 3 to 10 weeks. The measurement of HbA1c is therefore a reflection of glucose control over a far longer period than a blood glucose value and it remains unaffected by the short term fluctuation in blood sugar levels.

SERUM URIC ACID

SERUM URIC ACID 7.2 3.5 - 7.2 mg/dl
Method : Uricase-POD

GGT (GAMMA GLUTAMYL TRANSFERASE)

GGT 25.0 00 - 38.0 U/L
Method : Glupa C

TOTAL THYROID PROFILE (TFT)

THYROID STIMULATING HORMONE (TSH) 0.92 0.35 - 5.50 uIU/ml

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Method : C.L.I.A

NOTE:

1. TSH levels are subject to circadian variation, reaching peak levels between 2- 4 am and at a minimum between 6-10 pm. The variation is of the order of 50%, hence time of the day has influence on the measured serum TSH concentration.
 2. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
 3. Physiological rise in Total T3/T4 levels is seen in pregnancy and in patients on steroid therapy.
- clinical uses: Primary hypothyroidism, hyperthyroidism, inappropriate TSH secretion, nonthyroid illness, autoimmune thyroid disorders, pregnancy associated thyroid disorders, thyroid dysfunctions of infancy and childhood.

URINE ANALYSIS (URINE ROUTINE)

QUANTITY	25		ml.
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.020	1.005 - 1.030	
REACTION	ACIDIC	ACIDIC - ALKALINE	
PH	6.0	4.8 - 7.4	
ALBUMIN	NIL	3.50 - 5.20	
SUGAR	NIL	NIL	
BLOOD	NIL		
URINE BILIRUBIN	NIL		
UROBILINOGEN	NIL		
URINE FOR KETONE BODIES/ACETONE	NIL		
EPITHELIAL CELLS	0-1		mg/dL
PUS CELLS	2-4	1-2	/HPF
RBC	NIL		/HPF
CRYSTALS	NIL	NIL	
CASTS	NIL	NIL	
BACTERIA *	NIL		
OTHER *	NIL		


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End of Report

INVESTIGATION: USG ABDOMEN

Patient Name	: RAJESH	UHID	: 22452
Exam Date	: 25.02.2023	Age/Sex	: 39/M
Referred By	: SELF		

LIVER: has a longitudinal span of 14.9 cm and is normal in outline & shows diffuse increased echogenicity. The hepatic veins appear normal.

IHBRs are not dilated.

CBD is not dilated.

PORTAL VEIN is normal in course and caliber.

GALL BLADDER: It is partially distended.

PANCREAS: It is normal in size, outline & echotexture. No focal lesion seen. Pancreatic duct is not dilated. Tail of pancreas is obscured.

SPLEEN: has a craniocaudal span of 11.7 cm and is normal in size, outline & echotexture. No focal lesion seen. Splenic vein is within normal limits.

RIGHT KIDNEY: It is normal in size (measures 10.7 x 4.9 cm), outline & echotexture. Cortico medullary differentiation is maintained. The Parenchymal thickness is within normal limits. No focal lesion or calculus seen. The pelvicalyceal system is not dilated.

LEFT KIDNEY: It is normal in size (measures 11.3 x 5.3 cm), outline & echotexture. Cortico medullary differentiation is maintained. The Parenchymal thickness is within normal limits. No focal lesion or calculus seen. The pelvicalyceal system is not dilated.


URINARY BLADDER: It is well distended. Wall thickness is normal. No focal lesion or calculus seen.

PROSTATE: It is normal in size, shape & echotexture. No definite focal lesion seen.

Visualized bowel loops show normal peristalsis and are normal in caliber.
No evidence of free fluid noted in abdomen and pelvis.

IMPRESSION:

- **FATTY LIVER GRADE I**



Dr. NILANSHU KATARIA
M.D. RADIODIAGNOSIS
CONSULTANT RADIOLOGIST
REGD. NO. 47353

*To be correlated clinically & with other relevant investigation
Not for medico-legal purposes.*



1970-01-01 00:16:29

6 Channel + I Rhythm Report

Hosp:

Heart Rate: 72 bpm

PR/RR Int.: 156/833 ms

QRS Dur: 72 ms

QT/QTc: 350/384 ms

P-R-T axes: 9 35 36

SV1/RV5/R+S: 0.78/1.08/1.86mV

Prescribed by:

** Analysis Result ** (To be finally confirmed by cardiologist)

Normal Sinus Rhythm

Normal Axis

[Normal ECG]

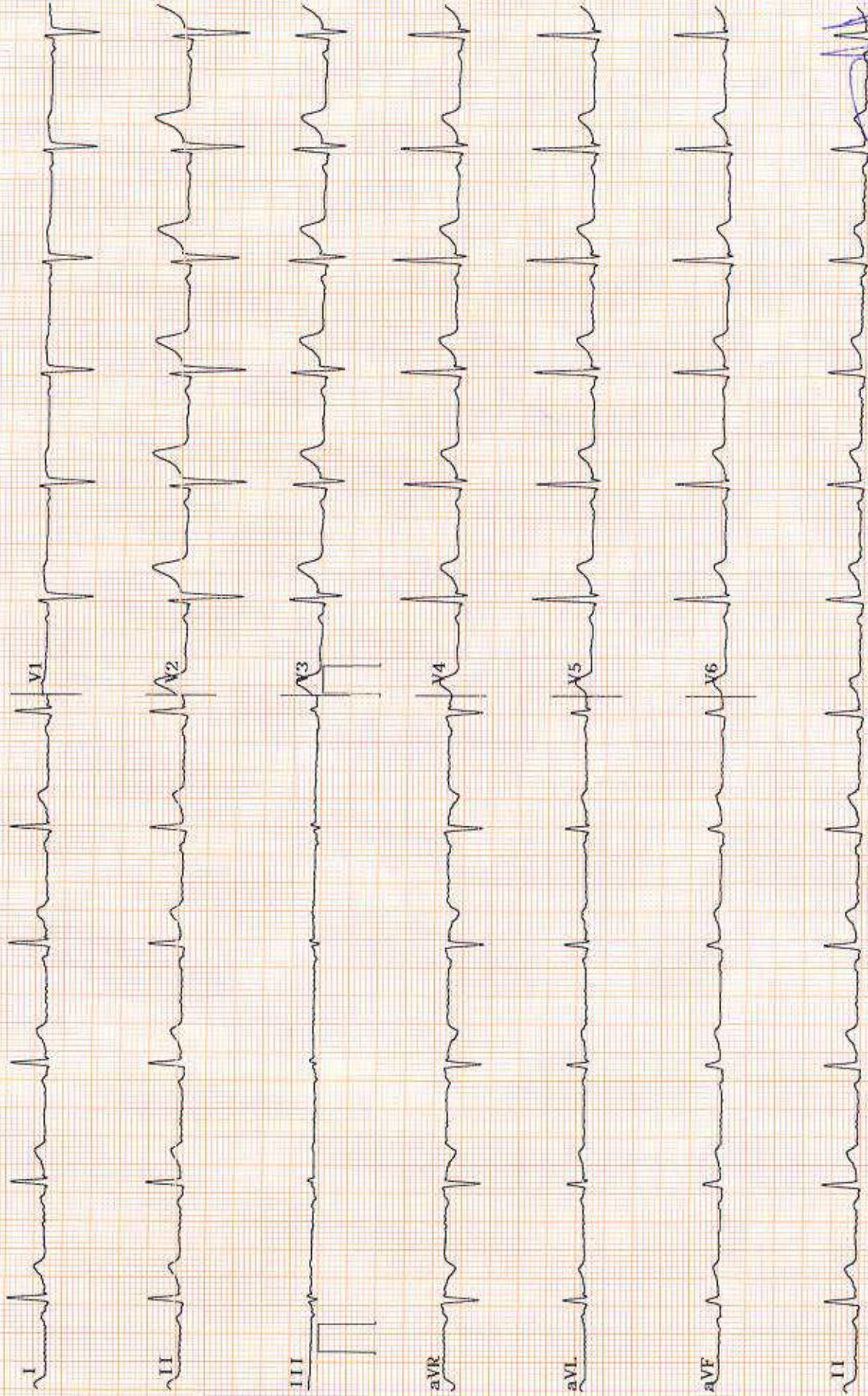
ID : 22452

Name: rajesh

Age : 39 years

Sex : Male

H : 0 cm / W : 0 kg



[Handwritten signature]

Summary

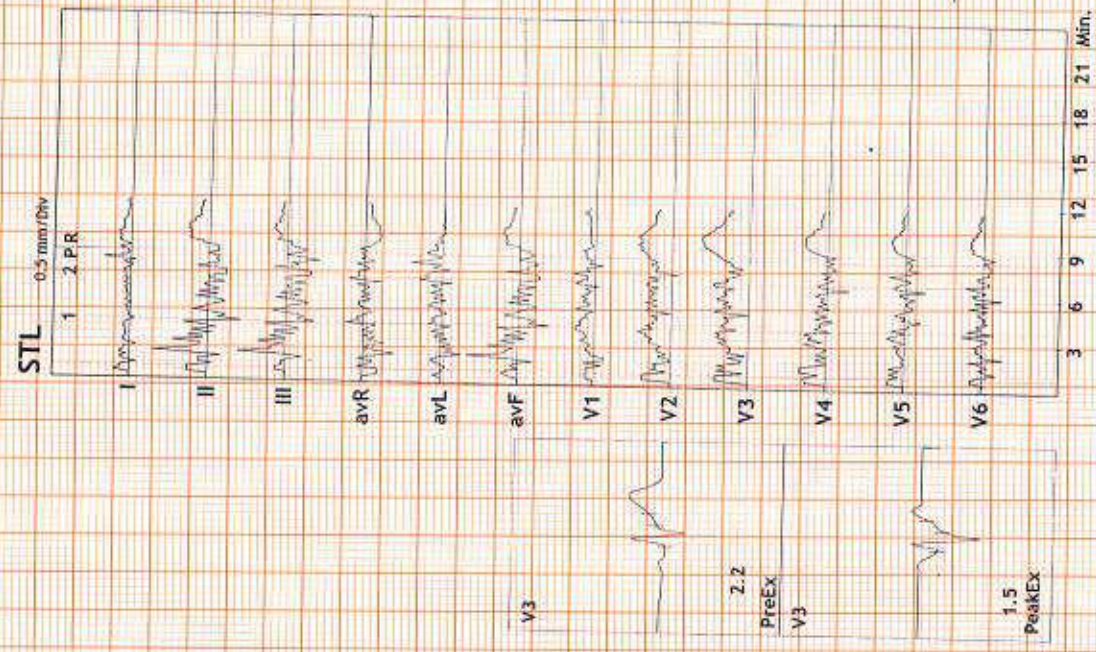
Ref. By : DR KAPIL DOOMRA
 Medication : Nil
 Objective : FOR TESTING PURPOSE ONLY.
 Protocol : BRUCE
 History : Nil
 22452/mr rajesh 39 Yrs/Male 81 Kg/176 Cms
 Date: 25-Feb-2023 12:32:41 PM

Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Standing					1.0	72	---/---	0	-	
ExStart					1.0	65	---/---	0	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	114	130/70	148	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	150	145/90	217	-	
PeakEx	1:33	7:34	3.4	14.0	8.7	168	170/100	285	-	
Recovery	1:00		0.0	0.0	1.2	141	170/100	239	-	
Recovery	2:00		0.0	0.0	1.0	115	140/90	161	-	
Recovery	3:00		0.0	0.0	1.0	106	130/80	137	-	
Recovery	3:20		0.0	0.0	1.0	106	125/70	132	-	

Findings :

Exercise Time : 07:34
 Max HR Attained : 168 bpm 93% of Max Predictable HR 181
 Max BP : 170/100(mmHg)
 Max WorkLoad attained : 8.7(Fair Effort Tolerance)

Notes/Comments:



12 Lead + Comparison

22452/mr rajesh
39 Yrs/Male
81 Kg/176 Cms
Date: 25-Feb-2023 12:32:41 PM

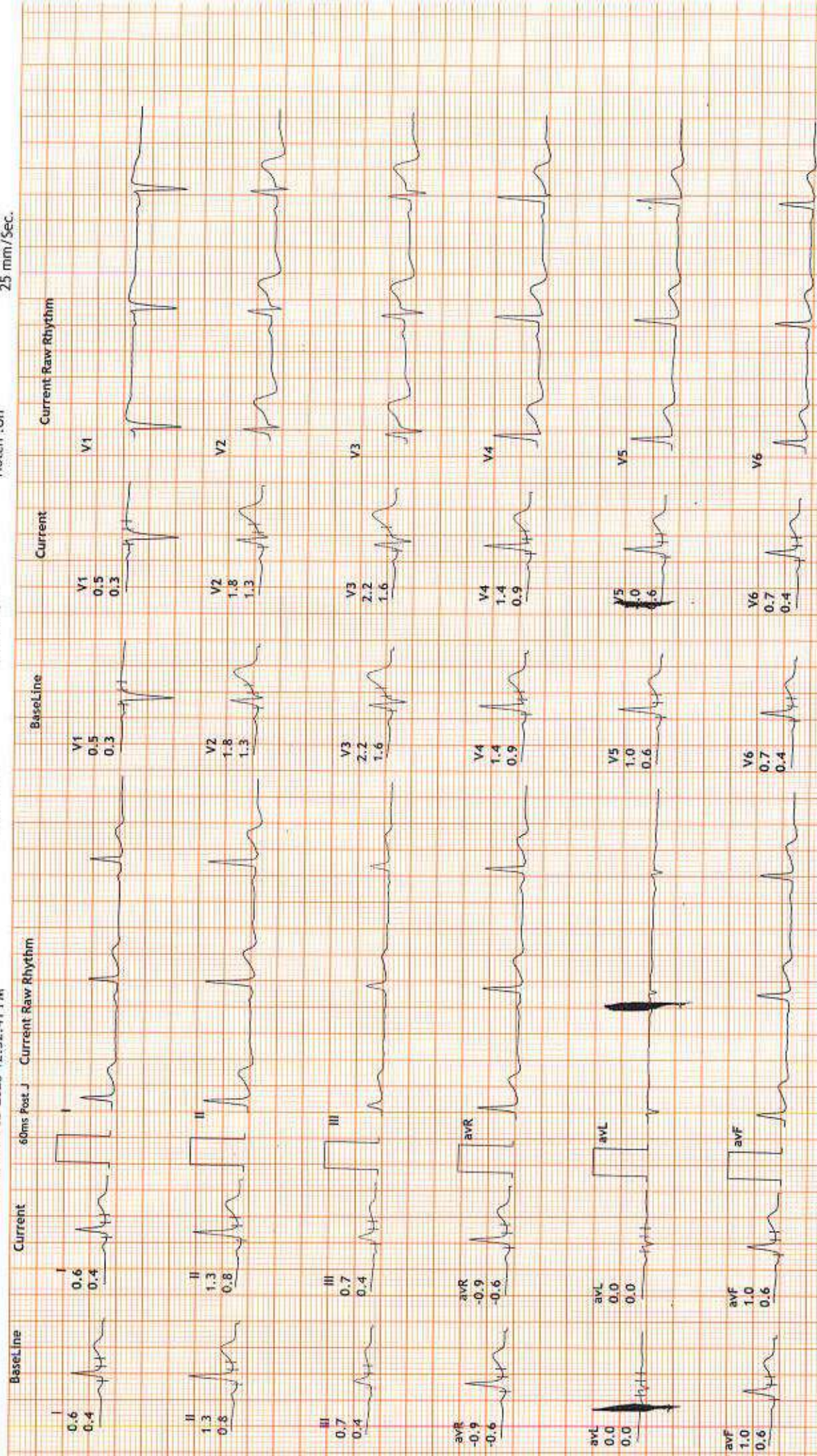
HR: 71 bpm
METS: 1.0
BP: 120/80

MPHR: 39% of 181
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(1.0-100)HZ

Ex Time 00:38
BLC :On
Notch :On

STANDING
10.0 mm/mV
25 mm/Sec.



12 Lead + Comparison

22452/mr rajesh
39 Yrs/Male
81 Kg/176 Cms
Date: 25-Feb-2023 12:32:41 PM

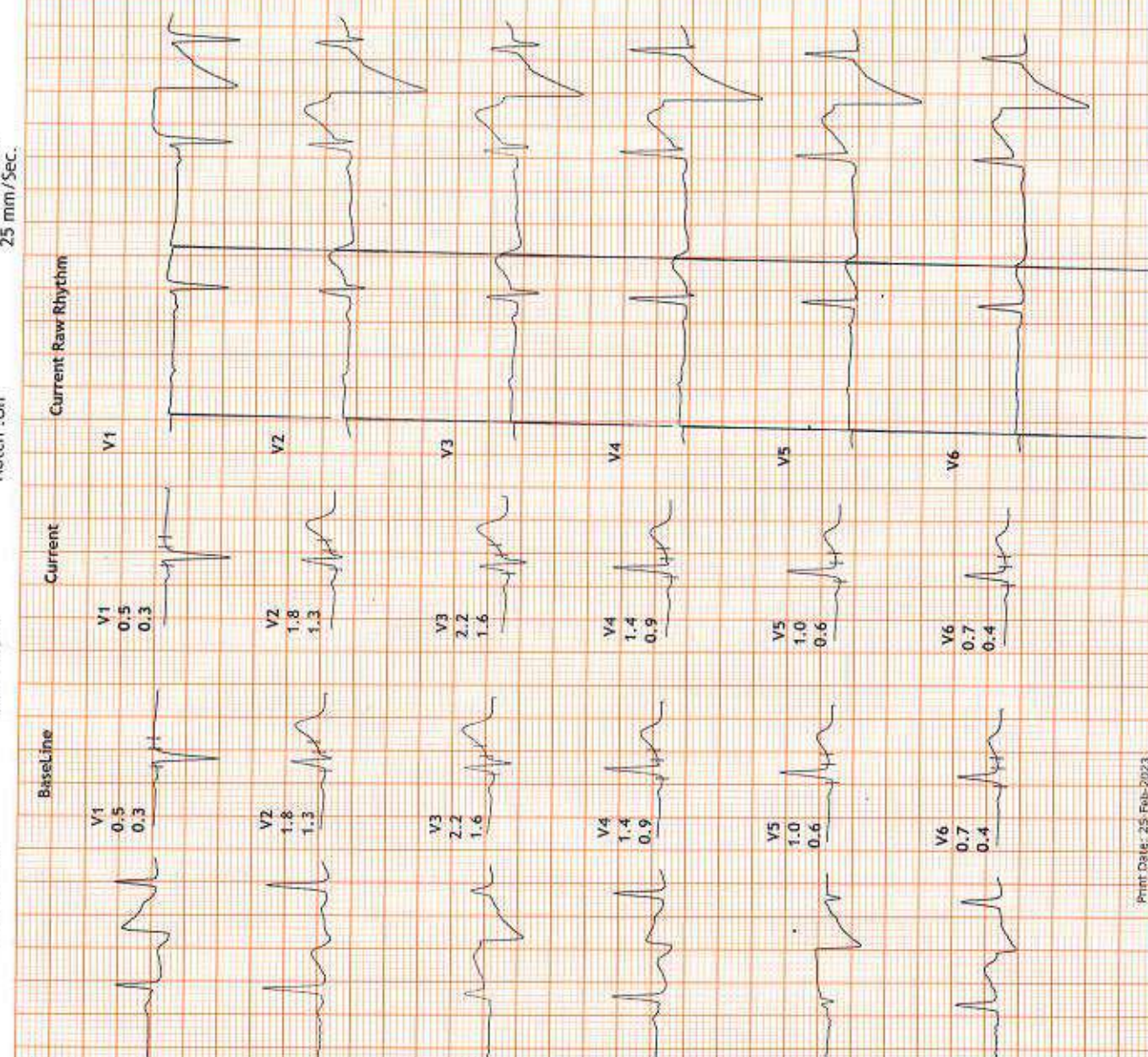
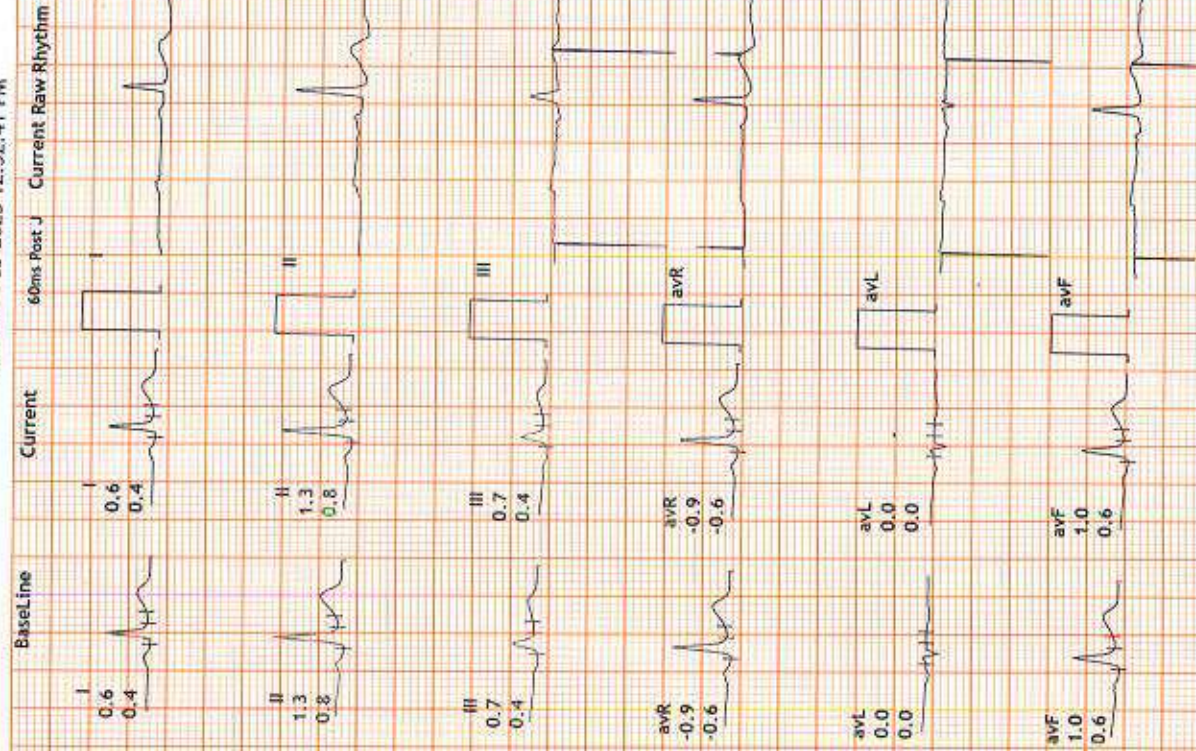
HR: 62 bpm
METS: 1.0
BP: 120/80

MPHR: 34% of 181
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 00:00
BLC :On
Notch :On

ExStrt
10.0 mm/mV
25 mm/Sec.



12 Lead + Comparison

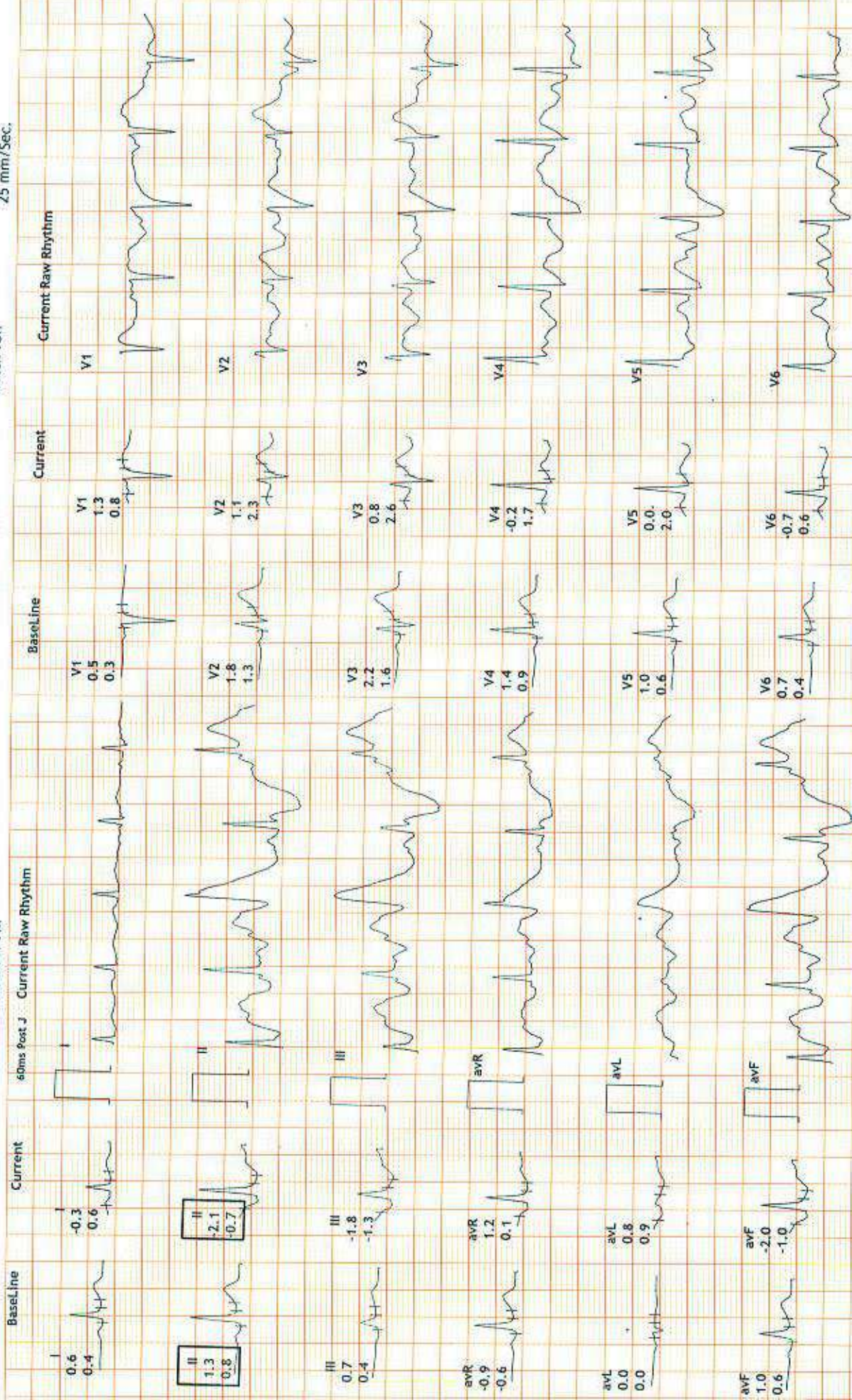
22452/mr rajesh
 39 Yrs/Male
 81 Kg/176 Cms
 Date: 25-Feb-2023 12:32:41 PM

MPHR: 62% of 181
 Speed: 1.7 mph
 Grade: 10.0%

Raw ECG
 BRUCE
 (1.0-100)HZ

Ex Time 03:00
 BLC :On
 Notch :On

Stage 1 (03:00)
 10.0 mm/mV
 25 mm/Sec.



12 Lead + Comparison

22452/mr rajesh
 39 Yrs/Male
 81 Kg/176 Cms
 Date: 25-Feb-2023 12:32:41 PM

HR: 150 bpm
 METS: 7.1
 BP: 145/90

MPHR: 82% of 181
 Speed: 2.5 mph
 Grade: 12.0%

Raw ECG
 BRUCE
 (1.0-100)Hz

Ex Time 06:00
 BLC :On
 Notch :On

Stage 2 (03:00)
 10.0 mm/mV
 25 mm/Sec.

