



**PRAMUKH**

**MULTI SPECIALITY**

**HOSPITAL**

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

## MEDICAL EXAMINATION

DATE :- 08/01/2022

NAME :- MAHESHBHAI F. PARMAR

AGE /SEX :- 40 YRS / MALE

O/E :

T: (N)

BP: 130/80 mmHg.

P: 80/min.

RS: BAE (F)

SPO2: 98% on R.A.

CNS: Contorni.

CVS: S1+S2f

P/A: Soft.

ADV: —

Height: 163

Weight: 56

BMI: 21.6

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.

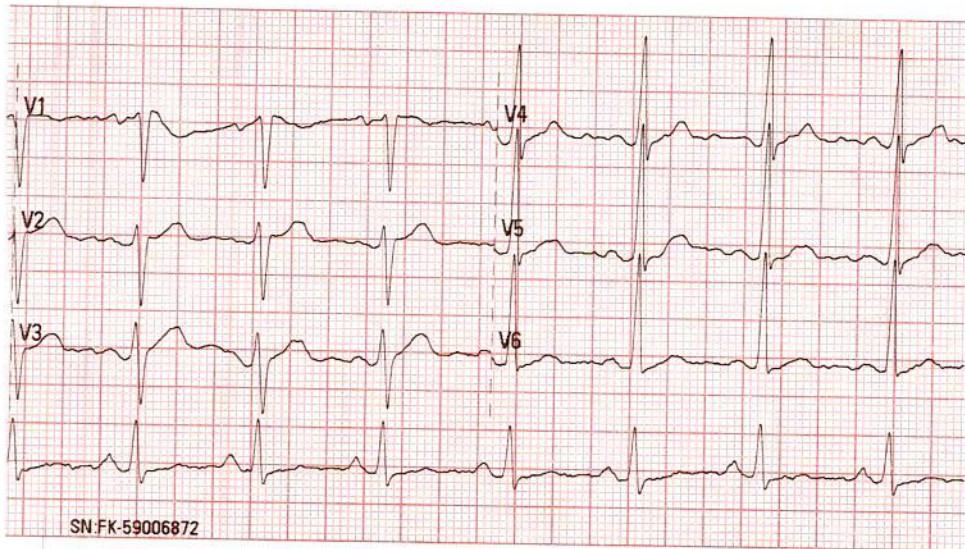
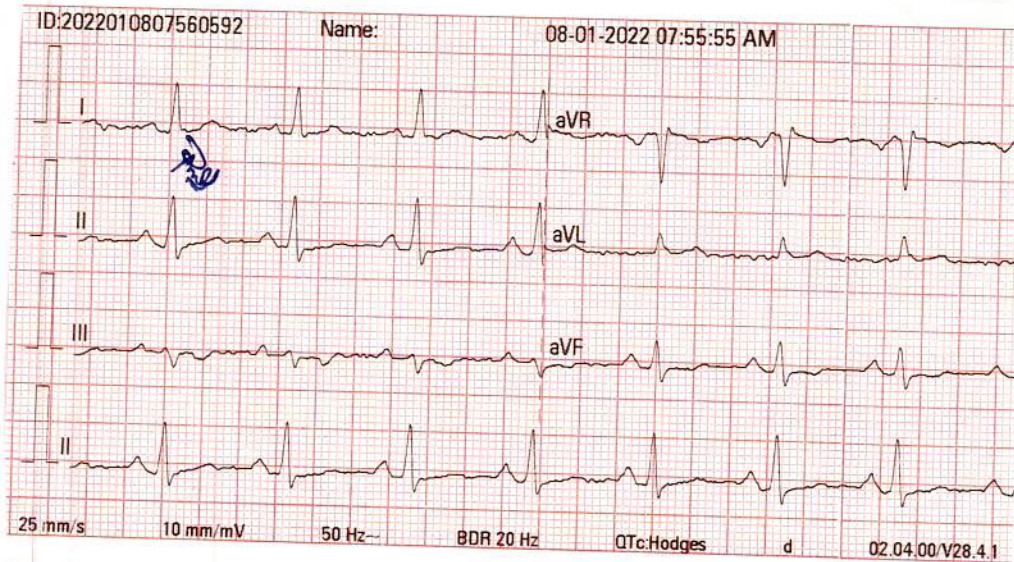




MAHESHBHAI F. PARMAR  
(8/1/2022)

# PRAMUKH MULTI SPECIALITY HOSPITAL

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



Normal ECG  
P-R-T - 80/14  
regular



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

HELP LINE No. 7227971927



NAME: MAHESHBHAI F. PARMAR

M/40YRS.

DATE: 08/01/2022

REF.BY: PRAMUKH HOSPITAL

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

**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.



DR. SANDIP MEVADA  
M.D.

DR. ANIRUDDHSINH RAHEVAR  
DMRD DNB

DR. RUCHIT SHAH  
M.D.

  
DR. AMISHA PATEL  
M.D.

DR. PRANAY PATEL  
M.D.



**Sanya**  
DIAGNOSTICS

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

**NAME: MAHESHBHAI F. PARMAR**

**M/40YRS.**

**DATE: 08/01/2022**

**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.

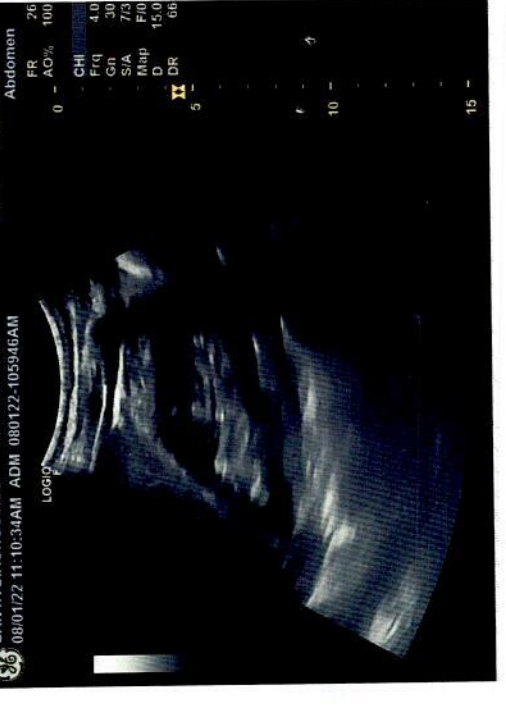
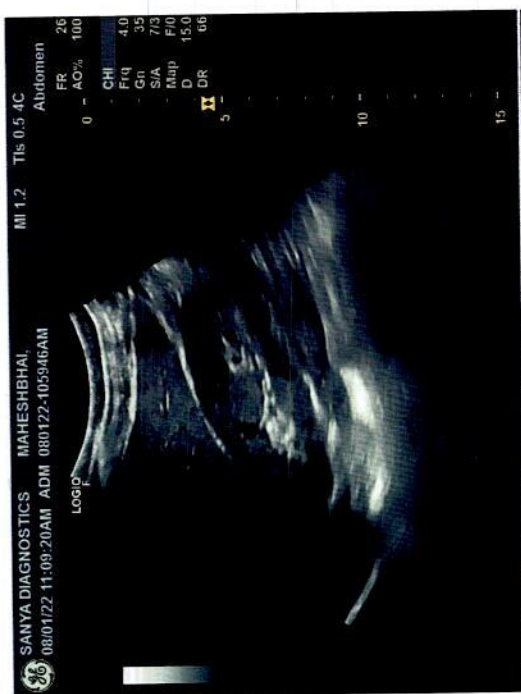
DR. ANIRUDDHSINH RAHEVAR  
DMRD DNB

DR. RUCHIT SHAH  
M.D.

  
DR. AMISHA PATEL  
M.D.

DR. PRANAY PATEL  
M.D.







Summary

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

Ref. By : BOB  
Medication : NO  
Objective : NO

797/MAHESHBHAI F PARMAR 40 Yrs/Male 56 Kg/163 Cms  
Protocol : BRUCE  
Date: 08-Jan-2022 08:01:10 AM  
History : NO

Stage	StageTime (Mins:Sec)	PhaseTime (Mins:Sec)	Speed (mph)	Grade (%)	METS	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	93	130/80	120	-	
Supine					1.0	100	130/80	130	-	
Standing					1.0	92	130/80	119	-	
HV					1.0	92	130/80	119	-	
ExStart					1.0	96	130/80	124	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	125	136/88	170	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	139	136/88	189	-	
PeakEx	1:44	7:45	3.4	14.0	8.9	163	146/92	237	-	
Recovery	1:00		0.0	0.0	1.2	139	146/92	202	-	
Recovery	4:00		0.0	0.0	1.0	109	132/86	143	-	
Recovery	7:00		0.0	0.0	1.0	110	132/86	145	-	

Findings :

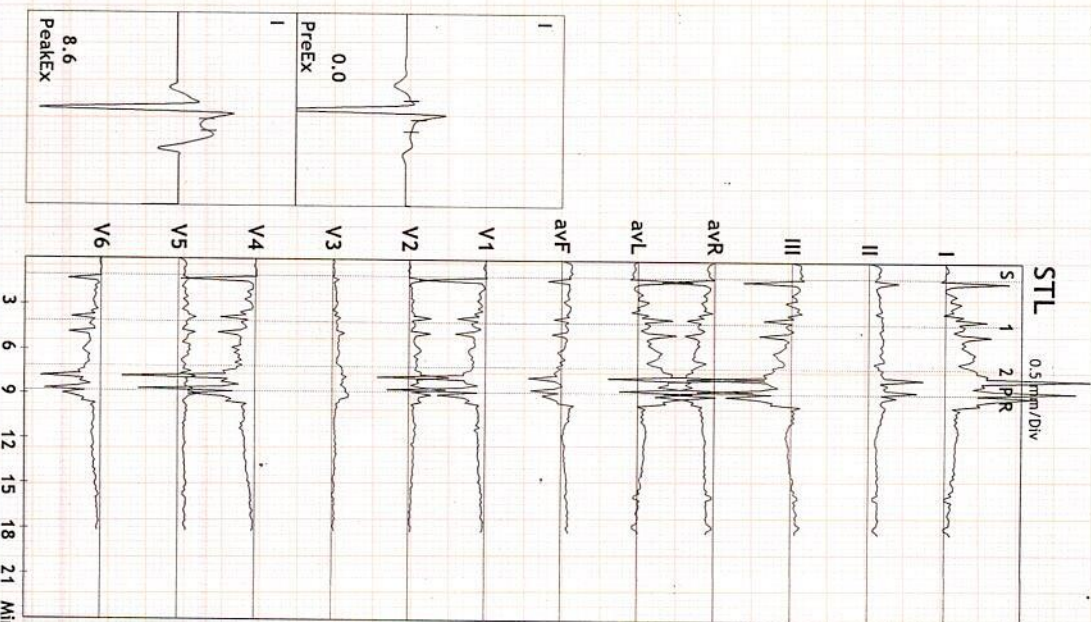
Exercise Time : 7:44 minutes  
 Max HR attained : 163 bpm 91% of Max Predictable HR 180  
 Max BP : 146/92(mmHg)  
 Workload attained : 8.9 (Fair Effort Tolerance )  
 No significant ST segment changes noted during exercise or recovery.  
 No Angina/Arrhythmia/S3/murmur  
 Final Impression : Test is negative for inducible ischemia.  
 Maximum Depression : 6:45  
 TARGET HR ACHIEVED.  
 MAX HR.



Advice/Comments:

Normal TMT

TMT is negative



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



ST Summary

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

797/MAHESHBHAI F PARMAR 40 Yrs/Male 56 Kg/163 Cms  
 Date: 08-Jan-2022 08:01:10 AM

Protocol : BRUCE

STL (mm) 60 mSecs Post J	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine	0.2	0.7	0.5	-0.5	-0.2	0.6	-0.2	0.1	0.0	-0.1	0.5	0.0
Supine	0.0	0.6	0.6	-0.3	-0.3	0.6	0.0	-0.1	0.1	0.1	0.3	0.0
Standing	0.0	0.7	0.7	-0.4	-0.4	0.7	0.0	0.0	0.1	0.1	0.4	-0.1
HV	0.0	0.7	0.7	-0.4	-0.4	0.7	0.0	0.0	0.1	0.1	0.4	-0.1
ExStart	0.0	0.5	0.5	-0.3	-0.2	0.5	0.0	0.0	0.1	0.0	0.4	-0.1
Stage 1	0.9	0.9	0.0	-0.9	0.4	0.5	-0.5	0.2	0.3	-0.5	0.7	-0.4
Stage 2	1.9	0.6	-1.3	-1.3	1.6	-0.3	-0.8	0.5	0.5	-0.9	0.5	-1.0
PeakX	8.6	3.1	-6.2	-6.2	7.5	-2.0	-6.4	2.4	0.9	-7.6	1.0	-3.7
Recovery	0.5	1.1	0.6	-0.8	0.0	0.8	-0.4	0.1	0.2	-0.6	0.4	-0.3
Recovery	0.6	0.5	-0.2	-0.6	0.4	0.2	-0.4	0.3	0.3	-0.7	0.3	-0.6
Recovery	0.0	0.3	0.4	-0.2	-0.2	0.3	-0.2	0.1	0.0	-0.3	0.3	-0.2
STS mV/Sec.	-1.5	0.4	1.8	0.4	-1.7	1.1	0.3	-0.3	-0.1	0.5	-0.1	0.4
Supine	-1.4	0.4	1.6	0.4	-1.6	1.0	0.4	-0.4	0.0	0.5	-0.2	0.4
Supine	-1.6	0.4	1.8	0.5	-1.8	1.1	0.5	-0.3	-0.1	0.7	-0.1	0.4
Standing	-1.6	0.4	1.8	0.5	-1.8	1.1	0.5	-0.3	-0.1	0.7	-0.1	0.4
HV	-1.6	0.4	1.8	0.5	-1.8	1.1	0.5	-0.3	-0.1	0.7	-0.1	0.4
ExStart	-1.7	0.3	1.7	0.6	-1.8	1.0	0.4	-0.2	-0.1	0.6	-0.2	0.3
Stage 1	-1.6	0.4	1.8	0.5	-1.8	1.1	0.4	-0.4	0.1	0.6	-0.1	0.3
Stage 2	0.1	0.3	0.0	-0.3	0.0	0.1	-0.2	0.0	0.4	-0.2	-0.7	-0.4
PeakX	0.3	0.4	0.0	-0.4	0.0	0.2	-0.4	0.3	0.3	-0.7	-0.8	-0.6
Recovery	-2.3	0.6	2.6	0.7	-2.6	1.7	0.6	-0.6	0.1	0.8	-0.6	0.5
Recovery	-1.1	0.3	1.2	0.3	-1.3	0.8	0.1	-0.2	0.2	0.1	-0.3	0.0
Recovery	-1.3	0.3	1.4	0.3	-1.5	0.9	0.2	-0.3	-0.1	0.2	-0.1	0.3

STI on Next Page



STI	μVs	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
	Supine	3.0	3.6	0.7	-3.4	1.2	2.2	-1.6	0.9	0.2	-1.3	3.4	-0.7
	Supine	1.7	2.9	1.0	-2.5	0.4	2.0	-1.2	0.3	0.4	-0.7	2.6	-0.4
	Standing	2.0	3.7	1.6	-3.0	0.1	2.7	-0.8	0.7	0.6	-0.9	3.1	-1.0
	HV	2.0	3.7	1.6	-3.0	0.1	2.7	-0.8	0.7	0.6	-0.9	3.1	-1.0
	ExStart	2.1	2.7	0.7	-2.6	0.7	1.8	-1.2	0.5	0.3	-1.0	3.0	-0.8
	Stage 1	6.9	4.8	-2.0	-5.7	4.5	1.4	-3.9	2.3	0.8	-3.9	4.0	-2.9
	Stage 2	8.5	2.9	-5.7	-5.9	7.1	-1.3	-4.3	3.0	1.5	-4.4	4.0	-4.4
	PeakX	47.3	17.6	-33.9	-34.6	41.1	-11.2	-36.4	13.8	4.0	-42.5	7.2	-20.2
	Recovery	4.6	5.1	0.4	-5.0	2.2	2.7	-3.3	1.8	0.6	-4.5	3.4	-2.1
	Recovery	4.3	2.4	-2.1	-3.6	3.2	0.2	-2.6	2.0	1.0	-3.7	2.6	-3.2
	Recovery	1.0	1.1	0.7	-1.1	0.0	0.6	-1.3	1.3	0.1	-1.9	2.2	-1.3

*Handwritten signature*





Linked Medians Report

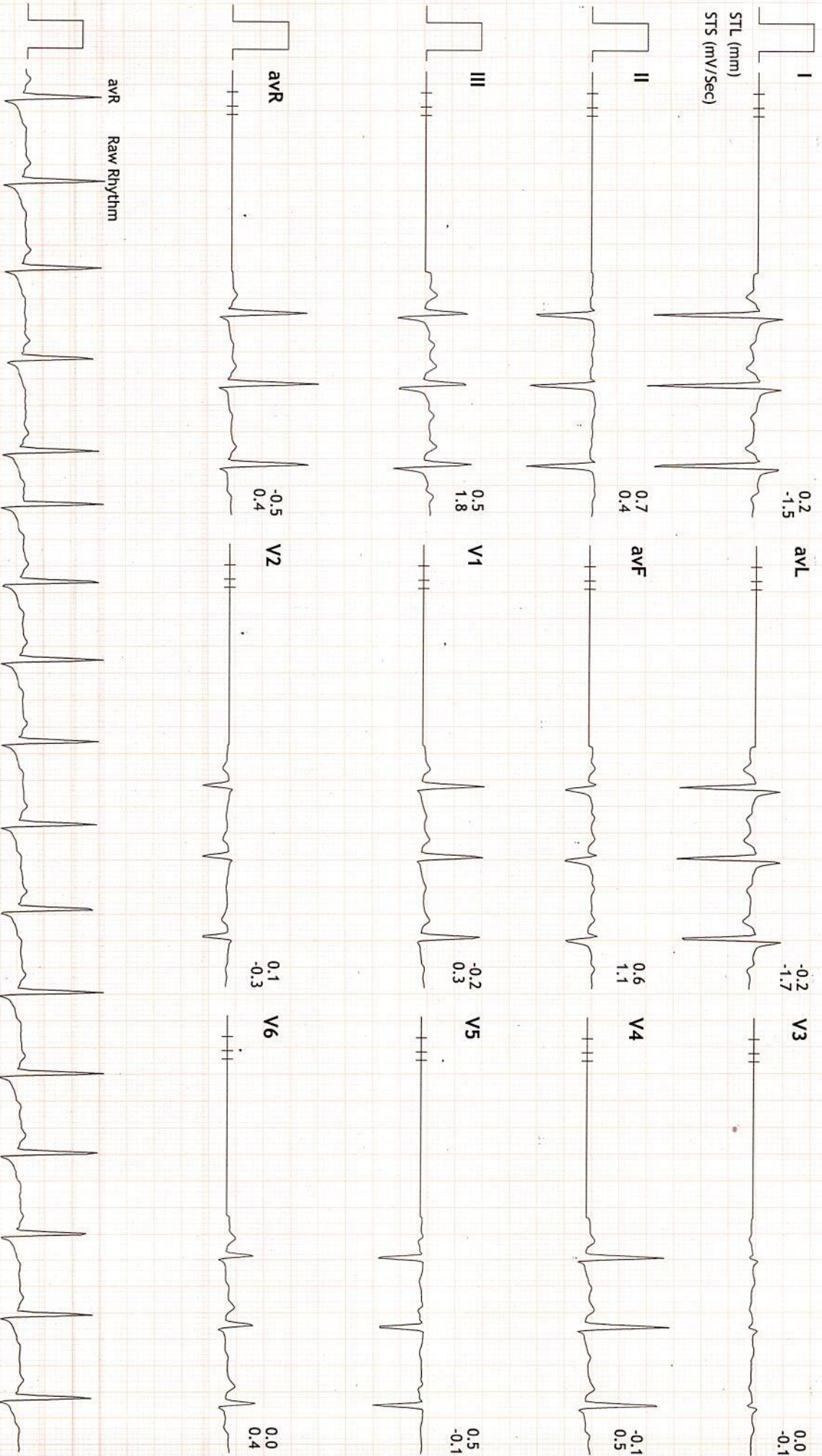
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

797//MAHESHBHAI F PARMAR 93 bpm  
40 Yrs/Male METS: 1.0  
56 Kg/163 Gms BP: 130/80  
Date: 08-Jan-2022 08:01:10 AM

MPHR: 51% of 180  
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.



27



Linked Medians Report

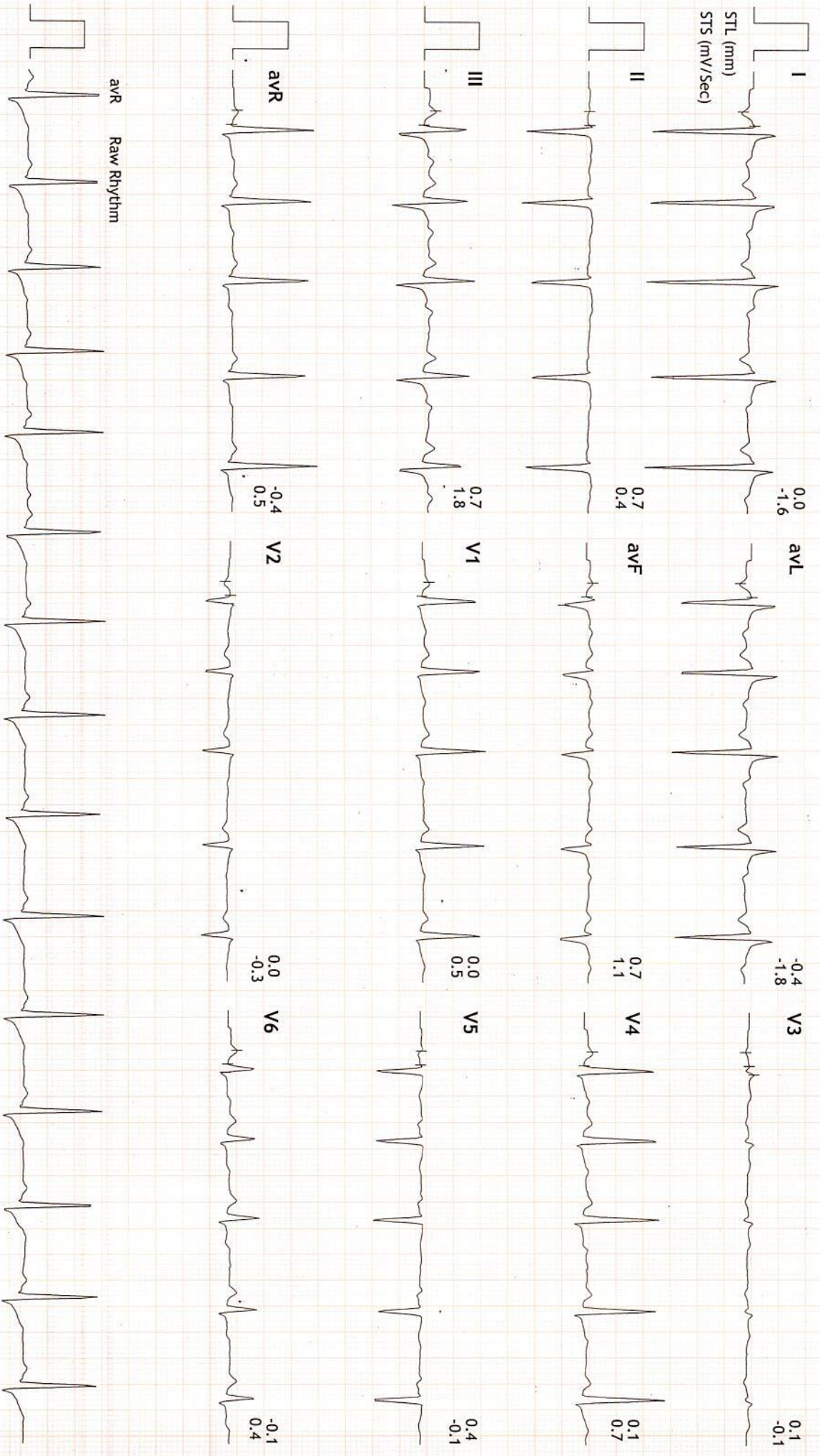
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

797/MAHESHBHAI F PARMAR 100 bpm  
40 Yrs/Male METS: 1.0  
56 Kg/163 Cms BP: 130/80  
Date: 08-Jan-2022 08:01:10 AM

MpHR: 55% of 180 BRUCE  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 00:48  
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.

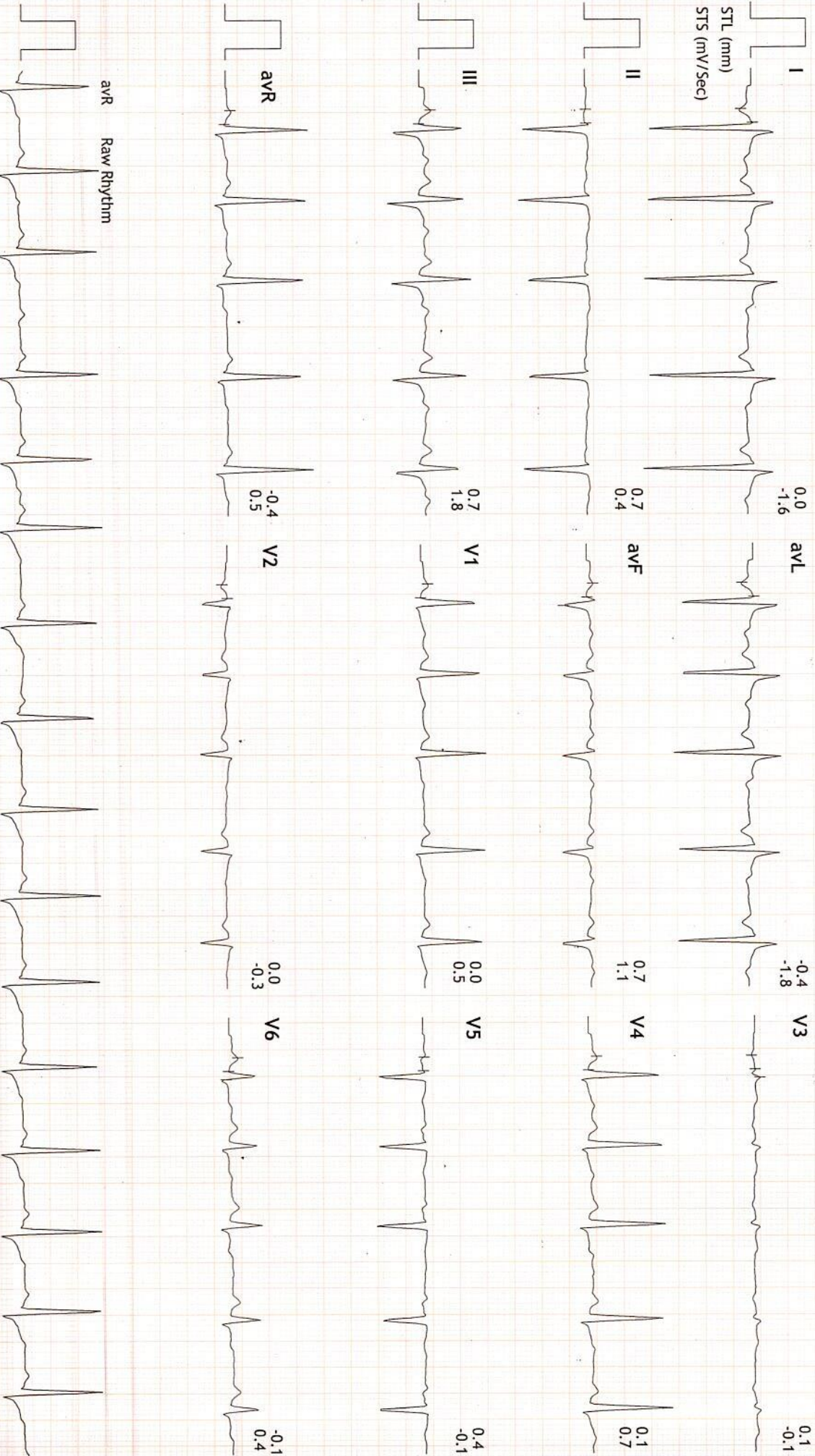
797/MAHESHBHAI F PARMAR 92 bpm  
40 Yrs./Male METS: 1.0  
56 Kg/163 Cms BP: 130/80  
Date: 08-Jan-2022 08:01:10 AM

MPPR: 51% of 180  
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.





Linked Medians Report

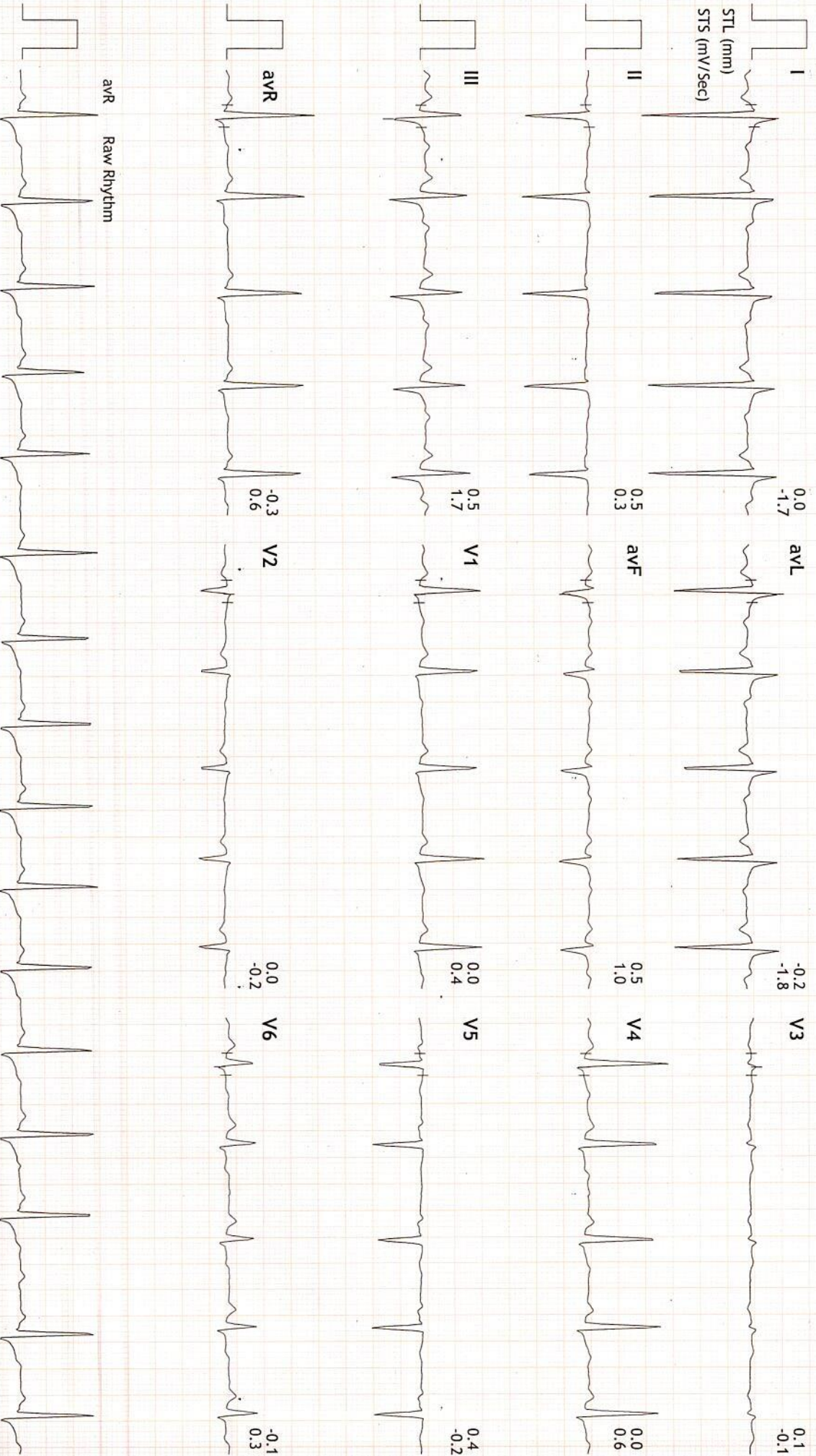
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

797/MAHESHBHAI F PARMAR 92 bpm  
40 Yrs/Male METS: 1.0  
56 Kg/163 Cms BP: 130/80  
Date: 08-Jan-2022 08:01:10 AM

MpHR: 51% of 180  
Speed: 0.0 mph (1.0-100)Hz  
Grade: 0.0%

Ex Time 00:55  
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.

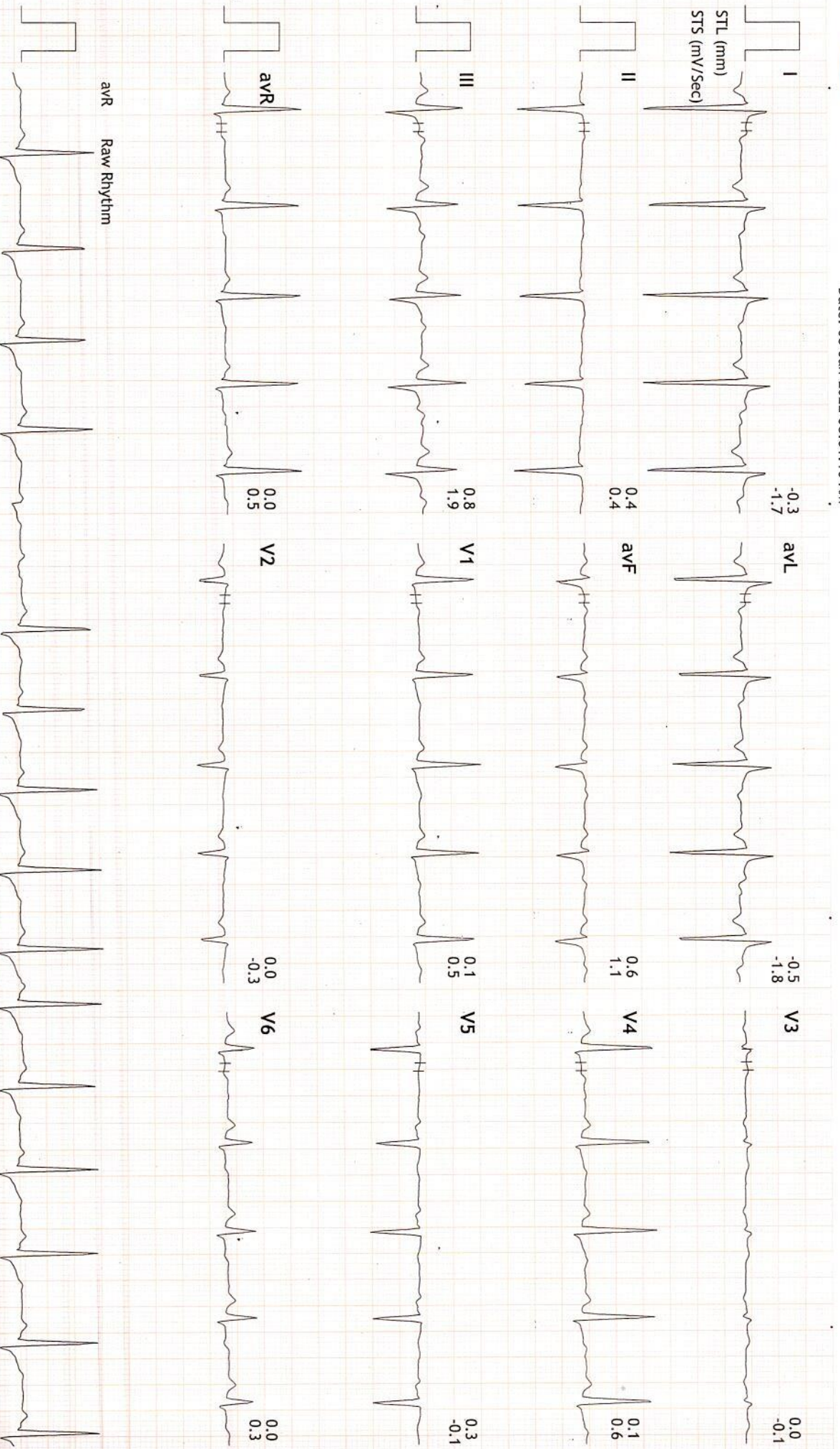
797/MAHESHBHAI F PARMAR 96 bpm  
40 Yrs/Male  
56 Kg/163 Cms  
Date: 08-Jan-2022 08:01:10 AM

MPHR: 53% of 180  
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, MAINNAGAR (E) Ahm. 08.

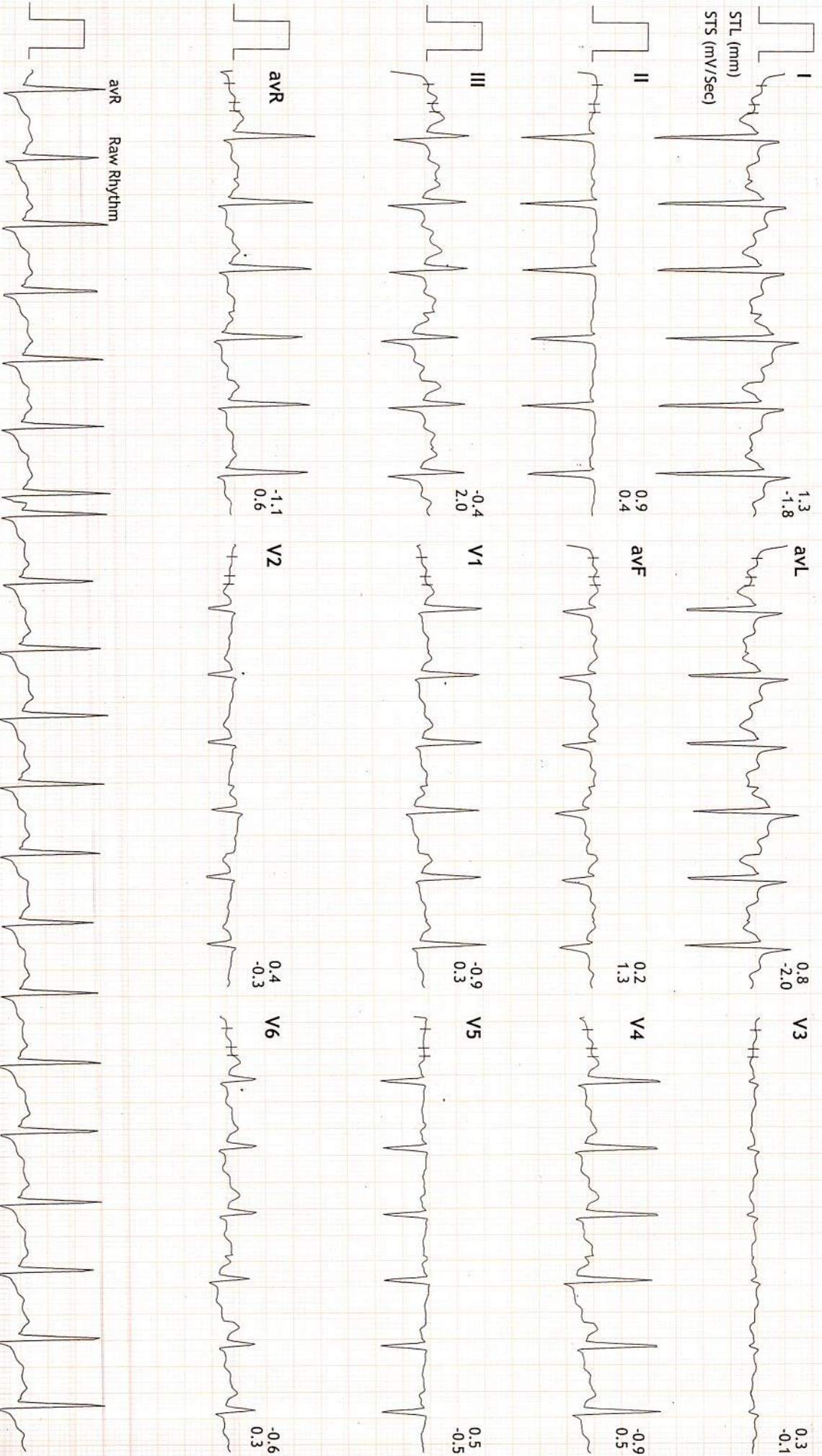
797/MAHESHBHAI F PARMAR 125 bpm  
40 Yrs/Male METS: 4.7  
56 Kg/163 Cms BP: 136/88  
Date: 08-Jan-2022 08:01:10 AM

MPHR: 69% of 180  
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

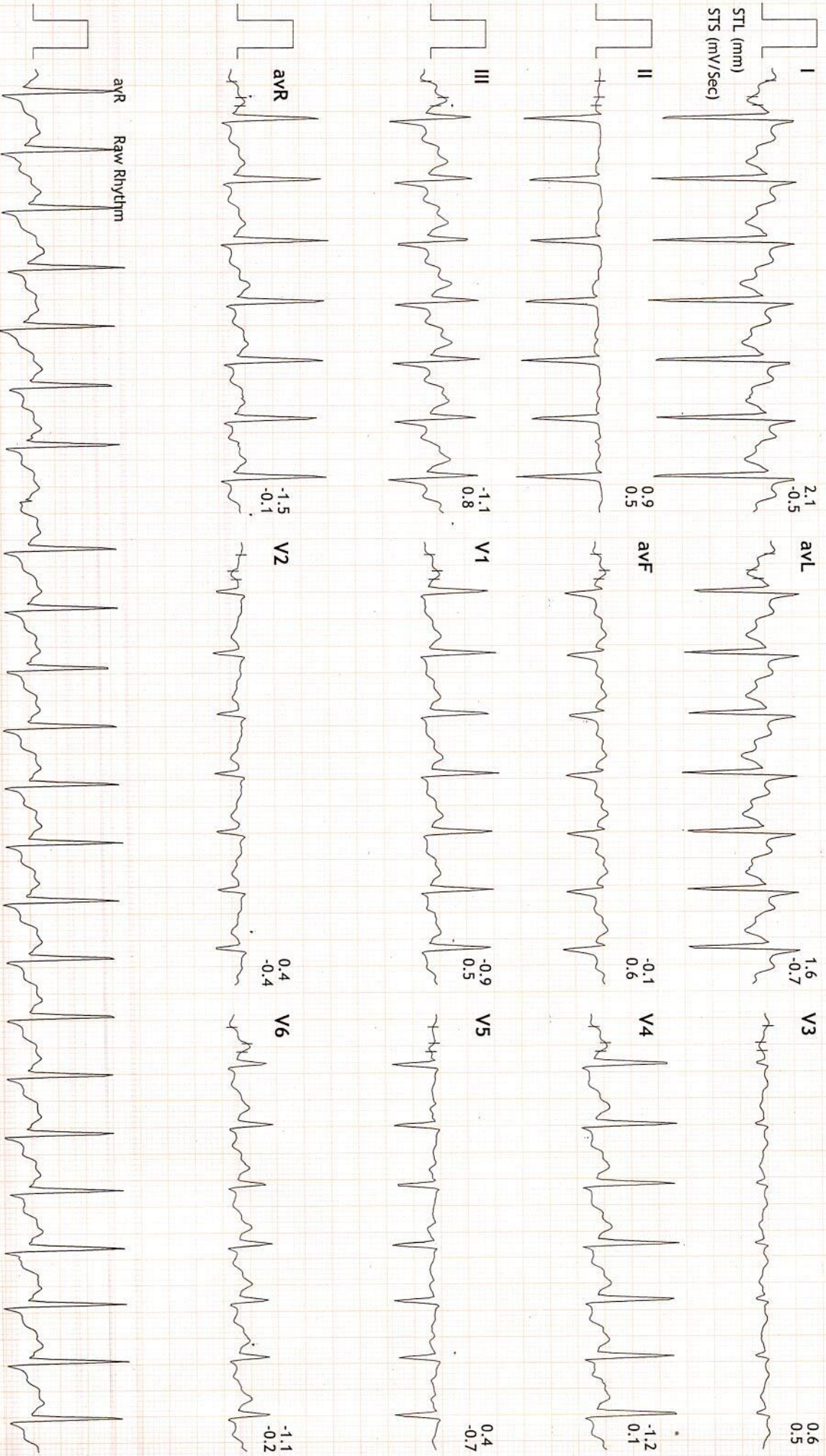
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR. RAILWAY CROSSING, MAINNAGAR (E) Ahm. 08.

797/MAHESHBHAI F PARMAR 139 bpm  
40 Yrs/Male METS: 7.1  
56 Kg/163 Cms BP: 136/88  
Date: 08-Jan-2022 08:01:10 AM

MPHR: 77% of 180  
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.

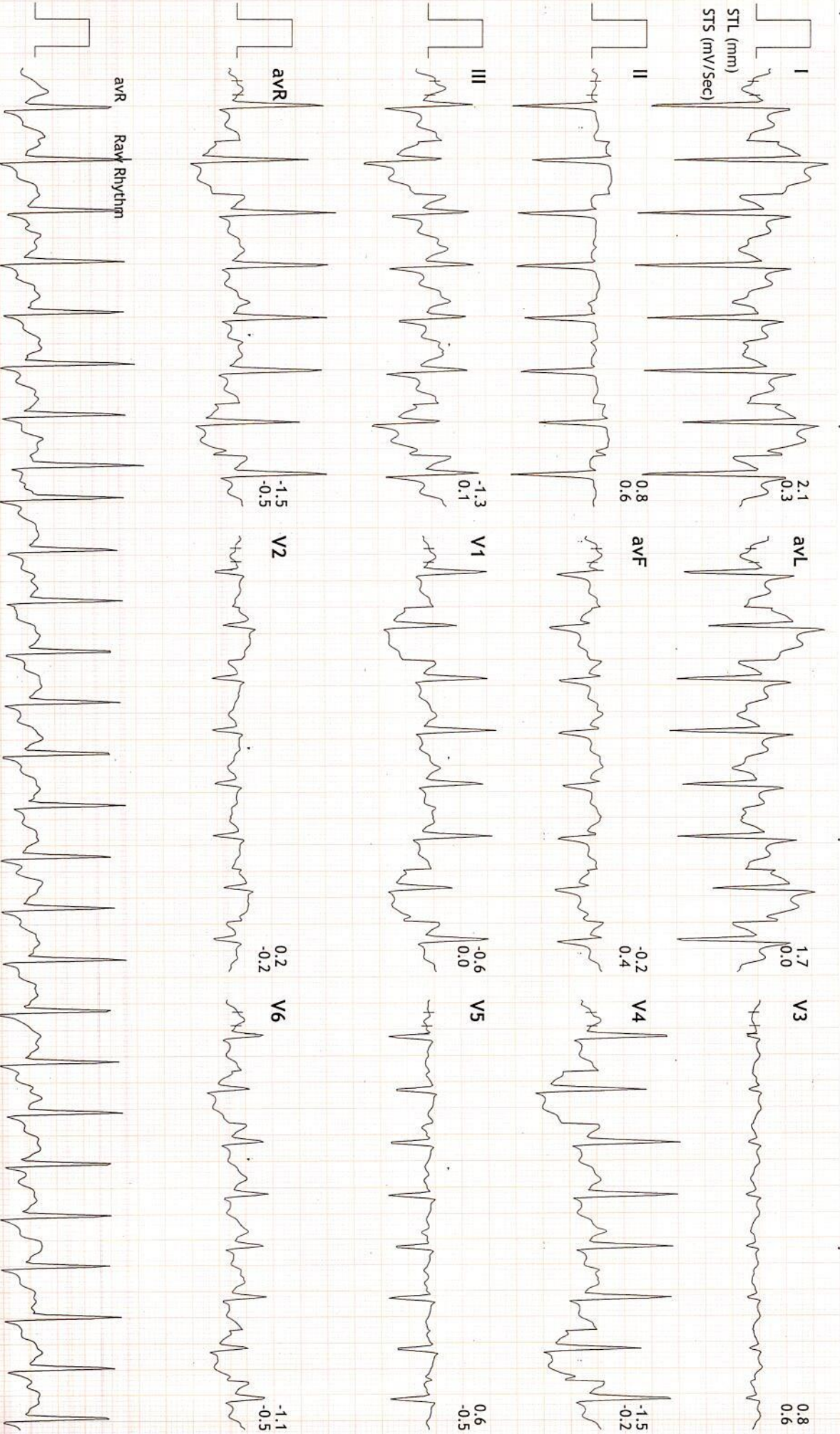
797//MAHESHBHAI F PARKAR 163 bpm  
40 Yrs/Male METS: 8.9  
56 Kg/163 Cms BP: 146/92  
Date: 08-Jan-2022 08:01:10 AM

MPHR:90% of 180  
Speed: 3.4 mph  
Grade: 14.0%

BRUCE  
(1.0-100)Hz

Ex Time 07:43  
BLC :On  
Notch : On

PeaKx  
10.0 mm/mV  
25 mm/Sec.







Linked Medians Report

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

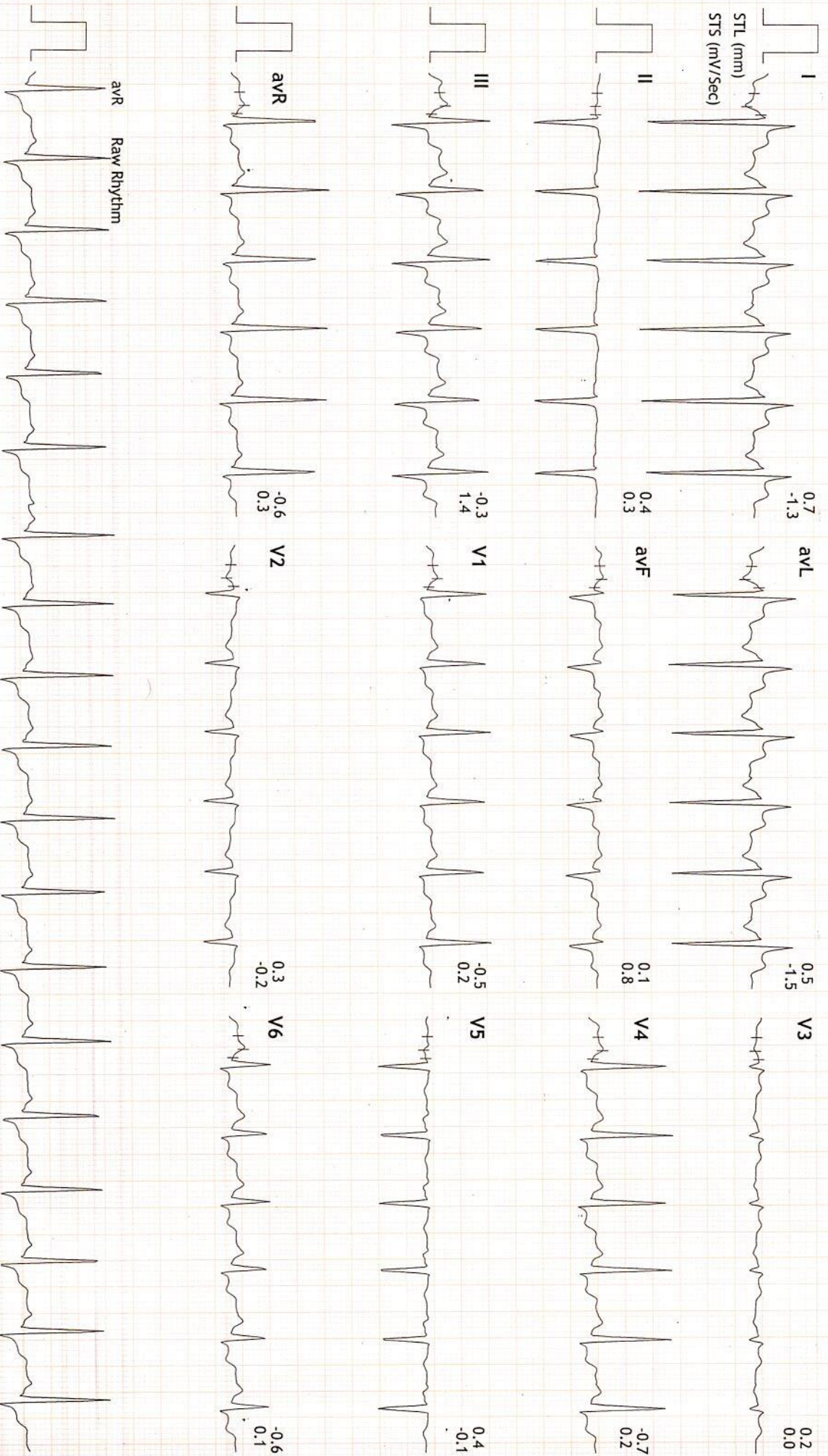
797/MAHESHBHAI F PARMAR 114 bpm  
40 Yrs/Male METS: 1.0  
56 Kg/163 Cms BP: 146/92  
Date: 08-Jan-2022 08:01:10 AM

MPHR:63% of 180  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 07:43  
BLC :On  
Notch :On

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





Linked Medians Report

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

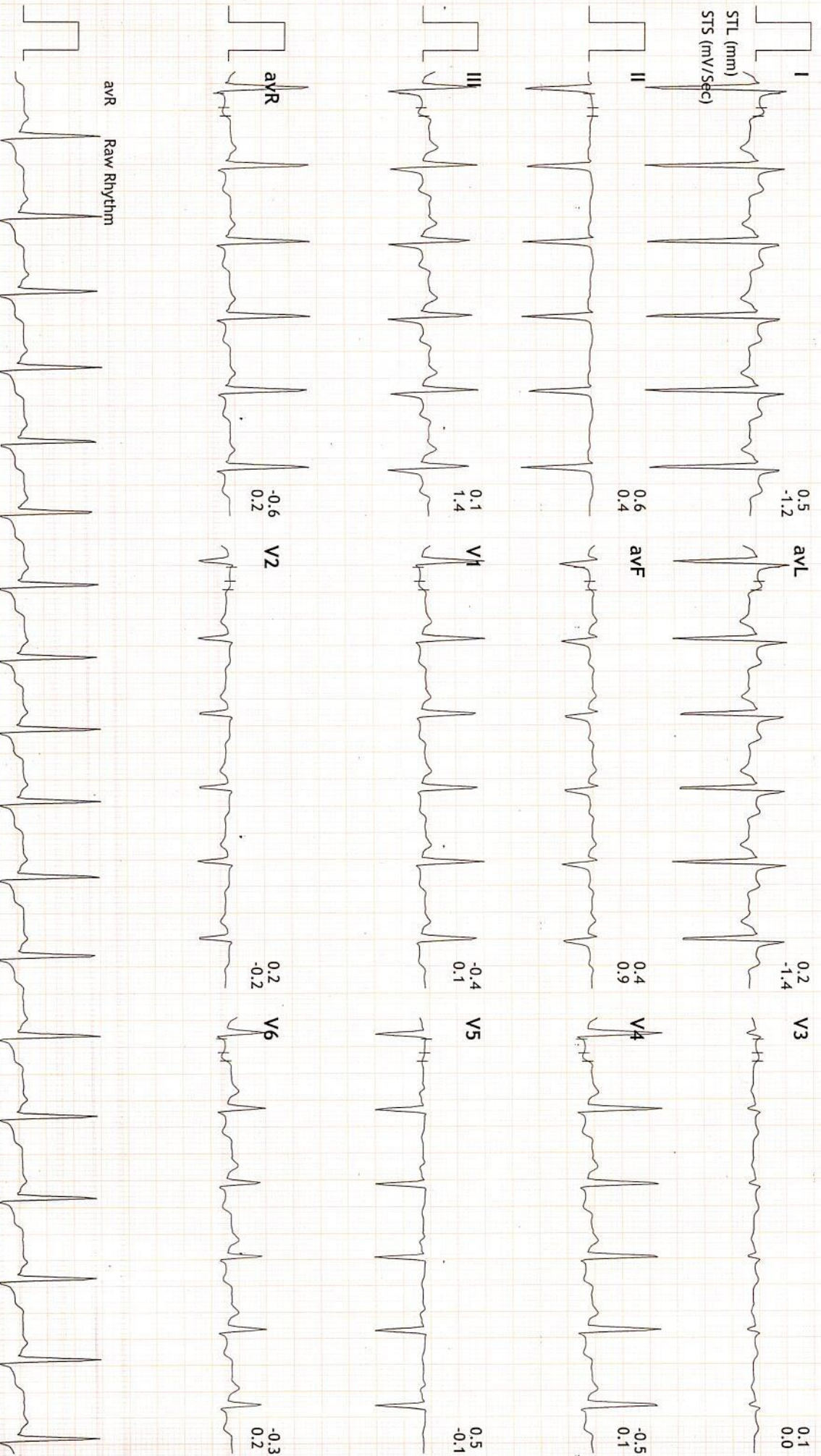
797//MAHESHBHAI F PARMAR 112 bpm  
40 Yrs/Male METS: 1.0  
56 Kg/163 Cms BP: 132/86  
Date: 08-Jan-2022 08:01:10 AM

MPHR:62% of 180  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 07:43  
BLC :On  
Notch : On

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





Linked Medians Report

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

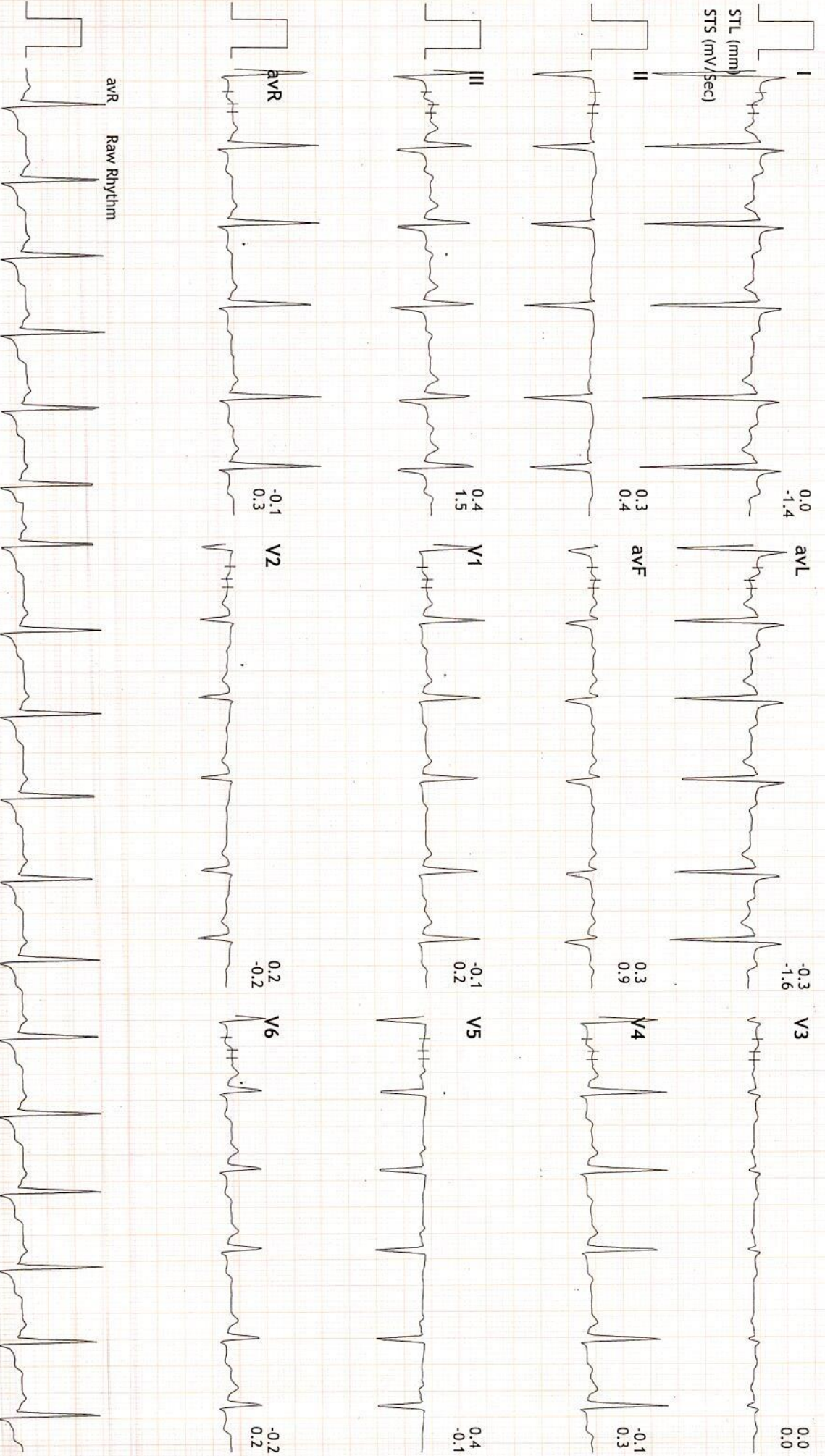
797/MAHESHBHAI F PARAMR 111 bpm  
40 Yrs/Male METS: 1.0  
56 Kg/163 Cms BP: 132/86  
Date: 08-Jan-2022 08:01:10 AM

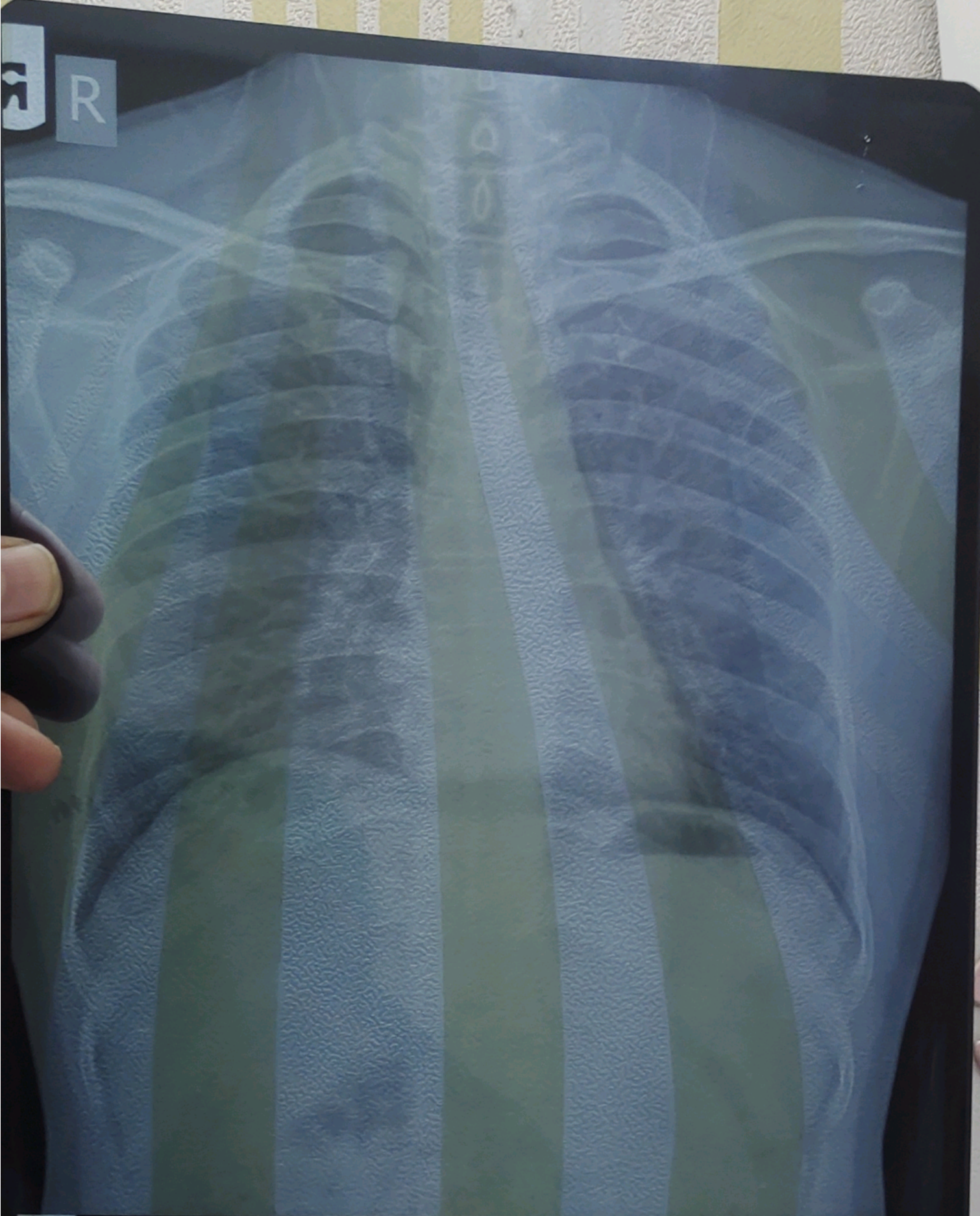
MPHR: 61% of 180  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 07:43  
BLC :On  
Notch :On

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





MAHESHBHAI PARMAR Male

Chest PA

08/01/2022 9:58:15 AM

SANYA DIAGNOSTICS , MANINAGAR , AHMEDABAD.



Patient Name : Mahesh F Parmar  
Sample No.. : 6367  
Referred : C/o. Bank Of Baroda

Age/Sex : 40 Years/Male  
Registration On:08/01/2022/12:23  
Approved On :08/01/2022 17:45

## Thyroid Functions

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
T3-Triodothyronine	: <b>1.24</b> ng/ml	0.6 - 1.80 ng/ml
T4-Thyroxine	: <b>8.4</b> mcg/dl	4.5 - 10.9 mcg/dl
TSH Thyroid Stimulating Hormone	: <b>2.31</b> 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



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

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

Patient Name : Mahesh F Parmar  
Sample No.. : 6367  
Reffered : C/o. Bank Of Baroda

Age/Sex : 40 Years/Male  
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Approved On :08/01/2022 14:30

**BLOOD SUGAR LEVEL**

Specimen : FLOURIDE

<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Biological Ref. Interval</u></b>
<b>Fasting Blood Sugar:</b> (GOD-POD)	<b>96.27</b>	<b>mg/dl</b>	<b>70-110</b>
<b>Post Prandial Blood Glucose:</b> (GOD-POD)	<b>107.29</b>	<b>mg/dl</b>	<b>100 - 150</b>

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**BLOOD GROUP**

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

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## Lipid Profile

Specimen :SERUM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Interval</u>
<b>S. Cholesterol:</b> (CHOD-POD)	<b>181.33</b>	<b>mg/dl</b>	<b>Normal :&lt; 200</b> <b>Borderline : 200 - 240</b> <b>High : &gt; 240</b>
<b>Serum Triglycerides:</b> (GPO-POD)	<b>105.24</b>	<b>mg/dl</b>	<b>Normal :Normal &lt; 150</b> <b>Borderline : 150 - 199</b> <b>High : &gt; 200</b>
<b>HDL Cholesterol:</b> (Direct-Cholesterol Esterase HSDA)	<b>61.56</b>	<b>mg/dl</b>	<b>40 - 60 mg/dl</b>
<b>Serum LDL Cholesterol:</b> (Calculated)	<b>98.722</b>	<b>mg/dl</b>	<b>Up to 150</b>
<b>Serum VLDL Cholesterol:</b> (Calculated)	<b>21.048</b>	<b>mg/dl</b>	<b>Up to 35</b>
<b>LDLC/HDLC Ratio:</b> (Calculated)	<b>1.6</b>	<b>mg/dl</b>	<b>Up to 3.4</b>
<b>Cholesterol/HDLC Ratio:</b> (Calculated)	<b>2.95</b>	<b>mg/dl</b>	<b>Up to 5.0</b>
<b>Total Lipid:</b> (Calculated)	<b>596.852</b>	<b>mg/dl</b>	<b>400 - 1000 mg/dl</b>

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## Glycosylated HB - (HBA1C)

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref Interval</u>
<b>HBA1C:</b> (Immunoturbidimetric)	5.0	%	Normal : $\leq 5.6$ Prediabetes : 5.7 - 6.4 Diabetes : $\geq 6.5$ <b>DIABETES CONTROL CRITERIA</b> 6 - 7 : Near Normal Glycemia < 7 : Goal 7 - 8 : Good Control > 8 : Action Suggested
<b>Mean Blood Glucose:</b>	96.8	mg/dl	

### Criteria for the diagnosis of diabetes

- HbA1c  $\geq 6.5$  \*  
Or
- Fasting plasma glucose  $>126$  gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.  
Or
- Two hour plasma glucose  $\geq 200$ mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.  
Or.
- 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 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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## URINE EXAMINATION

### PHYSICAL :

Colour - **Pale Yellow**  
Deposits - **Absent**  
Transparency - **Clear**  
Reaction - **Acidic**  
Sp. Gravity - **1.003**

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

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## LIVER FUNCTION TESTS

Specimen: SERUM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref Interval</u>
<b>S. Bilirubin (Total):</b> (Photometric DC Diazo)	0.46	mg/dl	up to 1.2
<b>S. Bilirubin (Direct):</b> (Photometric DC Diazo)	0.25	mg/dl	up to 0.2
<b>S. Bilirubin (Indirect):</b> (Calculated)	0.21	mg/dl	up to 1.0
<b>SGPT(ALT)</b> (UV Kinetic)	25.89	U/L	up to 42
<b>SGOT (AST)</b> (UV Kinetic)	29.53	U/L	up to 40
<b>GGT</b> (Optimized kinetic colortest IFCC)	17.45	U/L	12 - 64
<b>Total Proteins:</b> (Biuret)	6.48	g/dl	6.0 - 8.3
<b>Albumin</b> (BCG)	4.21	g/dl	3.5 - 5.2
<b>Globulins:</b> (Calculated)	<u>2.27</u>	g/dl	2.4 - 3.7
<b>AGRATIO:</b> (Calculated)	1.855		
<b>S.Alkaline Phosphatase:</b> (Colorimetric Optimized Kinetic IFCC)	77.79	U/L	40 - 129

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**RENAL FUNCTION**

Specimen :SERUM

<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Biological Ref. Interval</u></b>
<b>Sr. Creatinine:</b> <small>(Modified Jaffe's)</small>	0.81	mg/dl	0.6 - 1.2 mg/dl
<b>Urea:</b> <small>(GLDH)</small>	15.55	mg/dl	10 - 50 mg/dl
<b>S. Uric Acid:</b> <small>(Uricase-POD)</small>	4.93	mg/dl	3.2 - 7.2 mg/dl
<b>Blood Urea Nitrogen:</b> <small>(Calculated)</small>	<u>7.27</u>	mg/dl	08 - 23 mg/dl
<b>Bun/Creat Ratio:</b> <small>(Calculated)</small>	8.98		

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## COMPLETE BLOOD COUNT

Sample :EDTA

Test		Result	Unit	Biological Ref. Interval
<b>BLOOD COUNT</b>				
Hemoglobin	colorimetric	16.0	g/dL	13 - 17
R.B.C Count	Electrical impedance	5.49	mill/cmm	4.5 - 5.5
W.B.C Count	Electrical impedance	7.18	10 <sup>3</sup> /uL	4.0 - 10.0
Platelet Count	Electrical impedance	299.7	10 <sup>3</sup> /uL	150 - 450
<b>DIFFERENTIAL COUNT</b>				
Polymorphs	Microscopic	54	%	60 - 70
Lymphocytes	Microscopic	40	%	20 - 40
Eosinophils	Microscopic	01	%	1 - 6
Monocytes	Microscopic	05	%	2 - 10
Basophils	Microscopic	00	%	0 - 2
<b>BLOOD INDISES</b>				
HCT	Rbc Histogram	49.7	%	40 - 50
MCV	Calculated	90.5	fl	80 - 100
MCH	Calculated	29.1	pg	27 - 32
MCHC	Calculated	32.2	g/dl	32 - 36
RDW-CV	Calculated	12.7	%	10 - 16.5

### PERIPHERAL SMEAR EXAMINATION

SMEAR Platelets: Adequate

### Erythrocyte sedimentation rate

ESR AT 1 hour westergren 02

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mm/Hour 00 - 15

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आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

MAHESHBHAI FALJIBHAI PARMAR

FALJIBHAI DOLATSINH PARMAR

29/03/1981

Permanent Account Number

BKBPP0360C

*Handwritten signature*

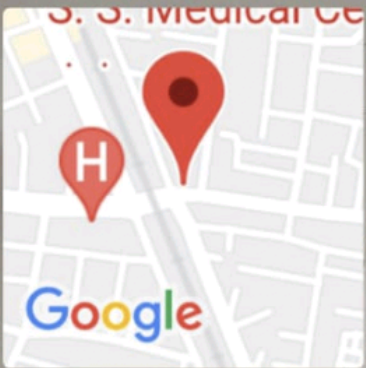
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