



**PRAMUKH**

**MULTI SPECIALITY**

**HOSPITAL**

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

**MEDICAL EXAMINATION**

DATE :- 26/2/22

NAME :- HIRAL S. SOLANKI

AGE /SEX :- 37 YRS /female

O/E :

T: Normal

BP: 128/76 mm Hg

P: 68 - min

RS: BAET

SPO2: 97% on R.A

CNS: Conloni.

CVS: S1+S2+

P/A: Safe.

ADV: —

Height: 152 cm.

Weight: 65 kg.

BMI: 28

Eye Exam.: Vision Normal.

Ear Exam.: Hearing Normal.



B. A. Panchal.

**Dr. Brijesh Panchal**

MBBS

Regd. No. G-28095

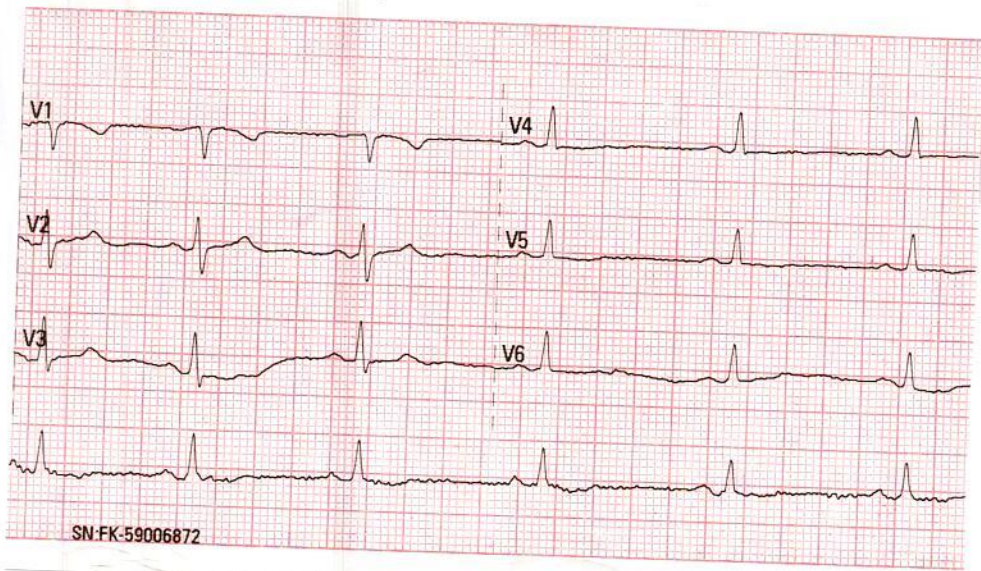
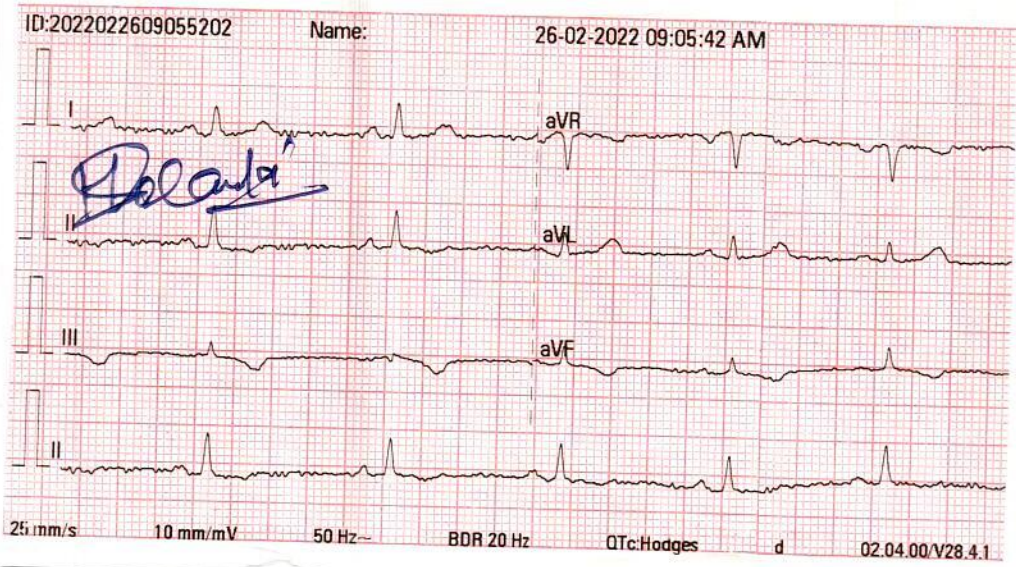
PRAMUKH MULTISPECIALITY HOSPITAL  
Maninagar, Ahmedabad-8.

*Hiral S. Solanki*



# PRAMUKH MULTI SPECIALITY HOSPITAL

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



Normal ECG  
Dhish 68/100  
ngulm



HELP LINE No. 7227971927

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



Summary

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

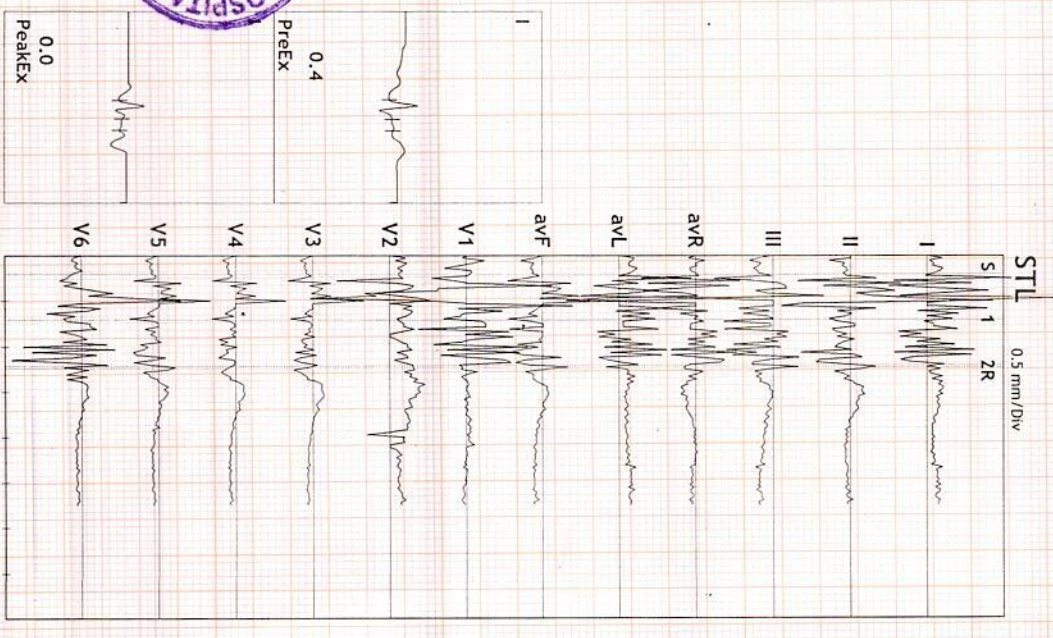
Ref. By : BOB  
Medication : NO  
Objective : NO

876/HIRAL S SOLANKI 37 Yrs/Female 65 Kg/152 Cms  
Date: 26-Feb-2022 11:00:19 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	103	128/76	131	-	
Supine					1.0	99	128/76	126	-	
Standing					1.0	87	128/76	111	-	
HV					1.0	79	128/76	101	-	
ExStart					1.0	106	128/76	135	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	150	132/84	198	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	165	142/92	234	-	
PeakEx	0:10	6:11	3.4	14.0	7.3	169	142/92	239	-	
Recovery	1:00		0.0	0.0	1.1	128	142/92	181	-	
Recovery	4:00		0.0	0.0	1.0	107	142/92	151	-	
Recovery	7:00		0.0	0.0	1.0	101	128/78	129	-	
Recovery	8:57		0.0	0.0	1.0	107	128/78	136	-	

Findings :

Exercise Time : 6:10 minutes  
 Max HR attained : 169 bpm 92% of Max Predictable HR 183  
 Max BP : 142/92(mmHg)  
 Workload attained : 7.3 (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: 1:38  
 TARGET HR ACHIEVED.



Advice/Remarks:

Normal TMIT  
 CTMIT is negative



ST Summary

Protocol : BRUCE

STL (mm) 60 mSecs Post J	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine	0.4	-0.4	-0.8	0.0	0.6	-0.6	0.4	1.1	-0.4	-0.4	-0.4	-0.2
Supine	0.4	-0.5	-1.0	0.1	0.7	-0.7	-0.4	0.8	-0.6	-0.6	-0.6	-0.4
Standing	1.0	-0.2	-1.3	-0.4	1.2	-0.8	-1.4	0.5	-0.5	-0.6	-0.5	-0.3
HV	0.9	-0.2	-1.0	-0.3	1.0	-0.6	0.3	0.8	-0.4	-0.4	-0.4	0.1
ExStart	0.4	-0.5	-0.9	0.0	0.7	-0.7	0.3	0.6	-0.5	-0.5	-0.5	-0.5
Stage 1	1.6	-1.4	0.0	-0.1	2.4	-2.2	-1.5	0.5	-1.5	-1.6	-1.9	-1.2
Stage 2	1.1	-0.3	-1.4	-0.4	1.2	-0.9	-0.5	1.5	0.3	-0.1	-0.5	1.7
PeakX	0.0	1.6	1.6	-0.8	-0.9	1.6	-0.2	1.5	-0.3	-0.5	1.0	-1.2
Recovery	1.0	0.2	-0.9	-0.6	0.9	-0.4	0.1	1.5	0.3	0.1	0.0	0.0
Recovery	0.3	0.0	-0.4	-0.2	0.4	-0.2	0.3	1.2	-0.1	-0.1	0.0	-0.1
Recovery	0.7	-0.2	-0.9	-0.3	0.8	-0.5	0.0	0.6	-0.4	-0.4	-0.4	-0.3
STS mV/Sec.												
Supine	0.6	-0.6	-1.2	0.0	0.9	-0.9	0.2	0.8	-0.5	-0.5	-0.5	-0.1
Supine	0.8	-0.2	-1.1	-0.3	1.0	-0.6	-0.6	0.7	-0.5	-0.5	-0.4	-0.1
Standing	0.5	-0.4	-0.9	0.0	0.7	-0.7	-0.9	1.2	-0.4	-0.5	-0.4	0.0
HV	0.8	0.1	-0.7	-0.5	0.7	-0.3	0.1	1.1	-0.1	-0.2	-0.1	0.2
ExStart	0.2	-0.3	-0.5	0.0	0.3	-0.4	0.2	0.6	-0.2	-0.3	-0.2	-0.1
Stage 1	1.5	1.4	0.0	-1.5	0.8	0.6	-0.8	1.8	0.3	0.7	0.7	1.6
Stage 2	1.3	1.8	0.5	-1.6	0.4	1.2	-0.3	3.5	1.6	1.5	2.3	3.6
PeakX	-0.5	-0.4	0.1	0.4	-0.3	-0.1	1.3	0.6	-0.6	0.8	1.3	-2.4
Recovery	1.6	1.2	-0.4	-1.4	1.0	0.4	-0.7	2.3	0.9	1.1	0.9	0.8
Recovery	0.5	0.1	-0.4	-0.3	0.5	-0.1	-0.1	1.1	-0.0	0.0	0.2	0.1
Recovery	0.7	-0.1	-0.8	-0.3	0.8	-0.5	-0.1	0.4	-0.3	-0.4	-0.3	-0.2

STI on Next Page



STI	$\mu\text{Vs}$	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
	Supine	1.7	-0.8	-2.5	-0.4	2.2	-1.7	2.8	5.4	-1.5	-1.6	-1.5	-1.3
	Supine	0.5	-2.9	-3.7	1.1	2.0	-3.2	-1.1	3.9	-2.5	-2.8	-2.7	-2.6
	Standing	6.6	-0.4	-7.1	-3.1	6.9	-3.8	-6.9	0.6	-2.8	-2.7	-2.7	-2.4
	HV	3.1	-1.8	-4.8	-0.6	4.0	-3.3	2.9	3.1	-2.3	-2.5	-2.0	0.1
	EXStart	2.7	-2.2	-5.0	-0.2	3.9	-3.6	2.7	2.6	-2.6	-2.9	-2.8	-2.8
	Stage 1	8.4	-10.0	0.0	0.8	13.4	-14.4	-6.7	-1.5	-9.0	-10.4	-12.4	-9.5
	Stage 2	4.5	-3.7	-8.0	-0.2	6.1	-6.0	-0.6	2.5	-0.1	-2.2	-6.6	4.4
	PeakEx	1.3	11.3	10.2	-5.9	-4.7	10.8	-4.5	6.6	-0.3	-4.5	4.7	-1.1
	Recovery	2.6	-1.4	-4.3	-0.8	3.5	-2.9	1.6	3.7	-0.5	-1.3	-2.0	-1.7
	Recovery	0.7	-0.5	-1.6	-0.2	1.3	-1.0	2.3	4.2	-0.7	-0.8	-0.2	-1.1
	Recovery	2.9	-0.8	-3.5	-1.1	3.1	-2.2	0.6	3.3	-1.4	-1.8	-1.8	-1.2

*Handwritten signature*



Linked Medians Report

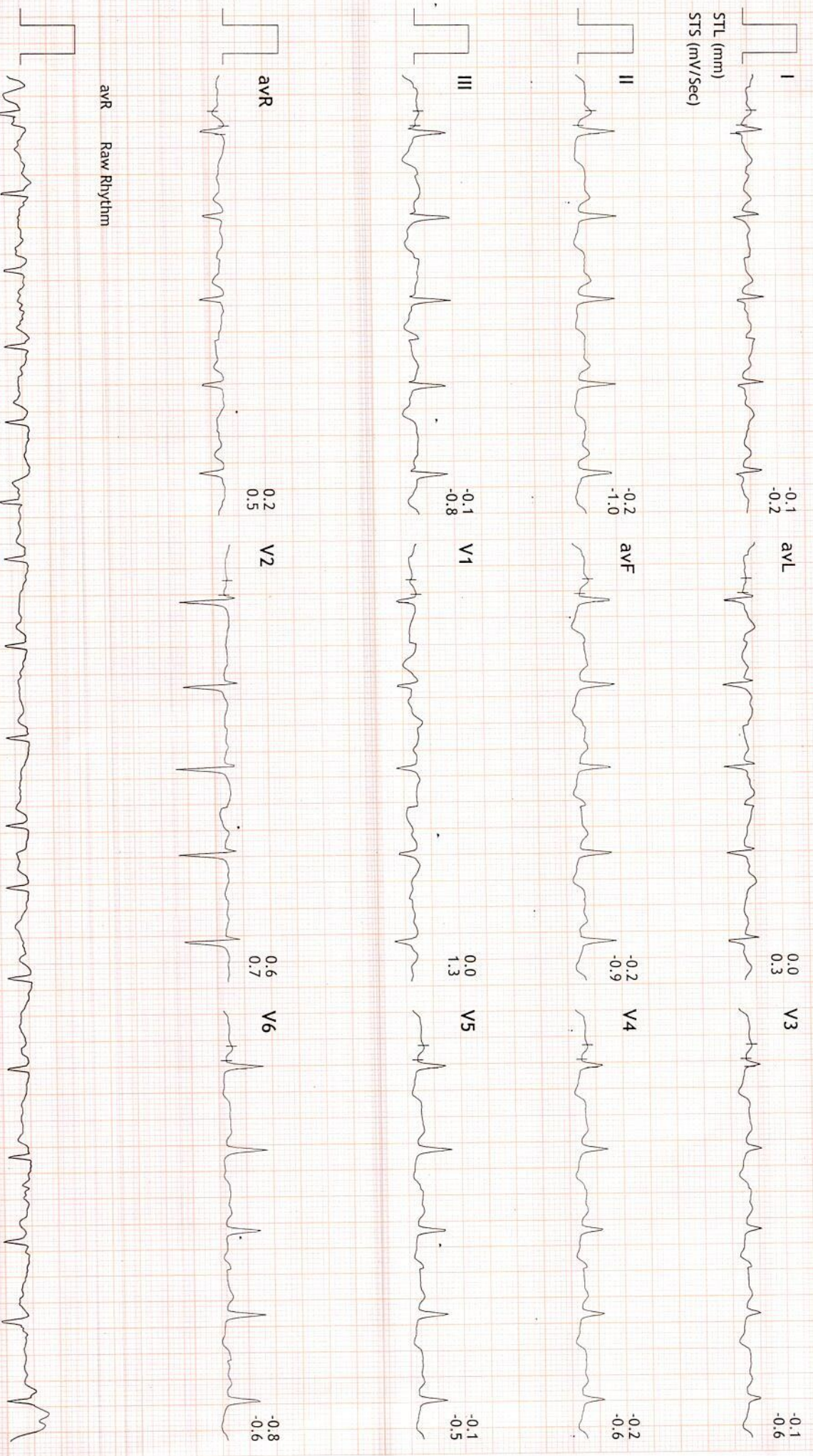
**PRAMUKH MULTI SPECIALITY HOSPITAL**  
NR, RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

876/HIRAL S SOLANKI HR: 106 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 128/76  
Date: 26-Feb-2022 11:00:19 AM

MPHR: 57% of 183  
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.



*DR. KAMLESH N. SHAH*

IP: www.misindia.com @ Rishi Stress Test (VEGA201\_V6.0.5)

Print Date: 26-Feb-2022

DR. KAMLESH N. SHAH



Linked Medians Report

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

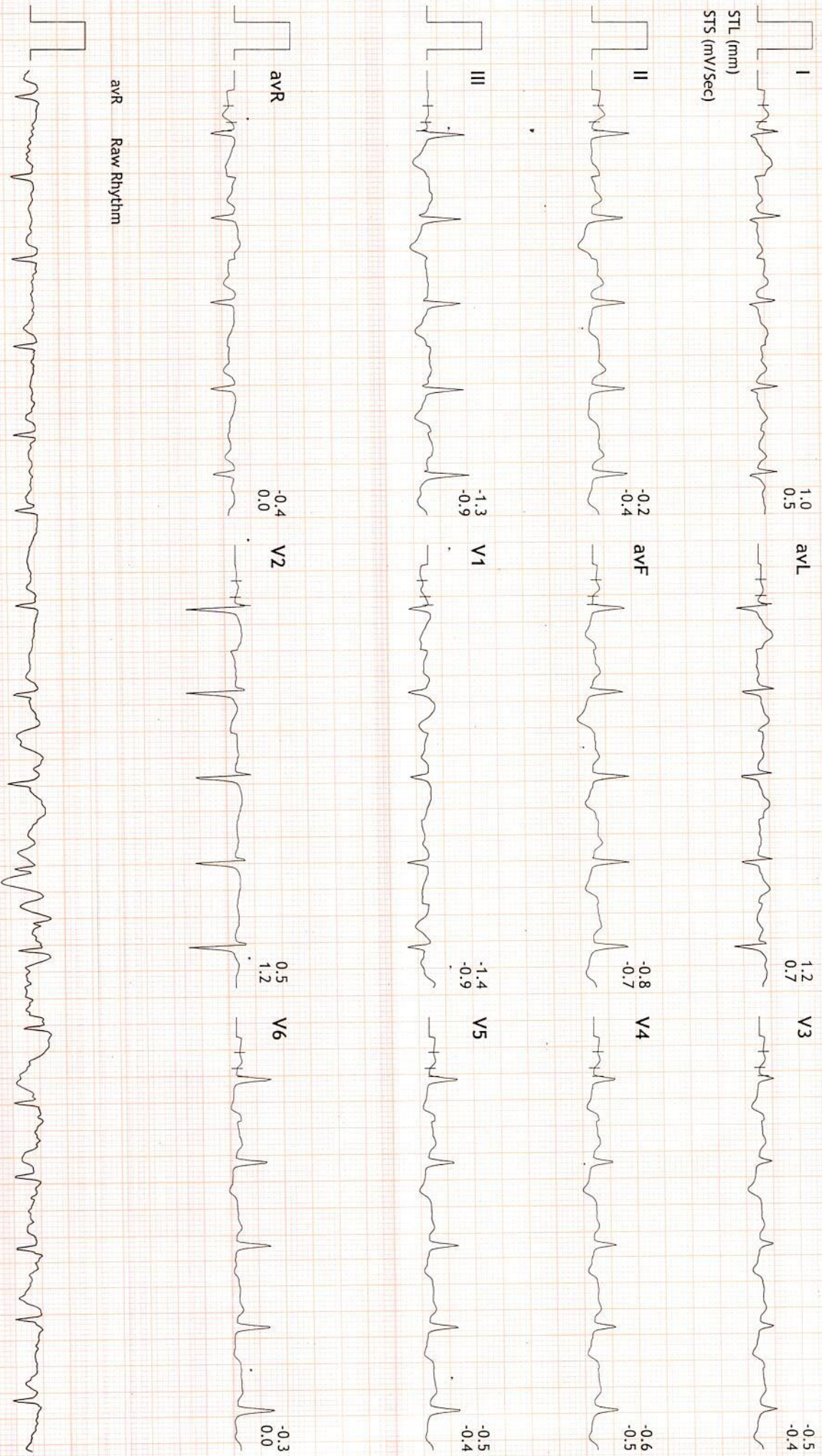
876/HIRAL S SOLANKI HR: 99 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 128/76  
Date: 26-Feb-2022 11:00:19 AM

MPPR: 54% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 00:49  
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.

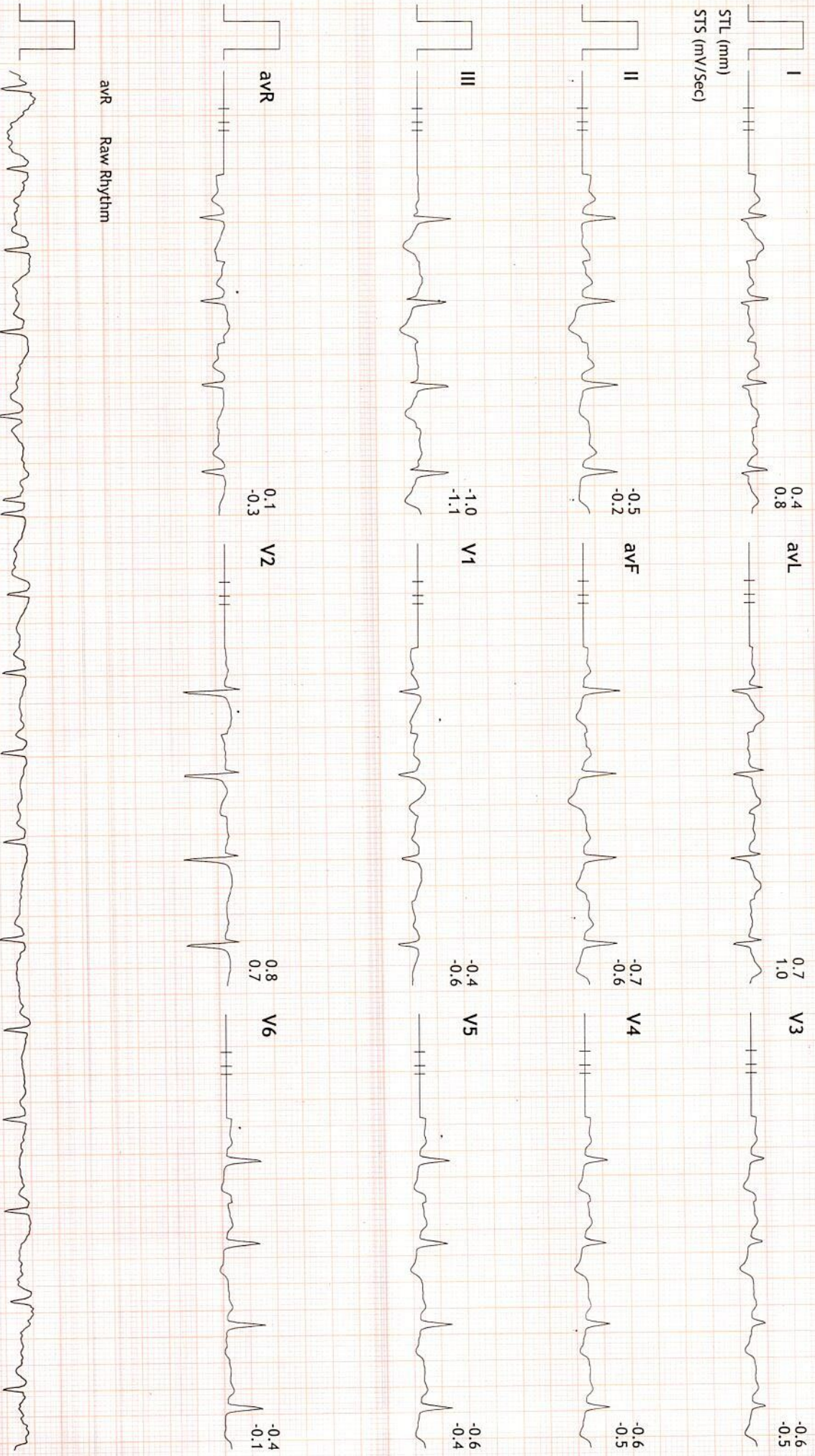
876/HIRAL S SOLANKI HR: 103 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 128/76  
Date: 26-Feb-2022 11:00:19 AM

MPHR: 56% of 183  
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.







Linked Medians Report

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

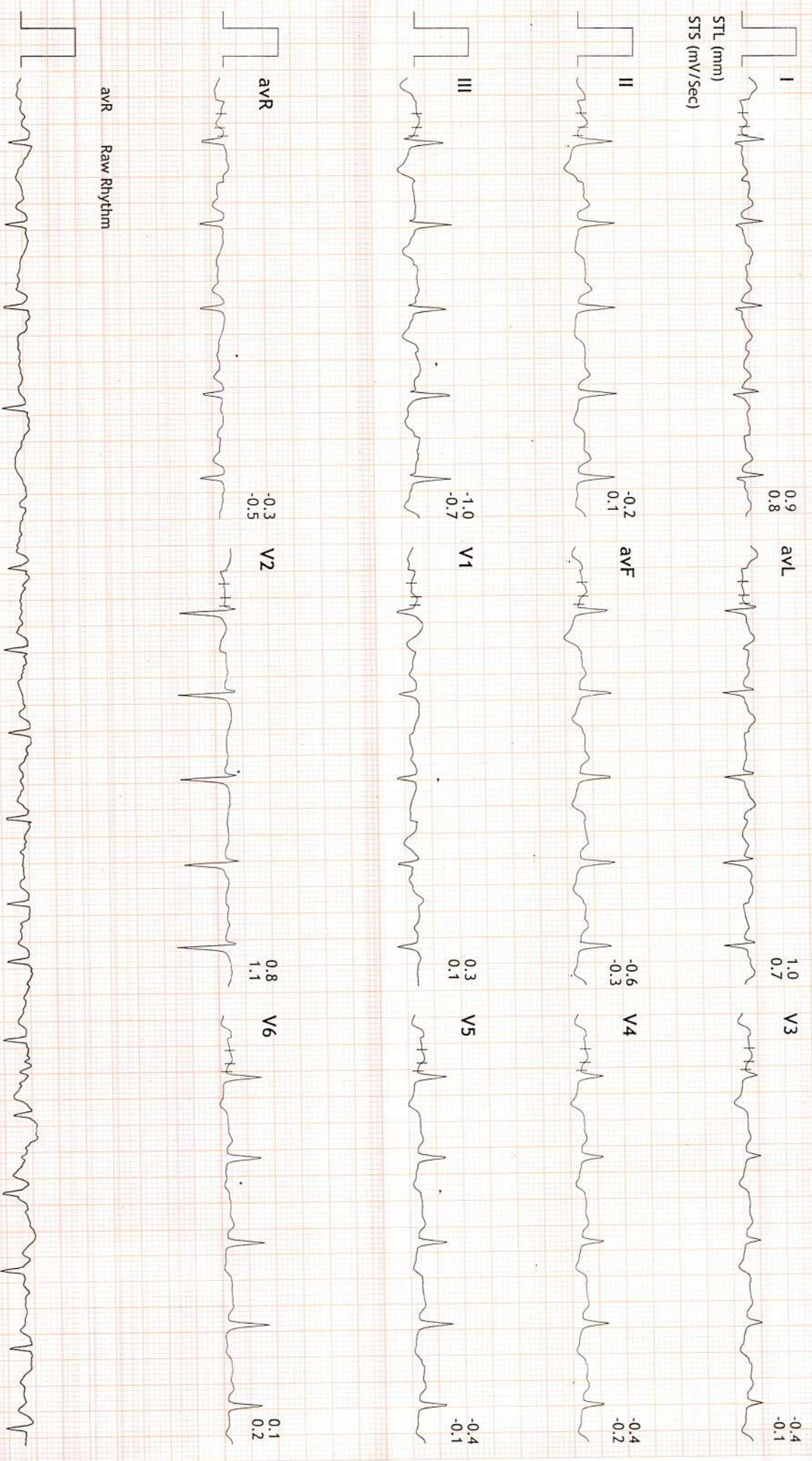
876/HIRAL S SOLANKI HR: 87 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 128/76  
Date: 26-Feb-2022 11:00:19 AM

MPHR: 47% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 00:59  
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.

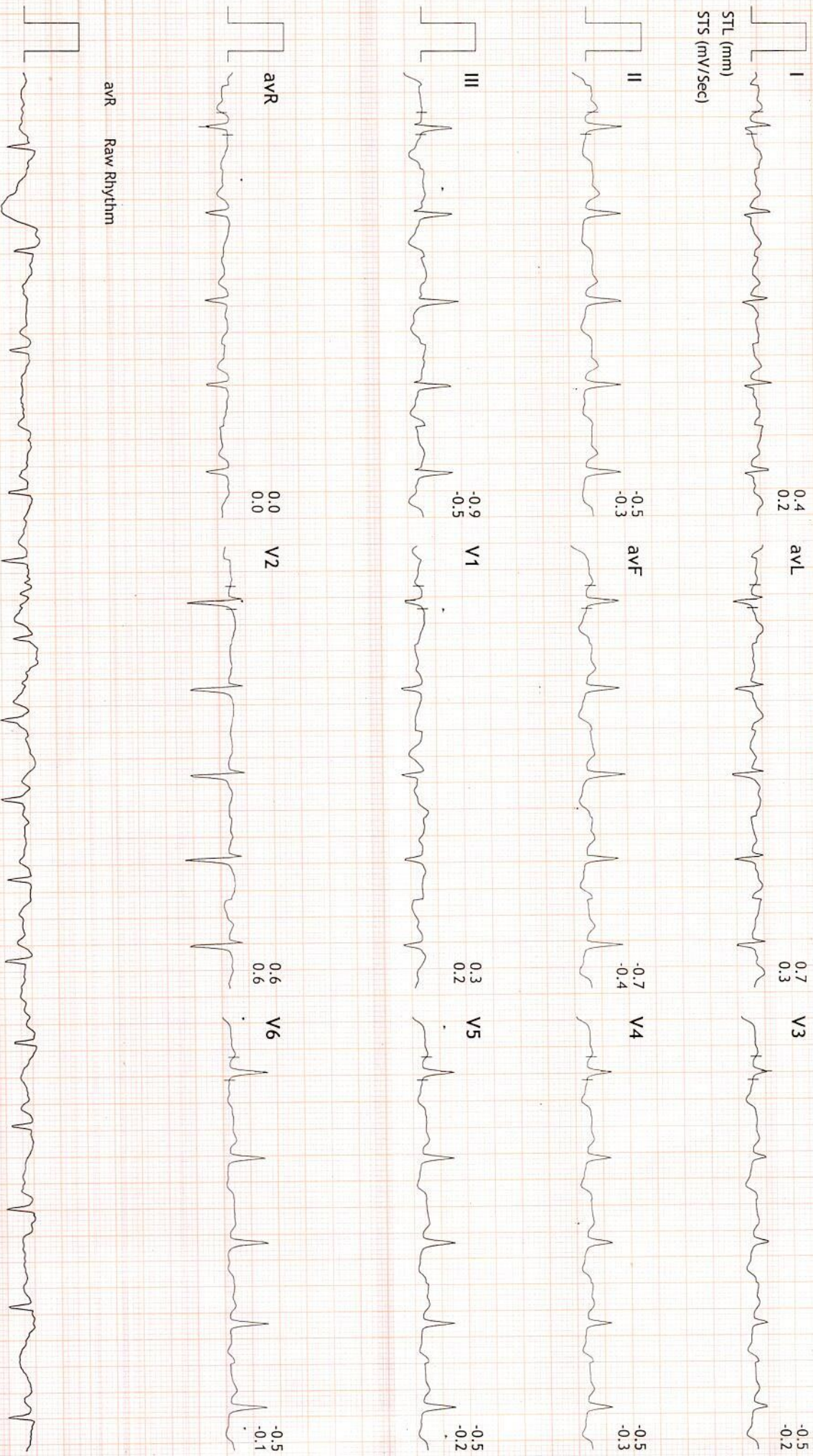
876/HIRAL S SOLANKI HR: 81 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 128/76  
Date: 26-Feb-2022 11:00:19 AM

MPPH: 44% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 01:02  
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.

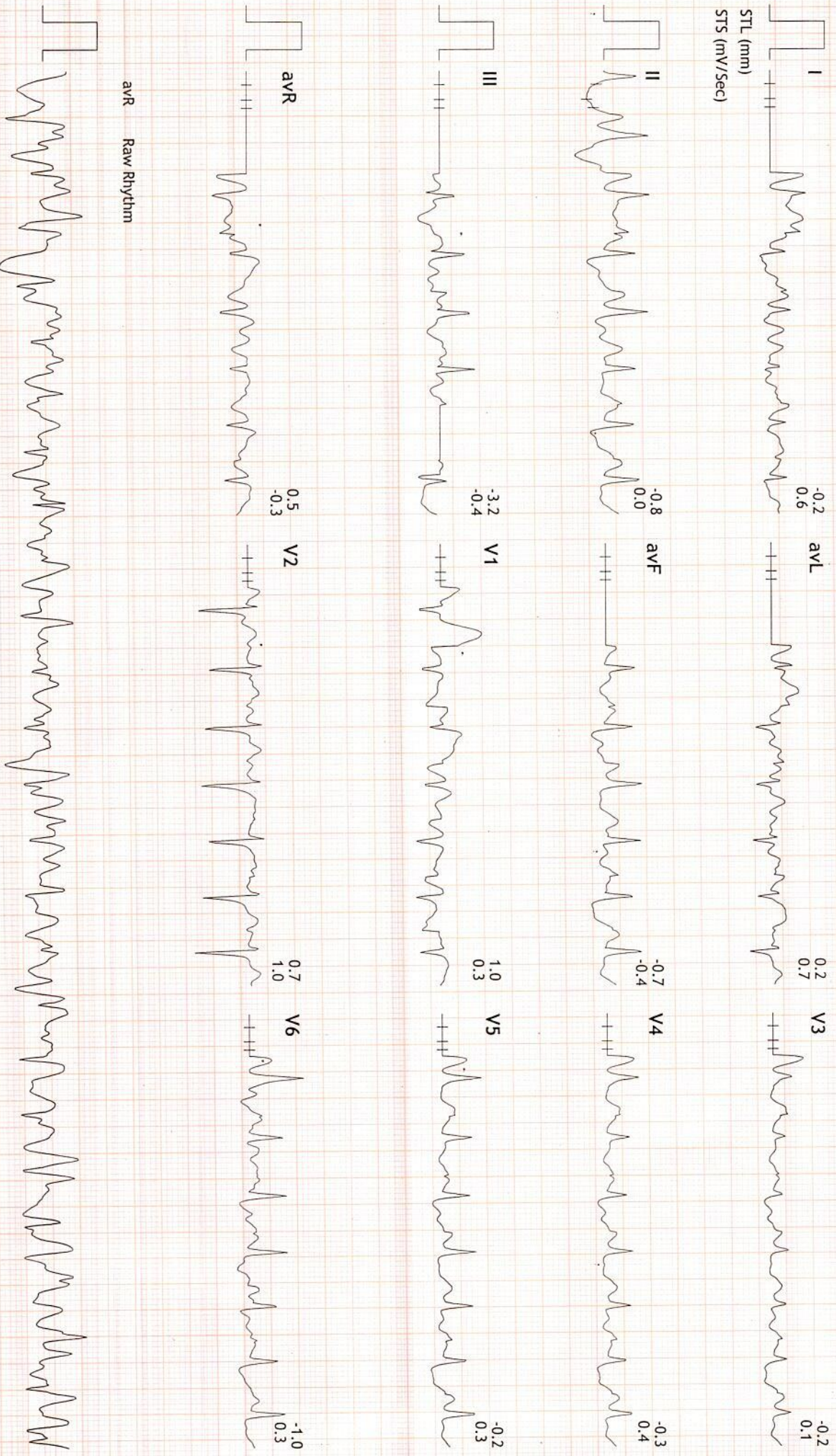
876/HIRAL S SOLANKI HR: 150 bpm  
37 Yrs/Female METS: 4.7  
65 Kg/152 Cms BP: 132/84  
Date: 26-Feb-2022 11:00:19 AM

MPPHR: 81% of 183  
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.





876/HIRAL S SOLANKI HR: 165 bpm  
37 Yrs/Female METS: 7.1  
65 Kg/152 Cms BP: 142/92  
Date: 26-Feb-2022 11:00:19 AM

MPHR: 90% of 183  
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) Ahm. 08.

876/HIRAL S SOLANKI HR: 169 bpm  
37 Yrs/Female METS: 7.3  
65 Kg/152 Cms BP: 142/92  
Date: 26-Feb-2022 11:00:19 AM

MPPHR: 92% of 183  
Speed: 3.4 mph  
Grade: 14.0%

BRUCE  
(1.0-100)Hz

Ex Time 06:09  
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.

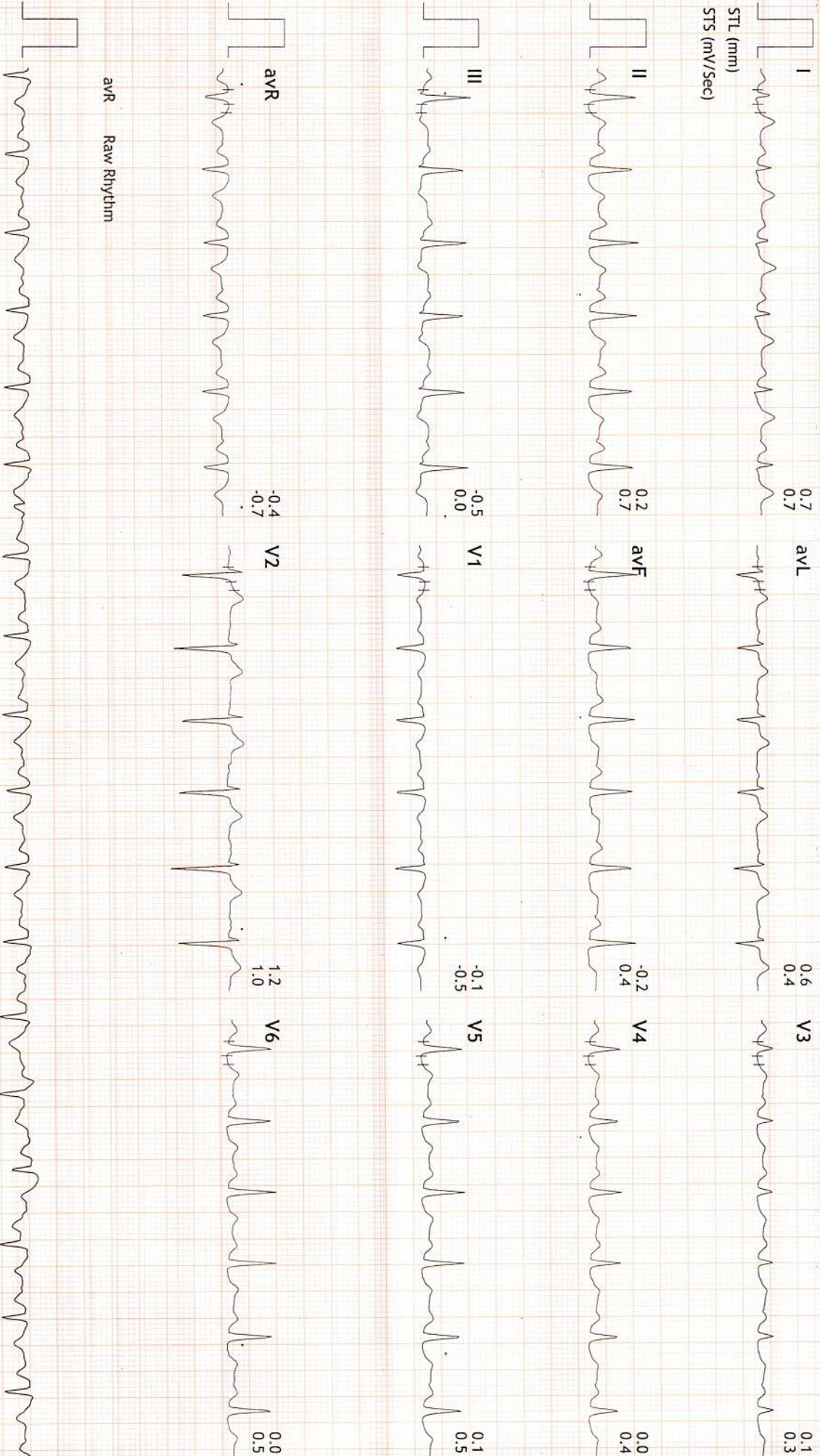
876/HIRAL S SOLANKI HR: 108 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 142/92  
Date: 26-Feb-2022 11:00:19 AM

MPHR:59% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 06:09  
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.

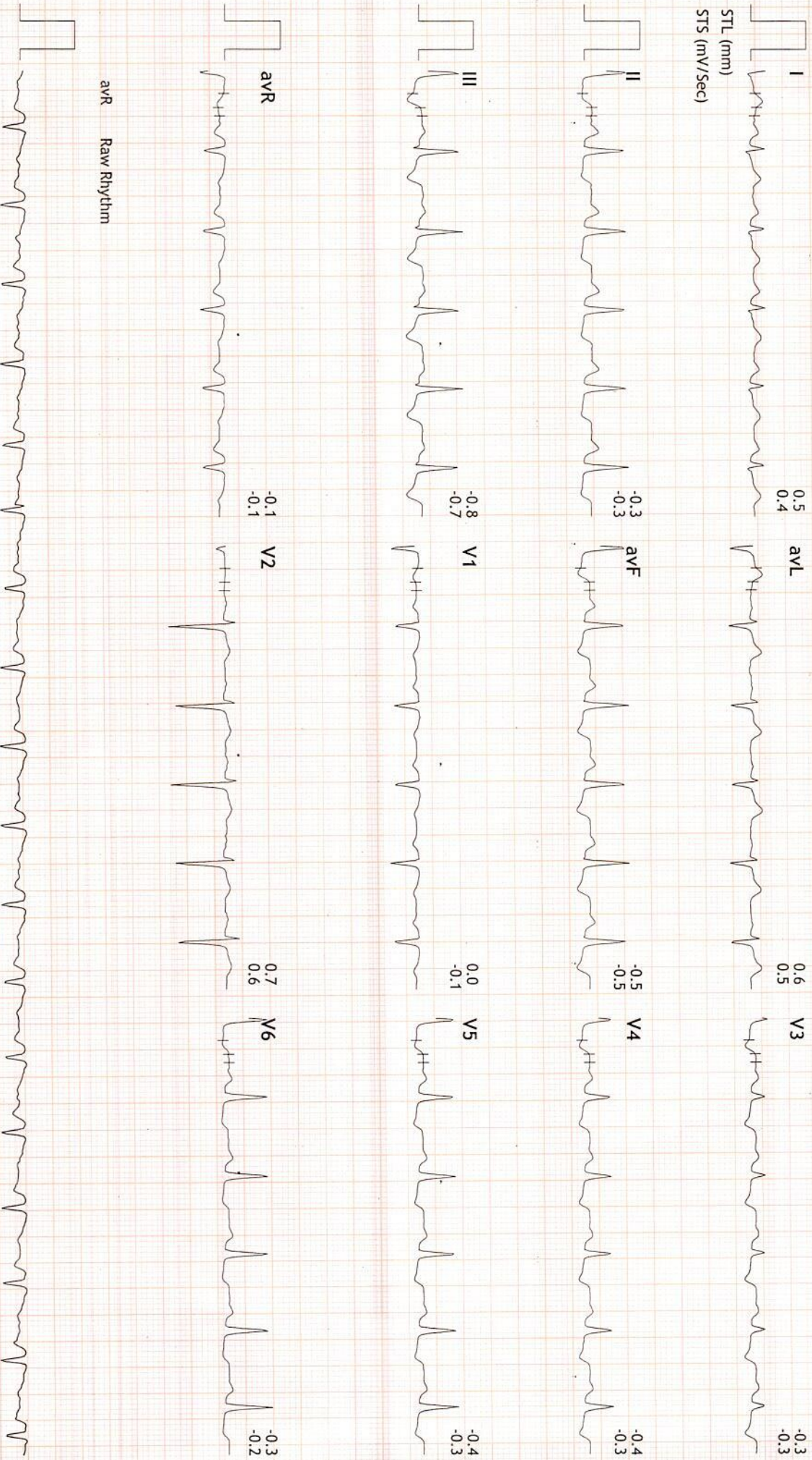
876/HIRAL S SOLANKI HR: 106 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 130/82  
Date: 26-Feb-2022 11:00:19 AM

MPHR: 57% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 06:09  
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.

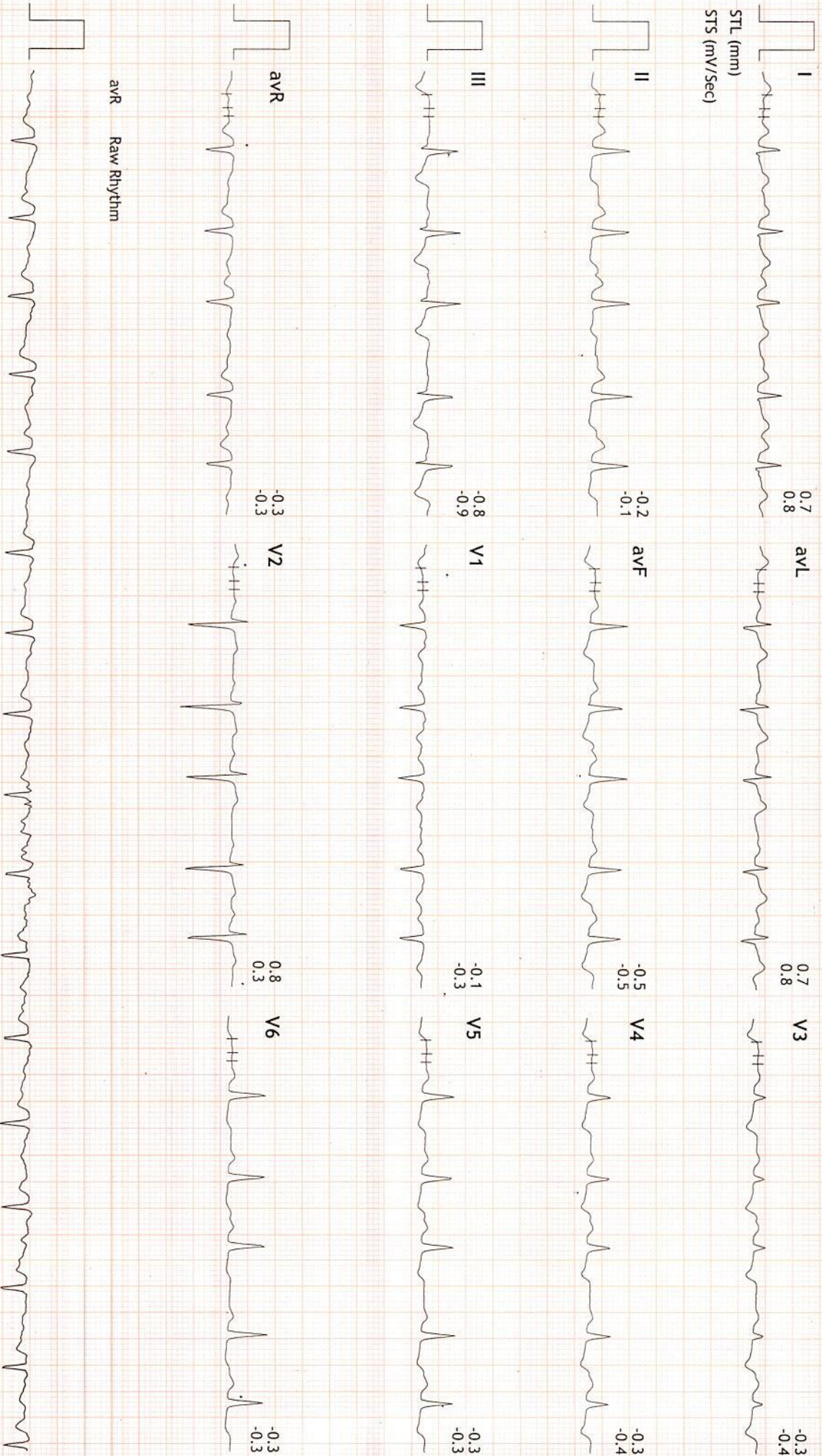
876/HIRAL S SOLANKI HR: 106 bpm  
37 Yrs/Female METS: 1.0  
65 Kg/152 Cms BP: 128/78  
Date: 26-Feb-2022 11:00:19 AM

MPHR: 57% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 06:09  
BLC : On  
Notch : On

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







**NAME: HIRAL S SOLANKI**

**37YRS/F**

**DATE: 26/02/2022**

**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 is seen 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.

**Uterus** appears normal in size & echopattern. No focal lesion is seen

**Both ovaries** appear normal.

No adnexal mass is seen on either side.

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:**

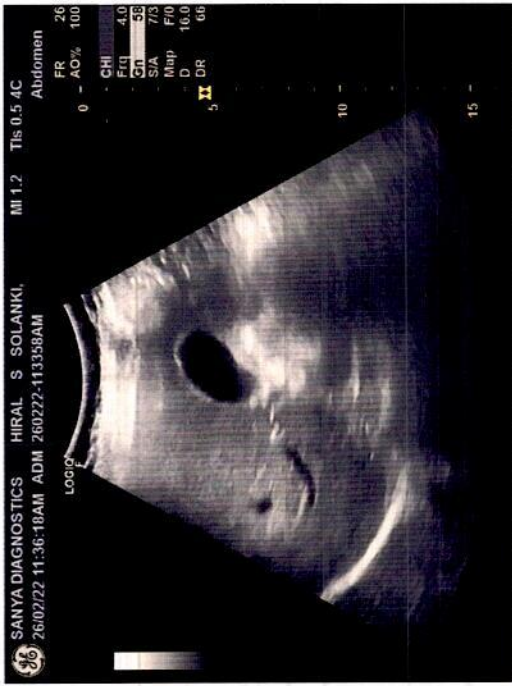
- **No significant abnormality identified.**

**DR. SANDIP MEVADA**  
M.D.

**DR. ANIRUDDHSINH RAHEVAR**  
DMRD DNB

  
**DR. PRANAY PATEL**  
M.D.

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





**NAME: HIRAL S SOLANKI**  
**REF.BY: DR. PRAMUKH HOSPITAL**

**37YRS/F**

**DATE: 26/02/2022**

**X-RAY CHEST PA VIEW:**

Both lung fields appear normal.

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

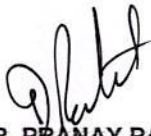
Cardiac size appears normal.

Both domes of diaphragm are normal

The bony thoracic cage appears normal.

**DR. SANDIP MEVADA**  
M.D.

**DR. ANIRUDDHSINH RAHEVAR**  
DMRD DNB

  
**DR. PRANAY PATEL**  
M.D.

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





ભારત સરકાર

Government of India



હિરલ શંકરભાઈ સોલંકી

Hiral Shankarbhai Solanki

જન્મ તારીખ / DOB : 18/10/1984

સ્ત્રી / Female



6461 3766 4488

મારો આધાર, મારી ઓળખ



भारतीय विशिष्ट ओळखाए-प्राधिकरण

Unique Identification Authority of India

सरनामूं: 5, आनल पार्क सोसायटी, वस्रापुर  
रेल्वे स्टेशन पास, वेजलपुर, अहमदाबाद  
शहरे, अमदावाए, वेजलपुर, गुजरात, 380051

Address: 5, Anal Park Society, Near  
Vastrapur Railway Station, Vejalpur,  
Ahmadabad City, Ahmedabad, Vejalpur,  
Gujarat, 380051

6461 3766 4488



1947



help@uidai.gov.in

WWW

www.uidai.gov.in



**Ahmedabad, Gujarat, India**

Bhawan Avenue, Mansarovar Rd, Ahbab

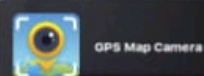
Nagar, Maninagar East, Khokhra,

Ahmedabad, Gujarat 380008, India

Lat 22.995126°

Long 72.613639°

26/02/22 09:05 AM





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

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

Patient Name : Hiral Shankarbhai Solanki  
Sample No.. : 8461  
Reffered : Bank Of Baroda

Age/Sex : 37 Years/Female  
Registration On:26/02/2022/11:08  
Approved On :26/02/2022 16:53

**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**  
**Reg No :G-6486**





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

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

Patient Name : Hiral Shankarbai Solanki  
Sample No.. : 8461  
Reffered : Bank Of Baroda

Age/Sex : 37 Years/Female  
Registration On:26/02/2022/11:08  
Approved On :26/02/2022 16:53

## 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>179.28</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>79.36</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>55.73</b>	<b>mg/dl</b>	<b>40 - 60 mg/dl</b>
<b>Serum LDL Cholesterol:</b> (Calculated)	<b>107.67</b>	<b>mg/dl</b>	<b>Up to 150</b>
<b>Serum VLDL Chlesterol:</b> (Calculated)	<b>15.87</b>	<b>mg/dl</b>	<b>Up to 35</b>
<b>LDLC/HDLC Ratio:</b> (Calculated)	<b>1.93</b>	<b>mg/dl</b>	<b>Up to 3.4</b>
<b>Cholesterol/HDLC Ratio:</b> (Calculated)	<b>3.22</b>	<b>mg/dl</b>	<b>Up to 5.0</b>
<b>Total Lipid:</b> (Calculated)	<b>572.04</b>	<b>mg/dl</b>	<b>400 - 1000 mg/dl</b>

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**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)	81.4	mg/dl	70-110
<b>Post Prandial Blood Glucose:</b> 112.5 (GOD-POD)		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)	4.8	%	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>	91.06	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 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 - **1.005**

### CHEMICAL :

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

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

Pus Cells - **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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## LIVER FUNCTION TESTS

Specimen: SERUM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref Interval</u>
<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>	0.12	mg/dl	up to 0.2
<b>S. Bilirubin (Indirect):</b> <small>(Calculated)</small>	0.33	mg/dl	up to 1.0
<b>SGPT(ALT)</b> <small>(UV Kinetic)</small>	24.11	U/L	up to 42
<b>SGOT (AST)</b> <small>(UV Kinetic)</small>	17.49	U/L	up to 40
<b>GGT</b> <small>(Optimized kinetic color test IFCC)</small>	20.47	U/L	09 - 36
<b>Total Proteins:</b> <small>(Biuret)</small>	6.89	g/dl	6.0 - 8.3
<b>Albumin</b> <small>(BCG)</small>	4.02	g/dl	3.5 - 5.2
<b>Globulins:</b> <small>(Calculated)</small>	2.87	g/dl	2.4 - 3.7
<b>AGRATIO:</b> <small>(Calculated)</small>	1.401		
<b>S.Alkaline Phosphatase:</b> <small>(Colorimetric Optimized Kinetic IFCC)</small>	96.1	U/L	40 - 129

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## Thyroid Functions

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
T3-Triodothyronine	: <b>1.18</b> ng/ml	0.6 - 1.80 ng/ml
T4-Thyroxine	: <b>7.0</b> mcg/dl	4.5 - 10.9 mcg/dl
TSH Thyroid Stimulating Hormone	: <b>4.59</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	12.7	g/dL	12 - 15
R.B.C Count	Electrical impedance	4.72	mill/cmm	3.8 - 4.8
W.B.C Count	Electrical impedance	8.21	10 <sup>3</sup> /uL	4.0 - 10.0
Platelet Count	Electrical impedance	343.9	10 <sup>3</sup> /uL	150 - 450
<b><u>DIFFERENTIAL COUNT</u></b>				
Polymorphs	Microscopic	66	%	60 - 70
Lymphocytes	Microscopic	30	%	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	40.2	%	36 - 46
MCV	Calculated	85.2	fl	80 - 100
MCH	Calculated	<u>26.9</u>	pg	27 - 32
MCHC	Calculated	<u>31.6</u>	g/dl	32 - 36
RDW-CV	Calculated	13.4	%	10 - 16.5

### **PERIPHERAL SMEAR EXAMINATION**

SMEAR Platelets: Adequate

### **Erythrocyte sedimentation rate**

ESR AT 1 hour westergren 15

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mm/Hour

00 - 20

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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>	<b>0.74</b>	<b>mg/dl</b>	<b>0.5 - 1.1 mg/dl</b>
<b>Urea:</b> <small>(GLDH)</small>	<b>11.35</b>	<b>mg/dl</b>	<b>10 - 50 mg/dl</b>
<b>S. Uric Acid:</b> <small>(Uricase-POD)</small>	<b>3.10</b>	<b>mg/dl</b>	<b>2.4 - 6.2 mg/dl</b>
<b>Blood Urea Nitrogen:</b> <small>(Calculated)</small>	<b><u>5.3</u></b>	<b>mg/dl</b>	<b>08 - 23 mg/dl</b>
<b>Bun/Creat Ratio:</b> <small>(Calculated)</small>	<b>7.16</b>		

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