



PRAMUKH

MULTI SPECIALITY

HOSPITAL

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

MEDICAL EXAMINATION

DATE :- 24 July 2021

NAME :- AMIT K. SAROLIYA

AGE /SEX :- 30 YRS. / MALE

O/E :

T: Normal.

BP: 124/82 mmHg.

P: 88/min.

RS: BAET

SPO2: 97% on R.A.

CNS: Cowton.

CVS: S1+S2

P/A: Soft

ADV:

Height: 177cm

Weight: 81kg.

BMI: 25.9

Eye Exam.: Vision Normal.

Ear Exam.: Hearing Normal.



B.A. Panchal

Dr. Brijesh Panchal
MBBS

Regd. No. G-28095
PRAMUKH MULTISPECIALITY HOSPITAL
Maninagar, Ahmedabad-8.

Amit



NAME: AMIT SAROLIYA

M/30YRS.

DATE: 24/07/2021

REF.BY: PRAMUKH HOSPITAL

U.S.G. OF ABDOMEN PELVIS

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 & echopattern. 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.

IMPRESSION:

NO SIGNIFICANT ABNORMALITY IDENTIFIED.

DR. SANDIP MEVADA
M.D.

DR. ANIRUDDHSINH RAHEVAR
DMRD DNB

DR. RUCHIT SHAH
M.D.

DR. AMISHA PATEL
M.D.





NAME: AMIT SAROLIYA

M/30YRS.

DATE: 24/07/2021

REF.BY: PRAMUKH HOSPITAL

X RAY CHEST PA VIEW

Both lung fields under vision appears normal.

No evidence of koch's lesion or consolidation is seen.

Both CP angles are clear.

Cardiac size is within normal limits.

Bony thoracic cage and both domes of diaphragm appears normal.

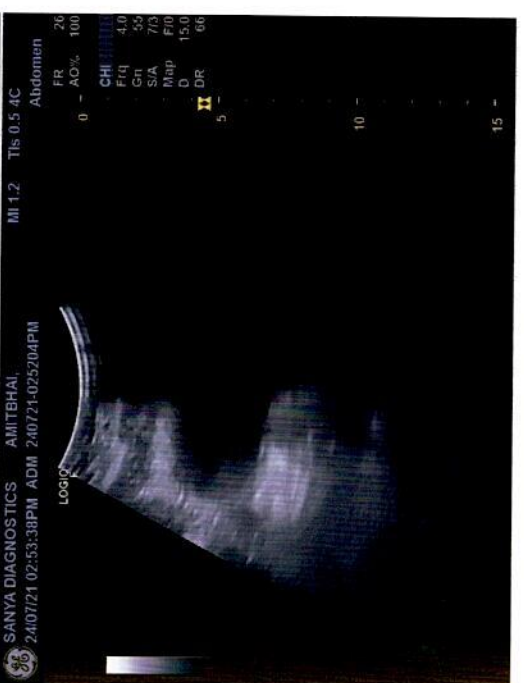

DR. SANDIP MEVADA
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M.D.





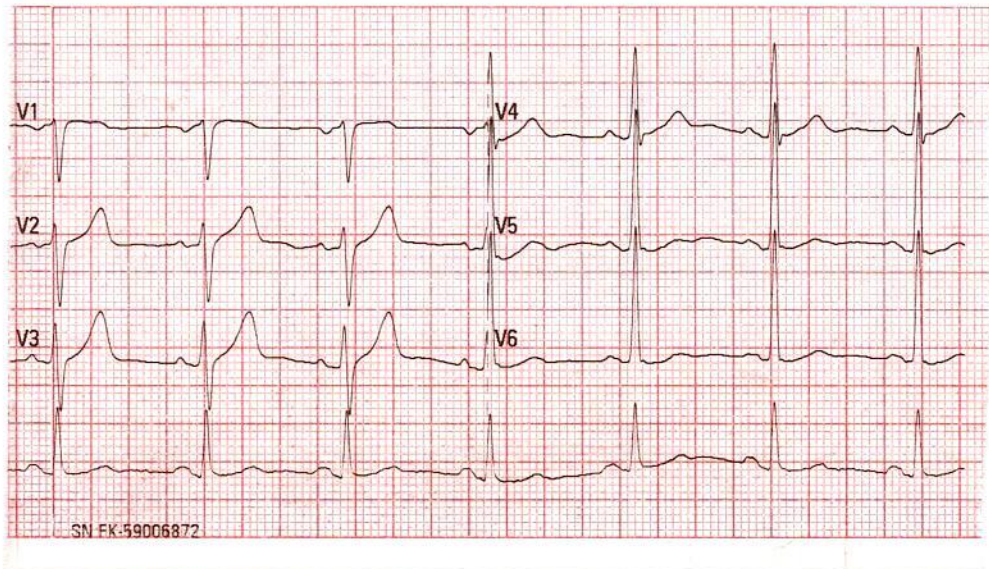
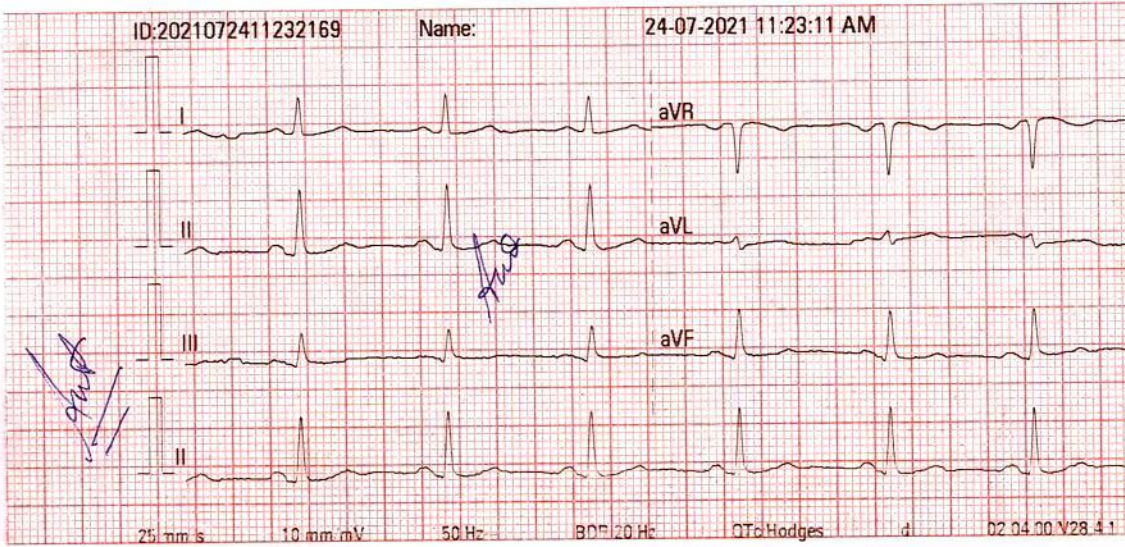


Amit K. Saroliya
30yrs/male

PRAMUKH
MULTI SPECIALITY
HOSPITAL

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

24/7/21



NBR hnd

P. 78

DR. KAMLESH N. SHAN
M.D. (FICA-USA)
Reg. No. G-1345
PRAMUKH MULTISPECIALITY HOSPITAL
MANINAGAR, AHMEDABAD.



Summary

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

519/AMIT K SAROLIYA 30 Yrs/Male 81 Kg/177 Cms

Date: 24-Jul-2021 11:49:30 AM

Ref. By : BOB
 Medication : NO
 Objective : CONSUMING LOOSE TOBACCO SINCE 4 YEARS.

Protocol : BRUCE
 History : NO

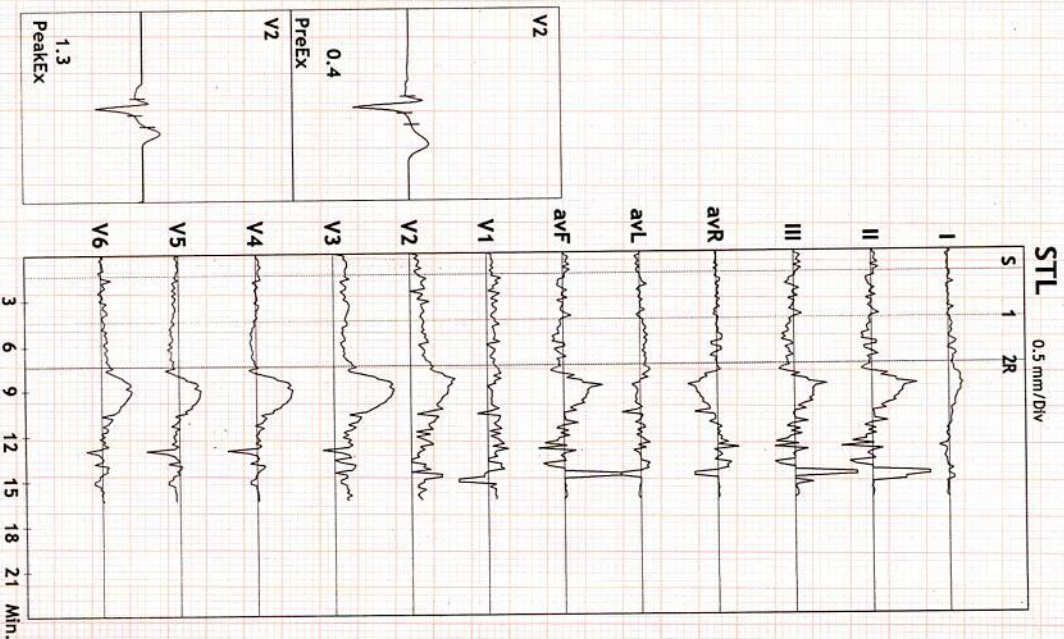
Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	101	124/82	125	-	
Standing					1.0	99	124/82	122	-	
HV					1.0	100	124/82	124	-	
ExStart					1.0	95	124/82	117	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	149	132/82	196	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	179	140/88	250	-	
PeakEx	0:03	6:04	3.4	14.0	7.2	175	140/88	245	-	
Recovery	1:00		0.0	0.0	1.1	165	140/88	231	-	
Recovery	4:00		0.0	0.0	1.0	116	140/88	162	-	
Recovery	7:00		0.0	0.0	1.0	109	136/88	148	-	

Findings :

Exercise Time : 6:03 minutes
 Max HR attained : 179 bpm 94% of Max Predictable HR 190
 Max BP : 140/88(mmHg)
 Workload attained : 7.2 (Fair 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: 6:03
 TARGET HR ACHIEVED.
 MAX HR.

Advice/Comments:

Amf



DR. KAMLESH N. SHAH
 M.D. (FICA-USA)
 Reg. No. G-1345
 PRAMUKH MULTI SPECIALITY HOSPITAL
 MANINAGAR, AHMEDABAD



ST Summary

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

519/AMIT K SAROLIYA 30 Yrs/Male 81 Kg/177 Cms
 Date: 24-Jul-2021 11:49:30 AM

Protocol : BRUCE

STL (mm) 60 msecs Post J	Protocol : BRUCE											
	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine	-0.1	0.2	0.2	0.0	-0.1	0.2	0.4	0.6	0.9	0.2	-0.1	0.0
Standing	-0.1	0.4	0.4	-0.1	-0.3	0.4	0.3	0.4	0.9	0.3	-0.1	0.1
HV	-0.1	-0.1	0.0	0.1	-0.1	0.0	0.4	0.7	0.8	0.1	0.0	0.1
ExStart	-0.1	0.1	0.2	0.0	-0.2	0.1	0.4	0.4	0.8	0.1	-0.2	0.0
Stage 1	-0.1	-0.1	0.0	0.1	0.0	-0.1	0.5	0.8	0.7	-0.2	-0.5	0.1
Stage 2	0.2	-0.2	-0.4	0.0	0.3	-0.3	0.4	1.3	1.2	-0.1	-0.4	0.5
PeakEx	0.2	-0.2	-0.4	0.0	0.3	-0.3	0.4	1.3	1.2	-0.1	-0.4	0.5
Recovery	0.8	0.6	-0.2	-0.7	0.5	0.2	0.9	2.9	2.9	1.3	0.5	1.5
Recovery	0.1	1.0	0.8	-0.5	-0.4	0.9	0.4	1.1	0.9	-0.1	-0.5	0.1
Recovery	-0.1	0.0	0.0	0.7	0.5	0.0	1.1	1.2	1.1	0.1	-0.2	0.3
STS mV/Sec.												
Supine	0.4	0.1	-0.3	-0.2	0.4	-0.1	0.3	1.4	1.3	0.5	0.1	0.7
Standing	0.3	0.0	-0.3	-0.2	0.3	-0.2	0.3	1.4	1.4	0.6	0.2	0.8
HV	0.2	0.0	-0.1	-0.1	0.1	0.0	0.4	1.3	1.3	0.5	0.0	0.6
ExStart	0.3	0.0	-0.4	-0.1	0.4	-0.2	0.5	1.5	1.4	0.5	0.2	0.6
Stage 1	0.6	1.1	0.4	-0.9	0.1	0.7	-0.2	1.5	2.2	1.7	0.6	1.4
Stage 2	1.3	2.0	0.6	-1.6	0.3	1.3	-0.4	2.7	3.6	2.5	1.7	2.2
PeakEx	1.3	2.0	0.6	-1.6	0.3	1.3	-0.4	2.7	3.6	2.5	1.7	2.2
Recovery	1.9	3.0	1.0	-2.4	0.5	2.0	0.1	4.4	5.9	4.1	2.8	3.6
Recovery	0.8	1.6	0.7	-1.2	0.1	1.2	-0.2	2.0	2.3	1.3	0.7	1.4
Recovery	0.3	0.0	0.0	0.4	0.7	0.0	0.7	1.9	2.0	1.1	0.6	1.1
STI μ Vs												
Supine	-1.2	0.3	1.5	0.5	-1.3	0.9	2.2	1.3	2.6	-0.2	-1.3	-1.2
Standing	-1.2	1.5	2.8	-0.1	-2.0	2.1	1.5	0.2	2.7	0.3	-1.2	-1.1
HV	-0.9	-1.2	-0.4	1.1	-0.3	-0.8	2.5	2.2	1.9	-0.6	-0.6	-0.5
ExStart	-1.3	-0.1	1.2	0.8	-1.4	0.4	2.0	0.5	2.0	-0.7	-1.7	-1.4
Stage 1	-2.3	-3.6	-1.2	3.0	-0.4	-2.5	4.0	1.9	-0.2	-4.5	-4.1	-1.8
Stage 2	-1.5	-4.3	-2.8	3.0	0.6	-3.5	2.9	1.4	0.2	-4.9	-5.5	-1.6
PeakEx	-1.5	-4.3	-2.8	3.0	0.6	-3.5	2.9	1.4	0.2	-4.9	-5.5	-1.6
Recovery	0.6	-2.0	-2.6	0.6	1.6	-2.3	4.4	7.0	4.7	-0.4	-2.5	1.4
Recovery	-1.3	2.0	3.3	-0.4	-2.4	2.7	2.9	2.4	0.4	-3.8	-5.2	-2.8
Recovery	-1.3	0.0	0.0	4.4	2.6	0.0	5.9	4.6	3.0	-1.1	-2.1	0.1

print



Linked Medians Report

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

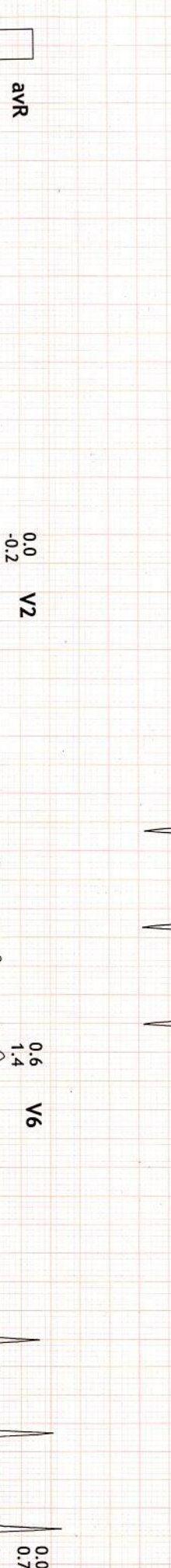
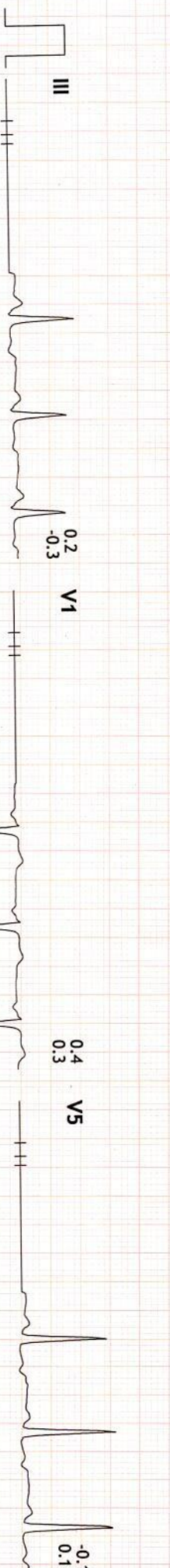
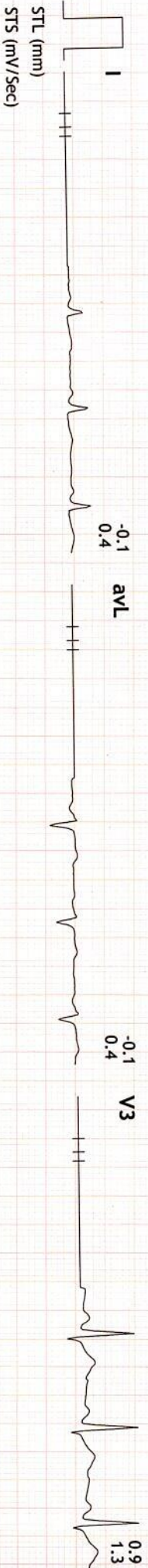
519/AMIT K SAROLIYA HR: 101 bpm
30 Yrs/Male METS: 1.0
81 Kg/177 Cms BP: 124/82
Date: 24-Jul-2021 11:49:30 AM

MPHR: 53% of 190
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 00:32
BLC : On
Notch : On

SUPINE
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Print



Linked Medians Report

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

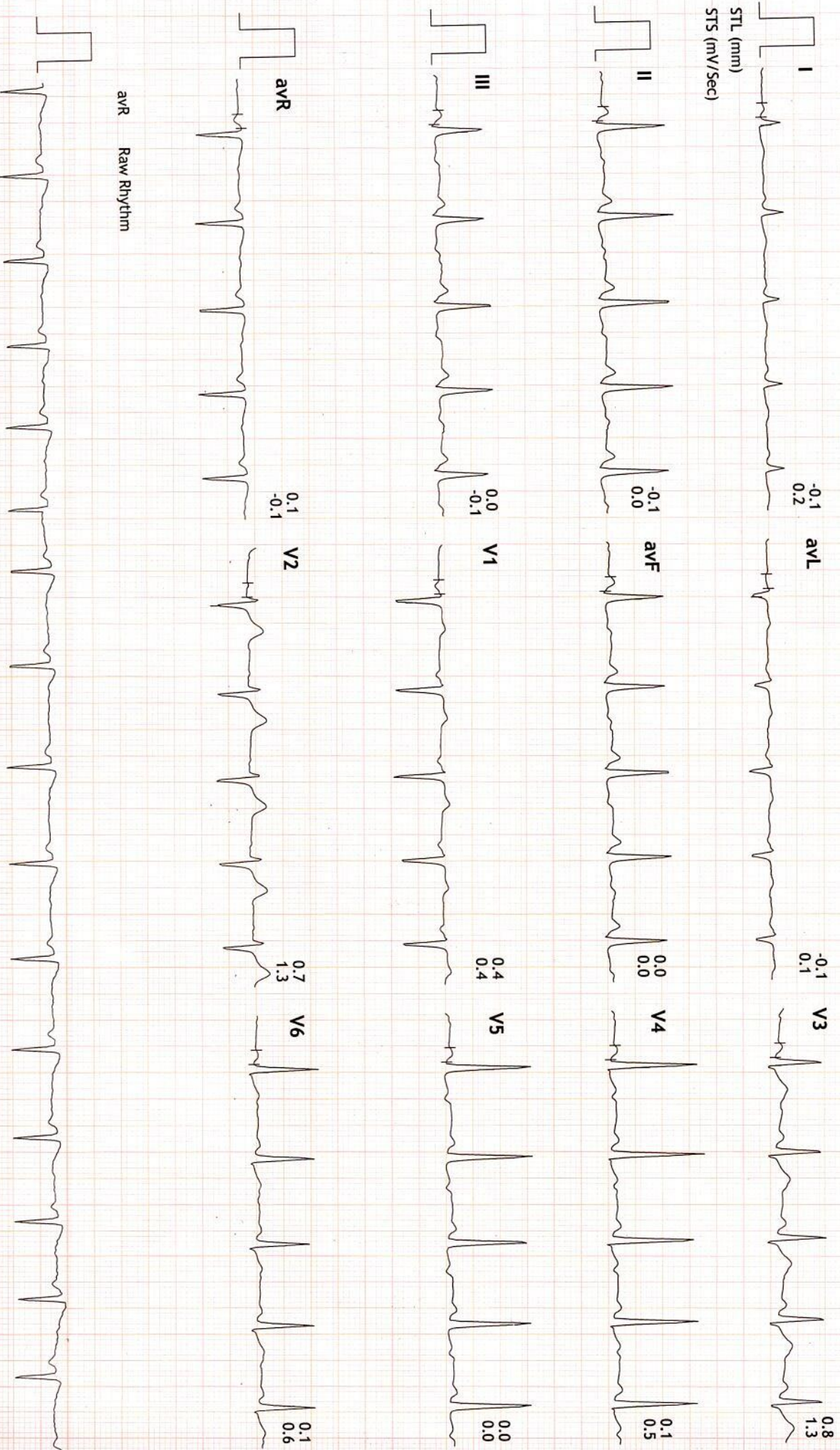
519/AMIT K SAROLIYA HR: 99 bpm
30 Yrs/Male METS: 1.0
81 Kg/177 Cms BP: 124/82
Date: 24-Jul-2021 11:49:30 AM

MpHR: 52% of 190
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 01:00
BLC : On
Notch : On

STANDING
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

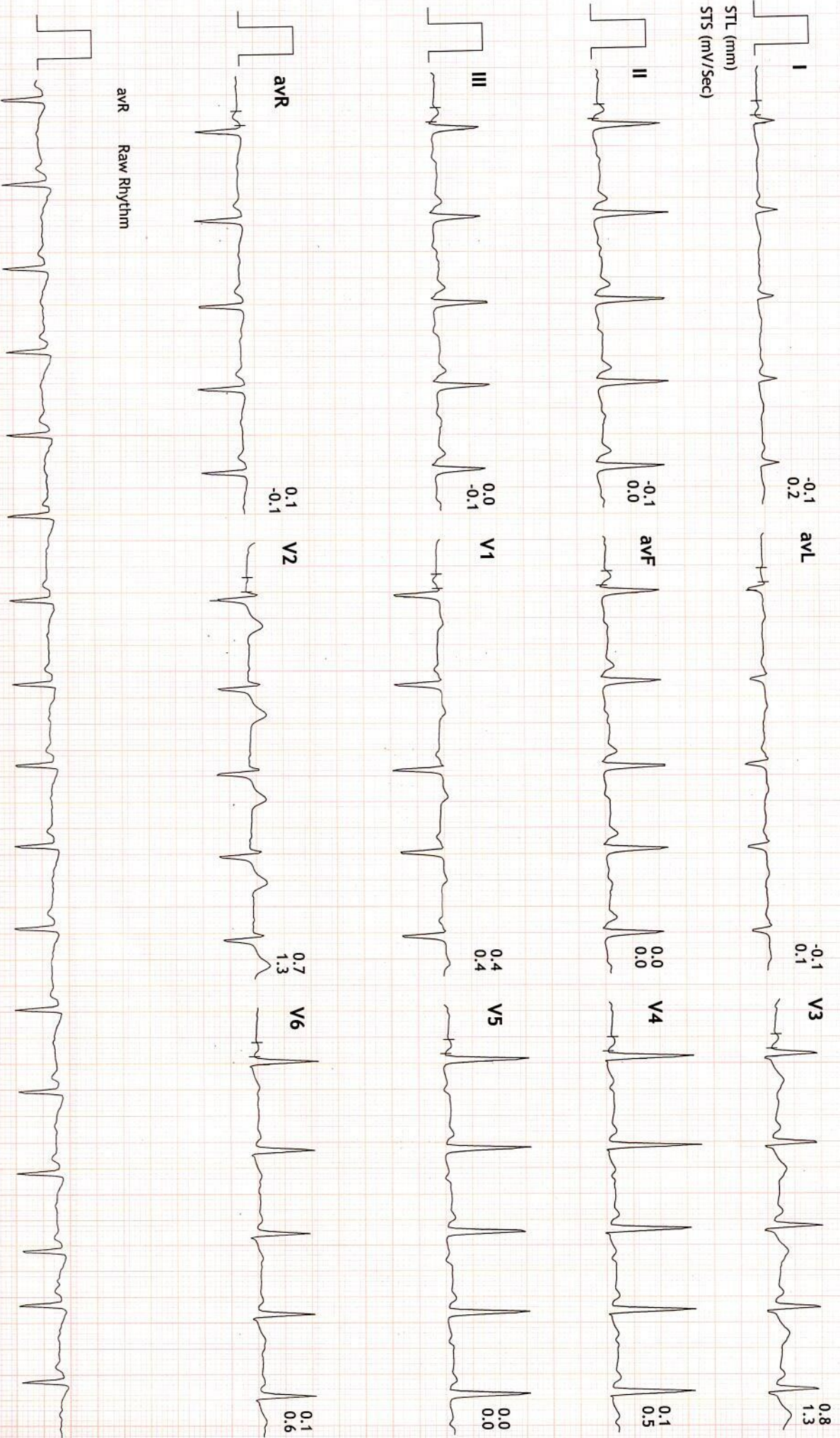
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NR. RAILWAY CROSSING, MANNINAGAR (E) Ahm. 08.

519/AMIT K SAROLIYA HR: 100 bpm
30 Yrs/Male METS: 1.0
81 Kg/177 Cms BP: 124/82
Date: 24-Jul-2021 11:49:30 AM

MPHR: 52% of 190
Speed: 0.0 mph
Grade: 0.0%

BRUCE (1.0-100)Hz
Ex Time 01:07
BLC :On
Notch :On

HV
10.0 mm/mV
25 mm/Sec.





Linked Medians Report

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

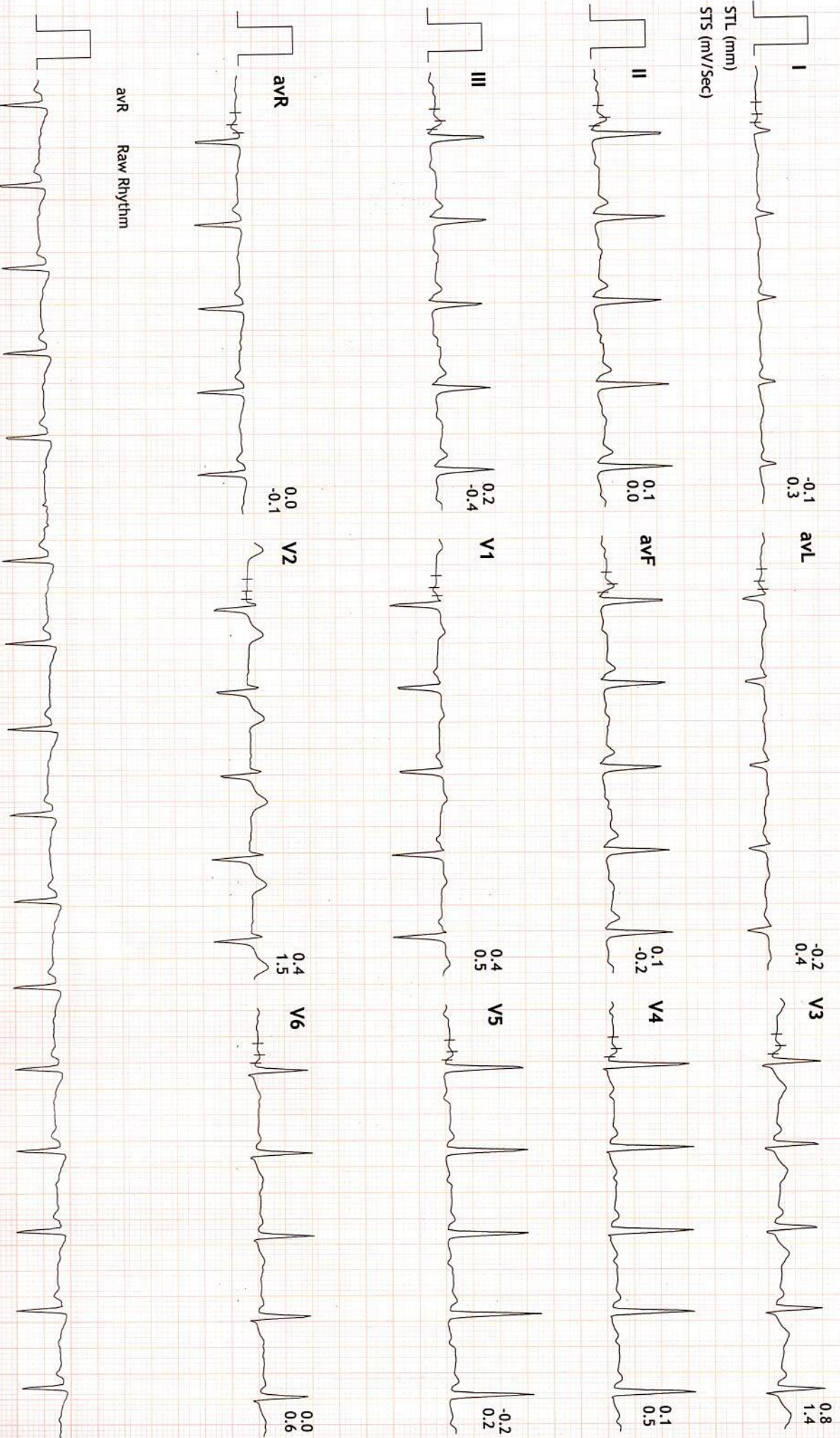
519/AMIT K SAROLIYA HR: 95 bpm
30 Yrs/Male METS: 1.0
81 Kg/177 Cms BP: 124/82
Date: 24-Jul-2021 11:49:30 AM

MpHR: 50% of 190
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.



avR Raw Rhythm



Linked Medians Report

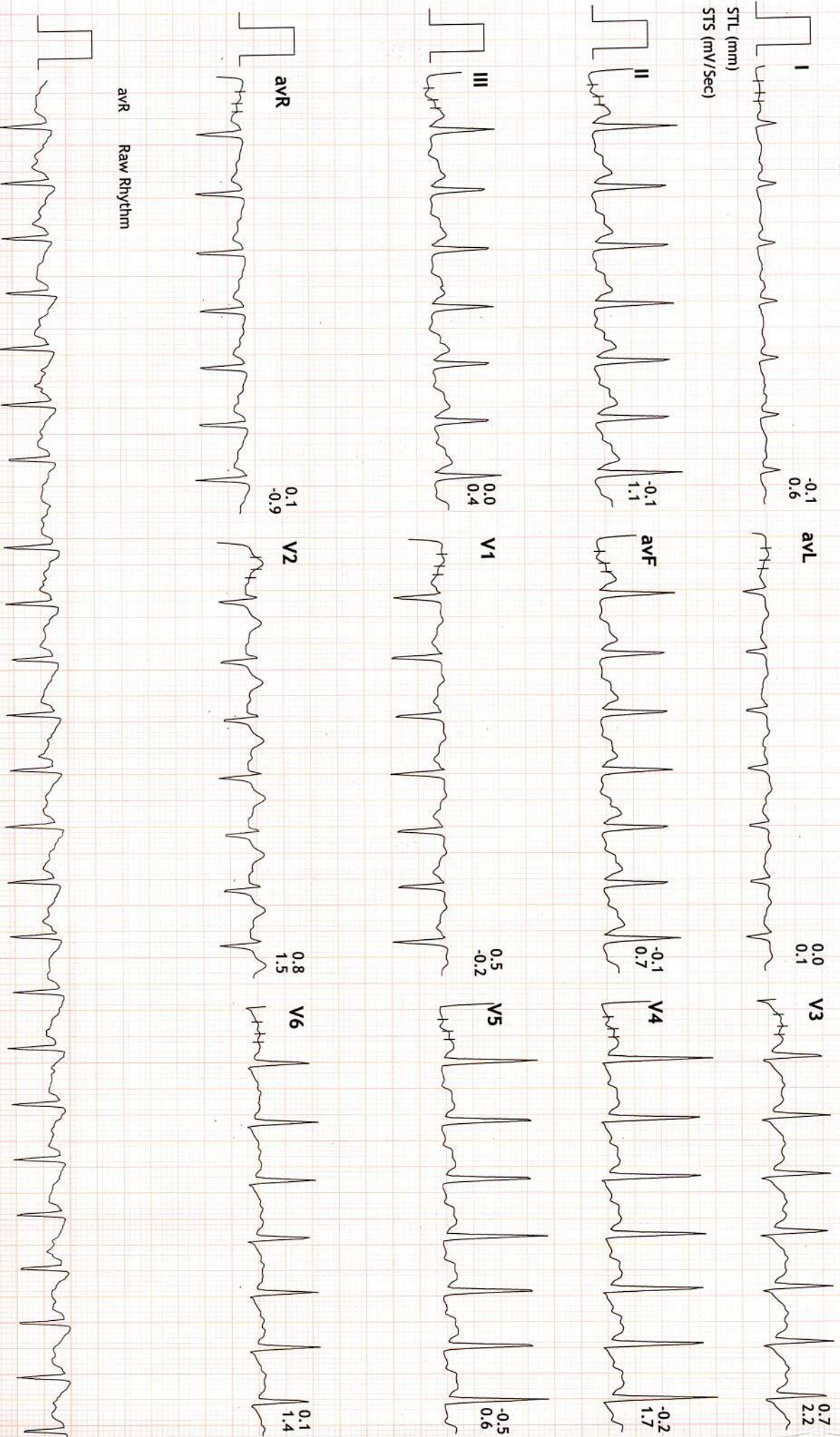
PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANNINAGAR (E) Ahm. 08.

519/AMIT K SAROLIYA HR: 149 bpm
30 Yrs/Male METS: 4.7
81 Kg/177 Cms BP: 132/82
Date: 24-Jul-2021 11:49:30 AM

MPHR: 78% of 190
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.





Linked Medians Report

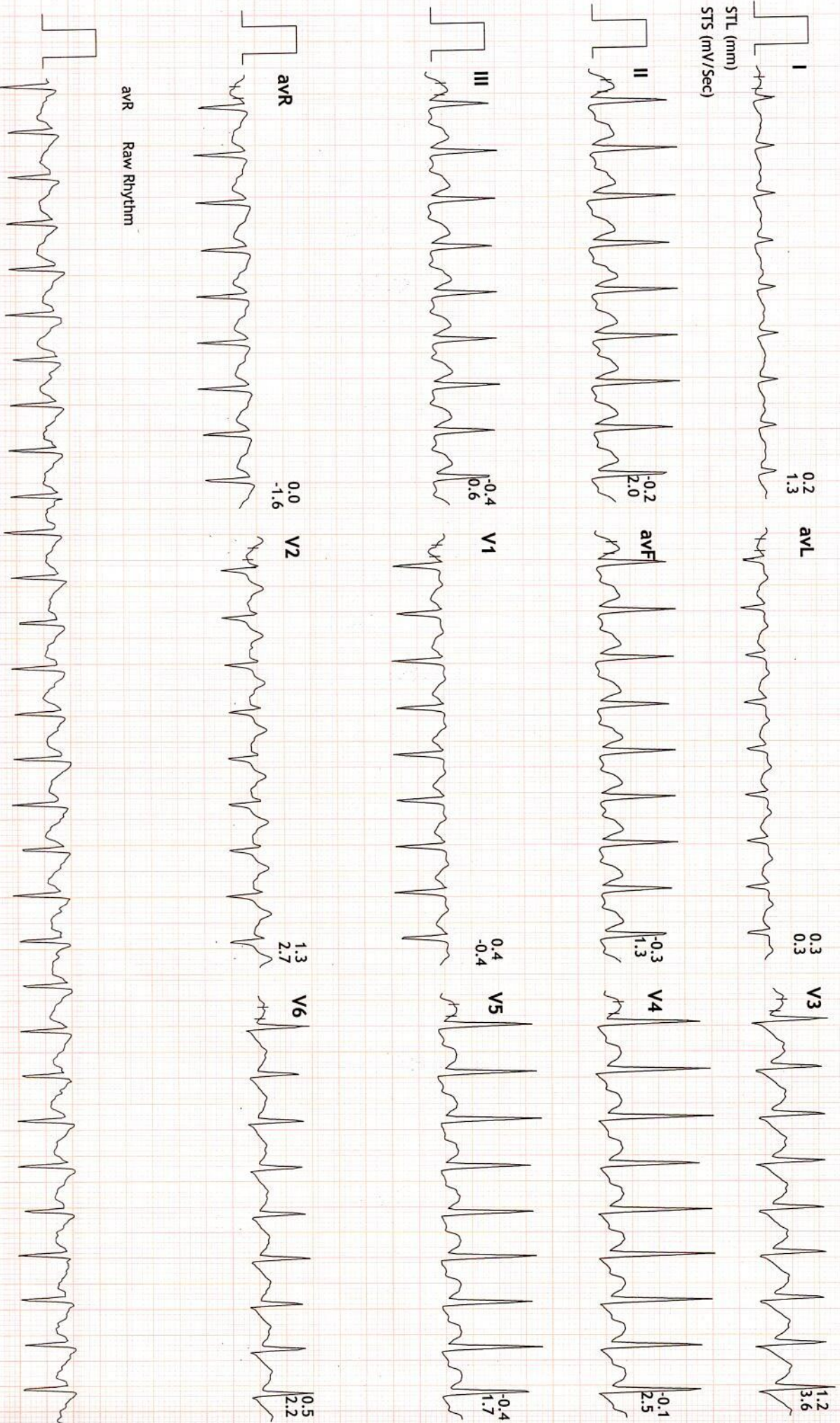
PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

519/AMIT K SAROLIYA HR: 179 bpm
30 Yrs/Male METS: 7.1
81 Kg/177 Cms BP: 140/88
Date: 24-Jul-2021 11:49:30 AM

MPHR:94% of 190
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, MANINAGAR (E) Ahm. 08.

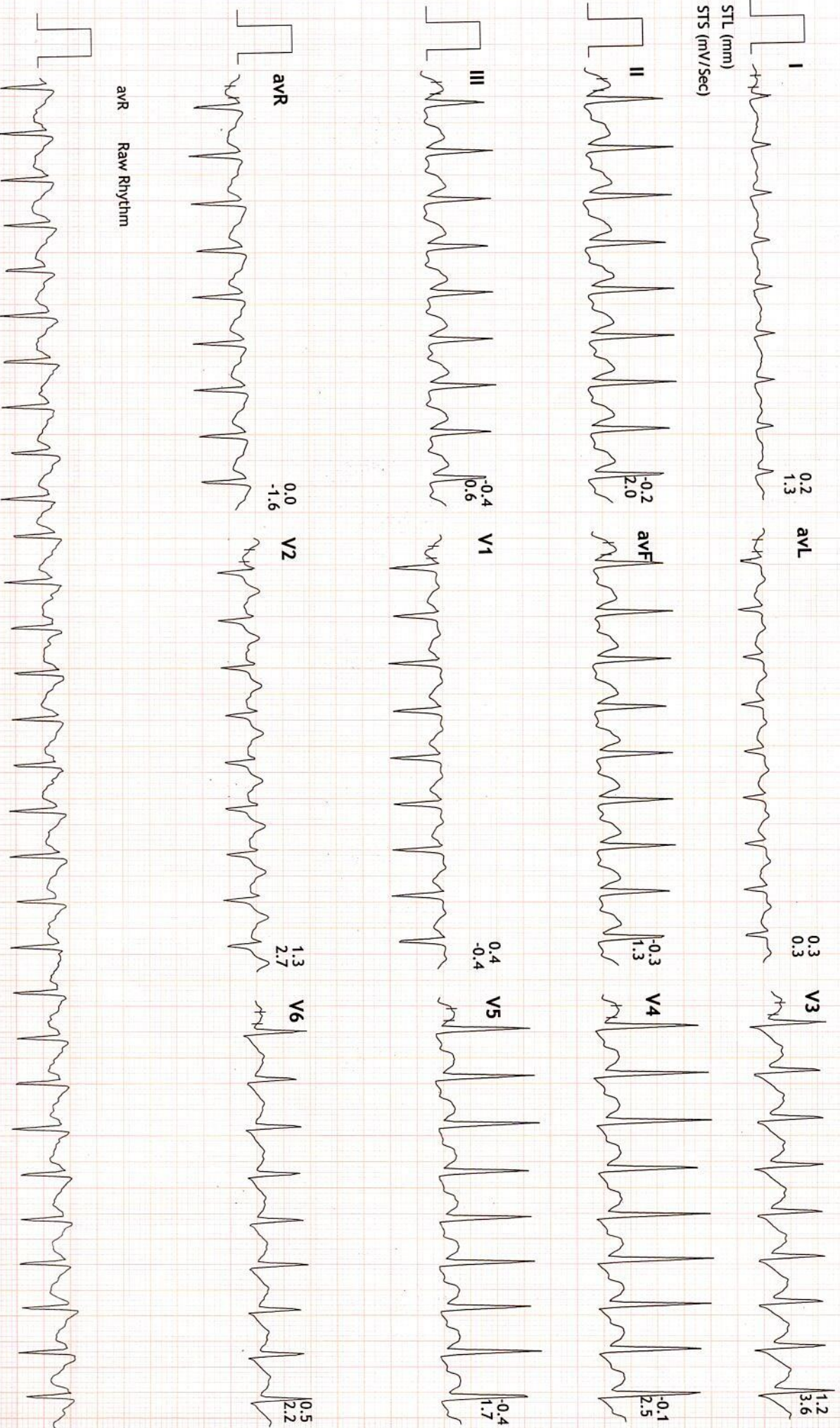
519/AMIT K SAROLIYA HR: 175 bpm
30 Yrs/Male METS: 7.2
81 Kg/177 Cms BP: 140/88
Date: 24-Jul-2021 11:49:30 AM

MpHR: 92% of 190
Speed: 3.4 mph
Grade: 14.0%

BRUCE
(1.0-100)Hz

Ex Time 06:02
BLC : On
Notch : On

PeakEx
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

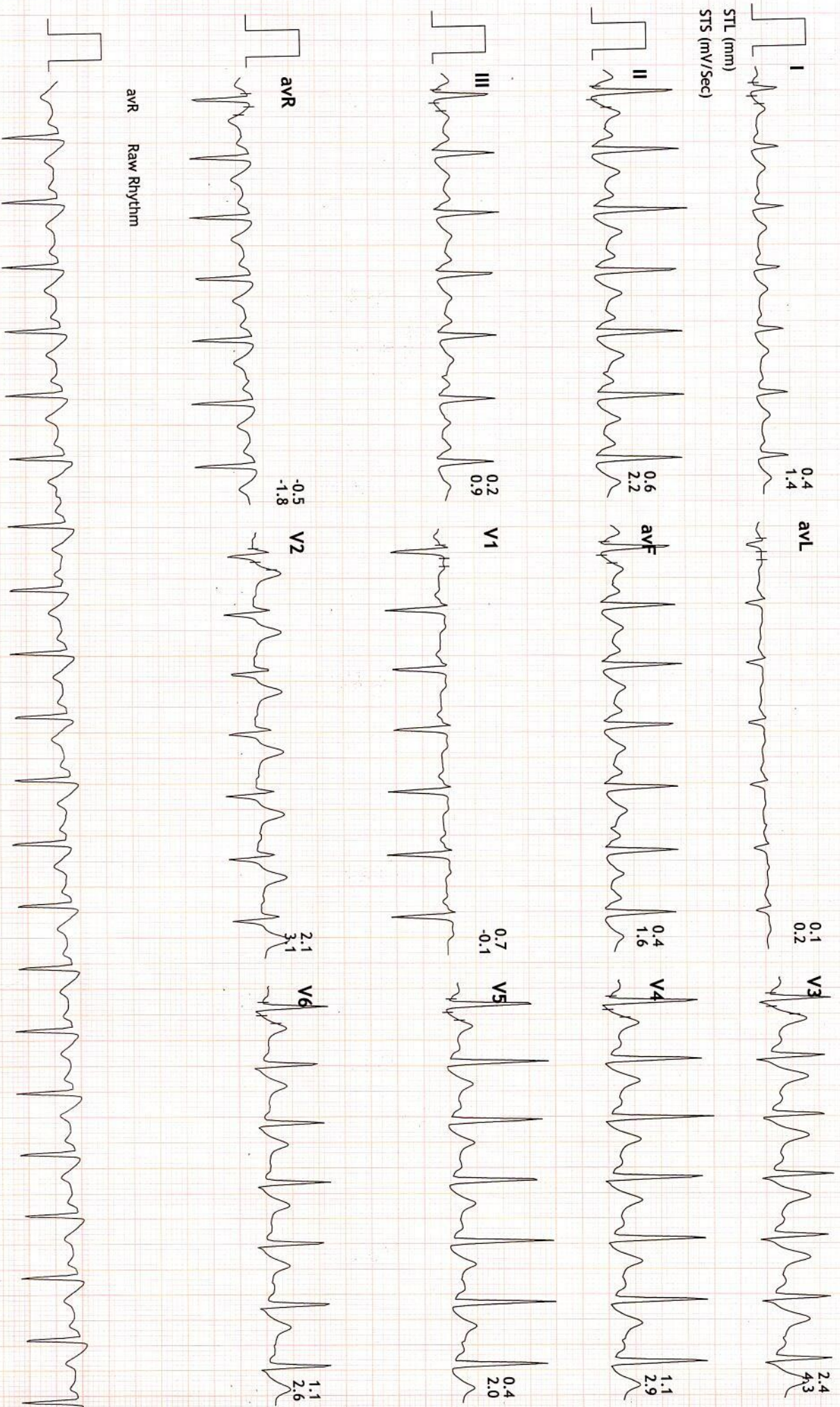
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NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

519 / AMIT K SAROLIYA HR: 128 bpm
30 Yrs/Male METS: 1.0
81 Kg/177 Cms BP: 140/88
Date: 24-Jul-2021 11:49:30 AM

MPHR: 67% of 190 BRUCE
Speed: 0.0 mph (1.0-100)Hz
Grade: 0.0%

Ex Time 06:02
BLC : On
Notch : On

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





Linked Medians Report

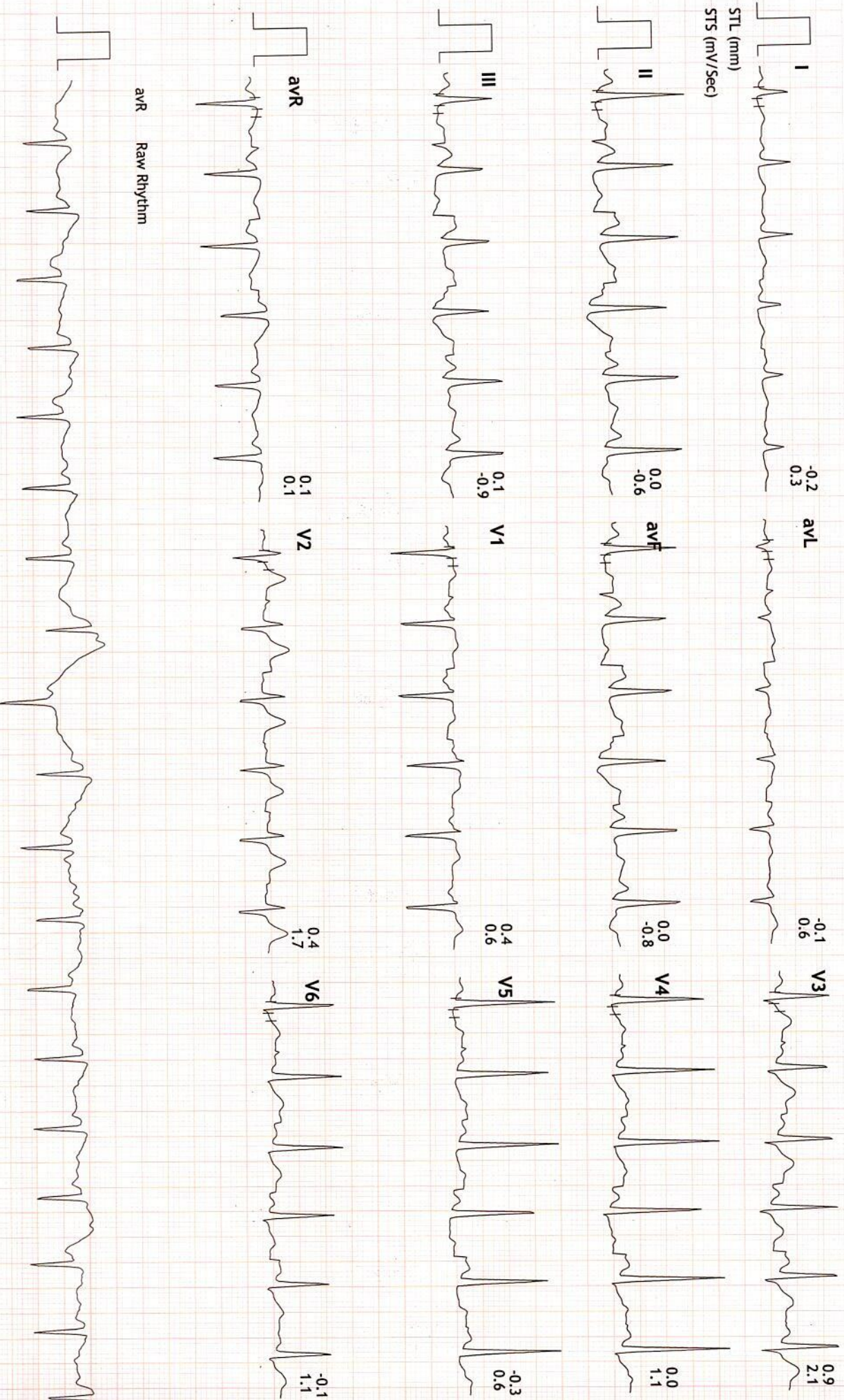
519/AMIT K SAROLIYA HR: 113 bpm
30 Yrs/Male METS: 1.0
81 Kg/177 Cms BP: 136/88
Date: 24-Jul-2021 11:49:30 AM

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

MPHR: 59% of 190
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz
Ex Time 06:02
BLC : On
Notch : On

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





Linked Medians Report

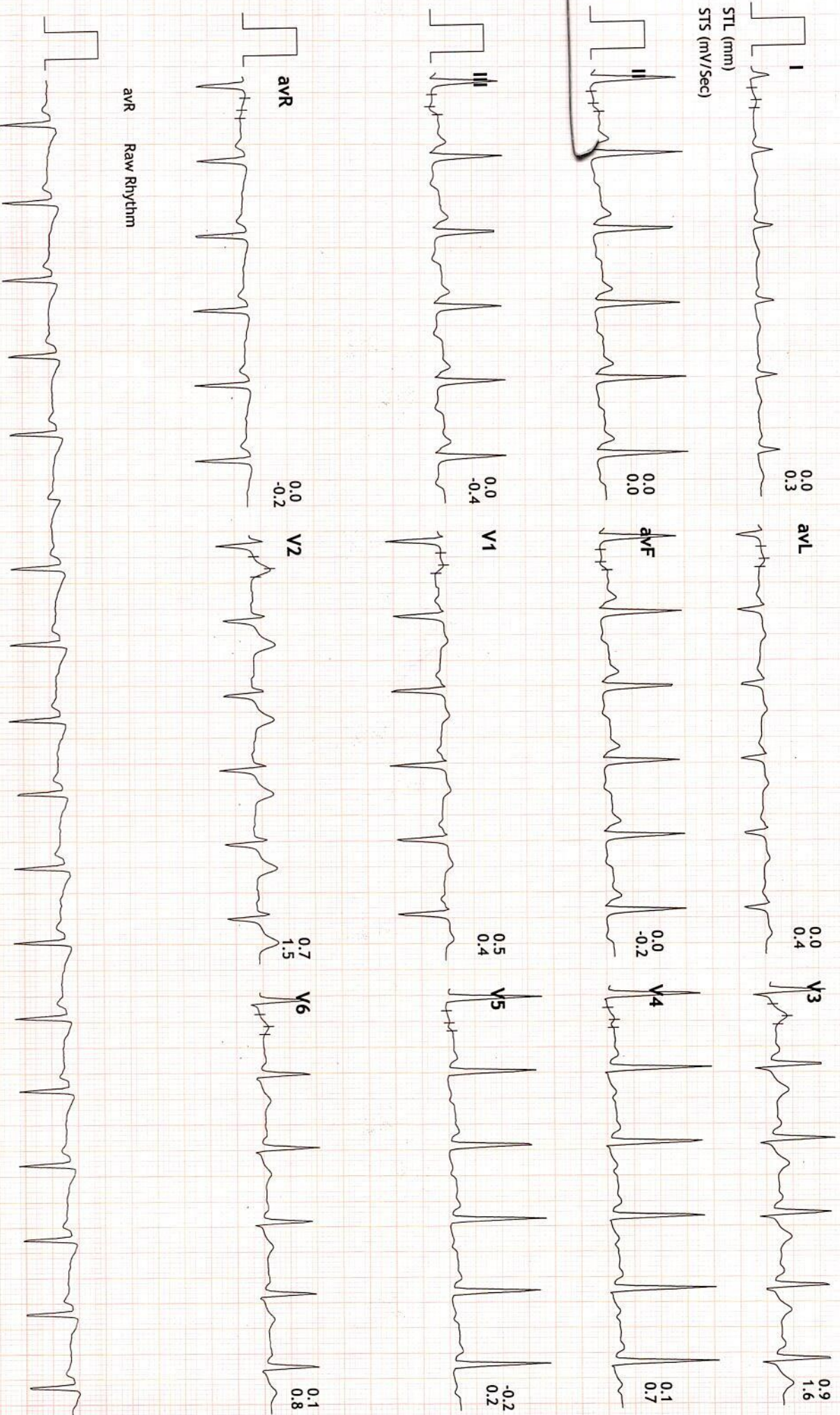
PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

519/AMIT K SAROLIYA HR: 105 bpm
30 Yrs/Male METS: 1.0
81 Kg/177 Cms BP: 136/88
Date: 24-Jul-2021 11:49:30 AM

MPHR: 55% of 190
Speed: 0.0 mph
Grade: 0.0%

BRUCE (1.0-100)Hz
Ex Time 06:02
BLC : On
Notch : On

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





GPS Map Camera



Ahmedabad, Gujarat, India

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

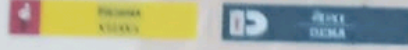
Lat 22.995124°

Long 72.61368°

24/07/21 11:51 AM



बचत आवाज बड़ाए
Bank of Baroda



JHAVC155



नाम
Name **MR.AMIT K SAROLIYA**

कर्मचारी कूट क्र.
EC.NO. **172054**

अधिकार प्रदाता
Issuing Authority

धारक के हस्ताक्षर
Signature of Holder



भारत सरकार

Government of India



सरोलीया अमित कनैयालाल
Saroliya Amit Kanaiyalal
जन्म तारीख / DOB : 03/11/1990
पुरुष / Male



2698 7902 9378

आधार - सामान्य माणसनो अधिकार



PRAMUKH
MULTI SPECIALITY
HOSPITAL

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

Patient Name : Amit Kanaiyalal Saroliya
Sample No.. : 7322
Reffered : C/o. Bank Of Baroda

Age/Sex : 30 Years/Male
Registration On:24/07/2021/13:00
Approved On :24/07/2021 17:10

BLOOD GLUCOSE ESTIMATION

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>NORMAL VALUES</u>
Random Blood Glucose	: 81.7	mg/dl	Up to 140mg/dl

PATHOLOGIST
Dr.Sathishkumar Patel
M.D.,Patho
Reg No :G-6486



PRAMUKH
MULTI SPECIALITY
HOSPITAL

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

Patient Name : Amit Kanaiyalal Saroliya
Sample No.. : 7322
Reffered : C/o. Bank Of Baroda

Age/Sex : 30 Years/Male
Registration On:24/07/2021/13:00
Approved On :24/07/2021 16:22

BLOOD GROUP

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

PATHOLOGIST
Dr.Sathishkumar Patel
M.D.,Patho
Reg No :G-6486



PRAMUKH
MULTI SPECIALITY
HOSPITAL

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

Patient Name : Amit Kanaiyalal Saroliya
Sample No.. : 7322
Reffered : C/o. Bank Of Baroda

Age/Sex : 30 Years/Male
Registration On:24/07/2021/13:00
Approved On :24/07/2021 15:46

LIPID PROFILE

Sample :- serum

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S. Cholesterol:	150.61	mg/dl	Desirable : < 200 Borderline High : 200 - 239 High : > 240
Serum Triglycerides:	201.52	mg/dl	Normal : Normal < 150 Borderline : 150 - 199 High : > 200
HDL Cholesterol:	38.42	mg/dl	40 - 60 mg/dl
Serum LDL Cholesterol: (Calculated)	71.886	mg/dl	Up to 150
Serum VLDL Cholesterol: (Calculated)	40.304	mg/dl	Up to 35
LDLC/HDLC Ratio: (Calculated)	1.87	mg/dl	Up to 3.4
Cholesterol/HDLC Ratio: (Calculated)	3.92	mg/dl	Up to 5.0
Total Lipid: (Calculated)	612.436	mg/dl	400 - 1000 mg/dl

Page 3 of 9

PATHOLOGIST
Dr.Satishkumar Patel
M.D.,Patho
Reg No :G-6486



Patient Name : Amit Kanaiyalal Saroliya
Sample No.. : 7322
Reffered : C/o. Bank Of Baroda

Age/Sex : 30 Years/Male
Registration On:24/07/2021/13:00
Approved On :24/07/2021 15:46

URINE EXAMINATION

PHYSICAL :

Colour - **Pale Yellow**
Deposits - **Absent**
Transparency - **Clear**
Reaction - **Acidic**
Sp. Gravity - **1.007**

CHEMICAL :

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

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

Pus Cells - **Ocassional** /h.p.f.
Red Cells - **Not seen** /h.p.f.
Epithelial Cells - **1 - 2** /h.p.f.
Casts - **Not seen**/l.p.f.
Crystals - **Not seen**
Amorphous - **Not seen**

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PATHOLOGIST
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Reg No :G-6486



PRAMUKH
MULTI SPECIALITY
HOSPITAL

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

Patient Name : Amit Kanaiyalal Saroliya
Sample No.. : 7322
Reffered : C/o. Bank Of Baroda

Age/Sex : 30 Years/Male
Registration On:24/07/2021/13:00
Approved On :24/07/2021 15:47

LIVER FUNCTION TESTS

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S. Bilirubin (Total):	0.49	mg/dl	upto 1.2 mg/dl
S. Bilirubin (Direct):	0.13	mg/dl	upto 0.2 mg/dl
S. Bilirubin (Indirect):	0.36	mg/dl	up to 1.0 mg/dl
SGPT:	16.5	U/L	up to 42 IU/L
SGOT:	21.84	U/L	up to 40 U/L
GGT:	22.26	U/L	12 - 64 U/L
Total Proteins:	6.49	g/dl	6.0 - 8.3 g/dl
Albumin:	3.98	g/dl	3.5 - 5.2 g/dl
Globulins:	2.51	g/dl	2.4 - 3.7 g/dl
AGRATIO:	1.586		
S.Alkaline Phosphatase:	91.1	U/L	40 - 129 U/L

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RENAL FUNCTION

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Urea:	15.91	mg/dl	10 - 50 mg/dl
S. Uric Acid:	6.05	mg/dl	3.2 - 7.2 mg/dl
Blood Urea Nitrogen: (Calculated)	<u>7.43</u>	mg/dl	08 - 23 mg/dl
Bun/Creat Ratio: (Calculated)	9.52		

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HAEMOGRAM REPORT

Sample Type :-EDTA

<u>TESTS</u>	<u>RESULT</u>	<u>UNITS</u>	<u>REFERENCE RANGE</u>
BLOOD COUNTS:			
Haemoglobin	11.3	g/dL	11 to 16 g/dL
R.B.C. Count	6.76	mill./c.mm	4.5-6.5 mill./cmm
W.B.C. Count	8340	/c.mm	4,000 - 11,000/cmm
Platelet Count	495400		1,40,000 - 4,50,000 /cmm
DIFFERENTIAL COUNT:			
Polymorphs	70	%	60 - 70
Lymphocytes	26	%	20 - 40
Eosoniphils	02	%	1 - 4
Monocytes	02	%	2 - 6
Basophils	00	%	0 - 1
BLOOD INDICES:			
P.C.V.	38.9	%	38 - 44
M.C.V.	57.5	fl	80 - 96
M.C.H.	16.8	pg	27 - 31
M.C.H.C.	29.2	g/dl	32 - 36

Platelet **Adequate**

E.S.R. (Western Grain Method)

At 1Hour **02** mm

Page 7 of 9 01 to 12 mm/Hour

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Thyroid Functions

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
T3-Triodothyronine	: 1.27 ng/ml	0.6 - 1.60 ng/ml
T4-Thyroxine	: 8.6 mcg/dl	4.5 - 10.9 mcg/dl
TSH Thyroid Stimulating Hormone	: 2.13 microIU/ml	0.35 - 5.55 microIU/ml

Comments :

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



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Glycosylated HB (HBA1C)

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
HBA1C:	5.75 %	Normal: ≤ 5.6 Prediabetes: 5.7-6.4 Diabetes: ≥ 6.5 <i>Diabetes Control Criteria :</i> 6 -7 : Near Normal Glycemia < 7 : Goal 7 - 8 : Good Control > 8 : Action Suggested

Mean Blood Glucose: 118.3 mg/dl

Criteria for the diagnosis of diabetes

1. HbA1c ≥ 6.5 *
Or
2. Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.
Or
3. 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.
4. 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 retesting. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34;S11.

Limitation of HbA1c

- 1) 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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