



**PRAMUKH**

**MULTI SPECIALITY**

**HOSPITAL**

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

## MEDICAL EXAMINATION

DATE :- 26/2/22

NAME :- SANOTSH KUMAR HANUNANTHU

AGE /SEX :- 27 yrs / male

O/E :

Height : 164

T: (N)

Weight : 65

BP : 124/82 mmHg.

BMI : 24

P : 90 / - ml

Eye Exam. : Vision Normal

RS : BAEP

Ear Exam. : Hearing Normal.

SPO2 : 98% ON R.A.

CNS : Con/lori.

CVS : S1+S2f

P/A : Soft

ADV : —

*HSK*

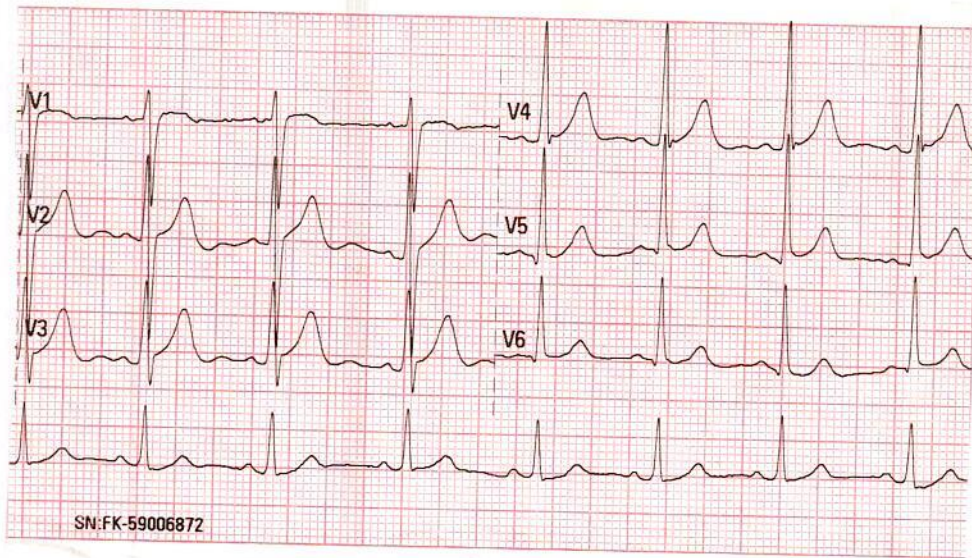
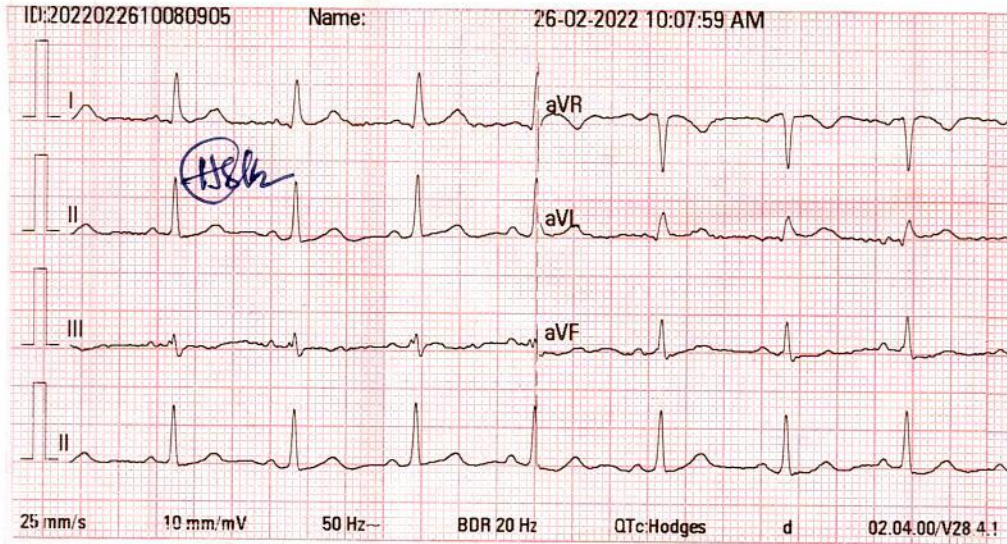


*B.A. panchal*  
**Dr. Brijesh Panchal**  
MBBS  
Regd. No. G-28095  
PRAMUKH MULTISPECIALITY HOSPITAL  
Maninagar, Ahmedabad-8.



# PRAMUKH MULTI SPECIALITY HOSPITAL

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



Normal E.C.C  
PRH 90 144  
Vg 112



10-11-54

**DR. KAMLESH N. SHAH**  
M.D. (FICA-USA)

HELP LINE No. 7227971927

Reg. No. G-1345  
PRAMUKH MULTISPECIALITY HOSPITAL  
MANINAGAR, AHMEDABAD.



Summary

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

874/SANTOSH KUMAR HANUNANTHU 27 Yrs/Male

65 Kg/164 Cms

Date: 26-Feb-2022 10:16:18 AM

Ref. By : BOB  
Medication : NO  
Objective : NO  
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	88	124/82	109	-	
Supine					1.0	85	124/82	105	-	
Standing					1.0	79	124/82	97	-	
HV					1.0	80	124/82	99	-	
ExStart					1.0	75	124/82	93	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	135	132/86	178	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	158	142/92	224	-	
PeakEx	0:31	6:32	3.4	14.0	7.6	176	142/92	249	-	
Recovery	1:00		0.0	0.0	1.1	124	142/92	176	-	
Recovery	4:00		0.0	0.0	1.0	100	130/86	130	-	
Recovery	7:00		0.0	0.0	1.0	91	130/86	118	-	
Recovery	8:43		0.0	0.0	1.0	102	130/86	132	-	

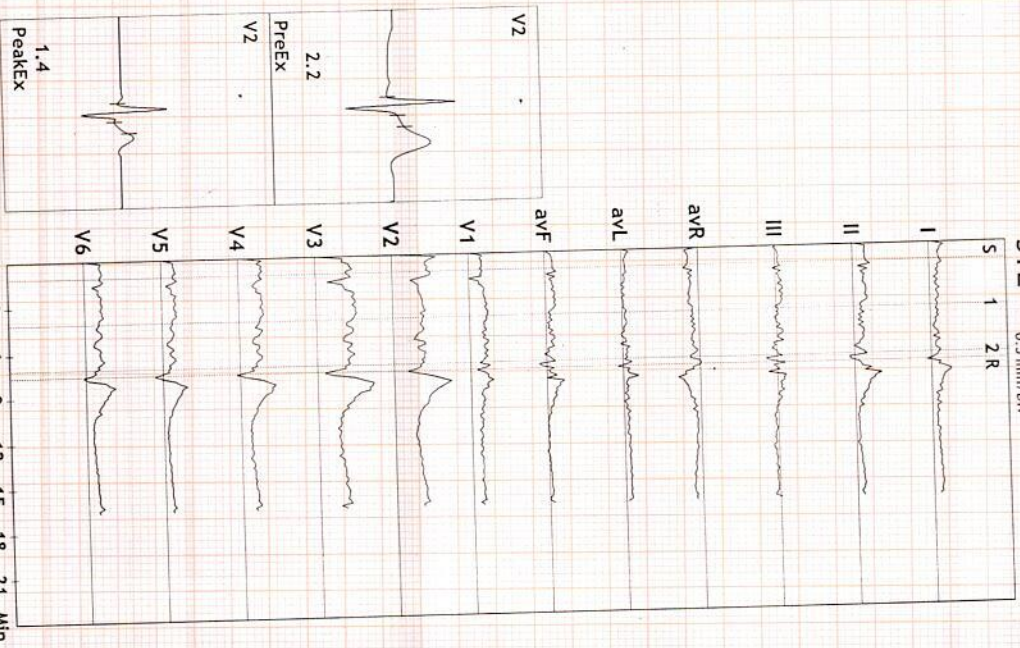
Findings :

Exercise Time : 6:31 minutes  
 Max HR attained : 175 bpm 91% of Max Predictable HR 193  
 Max BP : 142/92(mmHg)  
 Workload attained : 7.6 (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: 6:31  
 TARGET HR ACHIEVED.

Advice/Remarks:

TMT is normal

CTMT is reserved



DR. KAMLESH K. SHAH

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



ST Summary

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

874/SANTOSH KUMAR HANUNANTHU 27 Yrs/Male 65 Kg/164 Cms  
 Date: 26-Feb-2022 10:16:18 AM

Protocol : BRUCE

STL (mm)	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine	0.7	0.8	0.1	-0.7	0.3	0.4	0.9	2.1	2.2	1.5	0.8	1.0
Supine	0.6	0.8	0.1	-0.7	0.2	0.5	0.9	2.3	2.4	1.5	0.9	1.2
Standing	0.6	0.8	0.1	-0.7	0.2	0.5	0.9	2.3	2.4	1.5	0.9	1.2
HV	0.6	0.8	0.1	-0.7	0.2	0.5	0.9	2.3	2.4	1.5	0.9	1.2
EXStart	0.6	0.8	0.2	-0.7	0.2	0.5	0.7	2.2	1.9	1.3	0.7	1.0
Stage 1	0.5	0.4	-0.1	-0.4	0.3	0.2	1.2	2.0	2.4	1.3	0.6	0.9
Stage 2	0.6	0.7	0.0	-0.6	0.3	0.4	0.8	2.0	2.1	1.1	0.5	0.9
PeakEX	0.1	-0.2	-0.4	0.1	0.2	-0.3	1.0	1.4	1.1	0.4	0.0	0.4
Recovery	1.2	1.7	0.5	-1.4	0.3	1.1	1.1	3.4	3.6	2.0	1.2	1.6
Recovery	0.3	0.2	-0.1	-0.2	0.2	0.0	0.7	1.4	1.5	0.7	0.3	0.4
Recovery	0.5	0.3	-0.2	-0.4	0.4	0.1	0.7	1.7	1.7	0.8	0.3	0.6
Supine	0.4	0.7	0.3	-0.5	0.1	0.5	0.7	1.6	1.9	1.2	0.6	0.8
Supine	0.4	0.7	0.3	-0.6	0.1	0.5	0.8	1.8	2.1	1.2	0.7	0.9
Standing	0.4	0.7	0.3	-0.6	0.1	0.5	0.8	1.8	2.1	1.2	0.7	0.9
HV	0.4	0.7	0.3	-0.6	0.1	0.5	0.8	1.8	2.1	1.2	0.7	0.9
EXStart	0.3	0.7	0.3	-0.5	-0.1	0.5	0.7	1.5	1.6	0.9	0.5	0.7
Stage 1	0.7	1.3	0.6	-1.0	0.0	0.9	0.9	2.3	3.2	2.1	1.3	1.8
Stage 2	1.1	3.0	1.8	-2.1	-0.3	2.4	0.4	2.7	3.8	2.5	1.7	2.3
PeakEX	0.9	-0.3	-1.2	-0.3	1.1	-0.7	1.2	3.1	3.9	3.1	2.4	2.8
Recovery	1.9	3.1	1.2	-2.5	0.4	2.1	0.6	4.6	5.5	3.7	2.5	3.3
Recovery	0.4	0.9	0.6	-0.7	-0.1	0.8	0.5	1.6	2.2	1.3	0.8	0.9
Recovery	0.4	0.6	0.3	-0.5	0.0	0.4	0.5	1.4	1.8	0.9	0.5	0.6

STI on Next Page

DR. KAMLESH N. SHAH



STI	μVs	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine		2.6	2.7	0.2	-2.6	1.2	1.4	4.1	9.2	9.0	6.2	3.2	4.1
Supine		2.2	3.1	0.6	-2.7	0.7	1.9	4.2	10.0	10.1	6.4	3.8	4.7
Standing		2.2	3.1	0.6	-2.7	0.7	1.9	4.2	10.0	10.1	6.4	3.8	4.7
HV		2.2	3.1	0.6	-2.7	0.7	1.9	4.2	10.0	10.1	6.4	3.8	4.7
ExStart		2.5	3.1	0.5	-2.8	0.9	1.9	3.8	10.1	8.4	5.8	3.1	4.2
Stage 1		0.7	-0.6	-1.5	0.0	1.1	-1.1	5.6	6.2	7.2	2.9	0.4	0.9
Stage 2		0.2	-3.0	-3.3	1.4	1.6	-3.0	4.8	4.8	4.2	0.5	-1.1	-0.2
PeakEx		-1.6	-2.1	-0.6	1.9	-0.5	-1.3	4.0	1.4	-1.8	-4.1	-5.0	-3.5
Recovery		2.2	3.2	1.0	-2.6	0.5	2.0	5.5	8.9	8.8	3.6	1.4	1.5
Recovery		0.5	-1.1	-1.9	0.2	1.2	-1.4	3.2	4.9	3.9	1.3	-0.4	0.2
Recovery		1.8	0.2	-1.5	-1.0	1.7	-0.6	3.4	6.9	6.4	2.8	0.8	1.9

*ASB*



Linked Medians Report

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

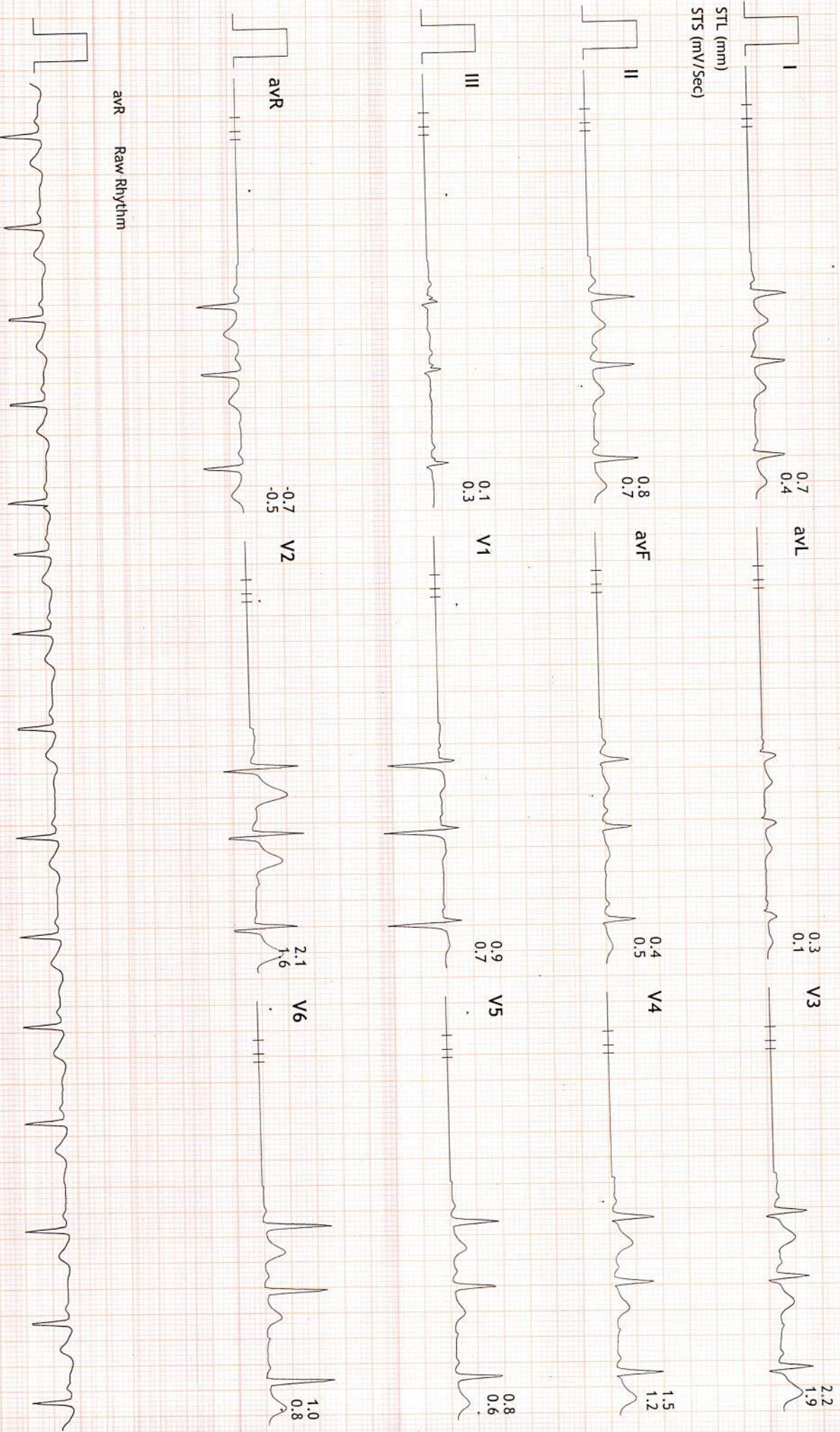
874/SANTOSH KUMAR HARIJANI  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MHR: 43% of 193  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 00:34  
BLC : On  
Notch : On

SUPINE  
10.0 mm/mV  
25 mm/Sec.



*(Signature)*



Linked Medians Report

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

874/SANTOSH KUMAR HARIJESHTH  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MPHR: 43% of 193  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)HZ

Ex Time 00:51  
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.

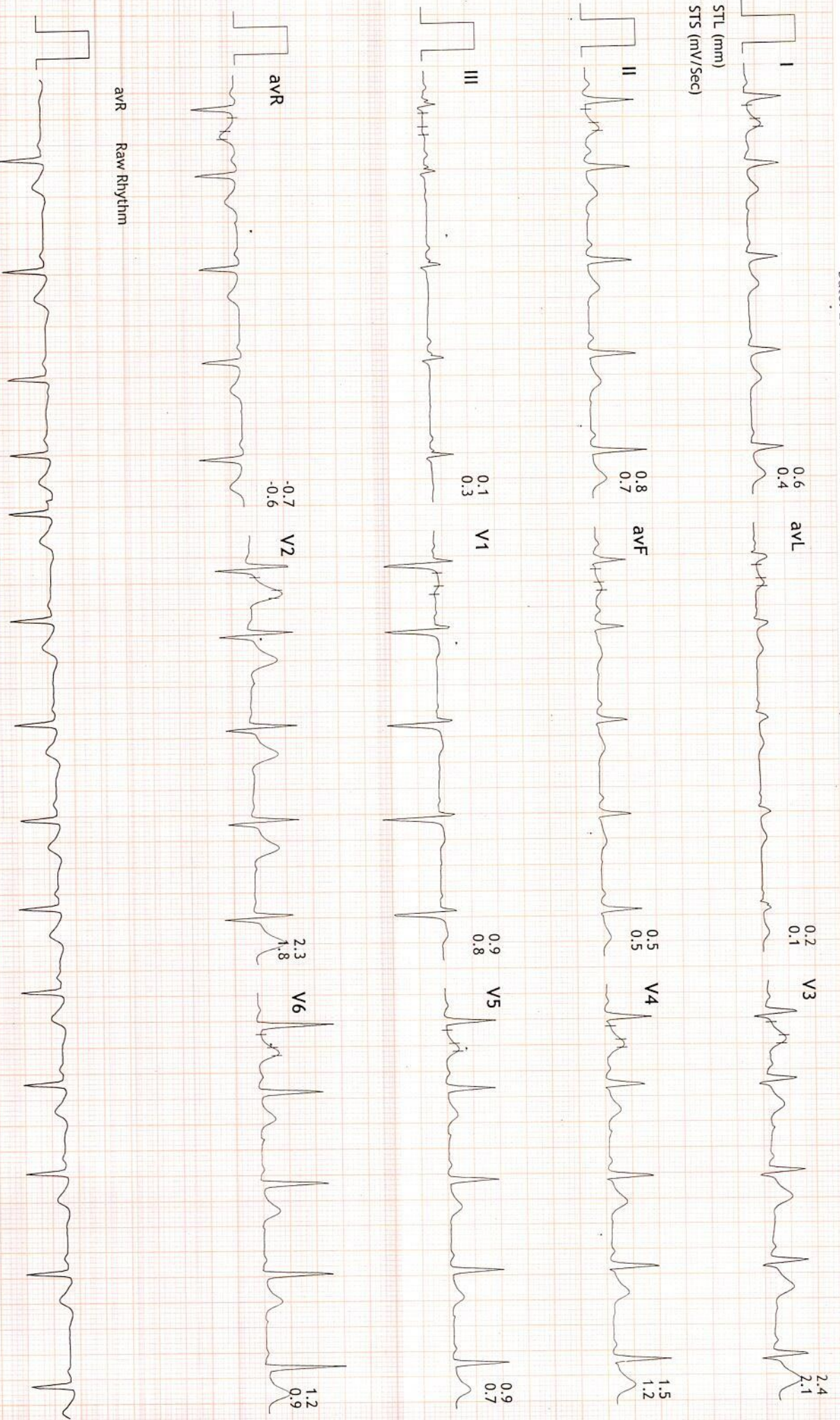
874/SANTOSH KUMAR HARIJ1805PH  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MHR: 41% of 193  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)HZ

Ex Time 00:55  
BLC :On  
Notch :On

STANDING  
10.0 mm/mV  
25 mm/Sec.







Linked Medians Report

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

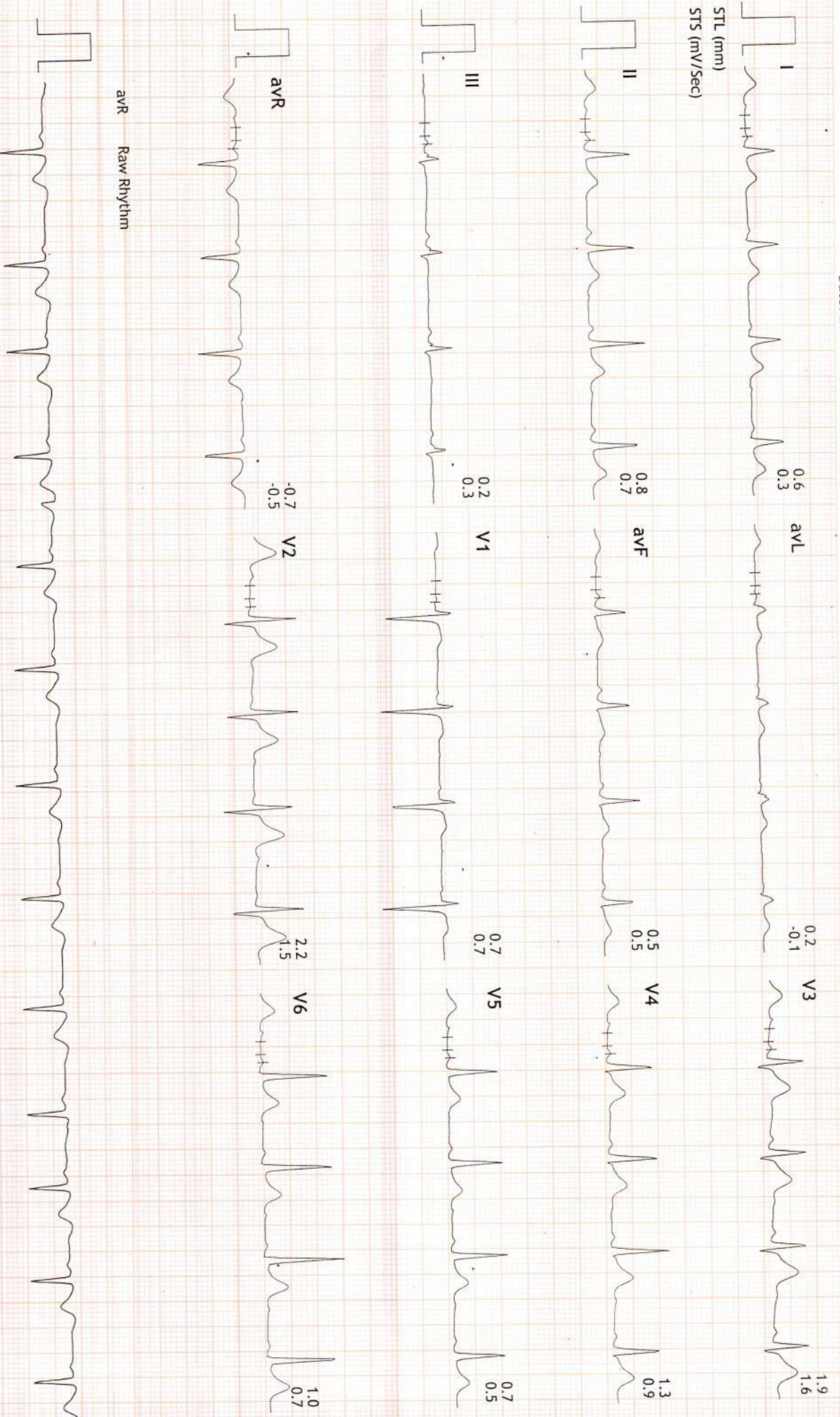
874/SANTOSH KUMAR HARIJ1805PH  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MPHR: 41% of 193  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)HZ

Ex Time 01:00  
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, MAINNAGAR (E) Ahm. 08.

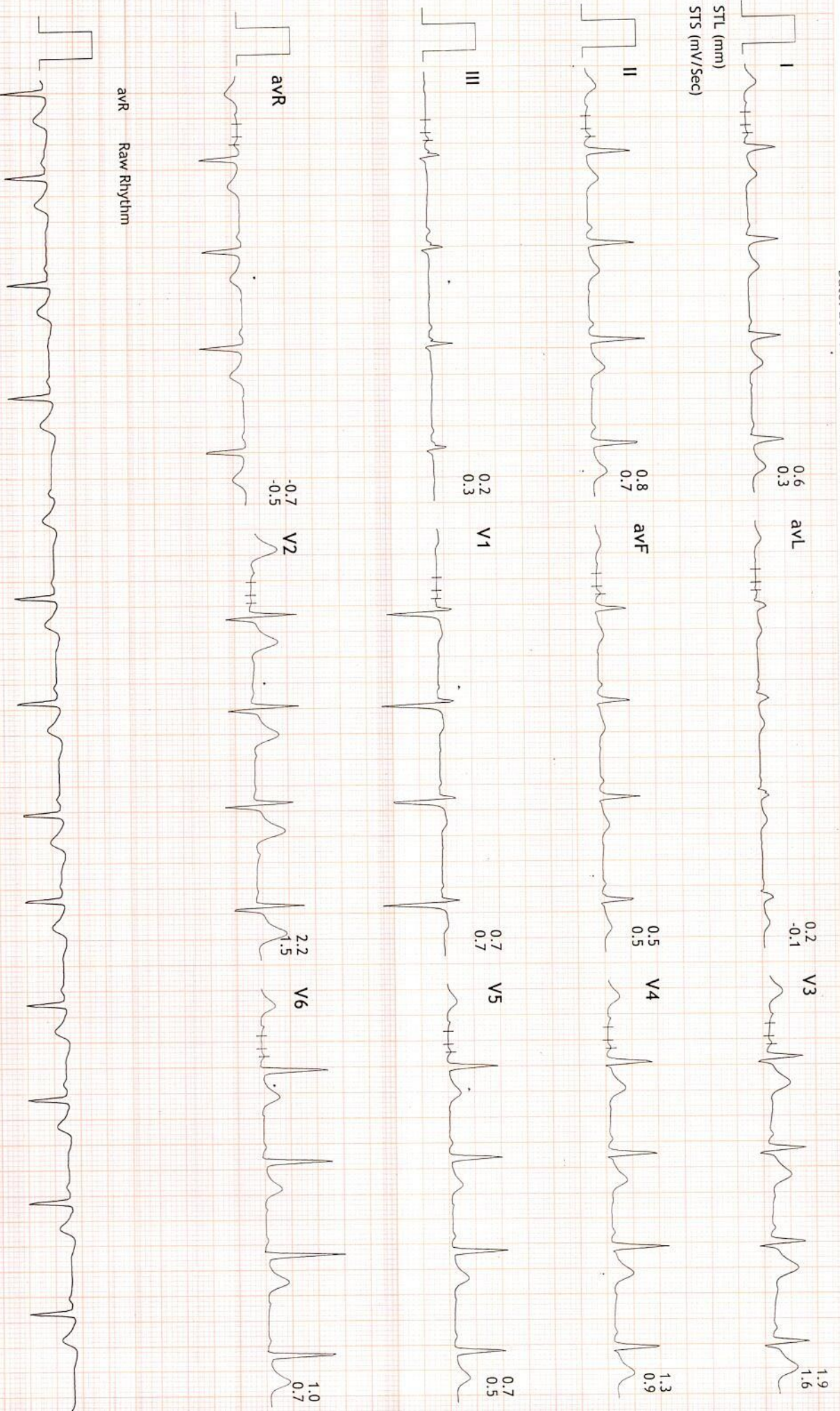
874/SANTOSH KUMAR HARIJANSHI  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MPHR: 38% of 193  
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) Amn. 08.

874/SANTOSH KUMAR HARJI VASTIPHM  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MPHR: 69% of 193  
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.

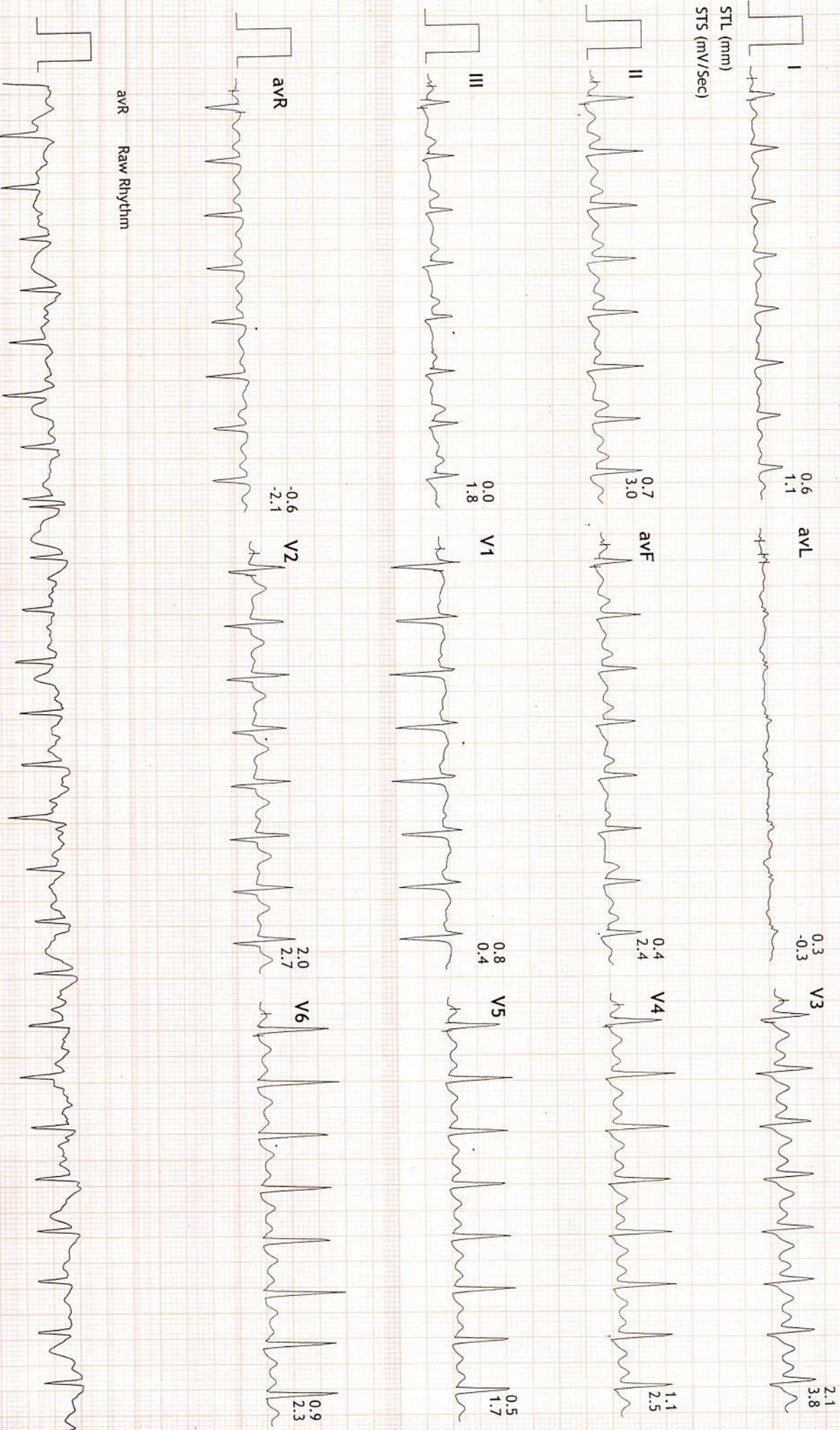
874/SANTOSH KUMAR HARJUNASTH  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

METS: 7.1  
BP: 142/92

MPHR: 81% of 193  
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.



avR Raw Rhythm



Linked Medians Report

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

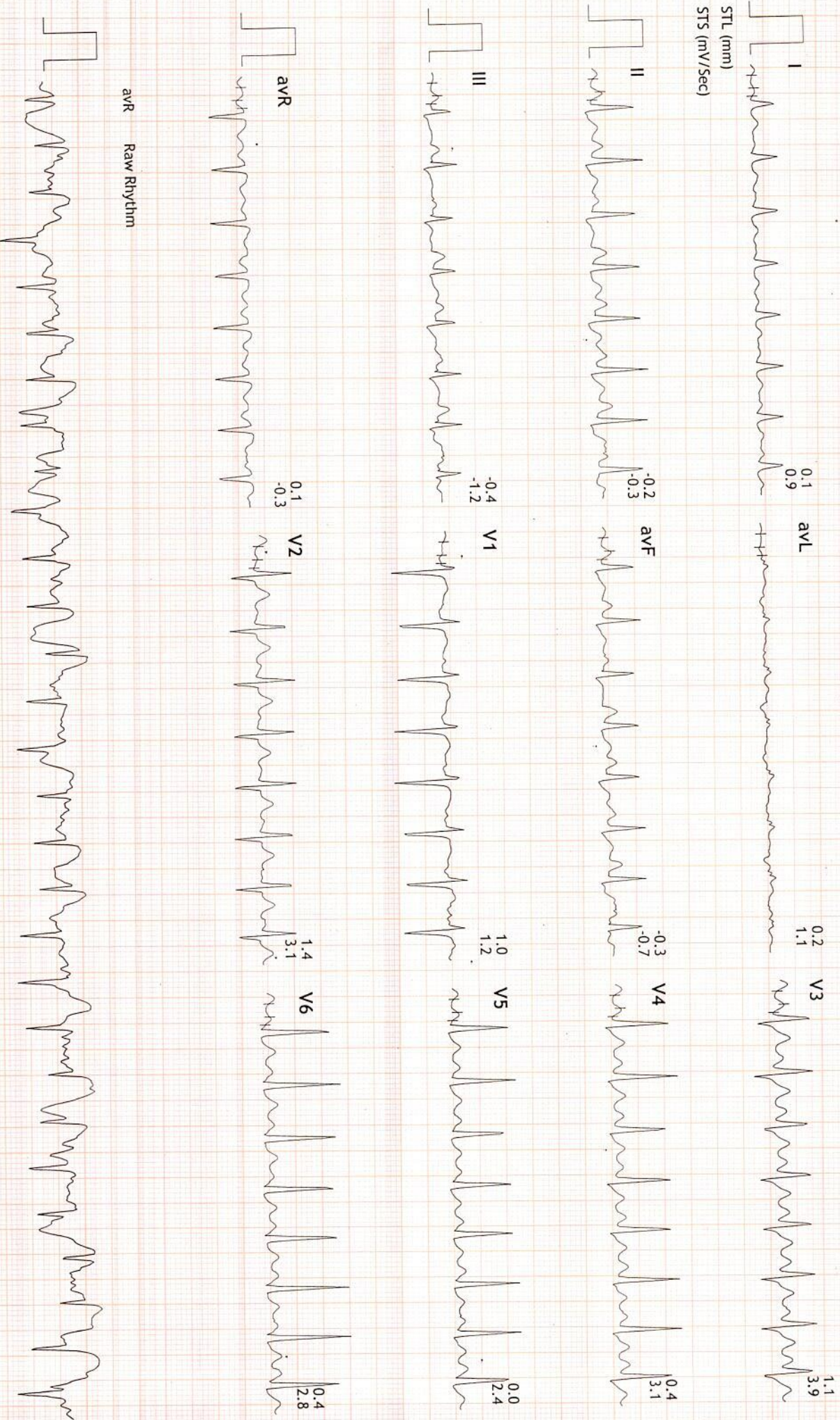
874/SANTOSH KUMAR HARIJANATHAN  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MPHR: 91% of 193  
Speed: 3.4 mph  
Grade: 14.0%

BRUCE  
(1.0-100)HZ

Ex Time 06:30  
BLC : On  
Notch : On

PeakEx  
10.0 mm/mV  
25 mm/Sec.





Linked Medians Report

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

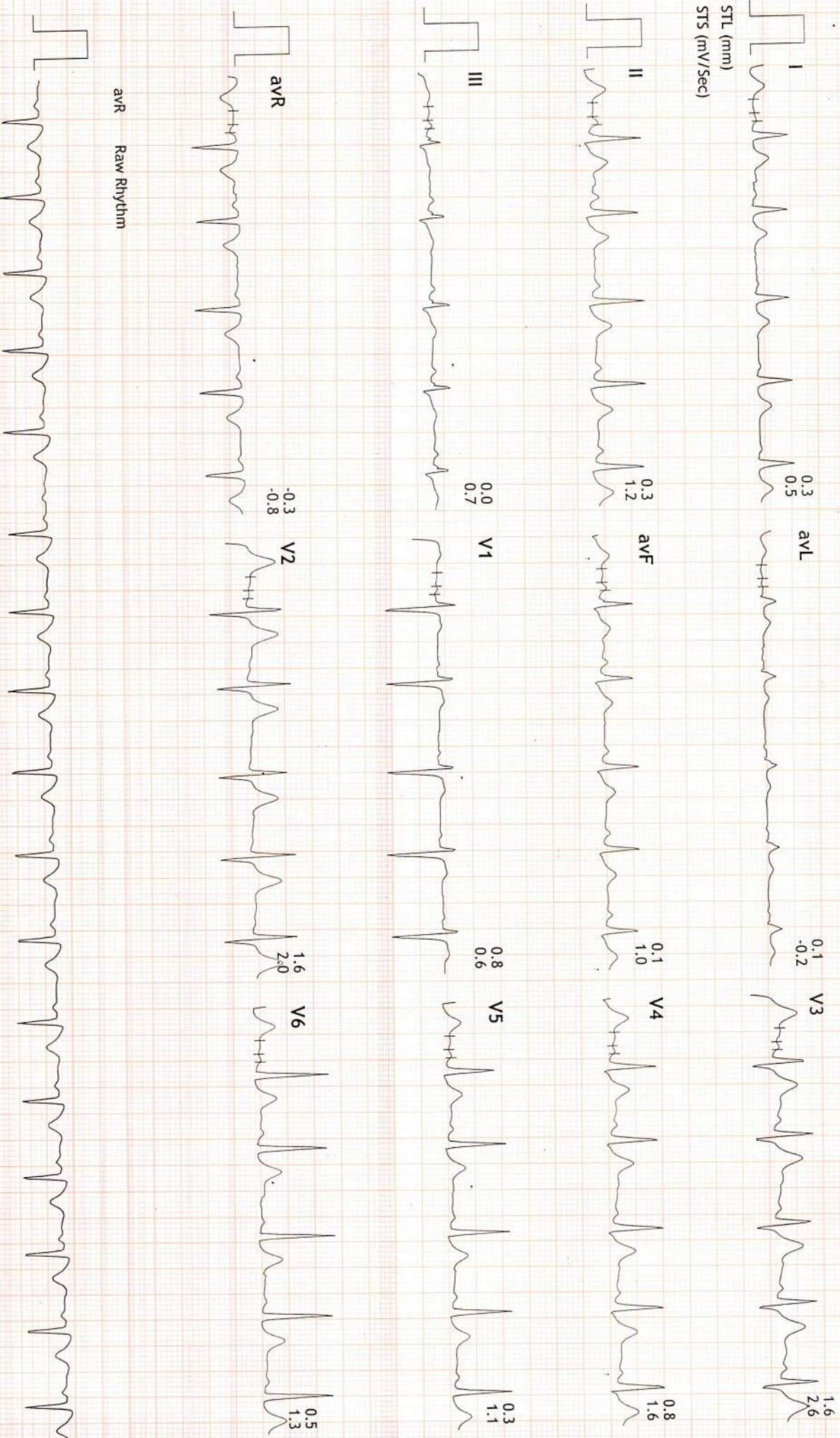
874/SANTOSH KUMAR HARUNASATHPHN  
27 Yrs/Male  
65 Kg/164 Cms  
Date: 26-Feb-2022 10:16:18 AM

MPHR: 53% of 193  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)HZ

Ex Time 06:30  
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.

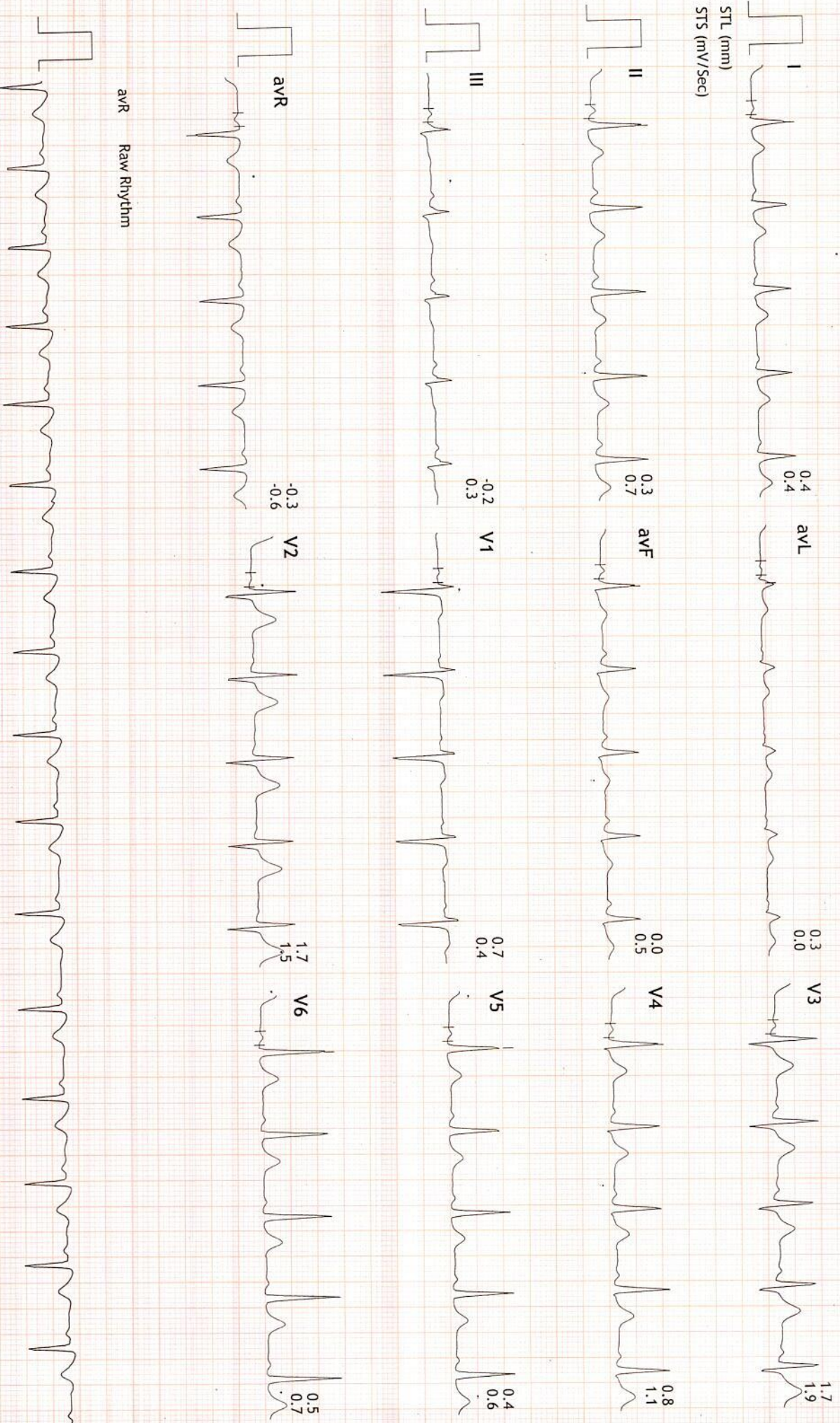
874/SANTOSH KUMAR HARIJAN  
27 Yrs/Male METS: 1.0  
65 Kg/164 Cms BP: 130/86  
Date: 26-Feb-2022 10:16:18 AM

MPPR: 50% of 193  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)HZ

Ex Time 06:30  
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.

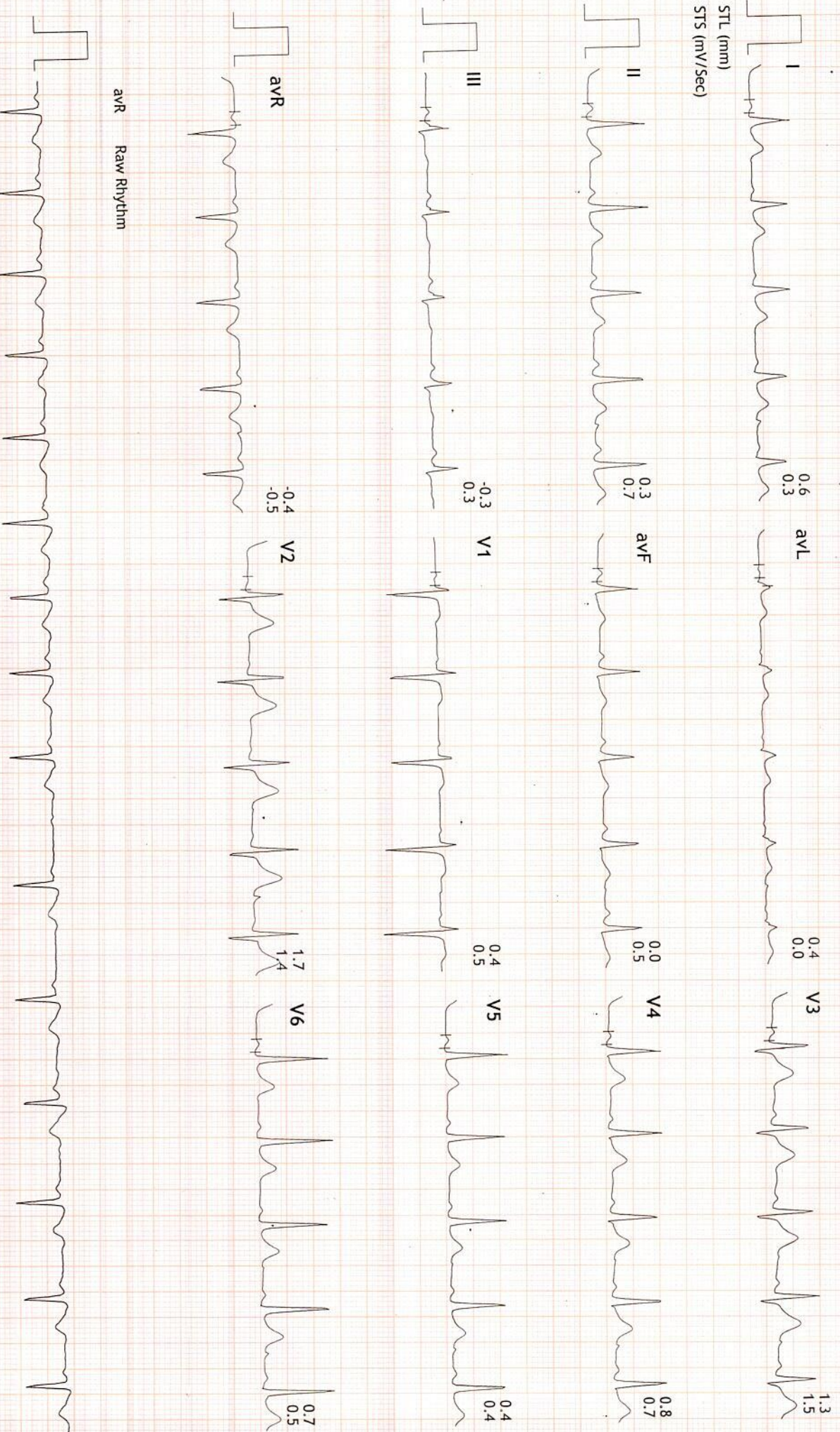
874/SANTOSH KUMAR HARJANATHBH  
27 Yrs/Male METS: 1.0  
65 Kg/164 Cms BP: 130/86  
Date: 26-Feb-2022 10:16:18 AM

MPHR: 52% of 193  
Speed: 0.0 mph  
Grade: 0.0%

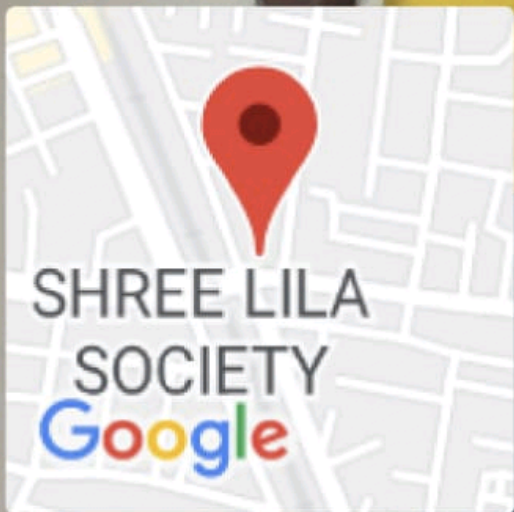
BRUCE  
(1.0-100)HZ

Ex Time 06:30  
BLC :On  
Notch :On

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







**Ahmedabad, Gujarat, India**

Bhawan Avenue, Mansarovar Rd, Ahbab

Nagar, Maninagar East, Khokhra,

Ahmedabad, Gujarat 380008, India

Lat 22.995123°

Long 72.613651°

26/02/22 10:07 AM



बैंक ऑफ़ बड़ौदा  
Bank of Baroda



नाम  
Name Hanunanthu Santosh Kumar

कर्मचारी कूट क्र.  
Employee Code No. 127469

*DNS Shah*

जारीकर्ता प्राधिकारी  
Issuing Authority

*H. Santosh Kumar*

धारक के हस्ताक्षर  
Signature of Holder



**Sanya**  
DIAGNOSTICS

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

**NAME: SANTOSHKUMAR HANUMANTHU**

**M/27YRS.**

**DATE: 26/02/2022**

**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.

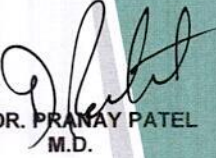
Bony thoracic cage and both domes of diaphragm appears normal.

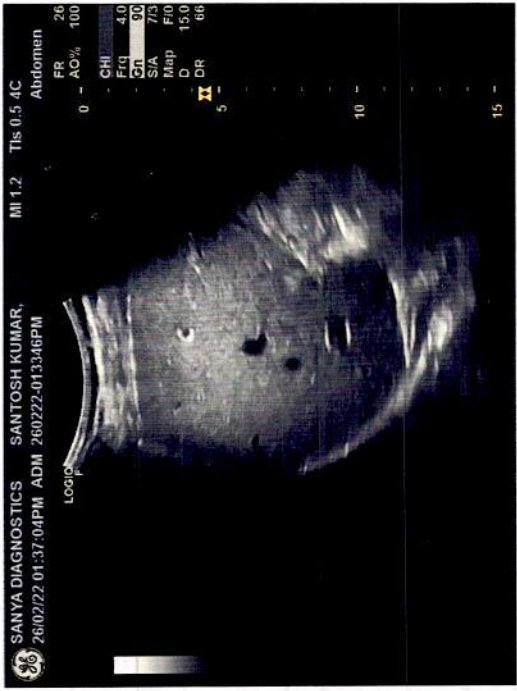
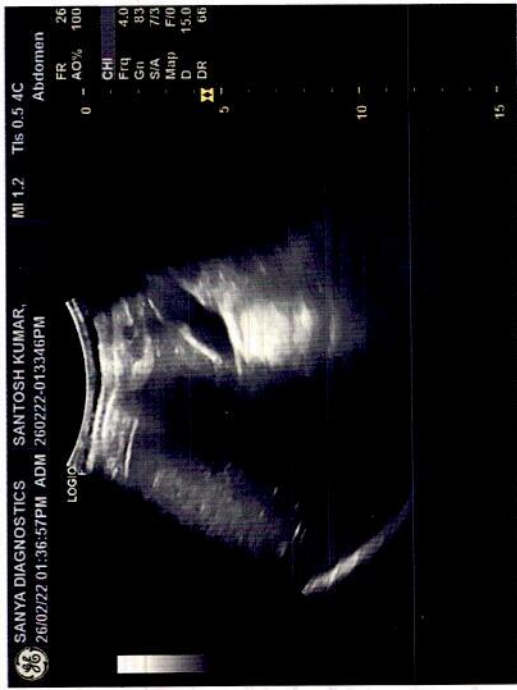
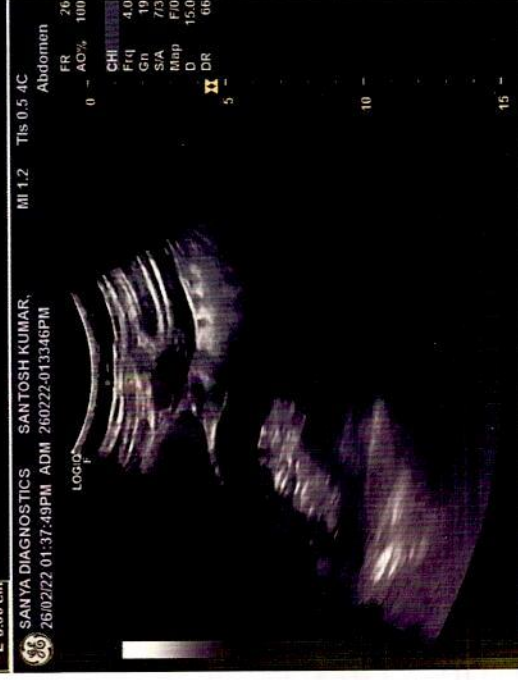
DR. SANDIP MEVADA  
M.D.

DR. ANIRUDDHSINH RAHEVAR  
DMRD DNB

DR. RUCHIT SHAH  
M.D.

DR. AMISHA PATEL  
M.D.

  
DR. PRANAY PATEL  
M.D.





**NAME: SANTOSHKUMAR HANUMANTHU 27YRS/M**

**DATE: 26/02/2022**

**REF.BY: 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.

**Approximately 4mm sized calculus is seen in upper calyx of right kidney.**

C-M differentiation is well preserved on either side.

No 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.

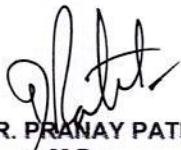
No pleural effusion is seen on either side.

**IMPRESSION:**

- **Right renal calyceal calculus.**

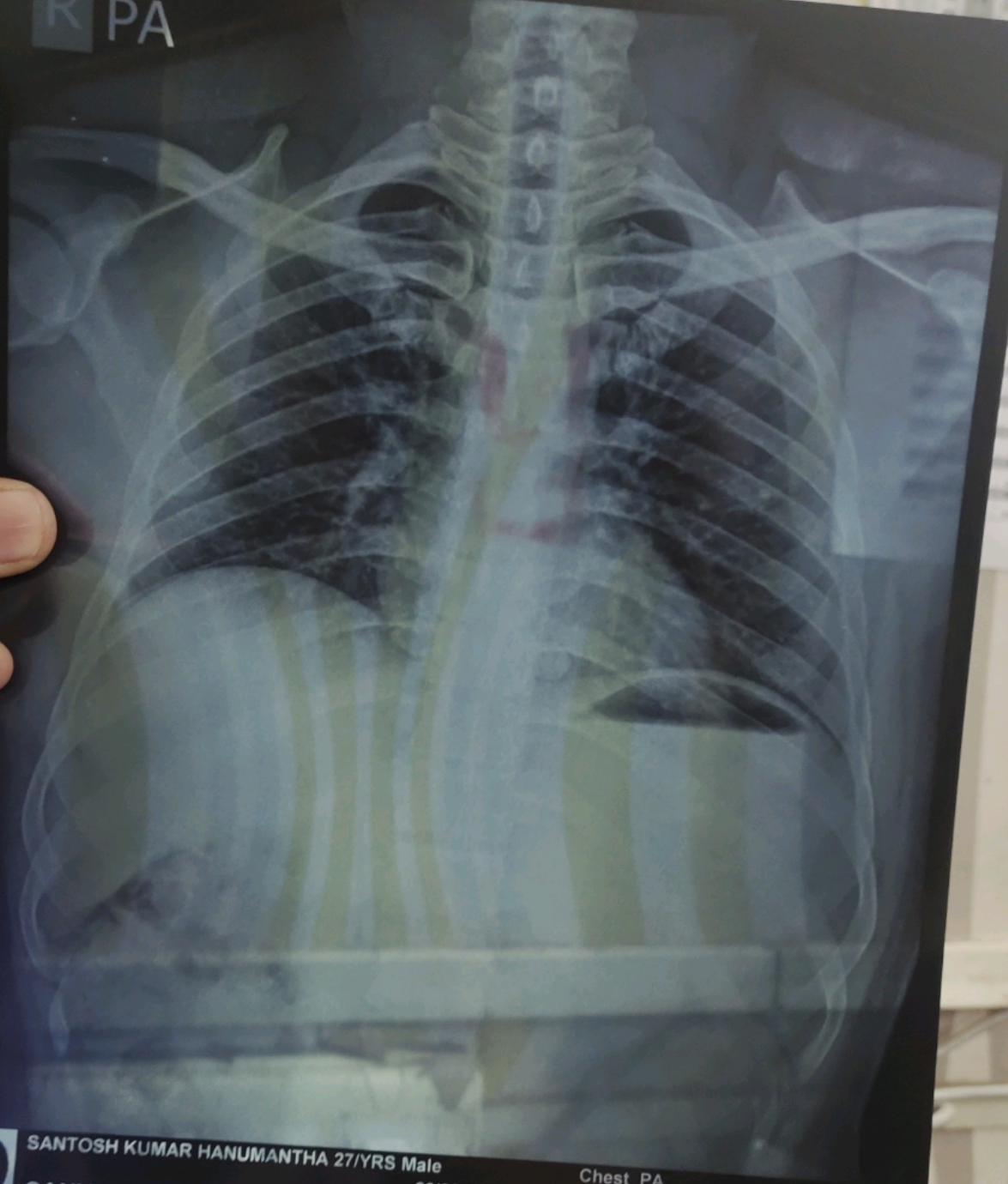
DR. SANDIP MEVADA  
M.D.

DR. ANIRUDDHSINH RAHEVAR  
DMRD DNB

  
DR. PRANAY PATEL  
M.D.

DR. AMISHA PATEL  
M.D.

R PA



SANTOSH KUMAR HANUMANTHA 27/YRS Male

Chest PA

26/02/2022 12:21:09 PM

**SANYA DIAGNOSTICS , MANINAGAR , AHMEDABAD.**

vivo X50 · AHMEDABAD

Feb 26, 2022, 20:08



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

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

Patient Name : Santosh Kumar Hanumanthu  
Sample No.. : 8474  
Reffered : Bank Of Baroda

Age/Sex : 27 Years/Male  
Registration On:26/02/2022/11:52  
Approved On :26/02/2022 17:01

**BLOOD GROUP**

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

**PATHOLOGIST**  
**Dr.Satishkumar Patel**  
**M.D.,Patho**  
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Ahmedabad - 380 008.

Patient Name : Santosh Kumar Hanumanthu  
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**BLOOD SUGAR LEVEL**

Specimen : FLOURIDE

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Interval</u>
Fasting Blood Sugar: (GOD-POD)	76.30	mg/dl	70-110
Post Prandial Blood Glucose: (GOD-POD)	<u>97.16</u>	mg/dl	100 - 150

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## **Glycosylated HB - (HBA1C)**

<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Biological Ref Interval</u></b>
<b>HBA1C:</b> (Immunoturbidimetric)	4.5	%	Normal : $\leq 5.6$ Prediabetes : 5.7 - 6.4 Diabetes : $\geq 6.5$ <b><u>DIABETES CONTROL CRITERIA</u></b> 6 - 7 : Near Normal Glycemia < 7 : Goal 7 - 8 : Good Control > 8 : Action Suggested
<b>Mean Blood Glucose:</b>	<b>82.45</b>	<b>mg/dl</b>	

### **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 repeat testing. 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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## 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 - **Not seen** /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

<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Biological Ref Interval</u></b>
<b>S. Bilirubin (Total):</b> <small>(Photometric DC Diazo)</small>	0.45	mg/dl	up to 1.2
<b>S. Bilirubin (Direct):</b> <small>(Photometric DC Diazo)</small>	0.13	mg/dl	up to 0.2
<b>S. Bilirubin (Indirect):</b> <small>(Calculated)</small>	0.32	mg/dl	up to 1.0
<b>SGPT(ALT)</b> <small>(UV Kinetic)</small>	27.33	U/L	up to 42
<b>SGOT (AST)</b> <small>(UV Kinetic)</small>	24.64	U/L	up to 40
<b>GGT</b> <small>(Optimized kinetic color test IFCC)</small>	20.10	U/L	12 - 64
<b>Total Proteins:</b> <small>(Biuret)</small>	7.36	g/dl	6.0 - 8.3
<b>Albumin</b> <small>(BCG)</small>	4.87	g/dl	3.5 - 5.2
<b>Globulins:</b> <small>(Calculated)</small>	2.49	g/dl	2.4 - 3.7
<b>AGRATIO:</b> <small>(Calculated)</small>	1.956		
<b>S. Alkaline Phosphatase:</b> <small>(Colorimetric Optimized Kinetic IFCC)</small>	114	U/L	40 - 129

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## Thyroid Functions

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
T3-Triodothyronine	: <b>1.15</b> ng/ml	0.6 - 1.80 ng/ml
T4-Thyroxine	: <b>7.2</b> mcg/dl	4.5 - 10.9 mcg/dl
TSH Thyroid Stimulating Hormone	: <b>3.03</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



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## **COMPLETE BLOOD COUNT**

Sample :EDTA

<b>Test</b>		<b>Result</b>	<b>Unit</b>	<b>Biological Ref. Interval</b>
<b><u>BLOOD COUNT</u></b>				
Hemoglobin	colorimetric	17.0	g/dL	13 - 17
R.B.C Count	Electrical impedance	6.0	mill/cmm	4.5 - 5.5
W.B.C Count	Electrical impedance	6.61	10 <sup>3</sup> /uL	4.0 - 10.0
Platelet Count	Electrical impedance	286.9	10 <sup>3</sup> /uL	150 - 450
<b><u>DIFFERENTIAL COUNT</u></b>				
Polymorphs	Microscopic	54	%	60 - 70
Lymphocytes	Microscopic	42	%	20 - 40
Eosinophils	Microscopic	01	%	1 - 6
Monocytes	Microscopic	03	%	2 - 10
Basophils	Microscopic	00	%	0 - 2
<b><u>BLOOD INDISES</u></b>				
HCT	Rbc Histogram	53.2	%	40 - 50
MCV	Calculated	88.7	fl	80 - 100
MCH	Calculated	28.8	pg	27 - 32
MCHC	Calculated	32.4	g/dl	32 - 36
RDW-CV	Calculated	12.5	%	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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## RENAL FUNCTION

Specimen :SERUM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Interval</u>
<b>Sr. Creatinine:</b> <small>(Modified Jaffe's)</small>	1.09	mg/dl	0.6 - 1.2 mg/dl
<b>Urea:</b> <small>(GLDH)</small>	32.78	mg/dl	10 - 50 mg/dl
<b>S. Uric Acid:</b> <small>(Uricase-POD)</small>	4.89	mg/dl	3.2 - 7.2 mg/dl
<b>Blood Urea Nitrogen:</b> <small>(Calculated)</small>	15.32	mg/dl	08 - 23 mg/dl
<b>Bun/Creat Ratio:</b> <small>(Calculated)</small>	14.06		

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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)	205.33	mg/dl	Normal :< 200 Borderline : 200 - 240 High : > 240
<b>Serum Triglycerides:</b> (GPO-POD)	81.09	mg/dl	Normal :Normal < 150 Borderline : 150 - 199 High : > 200
<b>HDL Cholesterol:</b> (Direct-Cholesterol Esterase HSDA)	54.92	mg/dl	40 - 60 mg/dl
<b>Serum LDL Cholesterol:</b> (Calculated)	134.192	mg/dl	Up to 150
<b>Serum VLDL Cholesterol:</b> (Calculated)	16.218	mg/dl	Up to 35
<b>LDLC/HDLC Ratio:</b> (Calculated)	2.44	mg/dl	Up to 3.4
<b>Cholesterol/HDLC Ratio:</b> (Calculated)	3.74	mg/dl	Up to 5.0
<b>Total Lipid:</b> (Calculated)	625.532	mg/dl	400 - 1000 mg/dl

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**Dr.Sathishkumar Patel**  
**M.D.,Patho**  
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