



PRAMUKH

MULTI SPECIALITY

HOSPITAL

Above Punjab National Bank,
Nr. Railway Crossing, Maninagar (E)
Ahmedabad - 380 008.

MEDICAL EXAMINATION

DATE :- 06/06/2022

NAME :- SUSHANT YADAV

AGE / GENDER :- 32 Yrs / male.

O/E :

T: Normal

BP: 144/92 mmHg

RS: BAE (F)

SPO2: 97% on R.A.

PULSE: 70/min

CNS: Confused

CVS: S1+S2

P/A: Soft

ADV: —

Height : 164 cm

Weight : 72 kg.

BMI : 26 kg/m²

Eye Exam. : Vision normal
(-2.5 in B/E).

Ear Exam. : Hearing normal

Sushant Yadav





PRAMUKH

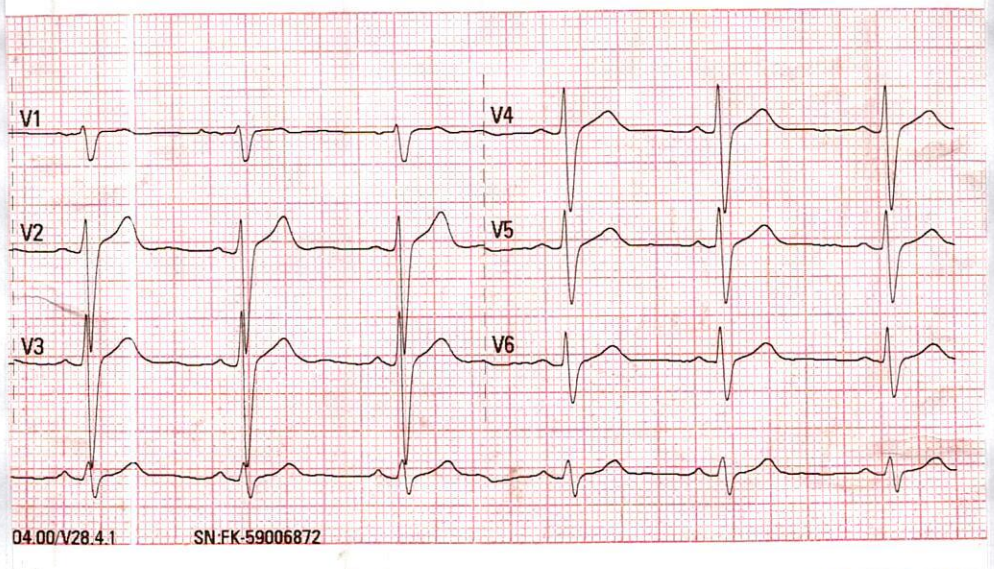
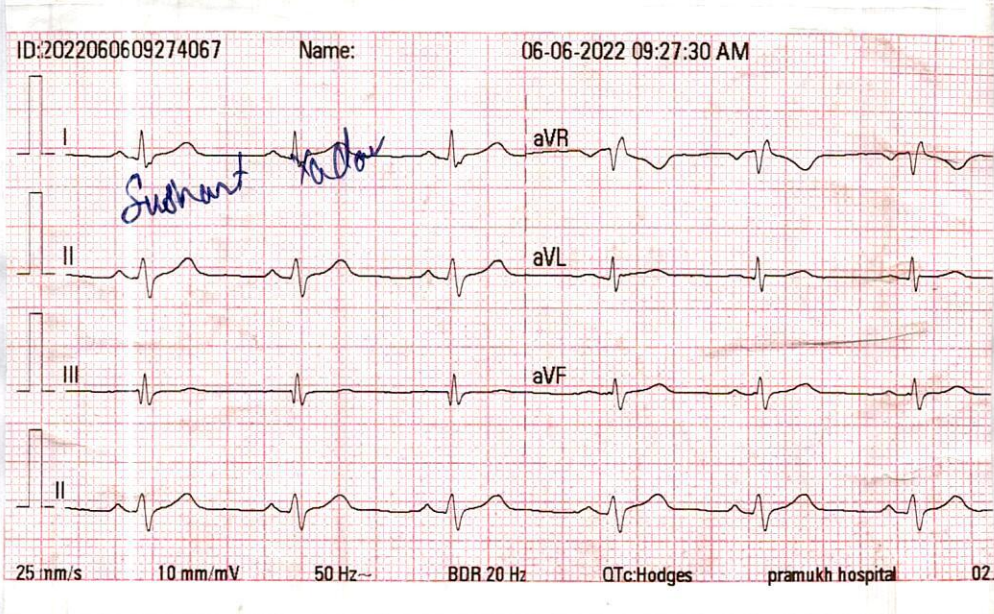


Multispeciality Hospital

Near Old Railway Crossing,
Maninagar (East), Ahmedabad-8.
E-mail : hospitalpramukh@gmail.com

Sushant Yaddav

Date : 06-06-22



Normal ECG

DR. KAMLESH N. SHAH
M.D. (FICA-USA)
Reg. No. G-1345

Emergency Mobile No. 72279719-27
OPD Mobile No. 72279719-28
ICU Mobile No. 72279719-29

24 hours facility for emergency treatment

Handwritten signature/initials



Sanya
DIAGNOSTICS

■ MRI ■ CT Scan ■ Sonography ■ Colour Doppler ■ Digital X-Ray ■ 2D - Echo ■ Mammography

NAME: SUSHANT YADAV
REF.BY: DR. PRAMUKH HOSPITAL

31YRS/M

DATE: 06/06/2022

X-RAY CHEST PA VIEW:

Both lung fields appear normal.

No e/o pleural effusion is seen on either side.

Cardiac size appears normal.


Both domes of diaphragm are normal

The bony thoracic cage appears normal.

DR.SANDIP MEVADA
M.D.

DR.ANIRUDDHSINH RAHEVER
DMRD DNB

DR. RUCHIT SHAH
M.D.


DR. PRANAY PATEL
M.D.



NAME: SUSHANT YADAV

31YRS/M

DATE: 06/06/2022

REF.BY: DR. PRAMUKH HOSPITAL

U.S.G. OF ABDOMEN

Liver: appears normal in size & shows normal echopattern. No focal lesion is seen. No dilated IHBR is seen. Portal vein and CBD appear normal in course and caliber.

Gall bladder: is moderately distended & appears normal. No calculus, sludge or mass is seen. Gall bladder wall thickness appears normal.

Pancreas: appears normal in size & echopattern. No focal lesion is seen.

Spleen: appears normal in size and shows normal echotexture. No focal lesion is seen. Splenic vein appears normal.

Both Kidneys appear normal in size, position and echopattern.
C-M differentiation is well preserved on either side.
No calculus or hydronephrosis on either side.
Cortical thickness appears normal on both sides.
No focal lesion is seen on either side.

Urinary bladder is moderately distended & appears normal. No calculus, internal echoes or mass is seen. Urinary bladder wall thickness appears normal.

Prostate appears normal in size and echotexture. No focal lesion is seen

Para-aortic region appears normal.
No abdominal lymphadenopathy is seen.
Bowel loops appear normal in caliber & show normal peristalsis.
No abnormal dilatation of bowel loops or wall thickening is seen.
No fluid collection or lump formation is seen in RIF.
No ascites is seen.
No pleural effusion is seen on either side.


IMPRESSION:

- **No significant abnormality identified.**

DR.SANDIP MEVADA
M.D.

DR.ANIRUDDHSINH RAHEVER
DMRD DNB

DR. RUCHIT SHAH
M.D.


DR. PRANAY PATEL
M.D.





Summary

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

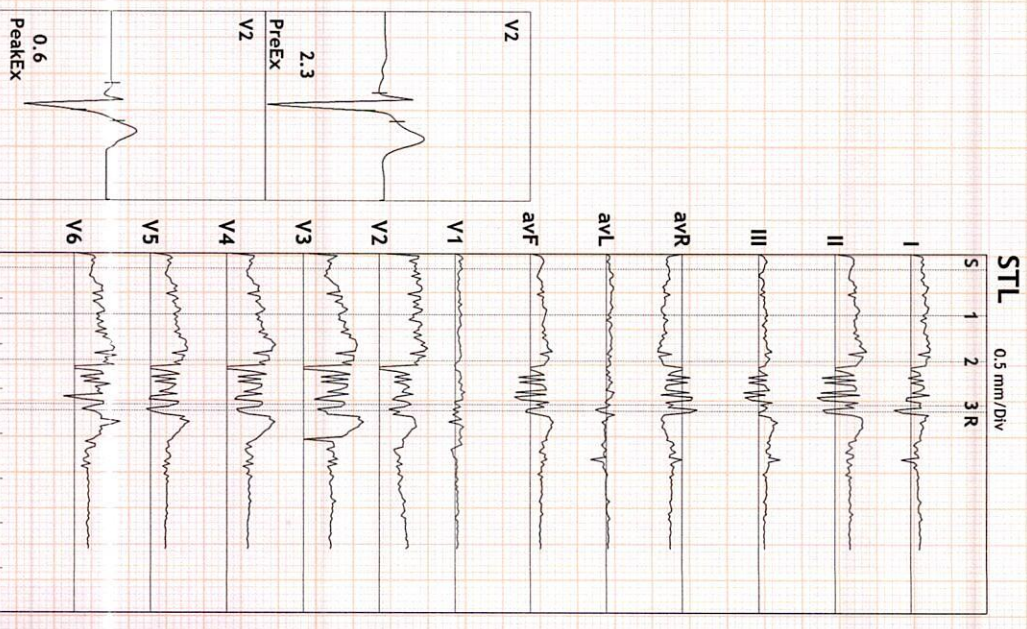
Ref. By : BOB
Medication : NO
Objective : NO

1047/SUSHANT YADAV 32 Yrs/Male 72 Kg/164 Cms
Date: 06-Jun-2022 09:31:05 AM
Protocol : BRUCE
History : NO

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	86	142/88	122	-	
Standing					1.0	81	142/88	115	-	
HV					1.0	76	142/88	107	-	
EXStart					1.0	89	142/88	126	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	115	146/92	167	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	134	152/94	203	-	
Stage 3	3:01	9:02	3.4	14.0	10.2	156	158/104	246	-	
PeakEx	0:25	9:26	4.2	16.0	10.7	170	158/104	268	-	
Recovery	1:00		0.0	0.0	4.3	136	158/104	214	-	
Recovery	4:00		0.0	0.0	1.0	106	158/104	167	-	
Recovery	7:00		0.0	0.0	1.0	91	144/96	131	-	

Findings :

Exercise Time : 9:25 minutes
 Max HR attained : 171 bpm 91% of Max Predictable HR 188
 Max BP : 158/104(mmHg)
 Workload attained : 10.7 (Good Effort Tolerance)
 No significant ST segment changes noted during exercise or recovery.
 No Angina/Arrhythmia/S3/murmur
 Final Impression : Test is negative for inducible ischemia.
 Maximum Depression: 6:30
 TARGET HR ACHIEVED.
 MAX HR.



Advice/Comments:

Sushant Yadav

LT B B
 TMT 15 min
 CTMT 15 min

DR. KAMLESH N. SHAH
 M.D. (FICA-USA)
 Reg. No. G-1345

PRAMUKH MULTISPECIALITY HOSPITAL
 MANINAGAR, AHMEDABAD
 DR. KAMLESH N. SHAH



ST Summary

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

1047/SUSHANT YADAV 32 Yrs/Male 72 Kg/164 Cms
Date: 06-Jun-2022 09:31:05 AM

Protocol : BRUCE

STL (mm) 60 mSecs Post J	I	II	III	aVR	aVL	aVF	V1	V2	V3	V4	V5	V6
Supine	0.7	1.2	0.6	-1.0	0.0	0.9	0.2	2.0	1.6	1.5	1.1	1.1
Standing	0.7	1.1	0.4	-0.9	0.2	0.7	0.3	2.3	1.7	1.5	1.2	1.2
HV	0.7	1.1	0.4	-0.9	0.2	0.7	0.3	2.3	1.7	1.5	1.2	1.2
ExStart	0.7	1.1	0.4	-0.9	0.2	0.7	0.3	2.3	1.7	1.5	1.2	1.2
Stage 1	1.1	1.5	0.5	-1.3	0.3	1.0	0.3	2.7	2.7	2.3	1.8	2.0
Stage 2	1.0	1.7	0.7	-1.4	0.1	1.2	0.3	2.6	3.3	2.7	2.1	2.0
Stage 3	0.7	1.5	0.9	-1.1	-0.1	1.2	-0.1	1.8	2.6	2.3	1.8	1.9
PeakX	-1.1	-0.8	0.4	1.0	-0.7	-0.2	-0.2	0.6	0.9	0.6	-0.3	0.5
Recovery	0.8	1.7	0.9	-1.3	-0.1	1.3	0.3	2.4	3.7	2.9	2.2	2.5
Recovery	0.4	0.9	0.6	-0.6	-0.1	0.7	0.1	1.3	1.7	1.4	1.1	0.9
Recovery	0.7	1.2	0.5	-0.9	0.1	0.8	0.2	1.5	1.8	1.5	1.1	1.0
STS mV/Sec.	2.0	4.1	2.2	-3.0	-0.3	3.2	4.0	9.3	9.0	8.0	6.2	5.3
Supine	1.6	3.4	1.8	-2.7	-0.2	2.6	2.6	6.4	6.0	5.8	4.8	3.9
Standing	1.6	3.4	1.8	-2.7	-0.2	2.6	2.6	6.4	6.0	5.8	4.8	3.9
HV	1.6	3.4	1.8	-2.7	-0.2	2.6	2.6	6.4	6.0	5.8	4.8	3.9
ExStart	1.6	3.4	1.8	-2.7	-0.2	2.6	2.6	6.4	6.0	5.8	4.8	3.9
Stage 1	2.1	4.4	2.4	-3.3	-0.1	3.4	2.7	7.0	8.2	7.4	5.9	5.3
Stage 2	2.2	5.0	2.8	-3.6	-0.3	3.9	2.6	6.6	9.4	8.3	6.6	5.9
Stage 3	2.3	5.6	3.2	-4.0	-0.6	4.4	2.6	6.8	10.3	9.6	8.2	6.8
PeakX	2.4	7.1	4.7	-4.8	-1.4	5.9	2.6	8.4	13.5	10.5	8.2	7.1
Recovery	2.3	6.9	4.5	-4.7	-1.2	5.7	3.2	7.4	12.7	11.6	9.4	8.1
Recovery	1.6	6.5	5.0	-4.1	-1.8	5.8	2.7	6.8	11.5	11.0	8.9	6.4
Recovery	1.8	5.8	4.0	-4.0	-1.2	4.9	2.3	5.9	10.2	9.7	7.9	6.1

STI on Next Page

Sushant Yadav



STI	μVs	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
	Supine	2.0	2.7	0.8	-2.3	0.7	1.6	-2.3	1.7	-1.1	-0.6	-0.6	0.7
	Standing	2.3	2.8	0.4	-2.4	1.0	1.6	-0.3	7.3	3.9	3.0	2.0	3.0
	HV	2.3	2.8	0.4	-2.4	1.0	1.6	-0.3	7.3	3.9	3.0	2.0	3.0
	ExStart	2.3	2.8	0.4	-2.4	1.0	1.6	-0.3	7.3	3.9	3.0	2.0	3.0
	Stage 1	3.1	3.5	0.4	-3.3	1.3	1.9	0.0	8.0	6.2	5.1	3.8	5.4
	Stage 2	2.4	3.7	1.2	-3.0	0.6	2.3	-0.3	7.0	7.9	6.1	3.8	4.3
	Stage 3	0.9	2.6	1.8	-1.5	-0.3	2.3	-1.5	3.2	3.5	2.4	1.1	2.9
	PeakEx	-10.6	-16.0	-5.4	13.2	-2.4	-10.7	-4.6	-8.0	-14.1	-10.7	-13.3	-5.9
	Recovery	1.4	2.0	0.5	-1.5	0.5	1.3	0.0	5.4	6.8	3.8	2.3	4.5
	Recovery	0.6	-0.7	-1.3	0.3	1.1	-1.1	-1.4	2.0	-0.4	-1.4	-2.3	-0.4
	Recovery	2.2	1.4	-0.8	-1.4	1.6	0.2	-0.4	3.8	1.3	-0.2	-1.1	0.3

Dr. S. V. Vaidya



Linked Medians Report

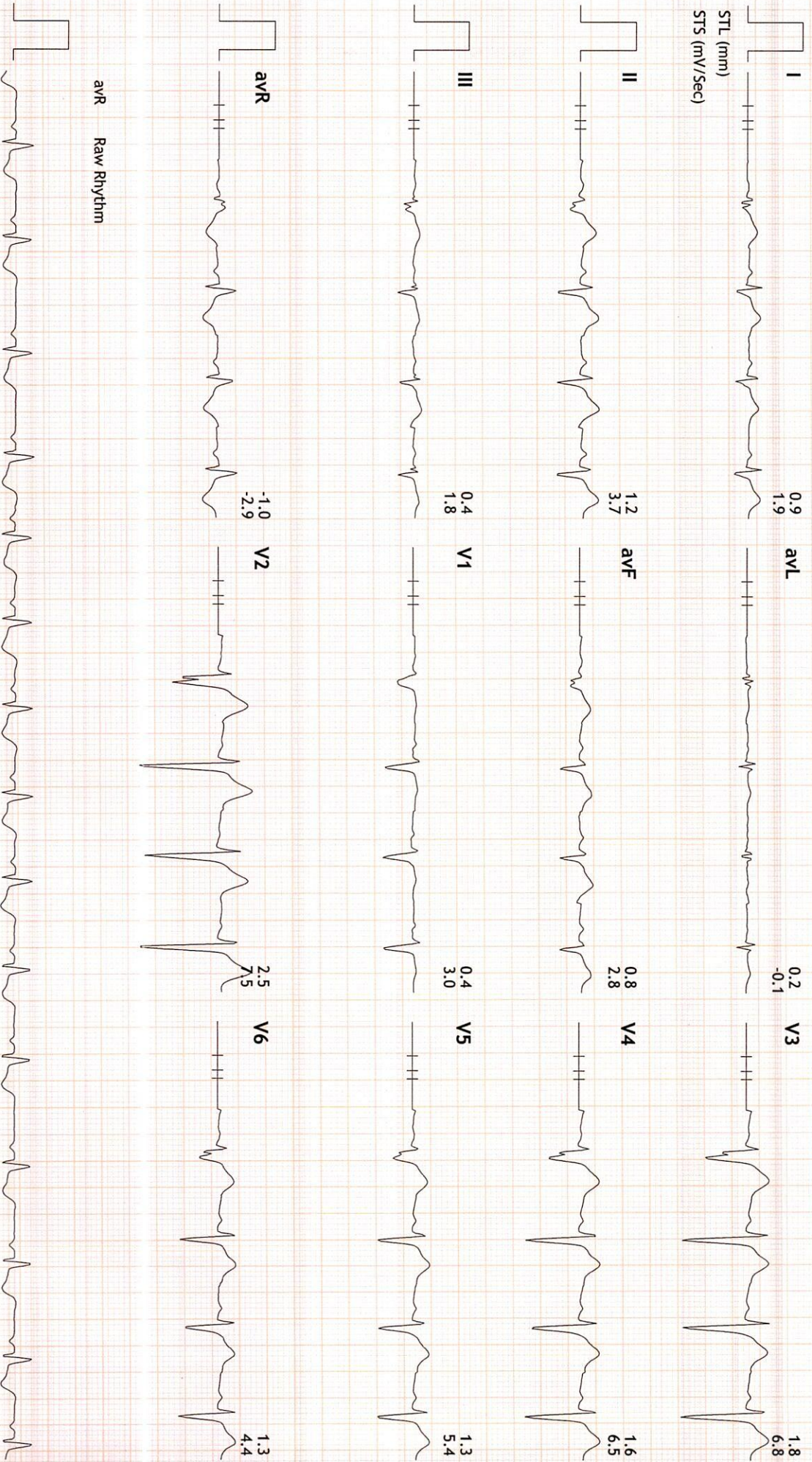
PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MAINNAGAR (E) Amm. 08.

1047/SUSHANT YADAV HR: 84 bpm
32 Yrs/Male METS: 1.0
72 Kg/164 Cms BP: 142/88
Date: 06-Jun-2022 09:31:05 AM

MPHR: 44% of 188
Speed: 0.0 mph
Grade: 0.0%

BRUCE (1.0-100)Hz
Ex Time 00:37
BLC : On
Notch : On

SUPINE
10.0 mm/mV
25 mm/Sec.





Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08..

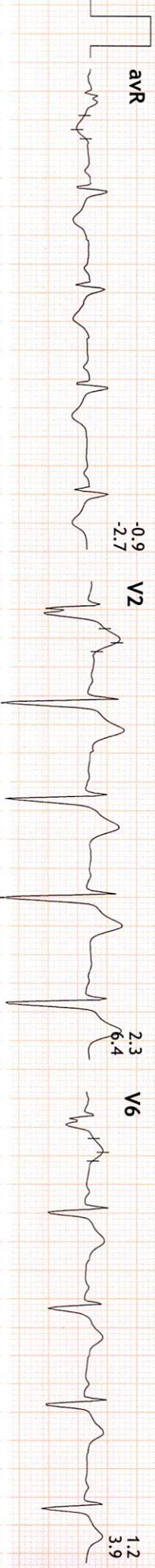
1047/SUSHANT YADAV HR: 79 bpm
32 Yrs/Male METS: 1.0
72 Kg/164 Cms BP: 142/88
Date: 06-Jun-2022 09:31:05 AM

MPHR: 42% of 188
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 00:52
BLC :On
Notch :On

STANDING
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

1047/SUSHANT YADAV HR: 76 bpm
32 Yrs/Male METS: 1.0
72 Kg/164 Cms BP: 142/88
Date: 06-Jun-2022 09:31:05 AM

MPHR: 40% of 188
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 00:55
BLC :On
Notch :On

HV
10.0 mm/mV
25 mm/Sec.

I
STL (mm)
STS (mV/Sec)

0.7
1.8

avL

0.2
-0.1

V3

1.7
6.6

II

1.0
3.5

avF

0.7
2.7

V4

1.5
6.3

III

0.3
1.8

V1

0.5
2.9

V5

1.1
5.1

avR

-0.9
-2.7

V2

2.4
7.2

V6

1.2
4.2

avR Raw Rhythm





Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR, RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

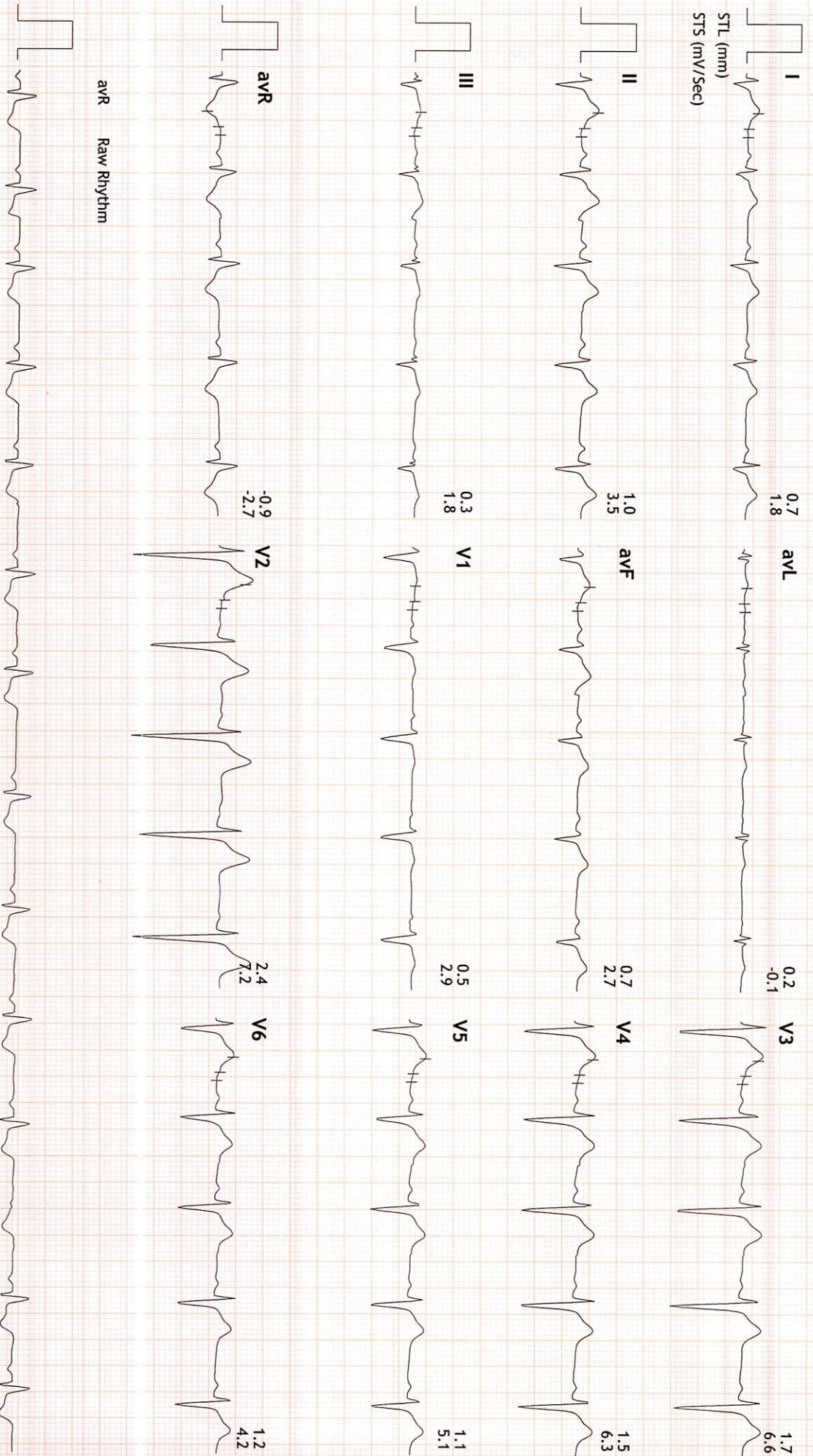
1047/SUSHANT YADAV HR: 89 bpm
32 Yrs/Male METS: 1.0
72 Kg/164 Cms BP: 142/88
Date: 06-Jun-2022 09:31:05 AM

MpHR: 47% of 188
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 00:00
BLC :On
Notch :On

ExStart
10.0 mm/mV
25 mm/Sec.





Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

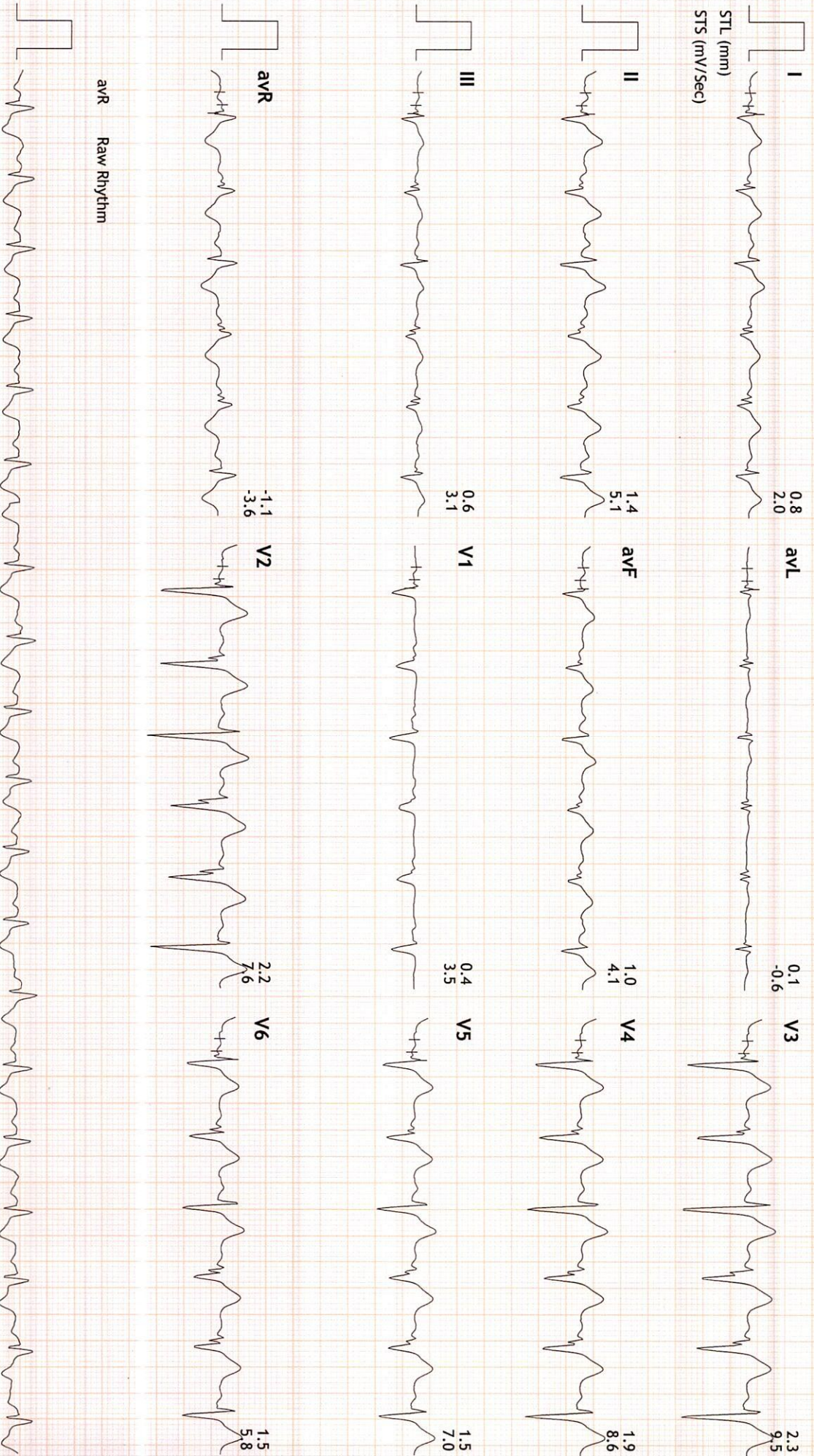
1047/SUSHANT YADAV HR: 115 bpm
32 Yrs/Male METS: 4.7
72 Kg/164 Cms BP: 146/92
Date: 06-Jun-2022 09:31:05 AM

MPHR: 61% of 188
Speed: 1.7 mph
Grade: 10.0%

BRUCE
(1.0-100)HZ

Ex Time 03:00
BLC : On
Notch : On

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



avR Raw Rhythm



Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

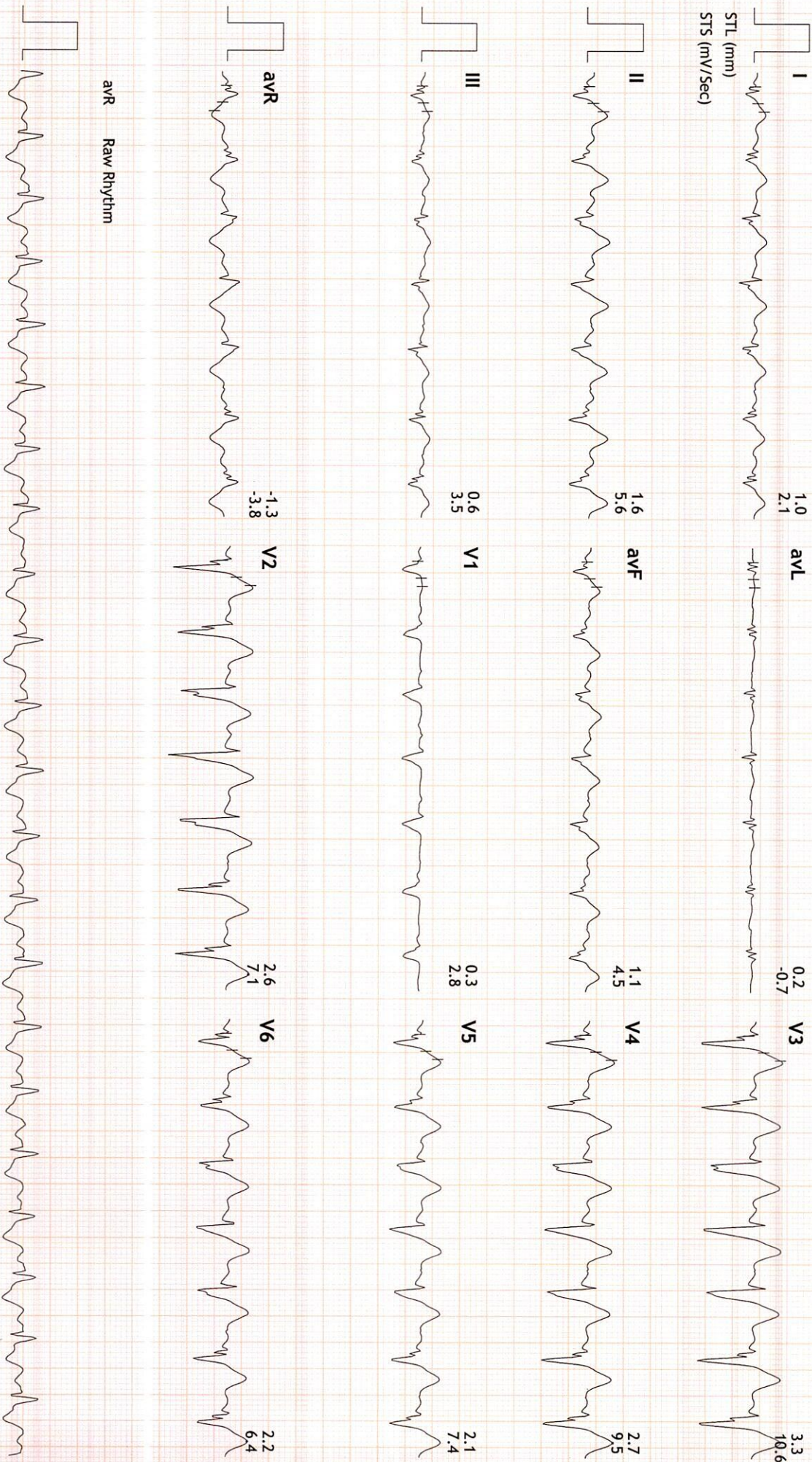
1047/SUSHANT YADAV HR: 134 bpm
32 Yrs/Male METS: 7.1
72 Kg/164 Cms BP: 152/94
Date: 06-Jun-2022 09:31:05 AM

MPHR: 71% of 188
Speed: 2.5 mph
Grade: 12.0%

BRUCE
(1.0-100)HZ

Ex Time 06:00
BLC : On
Notch : On

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





Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MAINNAGAR (E) Amm. 08.

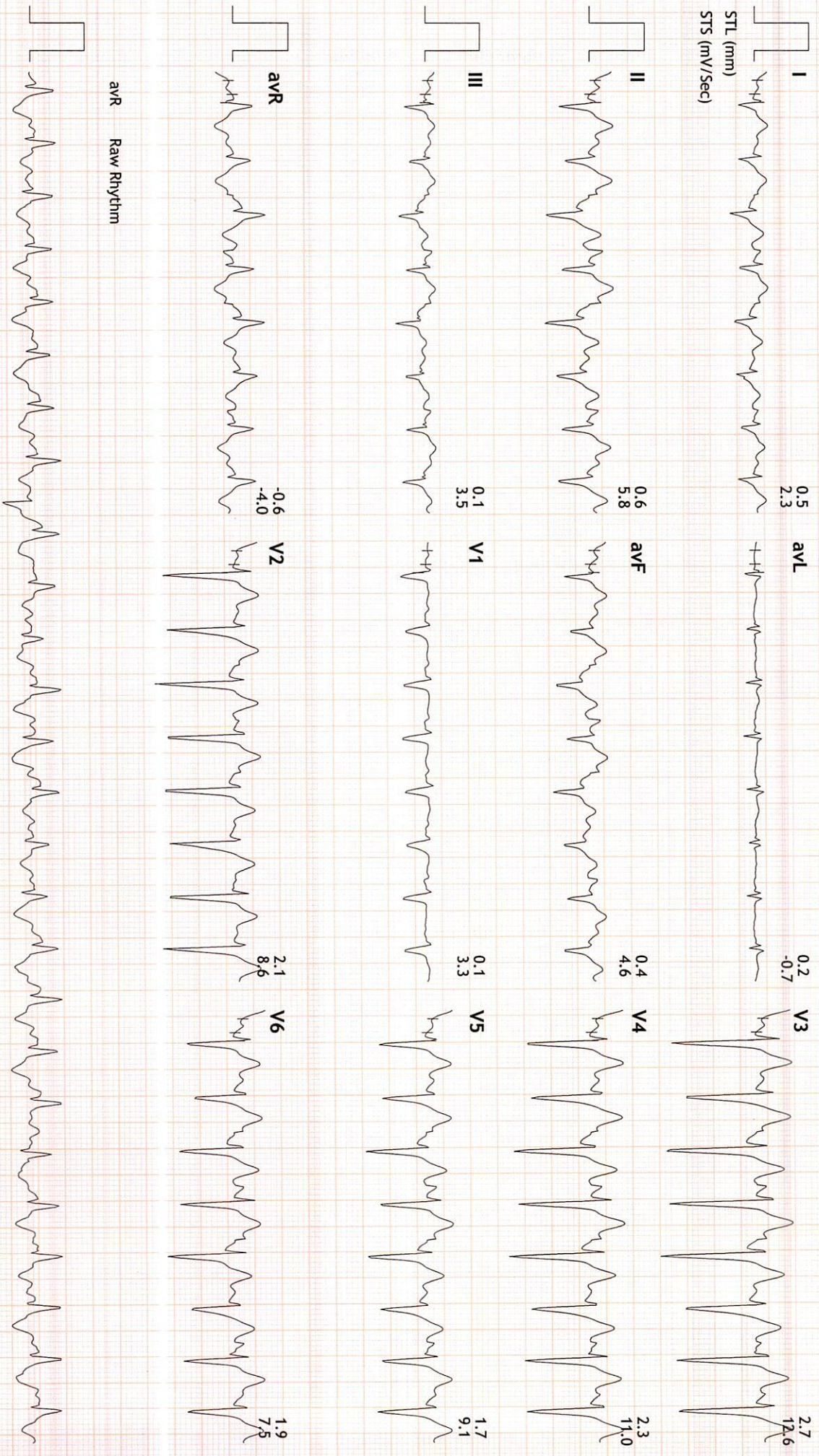
10477/SUSHANT YADAV HR: 156 bpm
32 Yrs/Male METS: 10.2
72 Kg/164 Cms BP: 158/104
Date: 06-Jun-2022 09:31:05 AM

MPHR: 82% of 188
Speed: 3.4 mph
Grade: 14.0%

BRUCE
(1.0-100)Hz

Ex Time 09:00
BLC :On
Notch :On

Stage 3 (03:00)
10.0 mm/mV
25 mm/Sec.





Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

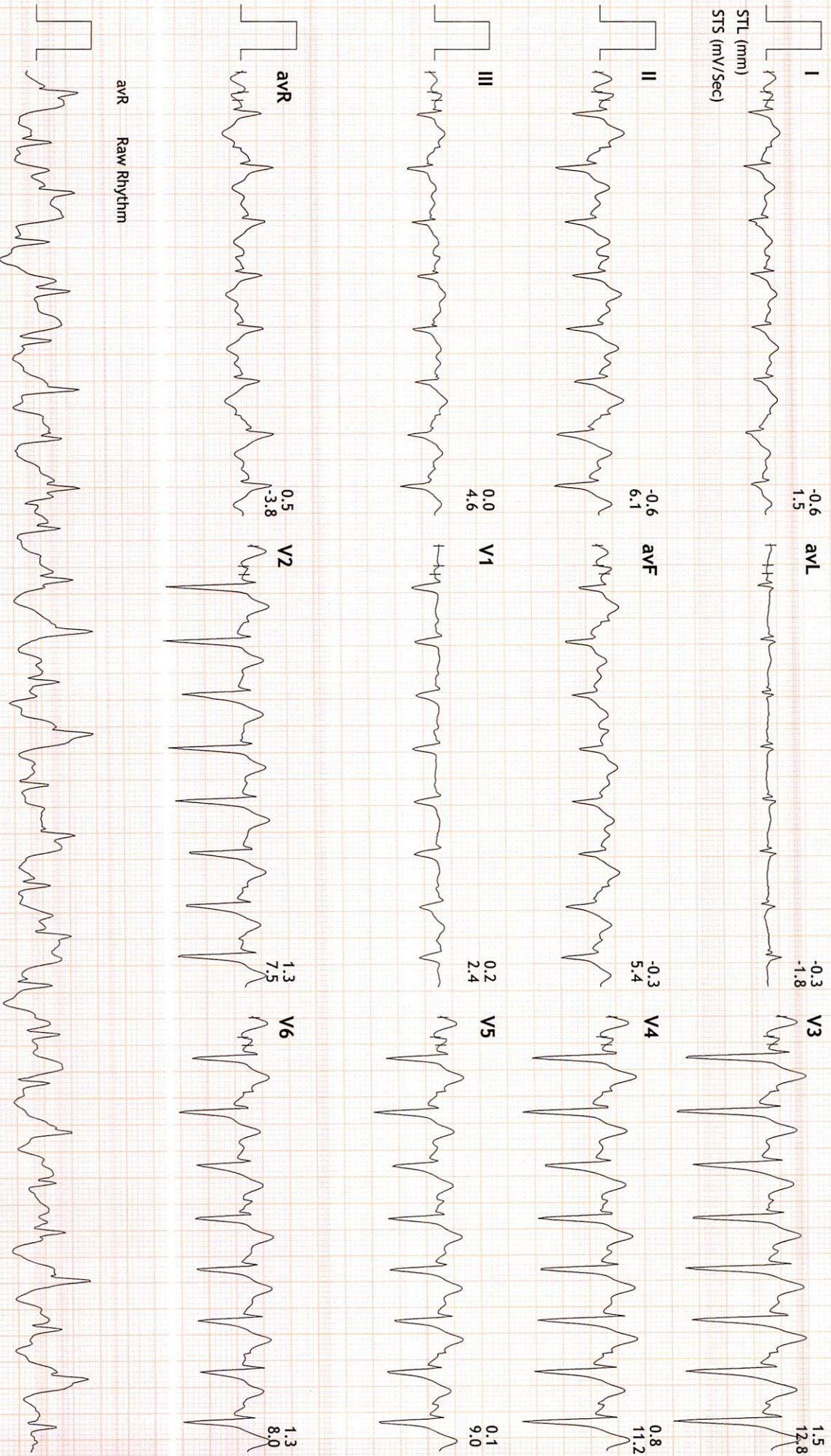
1047/SUSHANT YADAV HR: 170 bpm
32 Yrs/Male METS: 10.7
72 Kg/164 Cms BP: 158/104
Date: 06-Jun-2022 09:31:05 AM

MPHR: 90% of 188
Speed: 4.2 mph
Grade: 16.0%

BRUCE
(1.0-100)Hz

Ex Time 09:24
BLC : On
Notch : On

PeakEx
10.0 mm/mV
25 mm/Sec.





Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

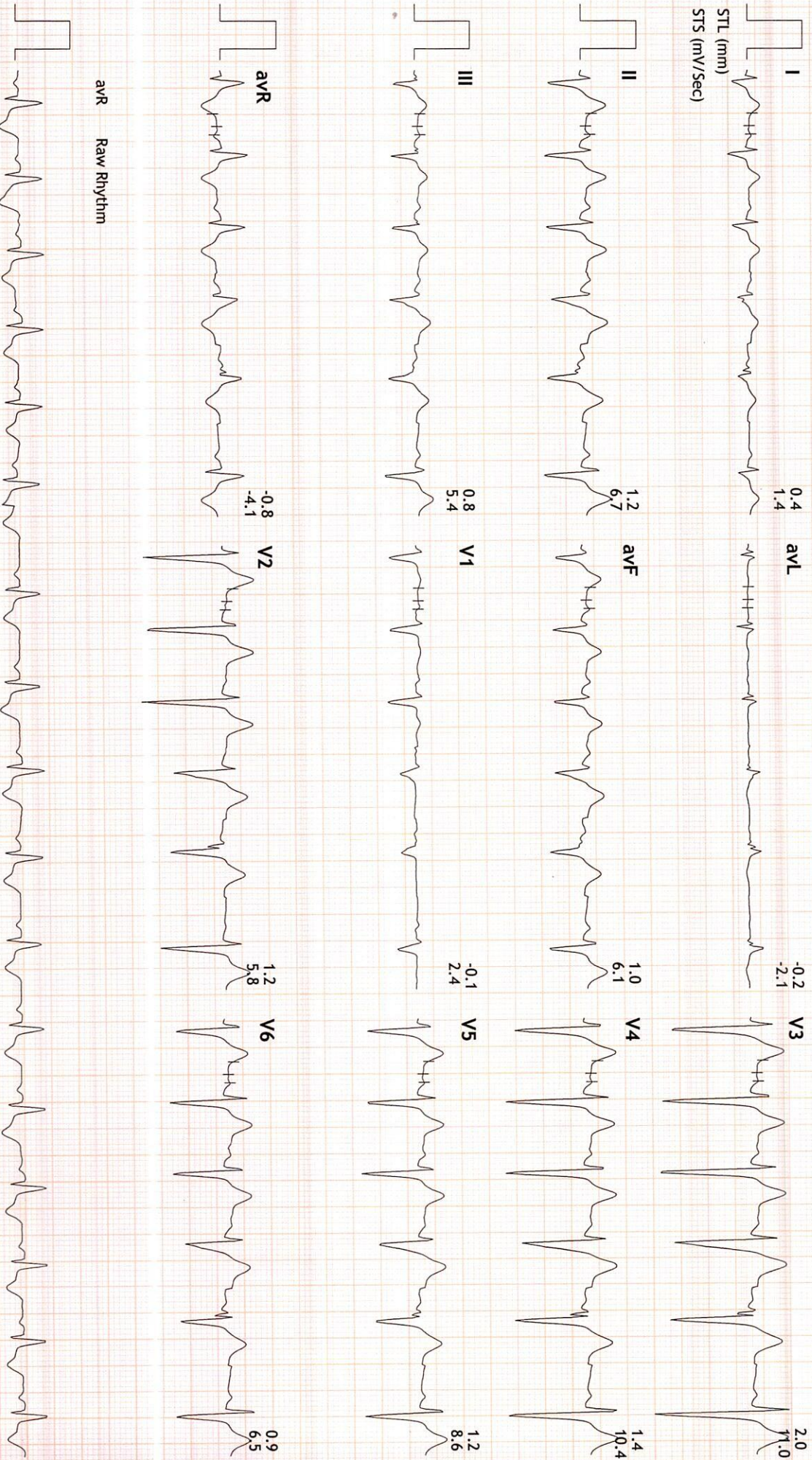
1047/SUSHANT YADAV HR: 110 bpm
32 Yrs/Male METS: 1.0
72 Kg/164 Cms BP: 158/104
Date: 06-Jun-2022 09:31:05 AM

MPPHR: 58% of 188
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 09:24
BLC : On
Notch : On

Recovery : (02:59)
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

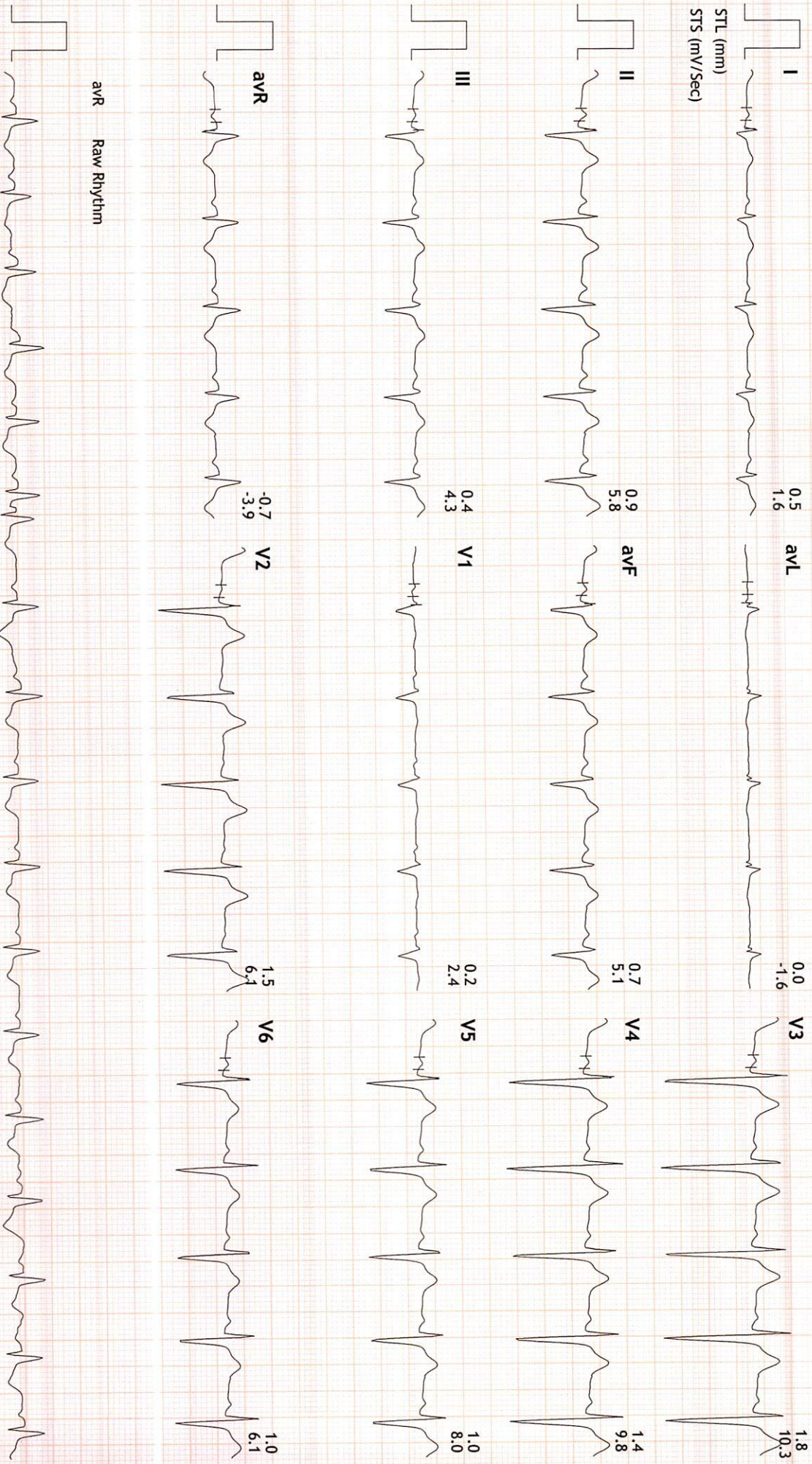
1047/SUSHANT YADAV HR: 112 bpm
32 Yrs/Male METS: 1.0
72 Kg/164 Cms BP: ---/---
Date: 06-Jun-2022 09:31:05 AM

MPHR: 59% of 188
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 09:24
BLC :On
Notch :On

Recovery : (05:59)
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

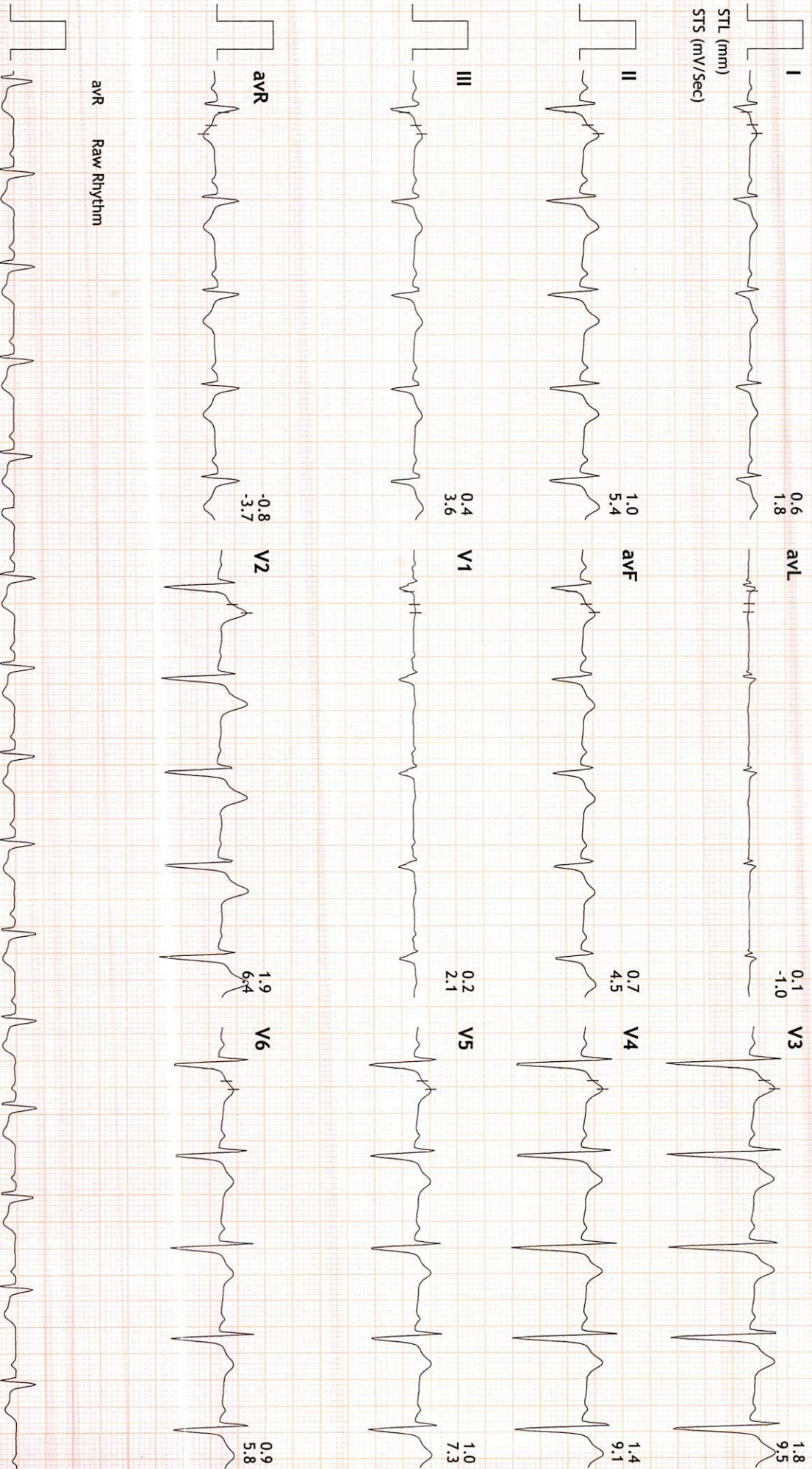
PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

1047/SUSHANT YADAV HR: 91 bpm
32 Yrs/Male METS: 1.0
72 Kg/164 Cms BP: 144/96
Date: 06-Jun-2022 09:31:05 AM

MPHR: 48% of 188
Speed: 0.0 mph
Grade: 0.0%

BRUCE (1.0-100)Hz
Ex Time 09:24
BLC : On
Notch : On

Recovery : (08:59)
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm

R PA



SUSHANT YADAV 31/YRS Male

Chest PA

06/06/2022 11:46:29 AM

SANYA DIAGNOSTICS , MANINAGAR , AHMEDABAD.

आयकर विभाग

INCOME TAX DEPARTMENT

SUSHANT YADAV

ATTAR SINGH

07/07/1991

Permanent Account Number

AIEPY6504F

Sushant yadav

Signature



सत्यमेव जयते

भारत सरकार

GOVT. OF INDIA



27072012

5

Dr. Dharit Shah

MBBS, MD



PROUD TO BE AN INDIAN



GPS Map Camera

Ahmedabad, Gujarat, India

**Bhawan Avenue, Mansarovar Rd, Ahbab Nagar, Maninagar
East, Khokhra, Ahmedabad, Gujarat 380008, India**

Lat N 22° 59' 42.6912" Long E 72° 36' 49.23"

06/06/22 09:20 AM



PRAMUKH
MULTI SPECIALITY
HOSPITAL

Above ilage Medical Store,
Nr. Railway Crossing, Maninagar (E)
Ahmedabad - 380 008.

Patient Name : Sushant Attar Singh Yadav
Sample No.. : 5177
Referred : Bank Of Baroda

Age/Sex : 31 Years/Male
Registration On:06/06/2022/13:08
Approved On :06/06/2022 18:27

THYROID FUNCTIONS

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>NORMAL VALUE</u>
Serum T3 :	1.26	ng/dl	0.60 - 1.80 ng/dl
Serum T4 :	8.6	microgm/dl	4.50 - 10.9 microgm/dl
Serum T.S.H :	1.80	microU/ml	0.35 - 5.55 microU/ml

COMMENTS :

TSH levels may be affected by acute illness and drugs like doapamine and gluco corticoids.

Low or undetectable TSH is suggestive of Grave-s disease

TSH between 5.5 to 15.0 with normal T3 T4 indicates impaired thyroid hormone or subclinical hypothyroidism or normal T3 T4 with slightly low TSH suggests subclinical Hyperthyroidism.

TSH suppression does not reflect severity of hyperthyroidism therefore , measurement of FT3 ,FT4 is important.

FreeT3 is first hormone to increase in early Hyperthyroidism.

Only TSH level can prove to be misleading in patients on treatment. Therefore FreeT3 , FreeT4 along with TSH should be checked.

During pregnancy clinically T3 T4 can be high and TSH can be slightly low

PATHOLOGIST

Dr.Satishkumar Patel

M.D.,Patho

Reg No :G-6486



Patient Name : Sushant Attar Singh Yadav
Sample No.. : 5177
Referred : Bank Of Baroda

Age/Sex : 31 Years/Male
Registration On:06/06/2022/13:08
Approved On :06/06/2022 17:06

COMPLETE BLOOD COUNT

Test		Result	Unit	Biological Ref. Interval
BLOOD COUNT				
Hemoglobin	colorimetric	15.1	g/dL	13 - 17
R.B.C Count	Electrical impedance	5.47	mill/cmm	4.5 - 5.5
W.B.C Count	Electrical impedance	7.4	10 ³ /uL	4.0 - 10.0
Platelet Count	Electrical impedance	162	10 ³ /uL	150 - 450
DIFFERENTIAL COUNT				
Polymorphs	Microscopic	58	%	60 - 70
Lymphocytes	Microscopic	39	%	20 - 40
Eosinophils	Microscopic	01	%	1 - 6
Monocytes	Microscopic	02	%	2 - 10
Basophils	Microscopic	00	%	0 - 2
BLOOD INDISES				
HCT	Rbc Histogram	46.2	%	40 - 50
MCV	Calculated	84.5	fl	80 - 100
MCH	Calculated	27.6	pg	27 - 32
MCHC	Calculated	32.7	g/dl	32 - 36
RDW-CV	Calculated	14	%	10 - 16.5
PERIPHERAL SMEAR EXAMINATION				
SMEAR RBC Line 1: Normochromic normocytic red cells.				
SMEAR Platelets: Adequate				
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Erythrocyte sedimentation rate				
ESR AT 1 hour	westergren	11	mm/Hour	00 - 15

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HOSPITAL

Above ilage Medical Store,
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Ahmedabad - 380 008.

Patient Name : Sushant Attar Singh Yadav
Sample No.. : 5177
Reffered : Bank Of Baroda

Age/Sex : 31 Years/Male
Registration On:06/06/2022/13:08
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BLOOD GROUP

<u>Test</u>	<u>Result</u>
BLOOD GROUP	: "AB"
RH GROUP	: POSITIVE.

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COMPLETE BLOOD CHEMISTRY

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S. Cholesterol	: 127.15	mg/dl	Desirable : < 200 Borderline High : 200 - 239 High : > 240
Serum Triglycerides	: 167.12	mg/dl	Normal : Normal < 150 Borderline : 150 - 199 High : > 200
HDL Cholesterol	: 43.18	mg/dl	40 - 60 mg/dl
Serum LDL Cholesterol (Calculated)	: 50.54	mg/dl	Up to 150
Cholesterol/HDLC Ratio (Calculated)	: 2.94	mg/dl	Up to 5.0
Serum VLDL Cholesterol (Calculated)	: 33.42	mg/dl	Up to 35
LDLC/HDLC Ratio (Calculated)	: 1.17	mg/dl	Up to 3.4
Total Lipid (Calculated)	: 537.99	mg/dl	400 - 1000 mg/dl
Sr. Creatinine	: 0.86	mg/dl	0.6 - 1.2 mg/dl
Sr. Uric Acid	: 6.91	mg/dl	3.2 - 7.2 mg/dl
S. Bilirubin (Total)	: 0.63	mg/dl	up to 1.2
S. Bilirubin (Direct)	: 0.12	mg/dl	up to 0.2
S. Bilirubin (Indirect)	: 0.51	mg/dl	up to 1.0
SGOT	: 6.93	U/L	up to 40
SGPT	: 20.68	U/L	up to 42
GGT	: 12.87	U/L	12 - 64
S.Alkaline Phosphatase	: 101.1	U/L	40 - 129
Total Proteins	: 6.72	g/dl	6.0 - 8.3
Albumin	: 3.84	g/dl	3.5 - 5.2
Globulins	: 2.88	g/dl	2.4 - 3.7
AGRATIO	: 1.333		



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Glycosylated HB - (HBA1C)

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref Interval</u>
HBA1C: (Immunoturbidimetric)	4.3	%	Normal : ≤ 5.6 Prediabetes : 5.7 - 6.4 Diabetes : ≥ 6.5 DIABETES CONTROL CRITERIA 6 - 7 : Near Normal Glycemia < 7 : Goal 7 - 8 : Good Control > 8 : Action Suggested
Mean Blood Glucose:	76.71	mg/dl	

Criteria for the diagnosis of diabetes

- HbA1c ≥ 6.5 *
Or
- Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.
Or
- Two hour plasma glucose ≥ 200 mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.
Or.
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose ≥ 200 mg/dL. *In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34:S11.

Limitation of HbA1c

- In patients with Hb variants even analytically correct results do not reflect the same level of glycemic control that would be expected in patients with normal population. 2) Any cause of shortened erythrocyte survival or decreased mean erythrocyte survival or decreased mean erythrocyte age eg. hemolytic diseases, pregnancy, significant recent/chronic blood loss etc. will reduce exposure of RBC to glucose with consequent decrease in HbA1c values. 3) Glycated HbF is not detected by this assay and hence specimens containing high HbF ($>10\%$) may result in lower HbA1c values than expected.

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PROSTATE SPECIFIC ANTIGEN

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
PSA	: 0.65 ng/ml	Less than 4.0ng/ml

PSA is secreted by the prostate. PSA levels increase with age due to various conditions.

Most common cause of high PSA includes Benign prostatic hyperplasia and

PSA > 25 should be confirmed with histopathological examination.

Free PSA is a protein that is reduced in patients with prostate carcinoma.

RELATIONSHIP BETWEEN PROBABILITY OF PROSTATE MALIGNANCY & FREE PSA TO TOTAL PSA

Free PSA to Total PSA 0-10% 10-15% 15-20% 20-25% >25%

Probability of Malignancy 56% 28% 20% 16% 8%

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BLOOD SUGAR LEVEL

Specimen :

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Interval</u>
Fasting Blood Sugar: (GOD-POD)	72.19	mg/dl	70-110
Post Prandial Blood Glucose: (GOD-POD)	102.2	mg/dl	100 - 150

American Diabetes Association Reference Range :

Normal : < 100 mg/dl

Impaired fasting glucose(Prediabetes) : 100 - 126 mg/dl

Diabetes : >= 126 mg/dl

Conditions that can result in an elevated blood glucose level include: Acromegaly, Acute stress (response to trauma, heart attack, and stroke for instance), Chronic kidney disease, Cushing syndrome, Excessive consumption of food, Hyperthyroidism, Pancreatitis. A low level of glucose may indicate hypoglycemia, a condition characterized by a drop in blood glucose to a level where first it causes nervous system symptoms (sweating, palpitations, hunger, trembling, and anxiety), then begins to affect the brain (causing confusion, hallucinations, blurred vision, and sometimes even coma and death). A low blood glucose level (hypoglycemia) may be seen with: Adrenal insufficiency, Drinking excessive

alcohol, Severe liver disease, Hypopituitarism, Hypothyroidism, Severe infections, Severe heart failure, Chronic kidney (renal) failure, Insulin overdose, Tumors that produce insulin (insulinomas), Starvation.

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URINE EXAMINATION

PHYSICAL :

Colour - **Pale Yellow**
Deposits - **Absent**
Transparency - **Clear**
Reaction - **Acidic**
Sp. Gravity - **1.005**

CHEMICAL :

Albumin - **Absent**
Sugar - **Absent**
Bile Salts - **Absent**
Bile Pigments - **Absent**

MICROSCOPIC: (After centrifugation at 2000 r.p.m. for 5 minutes)

Pus Cells - **Not seen** /h.p.f.
Red Cells - **Not seen** /h.p.f.
Epithelial Cells - **2 - 3** /h.p.f.
Casts - **Not seen**/l.p.f.
Crystals - **Not seen**
Amorphous - **Not seen**



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BLOOD UREA NITROGEN

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Urea:	22.89	mg/dl	10 - 50 mg/dl
Blood Urea Nitrogen:	10.7	mg/dl	08 - 23 mg/dl

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