



**PRAMUKH**

**MULTI SPECIALITY**

**HOSPITAL**

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

**MEDICAL EXAMINATION**

DATE :- 26/2/22

NAME :- FALGUNI T. KUMBHAR

AGE /SEX :- 37YRS / Female

O/E :

T:

BP: 124/82 mmHg ..

P: 78/ - w.

RS: BAEf

SPO2: 97% on R.A .

CNS: Conloni.

CVS: S1+S2+

P/A: Sot 1

ADV: —

Height : 163

Weight : 66

BMI : 24.

Eye Exam. : Vision Normal

Ear Exam. : Hearing Normal.

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

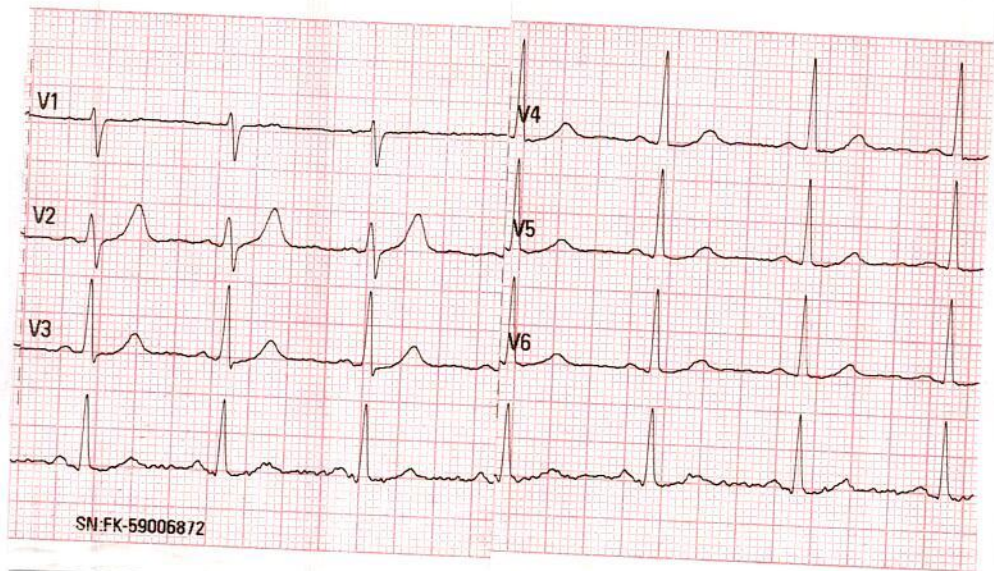
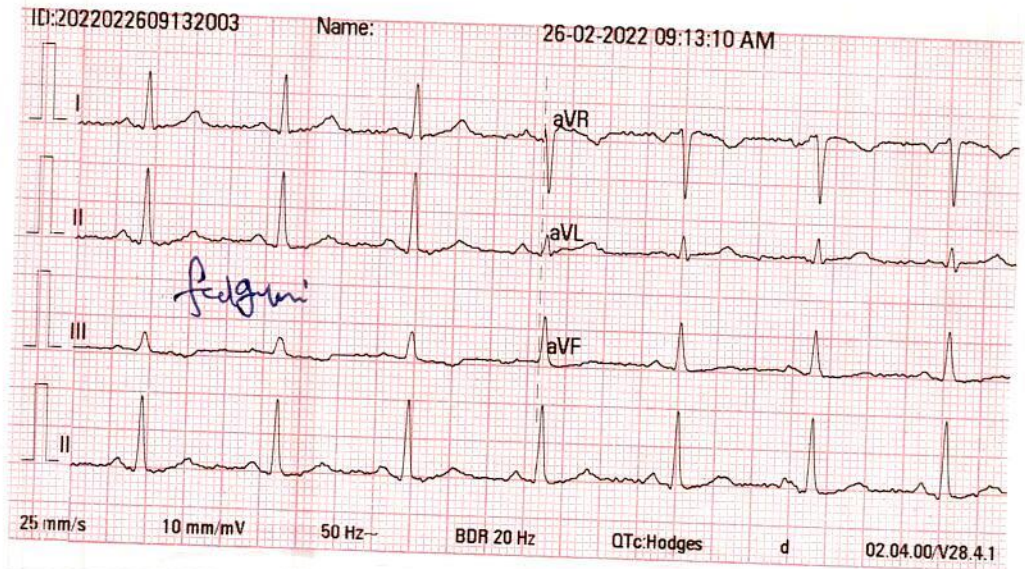


*Falguni*



# PRAMUKH MULTI SPECIALITY HOSPITAL

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



*Normal ECG  
rate 78 bpm  
msw*

**DR. KAMLESH N. SHAN**  
M.D. (FICA-USA)  
Reg. No. G-1345

HELP LINE No. 7227971927 **PRAMUKH MULTISPECIALITY HOSPITAL**  
MANINAGAR, AHMEDABAD.



Summary

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

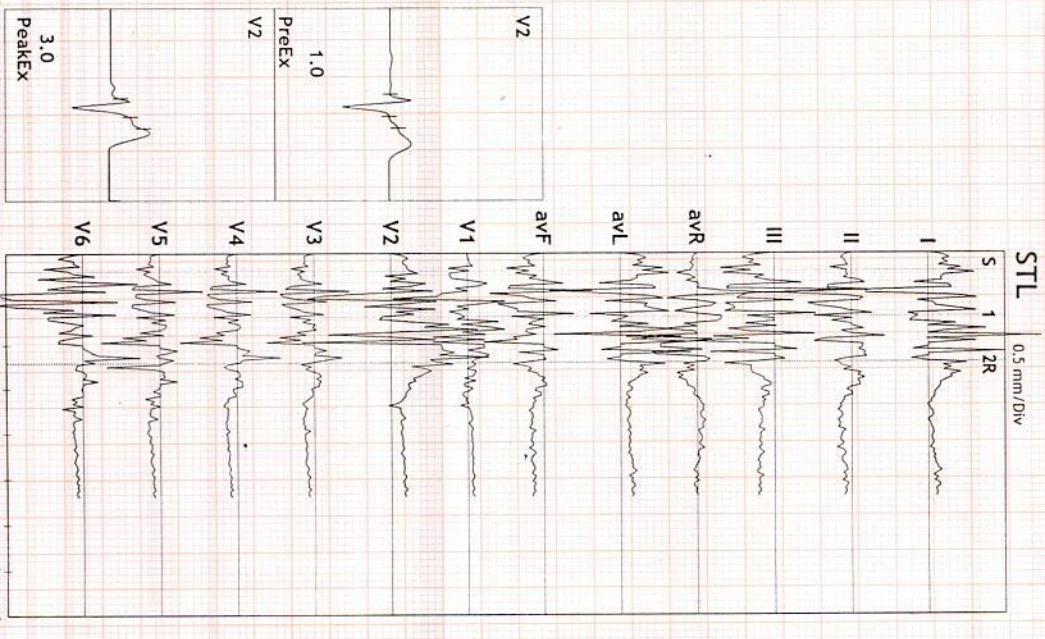
Ref. By : BOB  
Medication : NO  
Objective : NO

877/FALGUNI T KUMBHARE 37 Yrs/Female 66 kg/163 Cms  
Date: 26-Feb-2022 11:23:58 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	98	124/82	121	-	
Supine					1.0	99	124/82	122	-	
Standing					1.0	98	124/82	121	-	
HV					1.0	90	124/82	111	-	
EXStart					1.0	101	124/82	125	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	151	132/88	199	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	170	142/94	241	-	
PeakEx	0:05	6:06	3.4	14.0	7.2	169	142/94	239	-	
Recovery	1:00		0.0	0.0	1.1	131	142/94	186	-	
Recovery	4:00		0.0	0.0	1.0	108	138/86	149	-	
Recovery	7:00		0.0	0.0	1.0	108	130/82	140	-	
Recovery	9:01		0.0	0.0	1.0	114	130/82	148	-	

Findings :

Exercise Time : 6:05 minutes  
 Max HR attained : 170 bpm 93% of Max Predictable HR 183  
 Max BP : 142/94(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: 4:41  
 TARGET HR ACHIEVED.



Advice/Remarks:

*New way TMT*  
*CTMT is best*

*Dr. Kamlesh N. Shah*  
M.D. (FICA-USA)  
PRAMUKH MULTISPECIALITY HOSPITAL  
MAININAGAR, AHMEDABAD



ST Summary

Protocol : BRUCE

STL (mm) 60 mSecs Post J	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine	0.9	-0.4	-1.3	-0.2	1.1	-0.9	0.1	0.8	-0.6	-0.6	-0.6	-0.6
Supine	0.7	-0.2	-0.9	-0.2	0.8	-0.6	0.3	1.0	-0.4	-0.4	-0.4	-0.2
Standing	2.1	-1.4	-3.5	-0.3	2.8	-2.4	-1.3	1.0	-1.5	-1.5	-1.5	-2.5
HV	2.1	-1.4	-3.5	-0.3	2.8	-2.4	-1.3	1.0	-1.5	-1.5	-1.5	-2.5
EXStart	2.1	-1.4	-3.5	-0.3	2.8	-2.4	-1.3	1.0	-1.5	-1.5	-1.5	-2.5
Stage 1	-1.4	1.3	2.7	0.0	-2.0	2.0	-0.5	1.5	0.6	0.9	1.0	2.2
Stage 2	-1.1	-0.4	0.7	0.8	-0.9	0.1	0.4	2.5	0.8	0.3	0.9	0.1
PeakX	0.0	-1.1	-1.1	0.5	0.5	-1.1	0.2	3.0	-0.1	0.2	0.3	0.7
Recovery	1.4	0.4	-1.1	-0.9	1.2	-0.3	0.3	1.9	0.4	0.2	0.3	0.1
Recovery	0.0	-0.9	-0.9	0.5	0.4	-0.9	0.2	0.6	-0.7	-0.8	-0.8	-0.6
Recovery	0.6	-0.4	-1.0	-0.1	0.8	-0.7	0.3	0.8	-0.5	-0.5	-0.5	-0.4
STS mV/Sec.	1.8	0.3	-1.6	-1.1	1.8	-0.7	-0.2	1.0	-0.3	-0.3	-0.4	-0.4
Supine	1.3	0.5	-0.7	-0.9	1.0	-0.1	0.1	1.5	0.1	0.1	0.1	0.2
Supine	3.0	0.0	-3.1	-1.5	3.0	-1.5	-0.9	2.0	-0.8	-0.9	-1.0	0.9
Standing	3.0	0.0	-3.1	-1.5	3.0	-1.5	-0.9	2.0	-0.8	-0.9	-1.0	0.9
HV	3.0	0.0	-3.1	-1.5	3.0	-1.5	-0.9	2.0	-0.8	-0.9	-1.0	0.9
EXStart	3.0	0.0	-3.1	-1.5	3.0	-1.5	-0.9	2.0	-0.8	-0.9	-1.0	0.9
Stage 1	3.8	1.6	-2.2	-2.7	3.0	-0.3	-3.4	-0.2	0.2	0.3	0.4	0.5
Stage 2	4.8	4.3	-0.4	-4.5	2.6	2.0	0.2	0.5	1.3	0.6	1.7	2.6
PeakX	-1.1	-0.4	0.7	0.8	-0.9	0.1	-1.6	2.9	1.8	1.7	1.3	1.0
Recovery	2.0	1.7	-0.3	-1.9	1.1	0.7	-0.2	2.3	1.8	1.4	1.3	0.8
Recovery	0.8	0.2	-0.6	-0.5	0.7	-0.2	0.1	0.8	0.0	-0.1	-0.2	-0.1
Recovery	1.7	0.7	-0.9	-1.2	1.3	-0.1	0.3	1.2	0.2	0.1	0.0	0.1

STI on Next Page

*Fulguni*



STI	μVs	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
	Supine	0.9	-3.6	-4.4	1.4	2.6	-4.0	1.4	3.0	-3.2	-3.0	-3.0	-2.6
	Supine	0.1	-3.2	-3.2	1.5	1.8	-3.2	2.2	3.4	-2.7	-2.4	-2.4	-1.4
	Standing	6.9	-8.8	-15.7	1.0	11.2	-12.2	-5.8	2.2	-7.9	-7.7	-7.7	-17.7
	HV	6.9	-8.8	-15.7	1.0	11.2	-12.2	-5.8	2.2	-7.9	-7.7	-7.7	-17.7
	ExStart	6.9	-8.8	-15.7	1.0	11.2	-12.2	-5.8	2.2	-7.9	-7.7	-7.7	-17.7
	Stage 1	-17.2	6.1	23.2	5.5	-20.2	14.7	2.6	10.7	4.3	5.8	6.0	12.8
	Stage 2	-19.4	-10.6	8.9	15.1	-14.1	-0.8	2.5	12.9	3.4	1.8	3.4	-7.5
	PeakX	-0.6	-8.0	-7.5	4.1	3.6	-7.8	4.0	10.4	-4.9	-2.3	-1.7	2.0
	Recovery	3.5	-2.1	-5.7	-0.7	4.6	-3.9	1.8	5.4	-2.1	-2.4	-1.1	-1.5
	Recovery	-0.6	-4.8	-4.3	2.7	1.8	-4.5	1.2	2.2	-4.1	-4.2	-4.0	-3.3
	Recovery	0.3	-4.1	-4.3	1.9	2.3	-4.2	1.4	2.6	-3.4	-3.5	-3.3	-2.8

*Suljani*



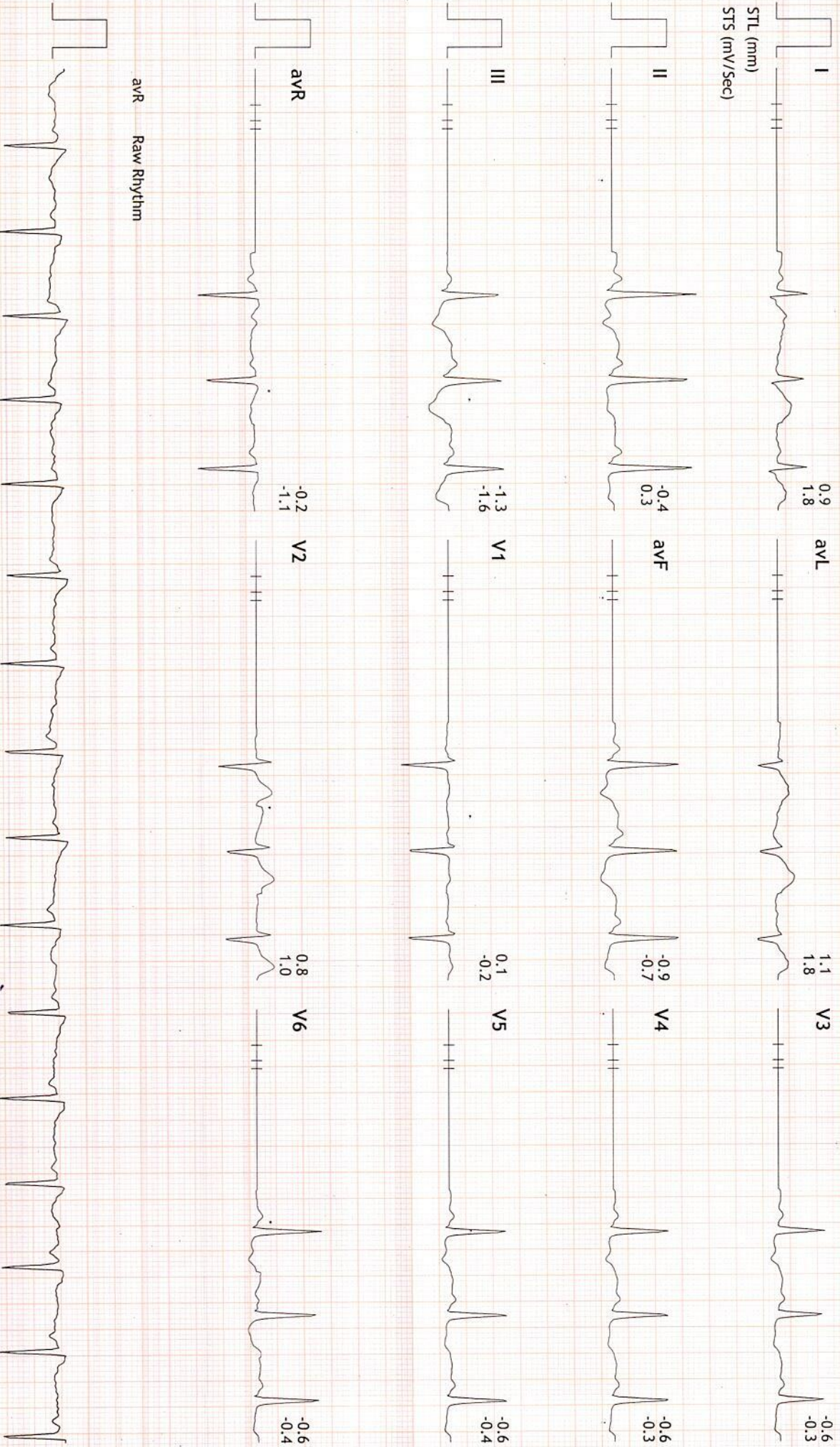
877/FALGUNI T KUMBHAR: 99 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 124/82  
Date: 26-Feb-2022 11:23:58 AM

MPHR: 5.4% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)HZ

Ex Time 00:35  
BLC : On  
Notch : On

SUPINE  
10.0 mm/mV  
25 mm/Sec.



avR Raw Rhythm

*Signature*



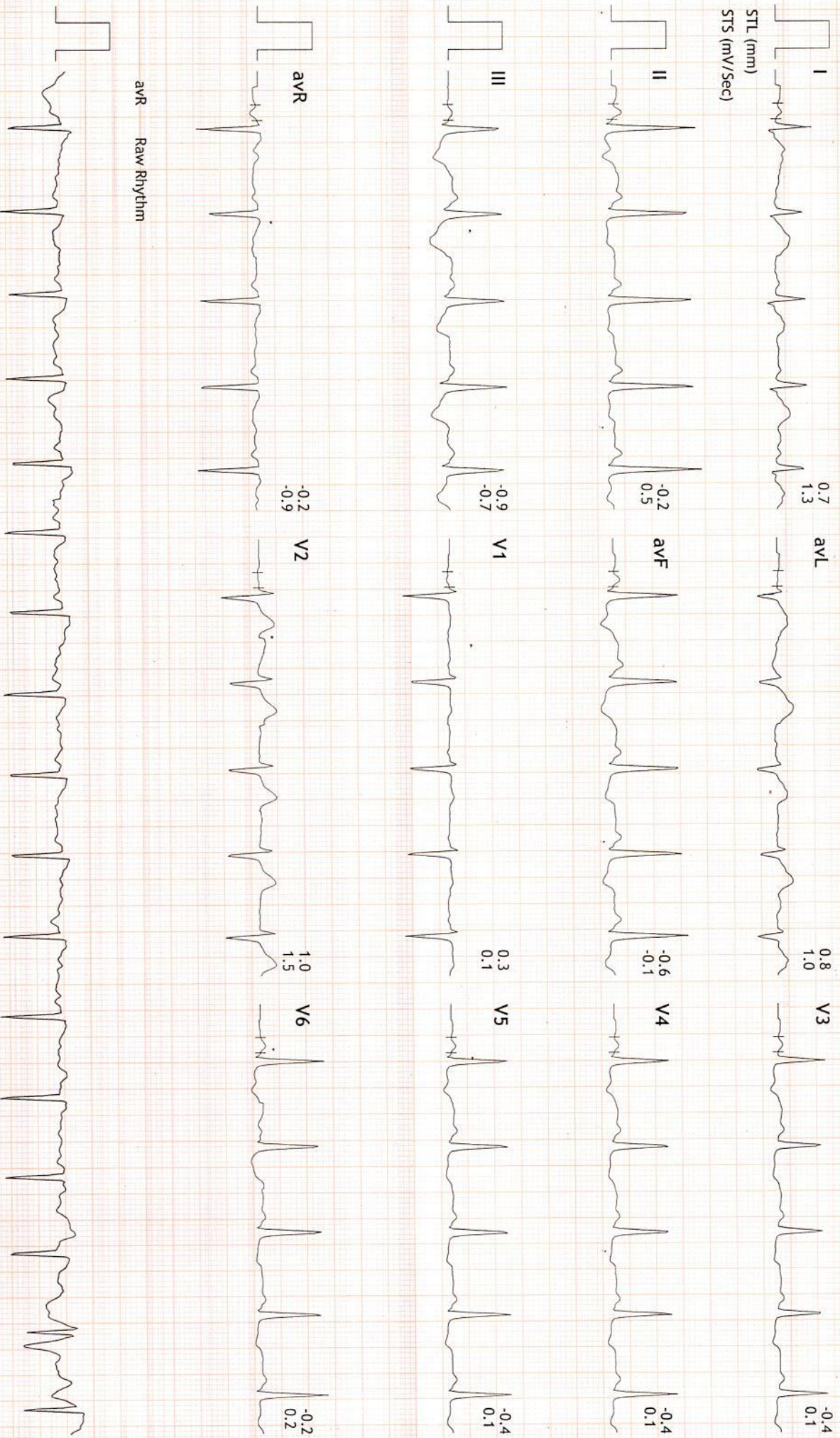
877/FALGUNI T KUMBHAR: 99 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 124/82  
Date: 26-Feb-2022 11:23:58 AM

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

BRUCE  
(1.0-100)Hz

Ex Time 00:55  
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.

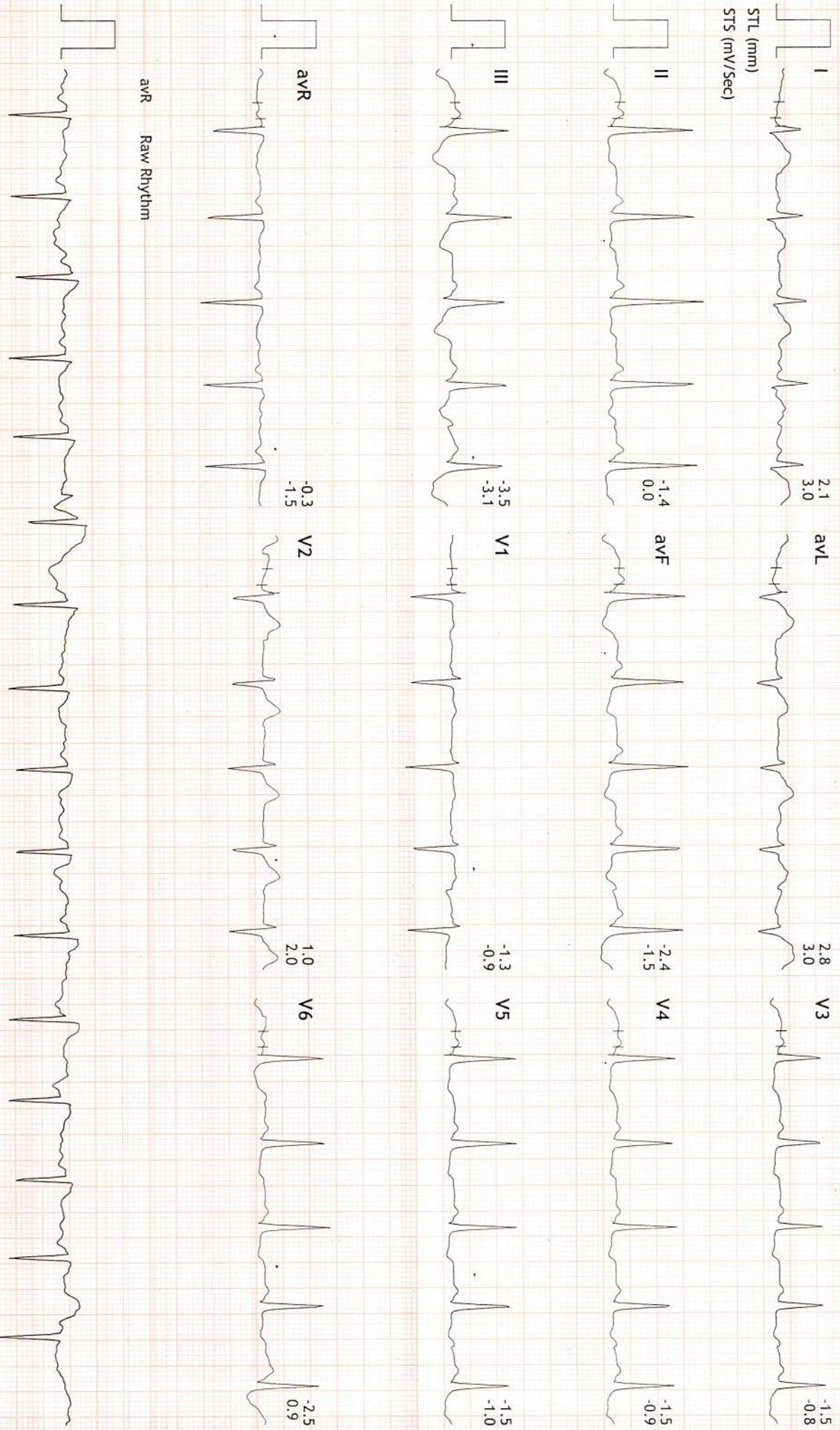
877/FALGUNI T KUMBHAR: 101 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 124/82  
Date: 26-Feb-2022 11:23:58 AM

MPPH: 55% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 01:02  
BLC : On  
Notch : On

STANDING  
10.0 mm/mV  
25 mm/Sec.



avR Raw Rhythm





Linked Medians Report

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

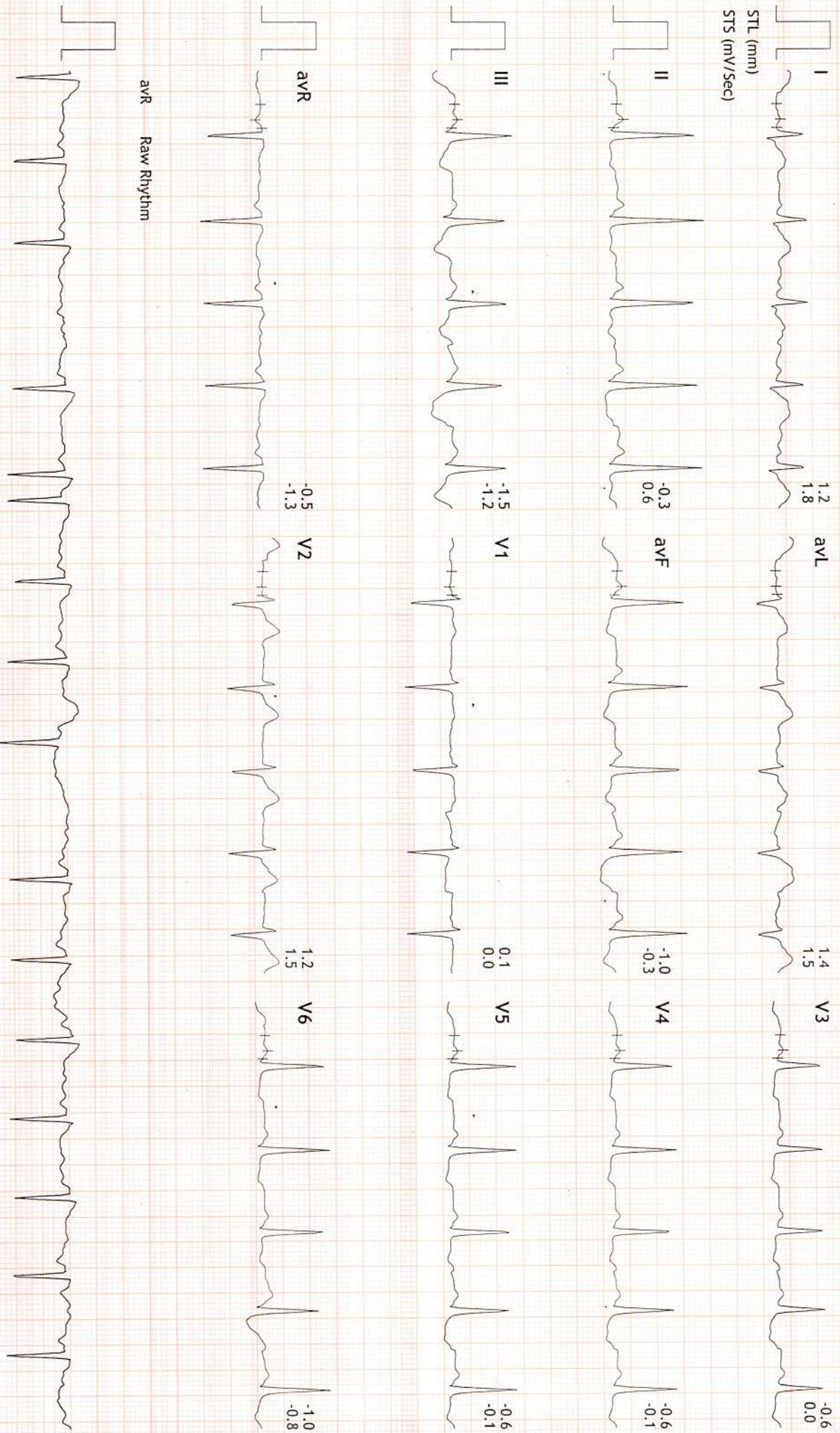
877/FALGUNI T KUMBHAR: 88 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 124/82  
Date: 26-Feb-2022 11:23:58 AM

MPPHR: 48% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 01:06  
BLC : On  
Notch : On

HV  
10.0 mm/mV  
25 mm/Sec.





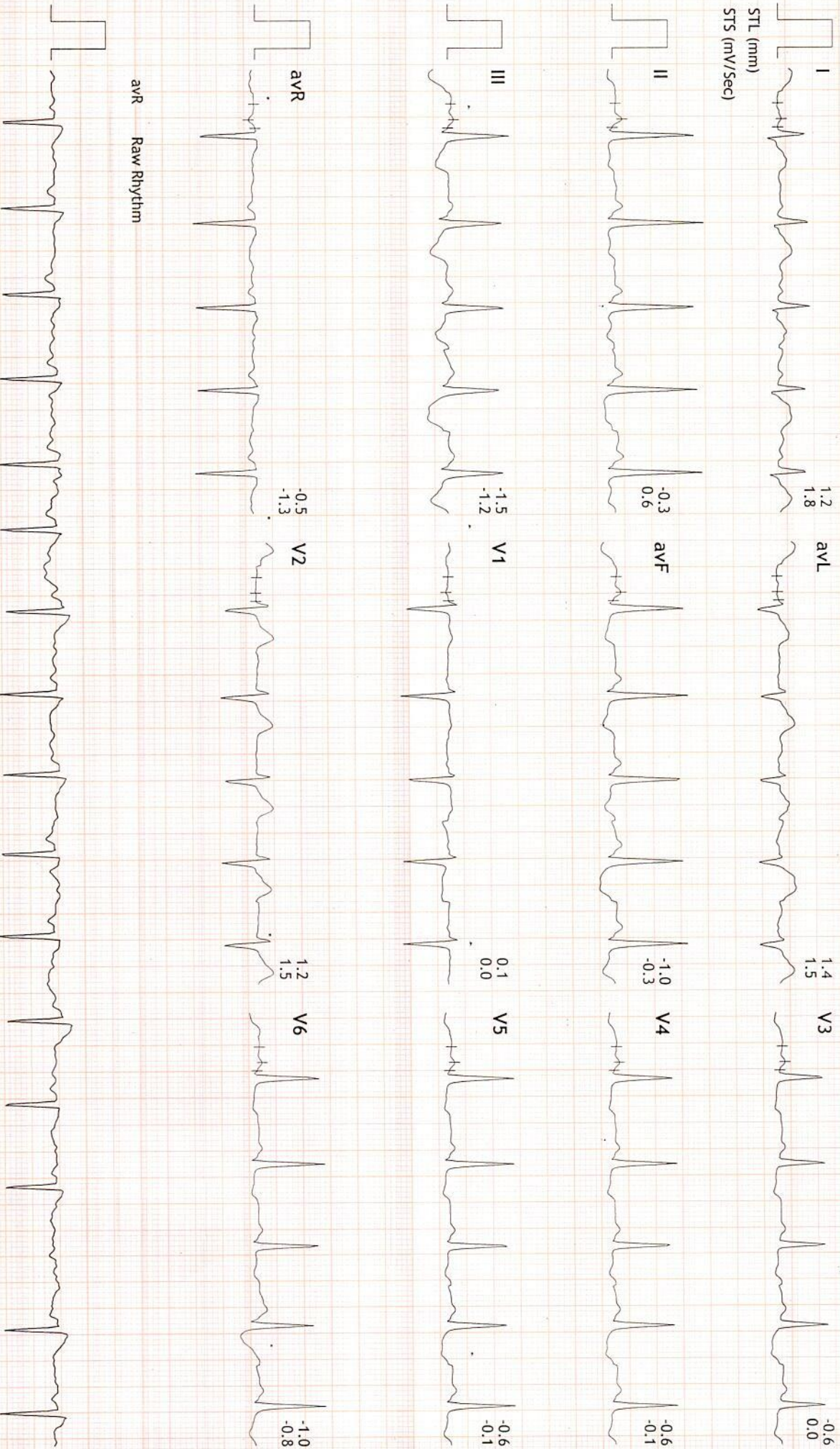
877/FALGUNI T KUMBHAR: 101 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 124/82  
Date: 26-Feb-2022 11:23:58 AM

MPPR:55% 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.





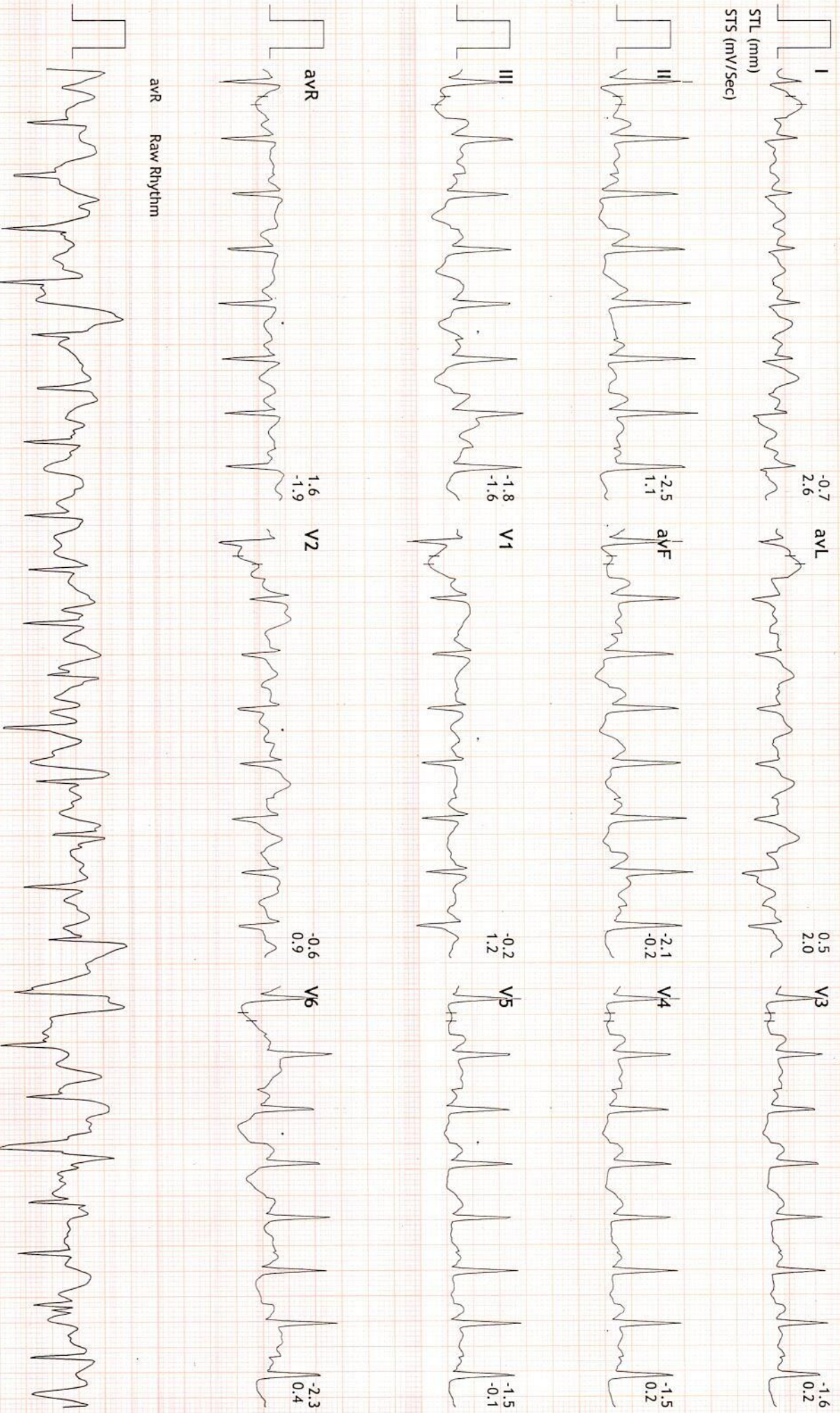
877/FALGUNI T KUMBHAR: 151 bpm  
37 Yrs/Female METS: 4.7  
66 Kg/163 Cms BP: 132/88  
Date: 26-Feb-2022 11:23:58 AM

MPHR: 82% 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.



avR Raw Rhythm



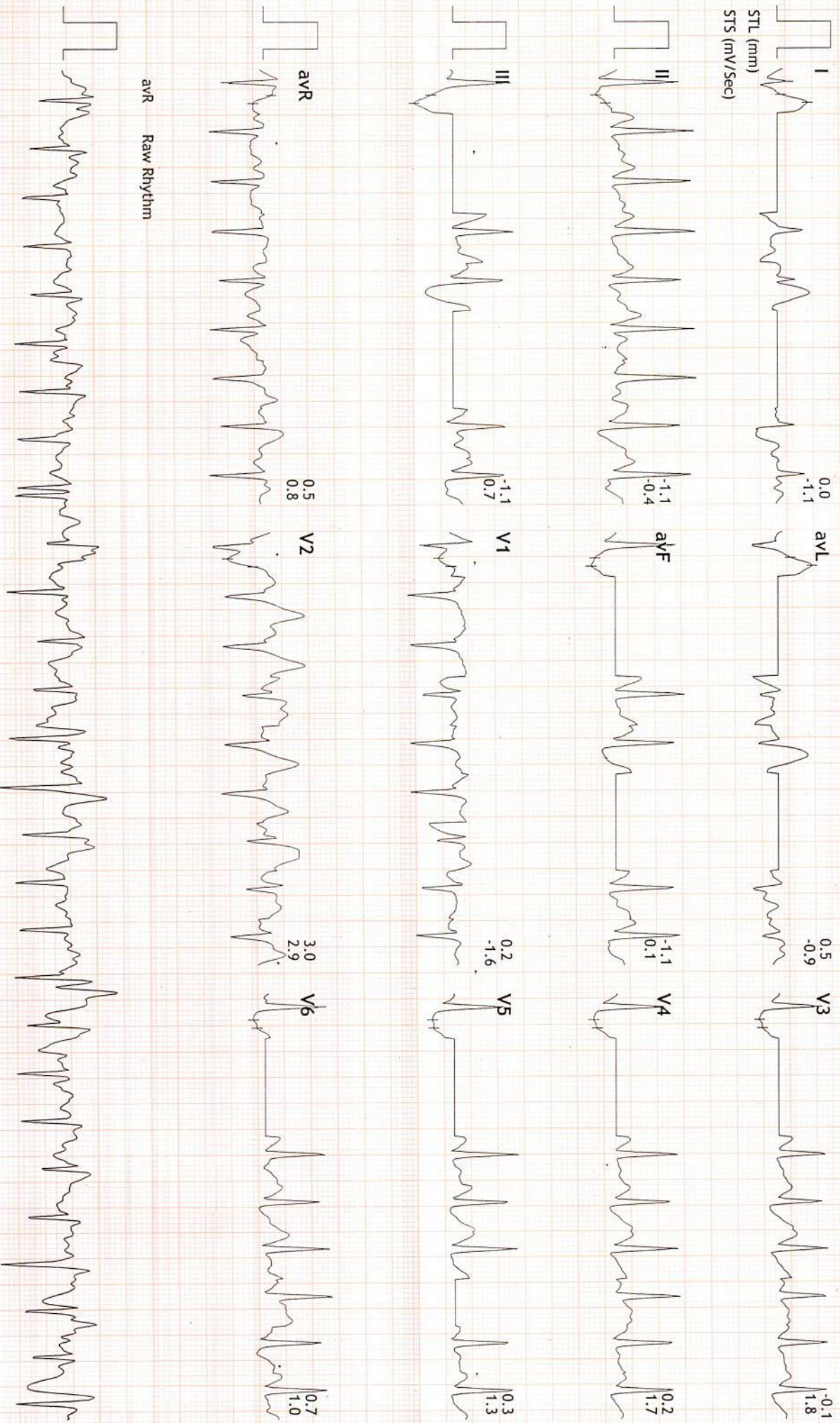
877/FALGUNI T KUMBHAR: 170 bpm  
37 Yrs/Female METS: 7.1  
66 Kg/163 Cms BP: 142/94  
Date: 26-Feb-2022 11:23:58 AM

MPHR: 92% 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.



avR Raw Rhythm



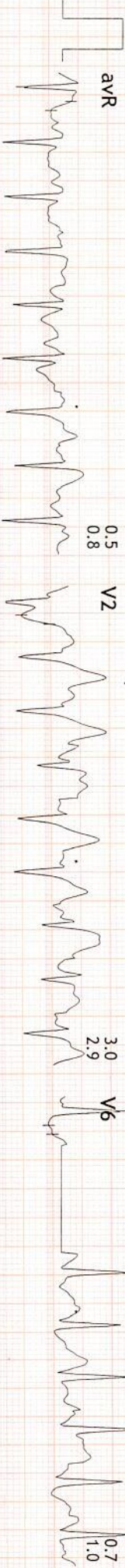
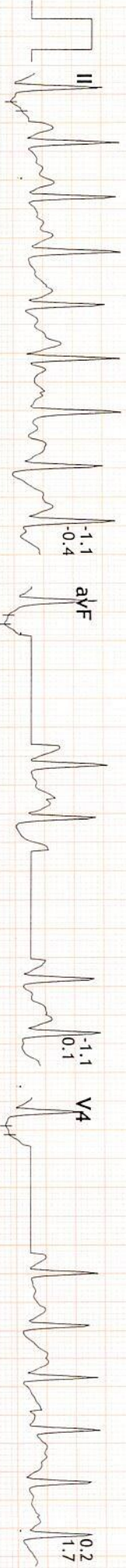
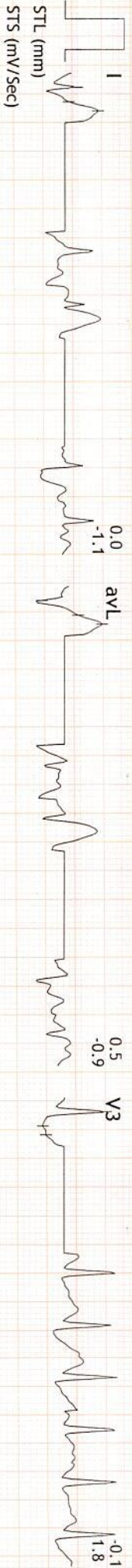
877/FALGUNI T KUMBHAR: 169 bpm  
37 Yrs/Female METS: 7.2  
66 Kg/163 Cms BP: 142/94  
Date: 26-Feb-2022 11:23:58 AM

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

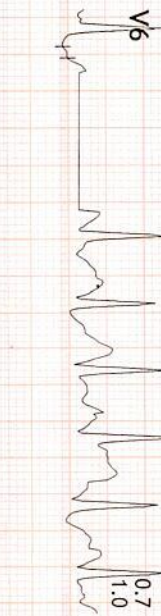
BRUCE  
(1.0-100)HZ

Ex Time 06:04  
BLC : On  
Notch : On

PeaKEx  
10.0 mm/mV  
25 mm/Sec.



avR Raw Rhythm





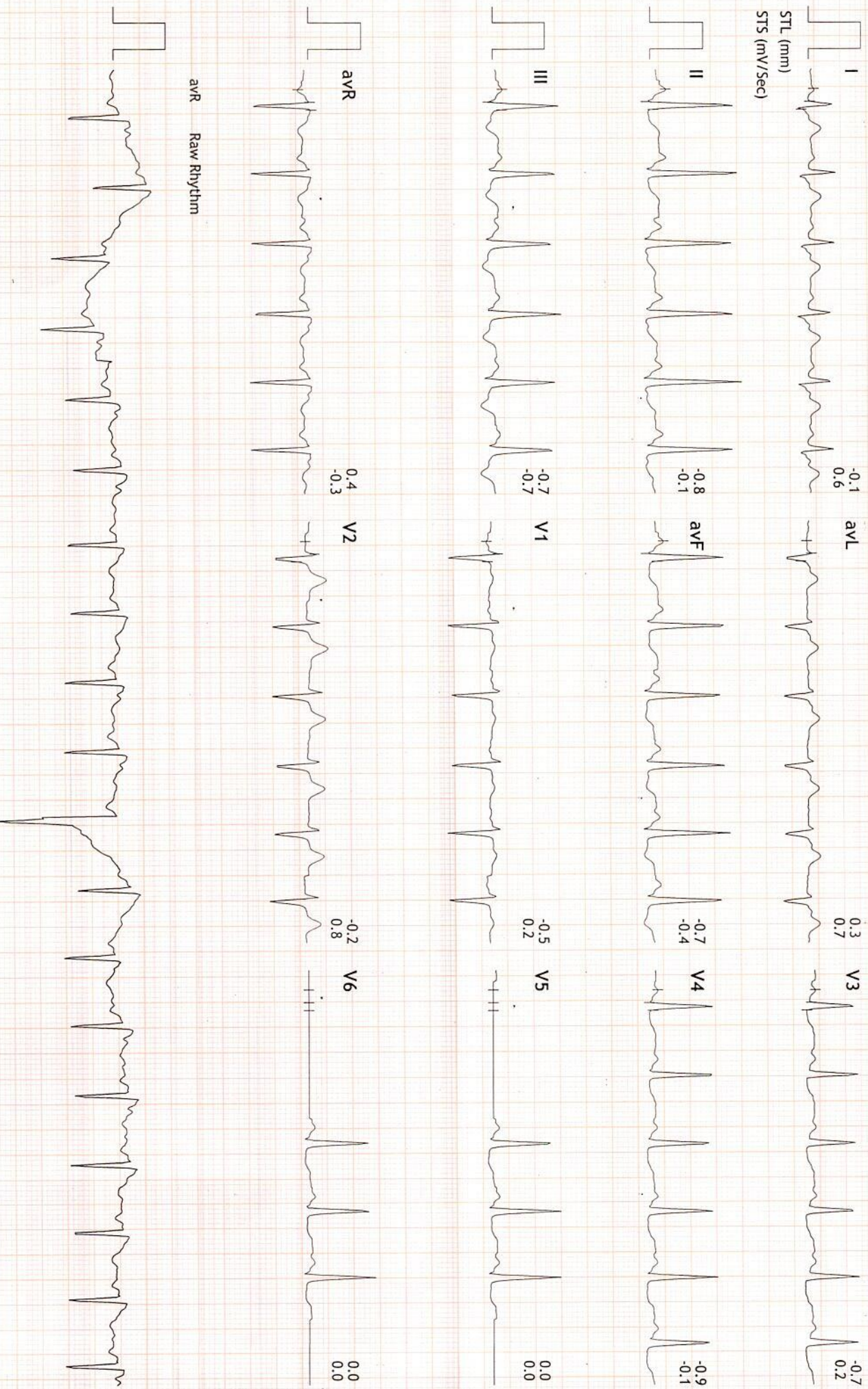
877/FALGUNI T KUMBHAR: 114 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 142/94  
Date: 26-Feb-2022 11:23:58 AM

MPPR: 62% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 06:04  
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) Amn. 08.

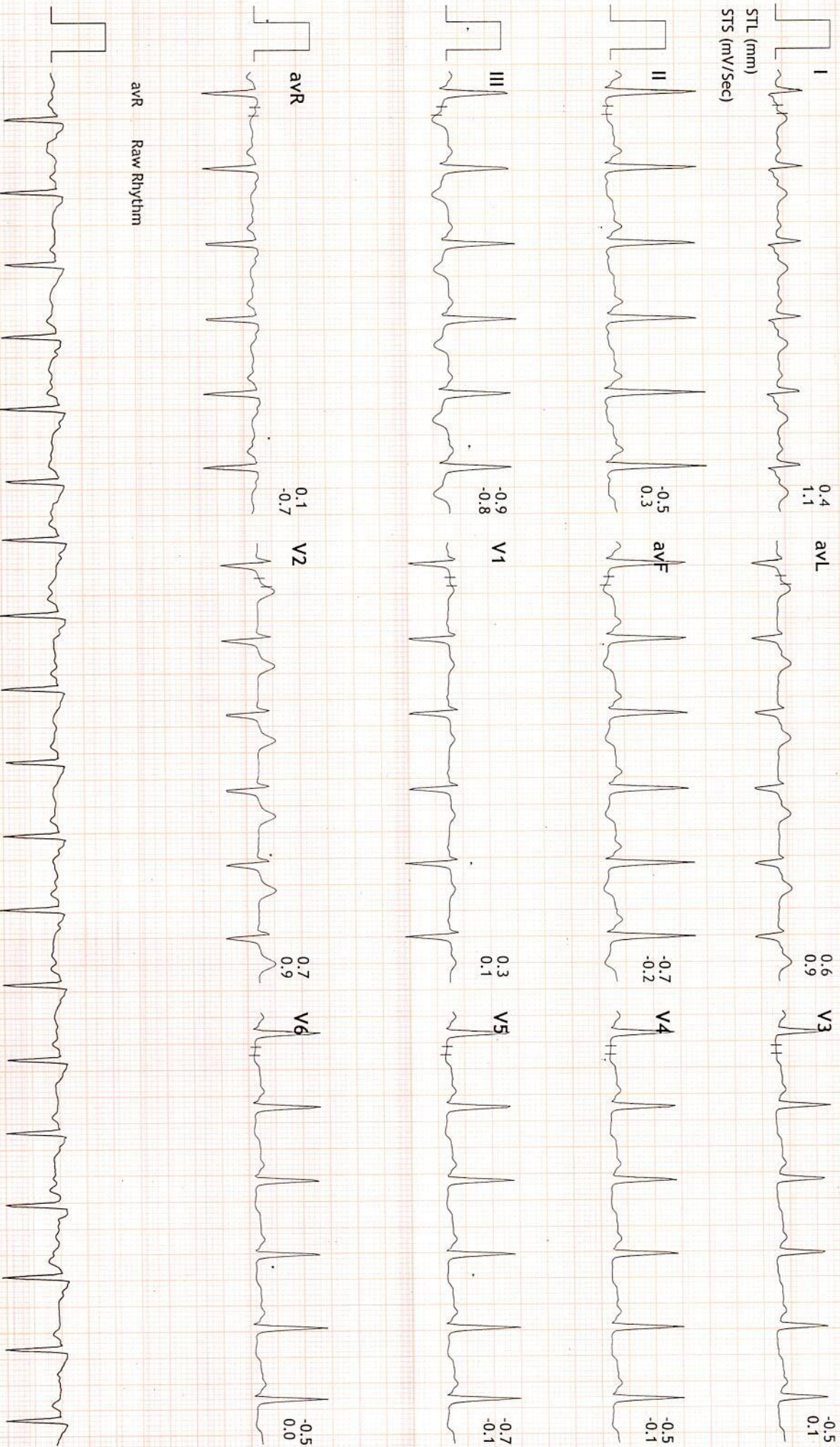
877/FALGUNI T KUMBHARR: 115 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 138/86  
Date: 26-Feb-2022 11:23:58 AM

MPHR: 62% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)HZ

Ex Time 06:04  
BLC : On  
Notch : On

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





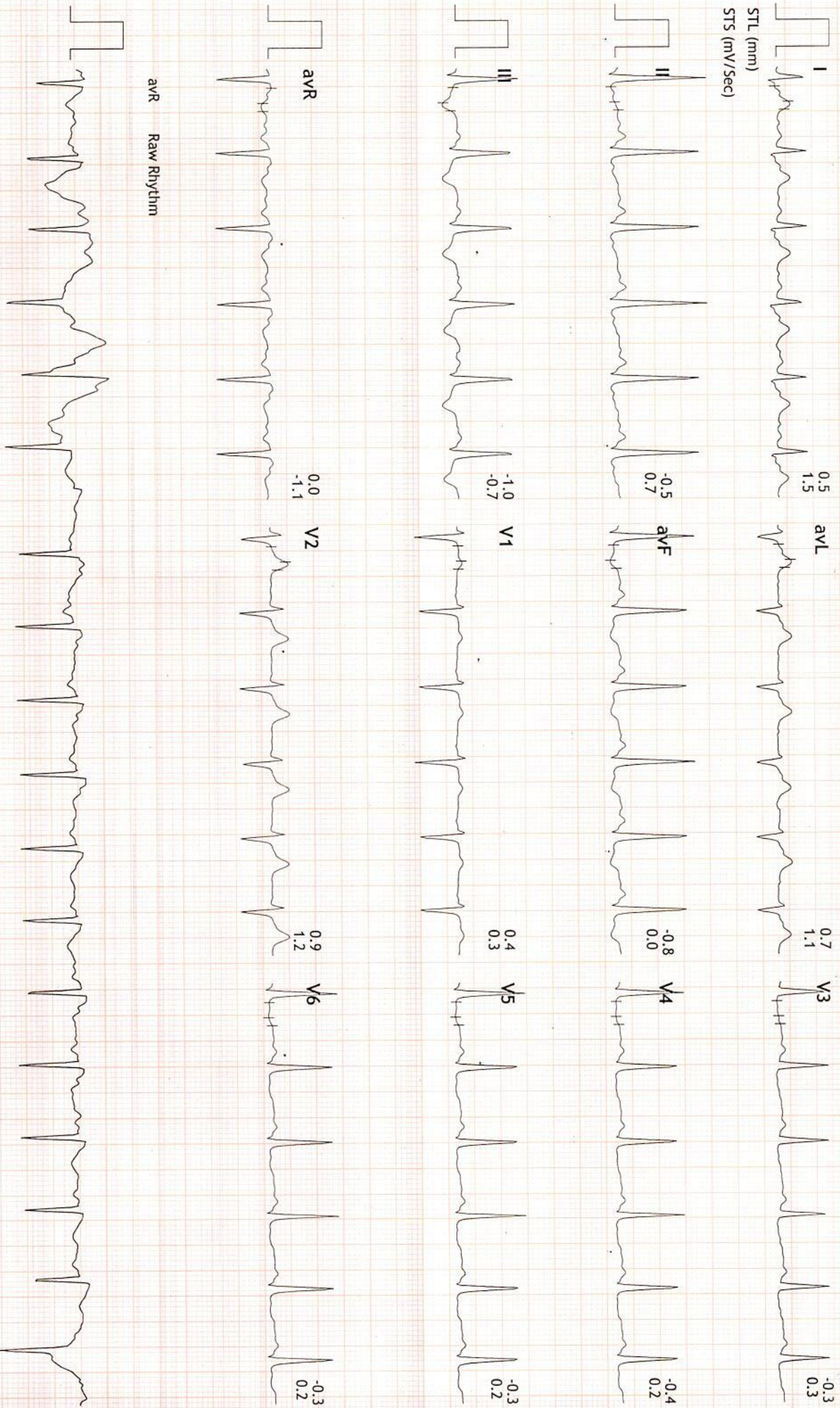
877/FALGUNI T KUMBHAR: 114 bpm  
37 Yrs/Female METS: 1.0  
66 Kg/163 Cms BP: 130/82  
Date: 26-Feb-2022 11:23:58 AM

MPHR: 62% of 183  
Speed: 0.0 mph  
Grade: 0.0%

BRUCE  
(1.0-100)Hz

Ex Time 06:04  
BLC : On  
Notch : On

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



avR Raw Rhythm





**NAME: FALGUNI T. KUMBHARE**

**F/37YRS.**

**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.

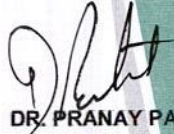
Bony thoracic cage and both domes of diaphragm appears normal.

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: FALGUNI T. KUMBHARE**

**F/37YRS.**

**DATE: 26/02/2022**

**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.

**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.

**IMPRESSION:**

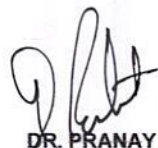
**NO SIGNIFICANT ABNORMALITY IDENTIFIED.**

DR. SANDIP MEVADA  
M.D.

DR. ANIRUDDHSINH RAHEVAR  
DMRD DNB

DR. RUCHIT SHAH  
M.D.

DR. AMISHA PATEL  
M.D.

  
DR. PRANAY PATEL  
M.D.



R PA



FALGUNI KUMBHARE F/37 YRS Female

Chest PA

26/02/2022 10:33:49 AM

SANYA DIAGNOSTICS, MANINAGAR, AHMEDABAD.

YEAR	AGE	YEAR	AGE	YEAR	AGE
51	80	51	70	51	60
52	79	52	69	52	59
53	78	53	68	53	58
54	77	54	67	54	57
55	76	55	66	55	56
56	75	56	65	56	55
57	74	57	64	57	54
58	73	58	63	58	53
59	72	59	62	59	52
50	71	50	61	50	51

vivo X50 · AHMEDABAD

Feb 26, 2022, 18:26



## Ahmedabad, Gujarat, India

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

Lat 22.995121°

Long 72.613647°

26/02/22 09:09 AM



GPS Map Camera

आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

FALGUNI TUSHAR KUMBHARE

RAJENDRABHAI GOVINDBHAI NIKHARE

11/07/1984

Permanent Account Number

AIJPN7742H

*falguni*

Signature





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

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

Patient Name : Falguni Tushar Kumbhare  
Sample No.. : 8462  
Reffered : Bank Of Baroda

Age/Sex : 37 Years/Female  
Registration On:26/02/2022/11:11  
Approved On :26/02/2022 17:18

**BLOOD GROUP**

<b><u>Test</u></b>	<b><u>Result</u></b>
BLOOD GROUP	: "O"
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 : Falguni Tushar Kumbhare  
Sample No.. : 8462  
Reffered : Bank Of Baroda

Age/Sex : 37 Years/Female  
Registration On:26/02/2022/11:11  
Approved On :26/02/2022 17:18

## Lipid Profile

Specimen :SERUM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Interval</u>
<b>S. Cholesterol:</b> (CHOD-POD)	142.54	mg/dl	Normal :< 200 Borderline : 200 - 240 High : > 240
<b>Serum Triglycerides:</b> (GPO-POD)	84.83	mg/dl	Normal :Normal < 150 Borderline : 150 - 199 High : > 200
<b>HDL Cholesterol:</b> (Direct-Cholesterol Esterase HSDA)	43.18	mg/dl	40 - 60 mg/dl
<b>Serum LDL Cholesterol:</b> (Calculated)	82.39	mg/dl	Up to 150
<b>Serum VLDL Cholesterol:</b> (Calculated)	16.96	mg/dl	Up to 35
<b>LDLC/HDLC Ratio:</b> (Calculated)	1.91	mg/dl	Up to 3.4
<b>Cholesterol/HDLC Ratio:</b> (Calculated)	3.3	mg/dl	Up to 5.0
<b>Total Lipid:</b> (Calculated)	502.94	mg/dl	400 - 1000 mg/dl

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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)	90.57	mg/dl	70-110
<b>Post Prandial Blood Glucose:</b> (GOD-POD)	137.09	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)	5.1	%	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>99.67</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 - **1.006**

### CHEMICAL :

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

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

Pus Cells - **1 - 2 /h.p.f.**  
Red Cells - **Not seen /h.p.f.**  
Epithelial Cells - **4 - 6 /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>	0.69	mg/dl	up to 1.2
<b>S. Bilirubin (Direct):</b> <small>(Photometric DC Diazo)</small>	0.20	mg/dl	up to 0.2
<b>S. Bilirubin (Indirect):</b> <small>(Calculated)</small>	0.49	mg/dl	up to 1.0
<b>SGPT(ALT)</b> <small>(UV Kinetic)</small>	52.93	U/L	up to 42
<b>SGOT (AST)</b> <small>(UV Kinetic)</small>	29.11	U/L	up to 40
<b>GGT</b> <small>(Optimized kinetic color test IFCC)</small>	16.92	U/L	09 - 36
<b>Total Proteins:</b> <small>(Biuret)</small>	6.99	g/dl	6.0 - 8.3
<b>Albumin</b> <small>(BCG)</small>	4.43	g/dl	3.5 - 5.2
<b>Globulins:</b> <small>(Calculated)</small>	2.56	g/dl	2.4 - 3.7
<b>AGRATIO:</b> <small>(Calculated)</small>	1.73		
<b>S. Alkaline Phosphatase:</b> <small>(Colorimetric Optimized Kinetic IFCC)</small>	71.5	U/L	40 - 129

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### Thyroid Functions

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
T3-Triodothyronine	: <b>1.12</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>3.38</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	14.0	g/dL	12 - 15
R.B.C Count	Electrical impedance	4.86	mill/cmm	3.8 - 4.8
W.B.C Count	Electrical impedance	11.20	10 <sup>3</sup> /uL	4.0 - 10.0
Platelet Count	Electrical impedance	397.2	10 <sup>3</sup> /uL	150 - 450
<b><u>DIFFERENTIAL COUNT</u></b>				
Polymorphs	Microscopic	69	%	60 - 70
Lymphocytes	Microscopic	28	%	20 - 40
Eosinophils	Microscopic	01	%	1 - 6
Monocytes	Microscopic	02	%	2 - 10
Basophils	Microscopic	00	%	0 - 2
<b><u>BLOOD INDISES</u></b>				
HCT	Rbc Histogram	43.5	%	36 - 46
MCV	Calculated	89.5	fl	80 - 100
MCH	Calculated	28.8	pg	27 - 32
MCHC	Calculated	32.2	g/dl	32 - 36
RDW-CV	Calculated	12.9	%	10 - 16.5

### **PERIPHERAL SMEAR EXAMINATION**

SMEAR Platelets: Adequate

### **Erythrocyte sedimentation rate**

ESR AT 1 hour westergren 05

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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>	0.93	mg/dl	0.5 - 1.1 mg/dl
<b>Urea:</b> <small>(GLDH)</small>	17.53	mg/dl	10 - 50 mg/dl
<b>S. Uric Acid:</b> <small>(Uricase-POD)</small>	4.87	mg/dl	2.4 - 6.2 mg/dl
<b>Blood Urea Nitrogen:</b> <small>(Calculated)</small>	8.19	mg/dl	08 - 23 mg/dl
<b>Bun/Creat Ratio:</b> <small>(Calculated)</small>	8.81		

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