



**PRAMUKH**

**MULTI SPECIALITY**

**HOSPITAL**

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

**MEDICAL EXAMINATION**

**DATE :-** 26th June 2021.

**NAME :-** Maulil Avindkumar Amin

**AGE /SEX :-** 30yrs /male.

O/E :

Height : 169

T: Normal.

Weight : 58

BP : 120/70 mmHg.

BMI : 20.3

P : 88/min.

Eye Exam. : Vision Normal

RS : BAE ⊕

Ear Exam. : Hearing Normal.

SPO2 :

CNS : Cou/Cori.

CVS : S1 ⊕ S2 ⊕

P/A : Soft.

ADV :



B.A. Panchal  
**Dr. Brijesh Panchal**  
MBBS  
Regd. No. G-28095  
PRAMUKH MULTISPECIALITY HOSPITAL  
Maninagar, Ahmedabad-8.



Mounil Abhinkumar Amin

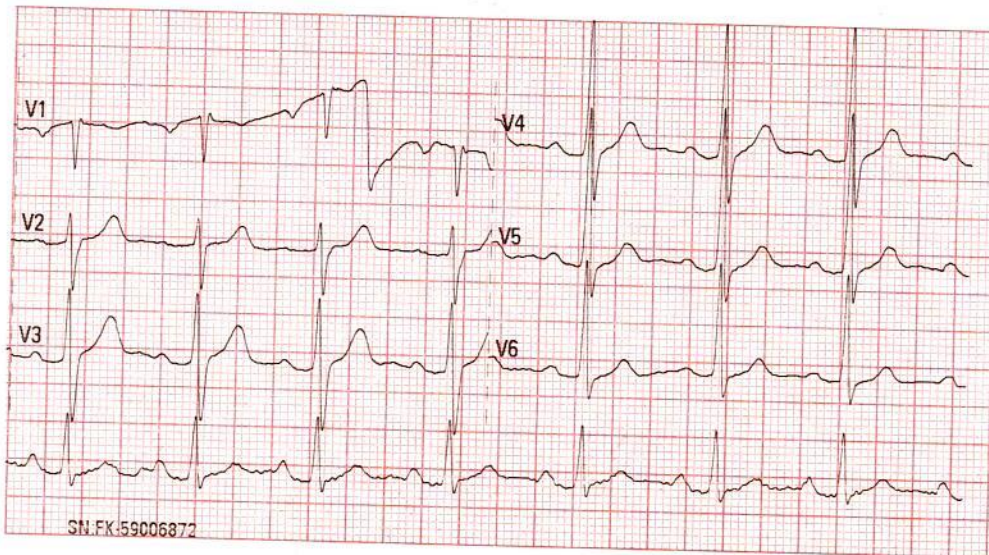
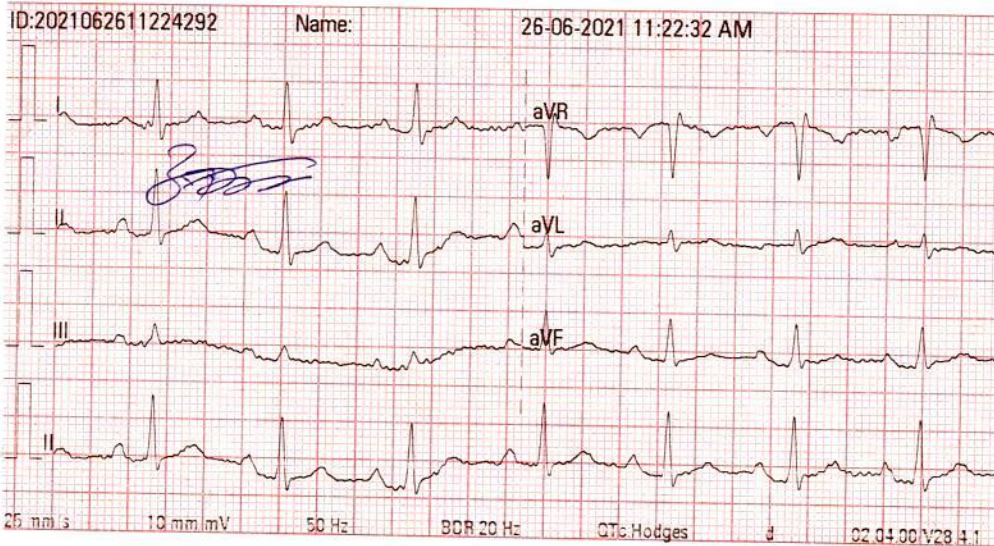
**PRAMUKH**

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

26 June 2021.



NSR CML



**DR. KAMLESH N. SHAH**  
M.D. (FICA-USA)  
Reg. No. G-1345  
PRAMUKH MULTISPECIALITY HOSPITAL  
MANINAGAR, AHMEDABAD.  
7227971927


HELP LINE No. [REDACTED]

ભારત સરકાર  
Government of India

મોનિલ અરવિંદકુમાર અમીન  
Maunil Arvindkumar Amin  
જન્મ તારીખ/DOB: 24/07/1990  
પુરુષ/ MALE

8202 8743 9638  
VID : 9184 5794 8207 2906

મારો આધાર, મારી ઓળખ



*[Handwritten signature]*

*B.A. Panchal*  
**Dr. Brijesh Panchal**  
MBBS  
Regd. No. G-28095  
PRAMUKH MULTISPECIALITY HOSPITAL  
Maninagar, Ahmedabad-8.

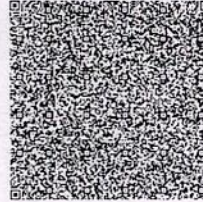




भारतीय विशिष्ट अभिलेख प्राधिकरण  
Unique Identification Authority of India

संख्यासं :  
G-3 ब्लॉक सी, राजनंद रेसिडेंसी, नारोल कोर्ट सामे,  
आकृति टाउनशीप पास, अहमदाबाद शहर,  
अहमदाबाद,  
गुजरात - 382405

**Address:**  
G-3 Block C, Rajnand Residency, Opp  
Narol Court, Near Akrti Township,  
Ahmadabad City, Ahmedabad,  
Gujarat - 382405



QR Code with Photograph

8202 8743 9638

VID : 9184 5794 8207 2906



भारतीय विशिष्ट अभिलेख प्राधिकरण

www.aadhaar.gov.in

प. पत्र संख्या/  
I Card No.  
10831




देना बैंक  
DENA BANK

अपना बैंक आज का कल / NOW - BANK OF BARODA



नाम / Name : MAUNIL AMIN  
DOB / जन्म तिथि : 24/07/1990  
पिता का नाम /  
Father's Name : ARVIND KUMAR  
पी.आर.ए.एन. /  
PRAN/EMPY/ P.F NO : 0011480  
रक्त समूह / BG : AB+ve  
जारी करने की तिथि / Date Of Issue : 22/12/2017

कर्मचारी के हस्ताक्षर  
Signature of Staff

  
जारीकर्ता प्राधिकारी के हस्ताक्षर  
Signature of Issuing Authority





**Summary**

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

476/MAUNIL AMIN 30 Yrs/Male 58 Kg/169 Cms

Ref. By : **MEDIWHEEL (B&B)**  
 Medication : NO  
 Objective : NO

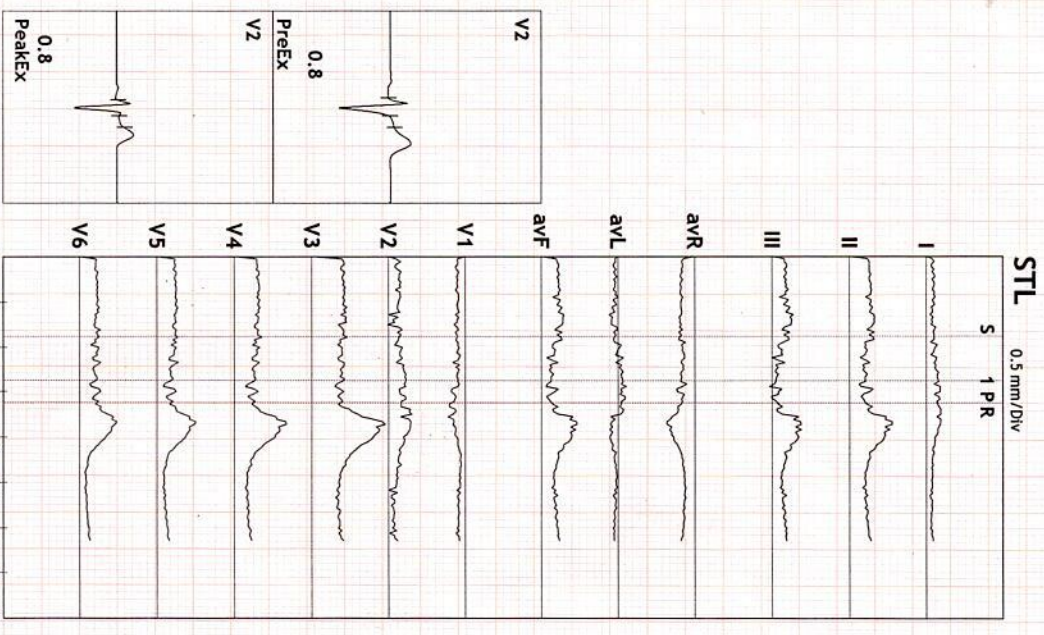
Protocol : BRUCE  
 History : NO  
 Date: 26-Jun-2021 11:43:25 AM

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	98	---/---	0	-	
Supine					1.0	107	---/---	0	-	
Standing					1.0	101	---/---	0	-	
HV					1.0	101	---/---	0	-	
EXStart					1.0	111	---/---	0	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	170	134/88	227	-	
PeakEx	1:30	4:31	2.5	12.0	5.9	187	134/88	250	-	
Recovery	1:00		0.0	0.0	1.0	157	122/80	191	-	
Recovery	4:00		0.0	0.0	1.0	118	122/80	143	-	
Recovery	7:00		0.0	0.0	1.0	112	122/80	136	-	
Recovery	9:03		0.0	0.0	1.0	128	122/80	156	-	

**Findings :**

Exercise Time : 4:30 minutes  
 Max HR attained : 186 bpm 98% of Max Predictable HR 190  
 Max BP : 134/88(mmHg)  
 Workload attained : 5.9 (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.  
 S. TACHYCARDIA

Advice/Comments:



**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.

476/MAUNIL AMIN 30 Yrs/Male 58 Kg/169 Cms  
 Date: 26-Jun-2021 11:43:25 AM

Protocol : BRUCE

STL (mm) 60 mSecs Post J		Protocol : BRUCE												
		I	II	III	aVR	aVL	aVF	V1	V2	V3	V4	V5	V6	
Supine Supine Standing HV EXStart Stage 1 PeakEx Recovery Recovery Recovery	Supine	0.3	1.3	0.9	-0.8	-0.3	1.1	-0.5	0.5	2.1	1.5	1.2	1.0	
	Supine	0.2	1.6	1.4	-0.9	-0.6	1.5	-0.7	0.0	1.9	1.4	1.1	1.0	
	Standing	0.6	1.4	0.8	-1.0	-0.1	1.1	-0.5	0.7	1.9	1.3	1.0	1.0	
	HV	0.5	1.6	1.1	-1.0	-0.3	1.3	-0.7	0.6	2.1	1.5	1.2	1.1	
	EXStart	0.5	1.3	0.8	-0.9	-0.1	1.0	-0.5	0.8	2.0	1.5	1.2	1.2	
	Stage 1	0.8	1.0	0.2	-0.9	0.3	0.6	-0.5	1.1	2.1	1.4	1.0	1.1	
	PeakEx	0.7	1.0	0.3	-0.8	0.2	0.6	-0.8	0.8	2.0	1.3	1.0	1.2	
	Recovery	0.7	2.4	1.7	-1.5	-0.5	2.0	-1.1	0.8	3.3	2.7	2.1	2.2	
	Recovery	0.4	1.2	0.8	-0.8	-0.2	1.0	-0.3	0.7	2.2	1.0	0.6	0.5	
	Recovery	0.4	1.0	0.6	-0.7	-0.1	0.8	-0.4	0.3	1.6	0.8	0.5	0.4	
	STS mV/Sec.	Supine	0.4	1.0	0.5	-0.8	0.0	0.8	-0.4	0.7	2.6	2.2	2.1	1.6
		Supine	0.4	1.5	1.1	-1.1	-0.4	1.3	-0.5	0.3	2.8	2.3	2.1	1.7
Standing		0.8	1.1	0.2	-1.1	0.3	0.7	-0.4	0.8	2.6	2.3	2.2	1.6	
HV		0.6	1.2	0.6	-1.0	0.1	0.8	-0.5	0.8	2.5	2.2	2.0	1.6	
EXStart		0.6	1.1	0.4	-1.0	0.1	0.7	-0.4	1.0	2.7	2.5	2.4	1.9	
Stage 1		1.4	2.0	0.7	-1.8	0.3	1.4	-0.9	0.9	4.3	3.8	3.5	2.8	
PeakEx		1.1	1.8	0.8	-1.5	0.1	1.3	-0.9	1.2	4.0	3.7	3.4	2.6	
Recovery		1.2	3.0	1.8	-2.2	-0.3	2.4	-1.2	1.3	6.1	5.5	4.8	4.1	
Recovery		0.4	1.5	1.1	-1.1	-0.3	1.3	-0.2	0.9	3.3	2.4	2.0	1.5	
Recovery		0.4	1.1	0.6	-0.9	-0.1	0.9	-0.4	0.5	2.5	2.0	1.7	1.3	
STI μVs		Supine	1.3	5.9	4.5	-3.5	-1.6	5.2	-2.2	1.6	8.5	5.6	4.1	3.8
		Supine	1.0	6.8	6.0	-3.8	-2.6	6.4	-3.0	-0.6	6.6	4.5	3.4	3.2
	Standing	2.6	6.8	4.3	-4.6	-0.8	5.5	-2.4	2.7	7.7	5.0	3.3	3.7	
	HV	1.9	7.3	5.5	-4.6	-1.7	6.4	-3.2	2.3	8.1	5.8	4.5	3.9	
	EXStart	2.1	5.7	3.6	-3.9	-0.8	4.7	-2.5	3.1	7.8	5.5	3.9	4.1	
	Stage 1	2.3	3.2	0.8	-2.7	0.8	2.1	-1.3	4.0	6.2	2.7	1.2	2.1	
	PeakEx	2.2	3.2	1.0	-2.6	0.5	2.0	-3.0	1.6	6.3	3.3	2.0	3.3	
	Recovery	2.3	9.0	6.7	-5.6	-2.2	7.9	-4.7	0.9	9.4	7.2	4.8	5.7	
	Recovery	1.6	4.6	3.0	-3.1	-0.6	3.9	-1.5	2.0	7.3	2.6	0.7	0.8	
	Recovery	1.7	4.3	2.7	-3.0	-0.5	3.5	-2.1	0.8	6.0	2.1	0.8	0.9	

  
<http://www.mnsindia.com> @ RMS StressTest (VEGA201... v9.0.5)

Print Date: 26-Jun-2021

DR. KAMLESH N. SHAH



Linked Medians Report

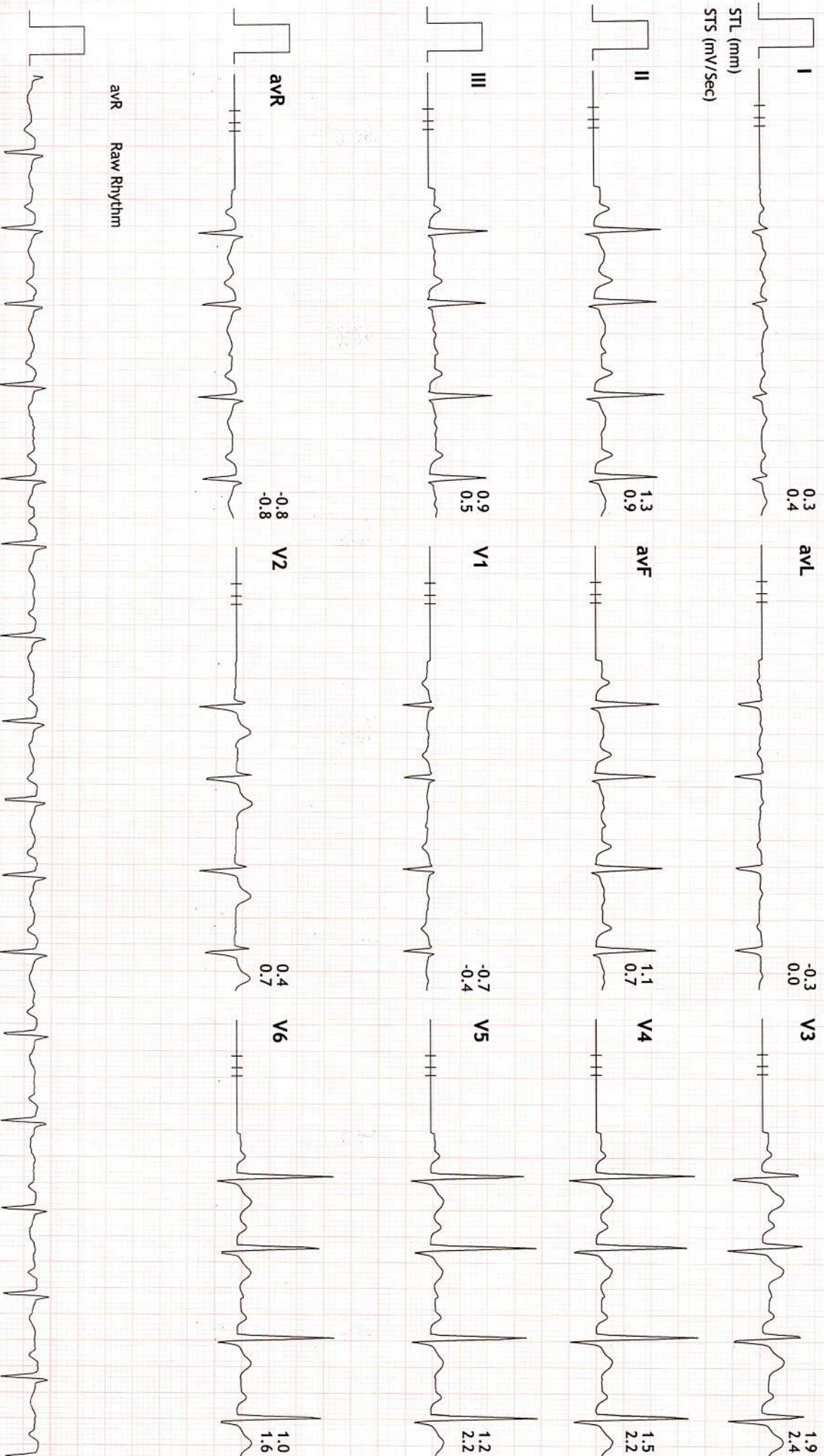
PRAMUKH MULTI SPECIALITY HOSPITAL  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 98 bpm  
30 Yrs/Male METS: 1.0  
58 Kg/169 Cms BP: 120/70  
Date: 26-Jun-2021 11:43:25 AM

MPHR: 51% of 190 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 00:34  
BLC : On  
Notch : On

SUPINE  
10.0 mm/mV  
25 mm/Sec.







Linked Medians Report

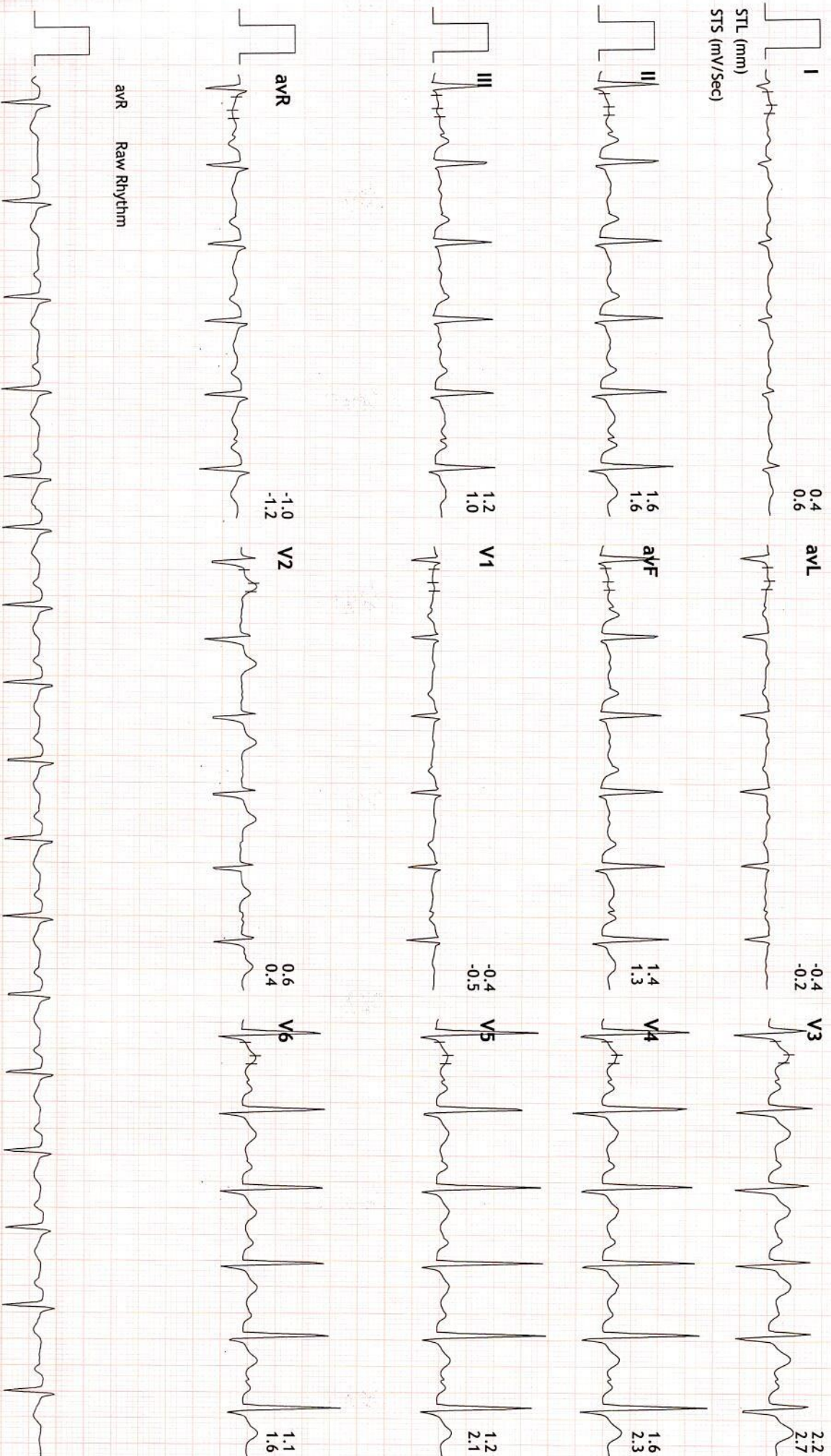
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 107 bpm  
30 Yrs/Male METS: 1.0  
58 Kg/169 Cms BP: 120/70  
Date: 26-Jun-2021 11:43:25 AM

MPHR: 56% of 190 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 04:00  
BLC : On  
Notch : On

SUPINE  
10.0 mm/mV  
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

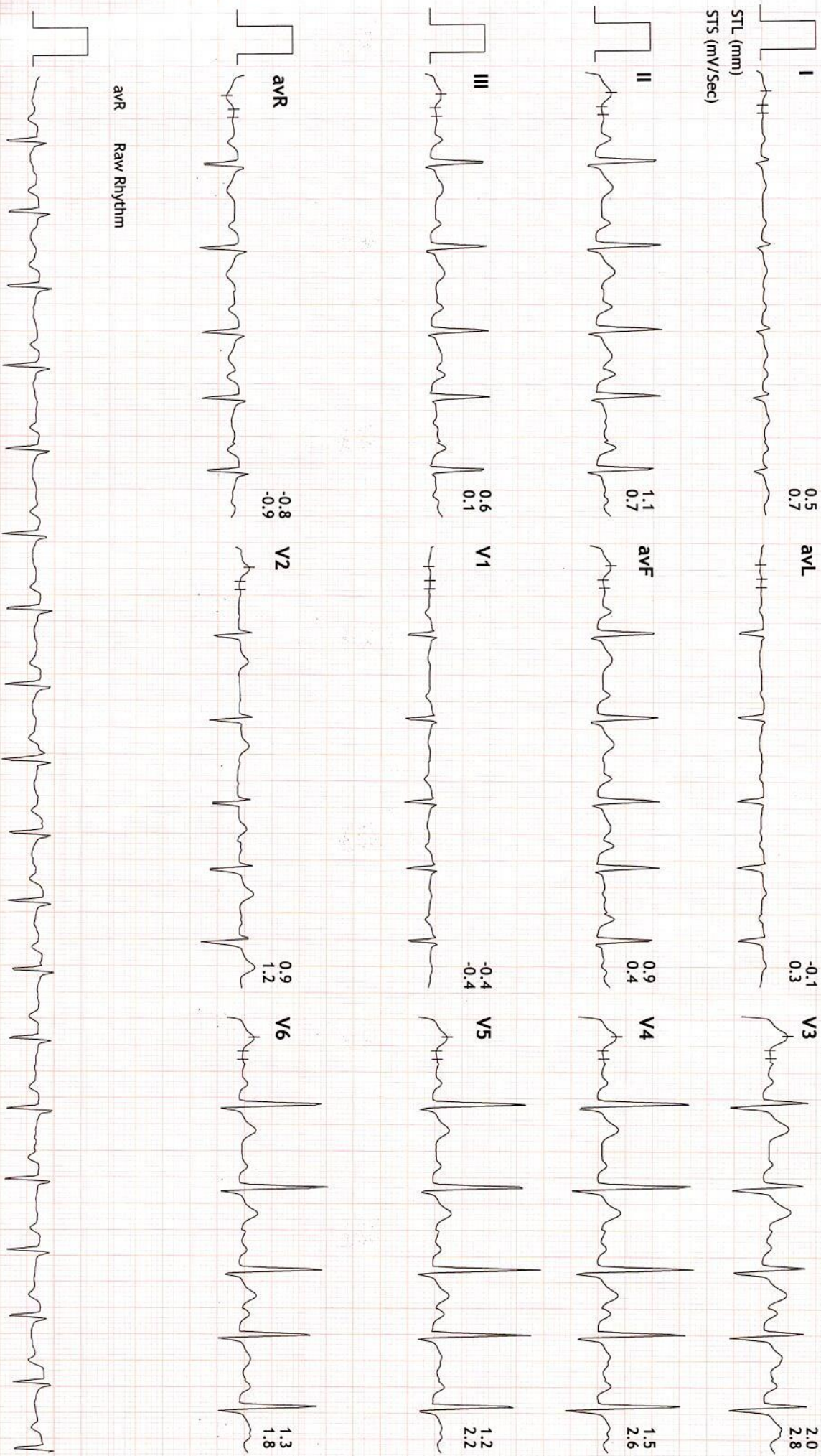
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 101 bpm  
30 Yrs/Male METS: 1.0  
58 Kg/169 Cms BP: 120/70  
Date: 26-Jun-2021 11:43:25 AM

MPHR:53% of 190 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 04:41  
BLC :On  
Notch :On

STANDING  
10.0 mm/mV  
25 mm/Sec.





Linked Medians Report

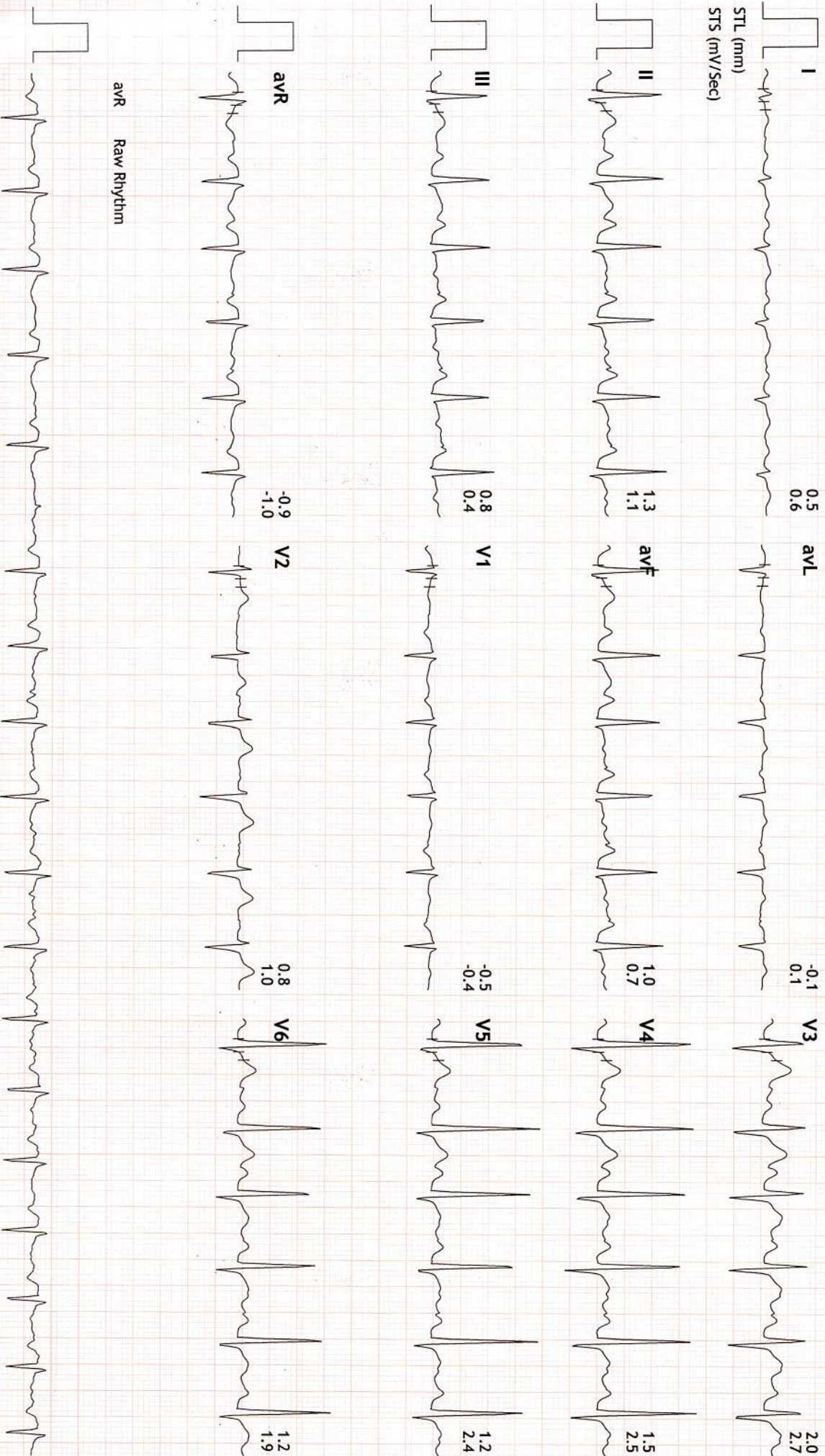
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 101 bpm  
30 Yrs/Male METS: 1.0  
58 Kg/169 Cms BP: 120/70  
Date: 26-Jun-2021 11:43:25 AM

MPHR:53% of 190 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 05:07  
BLC :On  
Notch :On

HV  
10.0 mm/mV  
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

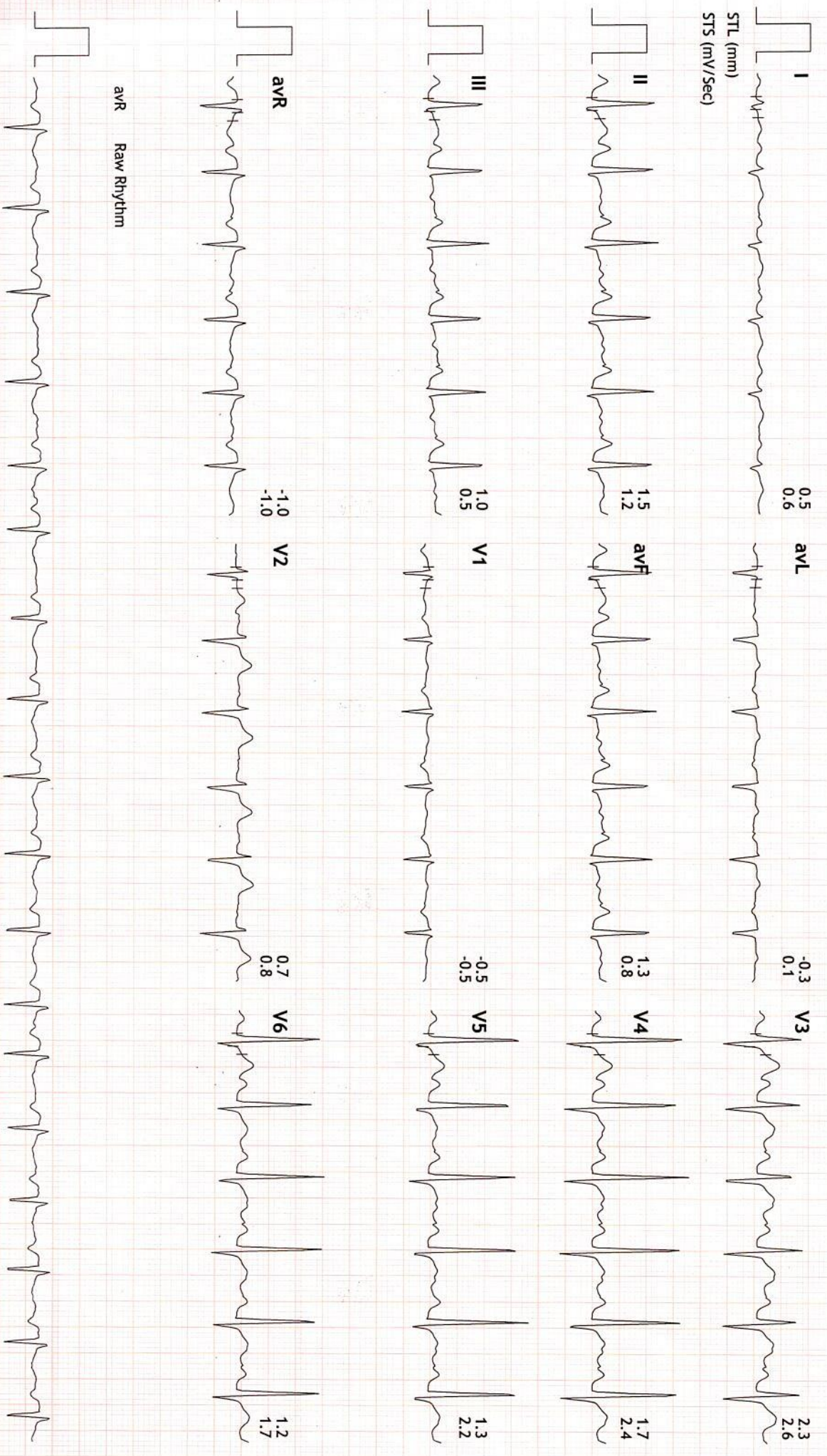
PRAMUKH MULTI SPECIALITY HOSPITAL  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN  
30 Yrs/Male  
58 Kg/169 Cms  
Date: 26-Jun-2021 11:43:25 AM

HR: 111 bpm  
METS: 1.0  
BP: 120/70  
MPPH: 58% 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.





Linked Medians Report

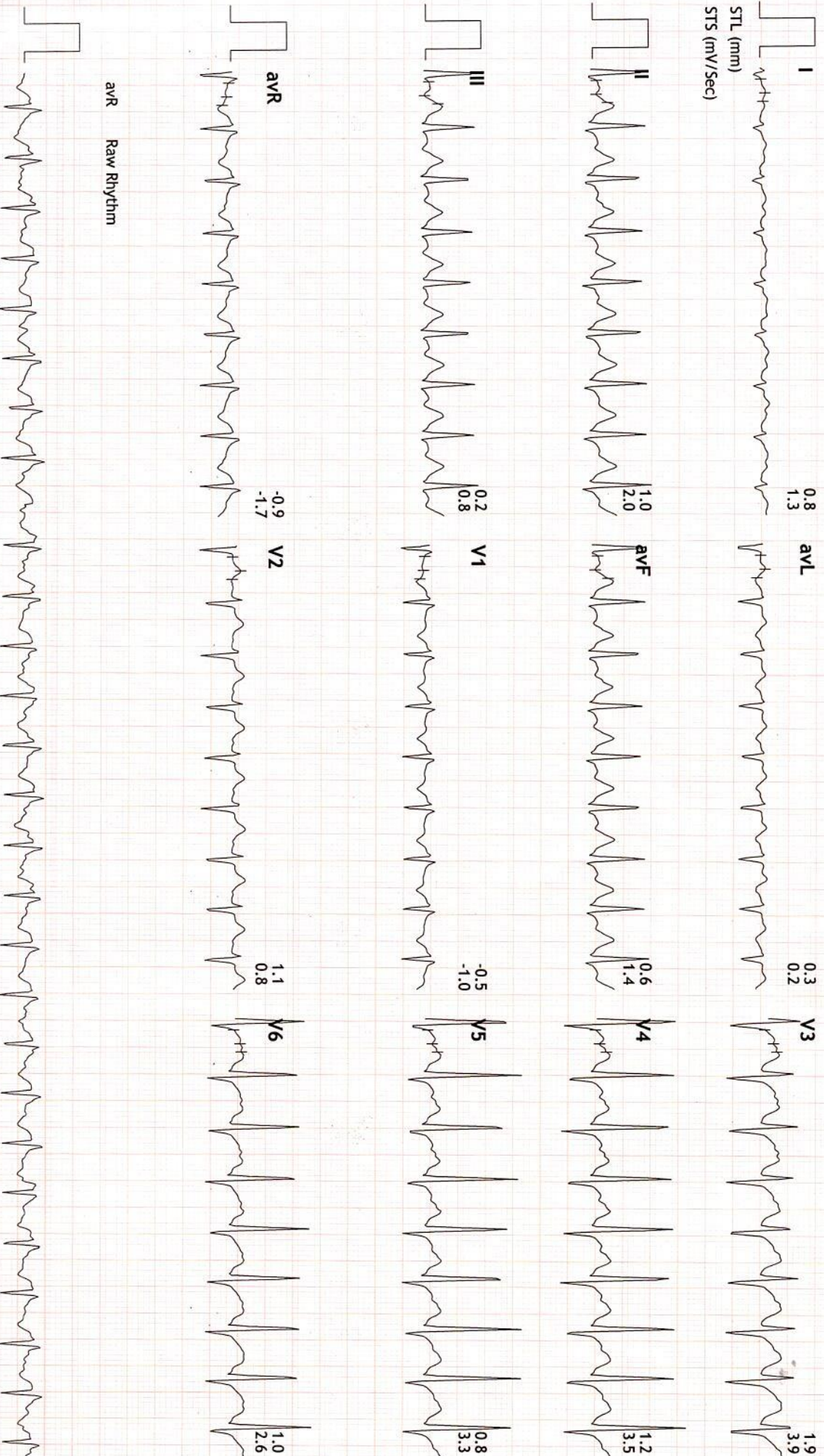
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 170 bpm  
30 Yrs/Male METS: 4.7  
58 Kg/169 Cms BP: 134/88  
Date: 26-Jun-2021 11:43:25 AM

MPHR: 89% of 190 BRUCE  
Speed: 1.7 mph (1.0-100)Hz  
Grade: 10.0%

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.

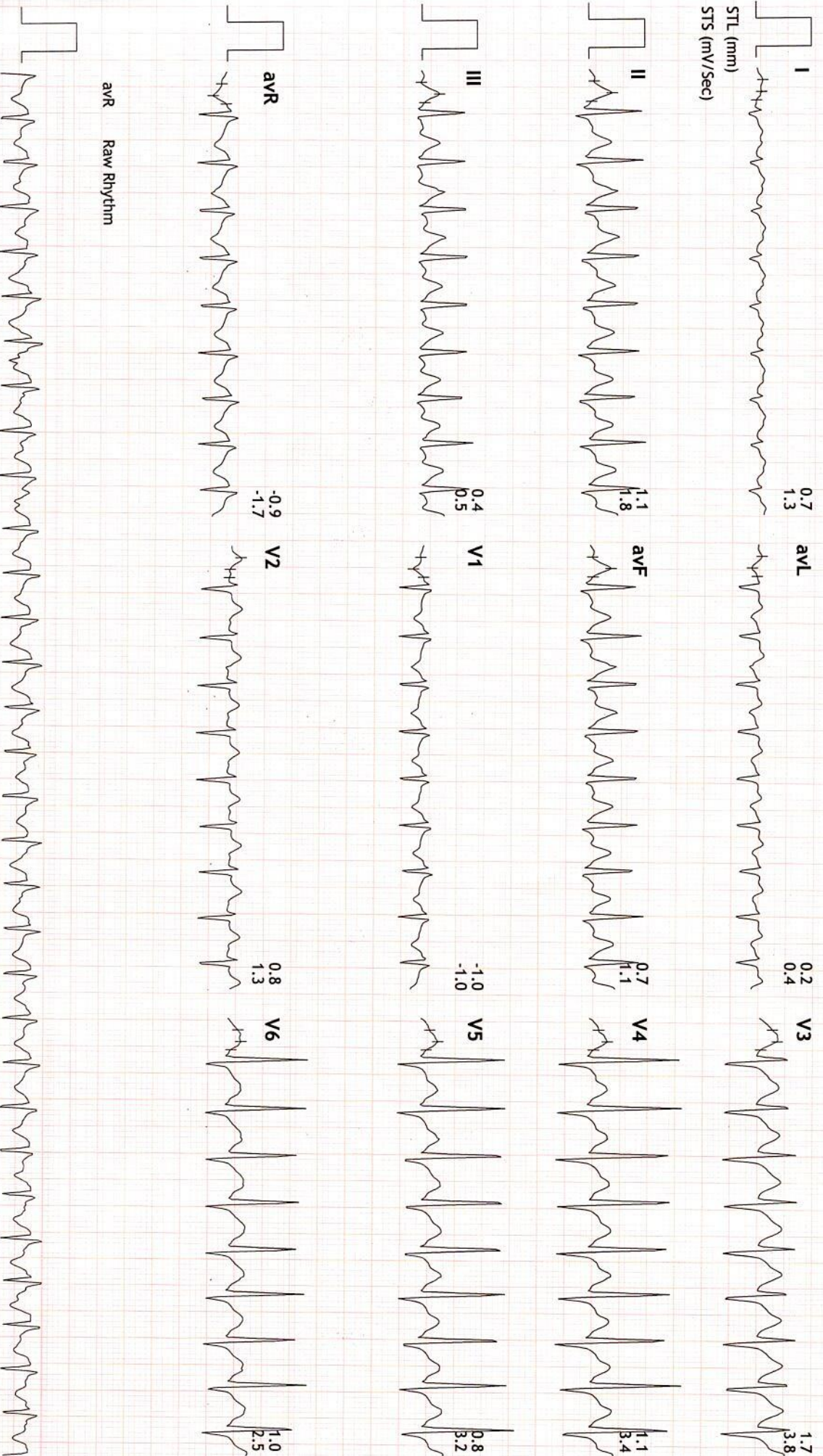
476/MAUNIL AMIN HR: 187 bpm  
30 Yrs/Male METS: 5.9  
58 Kg/169 Cms BP: 134/88  
Date: 26-Jun-2021 11:43:25 AM

MPHR: 98% of 190  
Speed: 2.5 mph  
Grade: 12.0%

BRUCE  
(1.0-100)Hz

Ex Time 04:29  
BLC : On  
Notch : On

PeakEx  
10.0 mm/mV  
25 mm/Sec.





Linked Medians Report

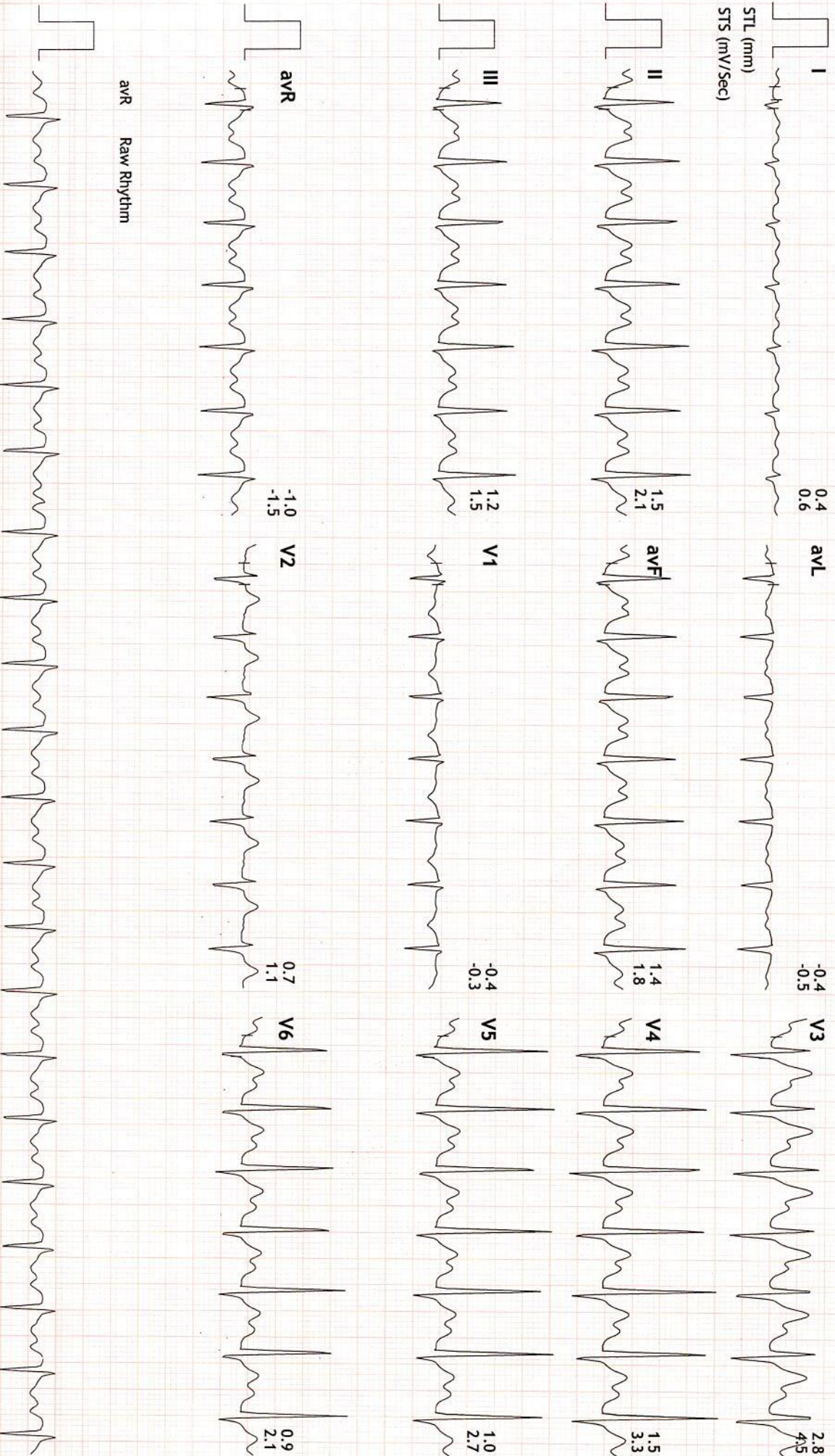
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANNINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 126 bpm  
30 Yrs/Male METS: 1.0  
58 Kg/169 Cms BP: 122/80  
Date: 26-Jun-2021 11:43:25 AM

MPHR:66% of 190 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 04:29  
BLC :On  
Notch :On

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





Linked Medians Report

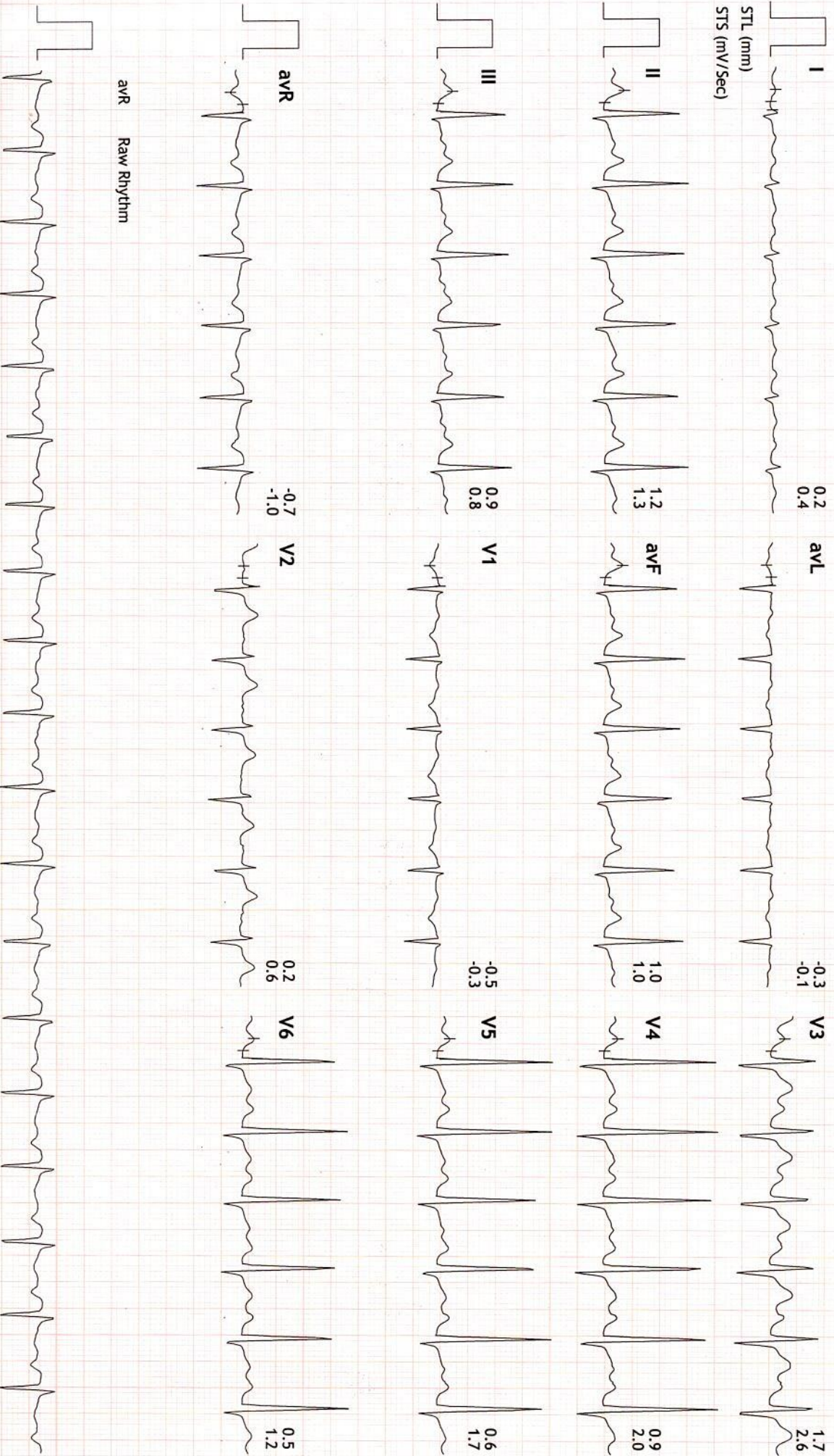
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 117 bpm  
30 Yrs/Male METS: 1.0  
58 Kg/169 Cms BP: 122/80  
Date: 26-Jun-2021 11:43:25 AM

MPHR: 61% of 190 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 04:29  
BLC : On  
Notch : On

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







Linked Medians Report

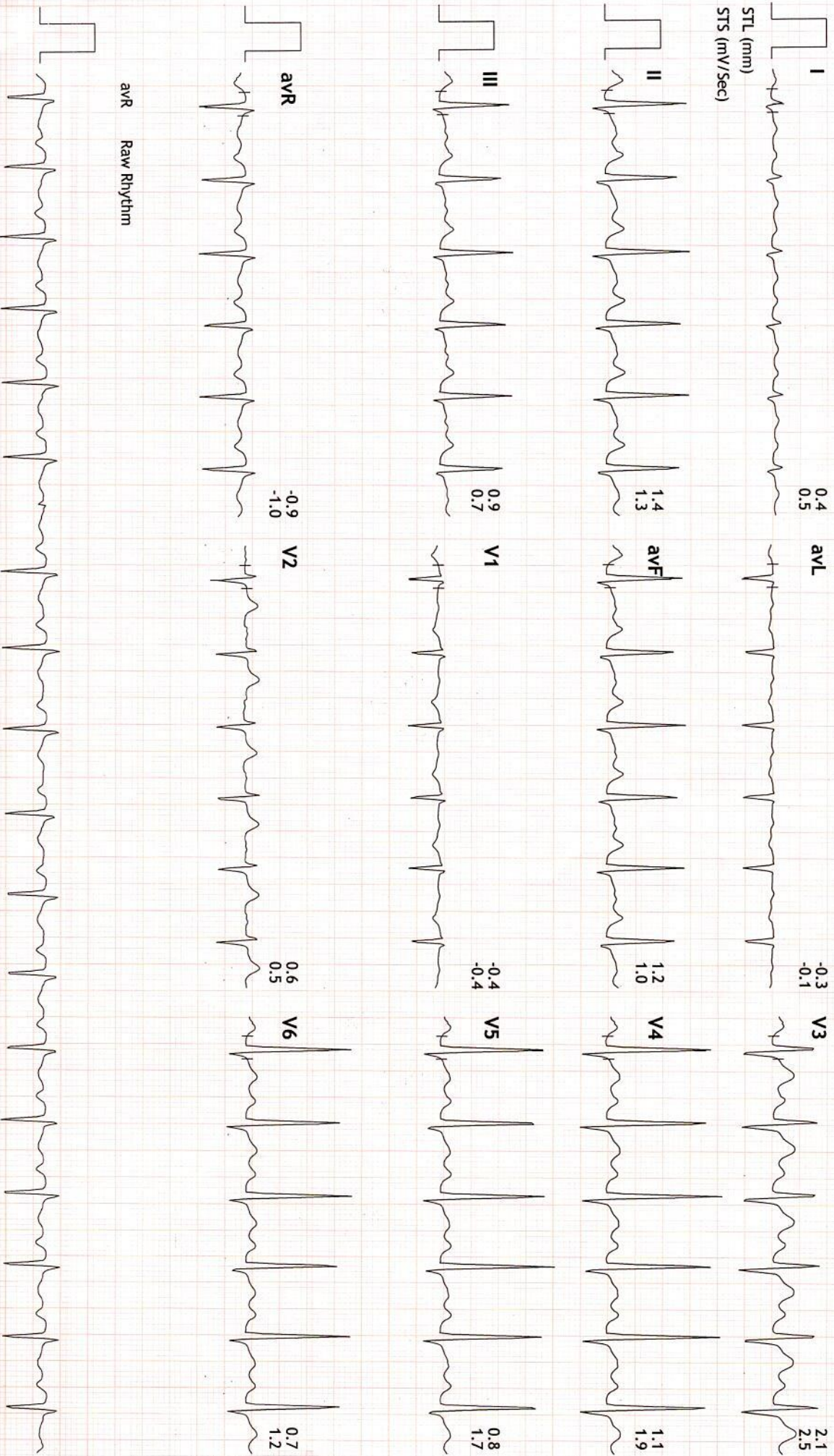
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

476/MAUNIL AMIN HR: 113 bpm  
30 Yrs/Male METS: 1.0  
58 Kg/169 Cms BP: 122/80  
Date: 26-Jun-2021 11:43:25 AM

MPHR: 59% of 190 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 04:29  
BLC : On  
Notch : On

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





**NAME: MAUNIL A. AMIN**

**M/30YRS.**

**DATE: 26/06/2021**

**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**  
M.D.

**DR. ANIRUDDHSINH RAHEVAR**  
DMRD DNB

**DR. RUCHIT SHAH**  
M.D.

**DR. AMISHA PATEL**  
M.D.





NAME: MAUNIL A. AMIN

M/30YRS.

DATE: 26/06/2021

REF.BY: PRAMUKH HOSPITAL

**U.S.G. OF ABDOMEN**

**Liver:** appears normal in size & shows bright 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:**

- Grade I fatty changes in liver.

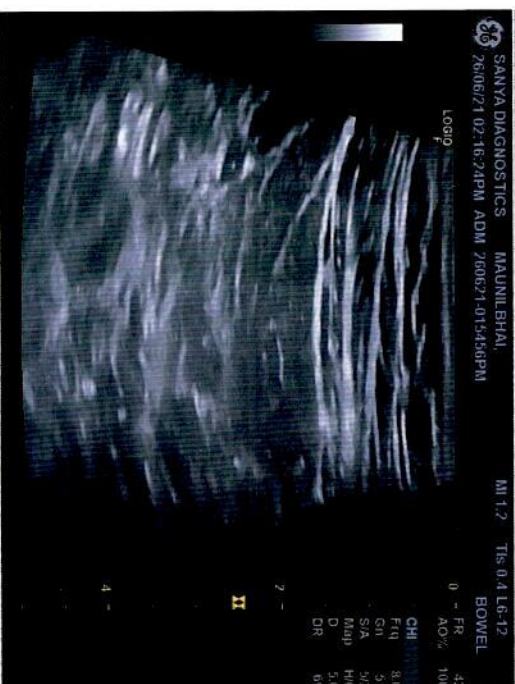
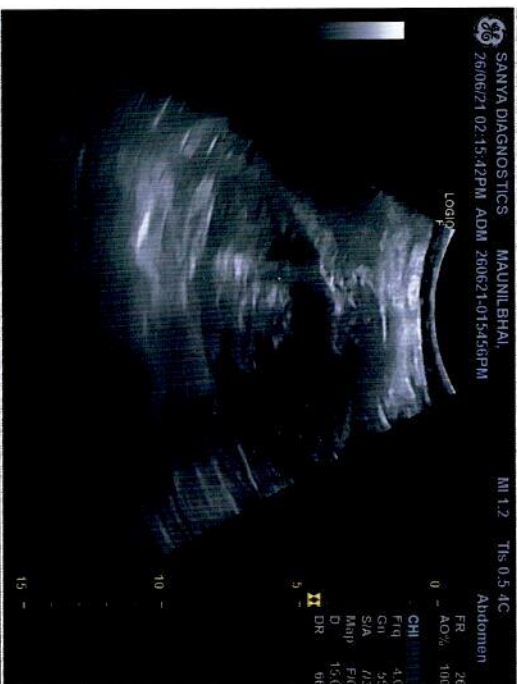
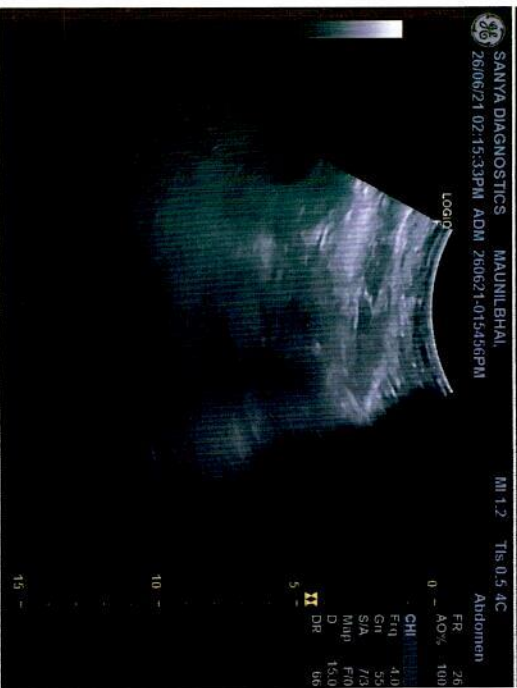
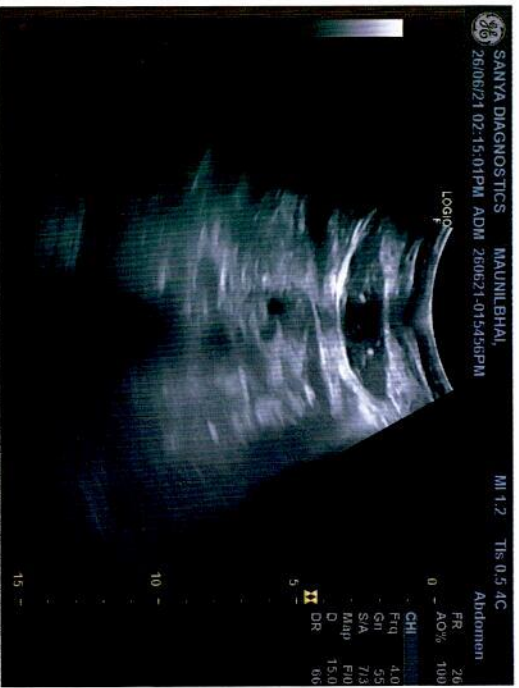


*S. Mevada*  
DR. SANDIP MEVADA  
M.D.

DR. ANIRUDDHSINH RAHEVAR  
DMRD DNB

DR. RUCHIT SHAH  
M.D.

DR. AMISHA PATEL  
M.D.





**PRAMUKH**  
**MULTI SPECIALITY**  
**HOSPITAL**

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

Patient Name : Maunil Arvidkumar Amin  
Sample No.. : 5916  
Referred : C/o. Bank Of Baroda

Age/Sex : 30 Years/Male  
Registration On:26/06/2021/13:14  
Approved On :26/06/2021 16:05

**THYROID FUNCTIONS**

<b><u>TEST</u></b>	<b><u>RESULT</u></b>	<b><u>UNIT</u></b>	<b><u>NORMAL VALUE</u></b>
Serum T3 :	<b>1.38</b>	ng/dl	0.6 - 1.80 ng/dl
Serum T4 :	<b>9.6</b>	microgm/dl	4.5 - 10.9 microgm/dl
Serum T.S.H :	<b>1.23</b>	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**



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**BLOOD GROUP**

<b><u>Test</u></b>	<b><u>Result</u></b>
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	: 174.9	mg/dl	Desirable : < 200 Borderline High : 200 - 239 High : > 240
Serum Triglycerides	: 53.5	mg/dl	Normal : Normal < 150 Borderline : 150 - 199 High : > 200
HDL Cholesterol	: 45.8	mg/dl	40 - 60 mg/dl
Serum LDL Cholesterol (Calculated)	: 118.4	mg/dl	Up to 150
Cholesterol/HDLC Ratio (Calculated)	: 3.82	mg/dl	Up to 5.0
Serum VLDL Cholesterol (Calculated)	: 10.7	mg/dl	Up to 35
LDLC/HDLC Ratio (Calculated)	: 2.59	mg/dl	Up to 3.4
Total Lipid (Calculated)	: 542.6	mg/dl	400 - 1000 mg/dl
Sr. Creatinine	: 0.91	mg/dl	0.6 - 1.4 mg/dl
Sr. Uric Acid	: 4.5	mg/dl	3.2 - 7.2 mg/dl
S. Bilirubin (Total)	: 0.42	mg/dl	upto 1.2 mg/dl
S. Bilirubin (Direct)	: 0.09	mg/dl	upto 0.2 mg/dl
S. Bilirubin (Indirect)	: 0.33	mg/dl	up to 1.0 mg/dl
SGOT	: 29.1	U/L	up to 40 U/L
SGPT	: <b>46.6</b>	U/L	up to 42 IU/L
GGT	: 63.0	U/L	12 - 64 U/L
S. Alkaline Phosphatase	: 85.2	U/L	40 - 129 U/L
Total Proteins	: 6.94	g/dl	6.0 - 8.3 g/dl
Albumin	: 3.86	g/dl	3.5 - 5.2 g/dl
Globulins	: 3.08	g/dl	2.4 - 3.7 g/dl
AGRATIO	: 1.253		



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### Glycosylated HB ( HBA1C )

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
<b>HBA1C:</b>	<b>5.36 %</b>	Normal: $\leq 5.6$ Prediabetes: 5.7-6.4 Diabetes: $\geq 6.5$ <i>Diabetes Control Criteria :</i> 6 -7 : Near Normal Glycemia < 7 : Goal 7 - 8 : Good Control > 8 : Action Suggested

**Mean Blood Glucose: 107.1 mg/dl**

#### Criteria for the diagnosis of diabetes

1. HbA1c  $\geq 6.5$  \*  
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  $\geq 200$ 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  $\geq 200$  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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**HAEMOGRAM REPORT**

Sample Type :-

<b><u>TESTS</u></b>	<b><u>RESULT</u></b>	<b><u>UNITS</u></b>	<b><u>REFERENCE RANGE</u></b>
<b>BLOOD COUNTS:</b>			
Haemoglobin	<b>13</b>	g/dL	11 to 16 g/dL
R.B.C. Count	<b>5.79</b>	mill./c.mm	4.5-6.5 mill./cmm
W.B.C. Count	<b>7700</b>	/c.mm	4,000 - 11,000/cmm
Platelet Count	<b>319000</b>		1,40,000 - 4,50,000 /cmm
<b>DIFFERENTIAL COUNT:</b>			
Polymorphs	<b>53</b>	%	60 - 70
Lymphocytes	<b>41</b>	%	20 - 40
Eosoniphils	<b>02</b>	%	1 - 4
Monocytes	<b>04</b>	%	2 - 6
Basophils	<b>00</b>	%	0 - 1
<b>BLOOD INDICES:</b>			
P.C.V.	<b>41.9</b>	%	38 - 44
M.C.V.	<b>72.4</b>	fl	80 - 96
M.C.H.	<b>22.5</b>	pg	27 - 31
M.C.H.C.	<b>31</b>	g/dl	32 - 36

**SMEAR STUDY:**

RBC **Normochromic normocytic red cells.**  
Platelet **Adequate**

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**E.S.R. (Western Grain Method)**

At 1Hour **05 mm**

01 to 12 mm/Hour

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**PROSTATE SPECIFIC ANTIGEN**

**Test**

**Result**

**Normal Range**

**PSA**

: 0.97 ng/ml

Less than 4.0ng/ml

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**BLOOD SUGAR LEVEL**

<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Normal Range</u></b>
Fasting Blood Sugar:	76.0	mg/dl	70-110
Post Prandial Blood Glucose:	118.5	mg/dl	100 - 150 mg/dl

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## URINE EXAMINATION

### PHYSICAL :

Colour - **Pale Yellow**  
Deposits - **Absent**  
Transparency - **Clear**  
Reaction - **Acidic**  
Sp. Gravity - **1.004**

### 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 - **2 - 3** /h.p.f.  
Casts - **Not seen**/l.p.f.  
Crystals - **Not seen**  
Amorphous - **Not seen**

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**BLOOD UREA NITROGEN**

<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Normal Range</u></b>
Urea:	26.7	mg/dl	10 - 50 mg/dl
Blood Urea Nitrogen:	12.48	mg/dl	08 - 23 mg/dl

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