



PRAMUKH

MULTI SPECIALITY

HOSPITAL

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

MEDICAL EXAMINATION

DATE :- 7 July 2021

NAME :- MANMOHAN SINGH KAITURA

AGE /SEX :- 35 / MALE

O/E:

T: Normal

BP: 130/80 mm Hg.

P:

RS: BA ⊕

SPO2: 97% on RA.

CNS: Con/021

CVS: S1 ⊕ S2 ⊕

P/A: Soft

ADV:

Height: 156

Weight: 74

BMI: 30.4

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.



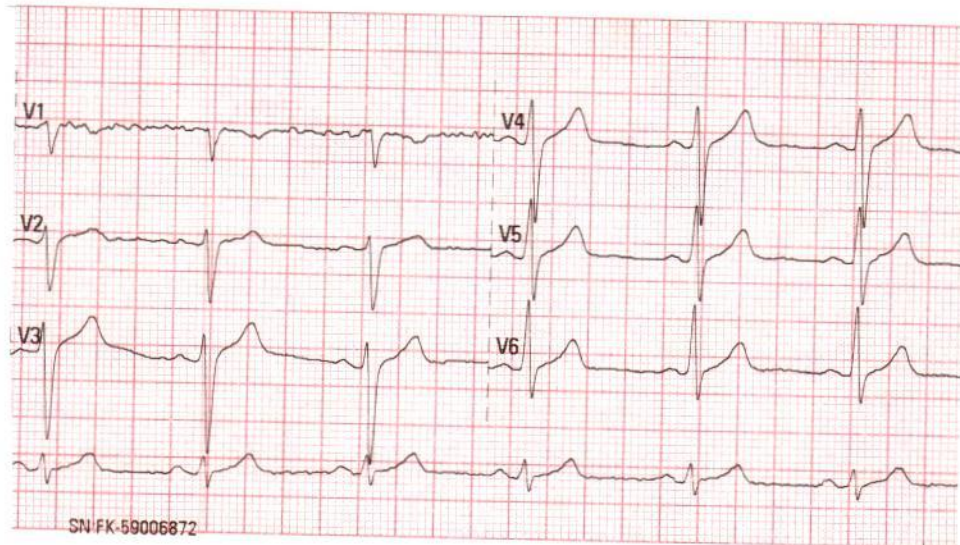
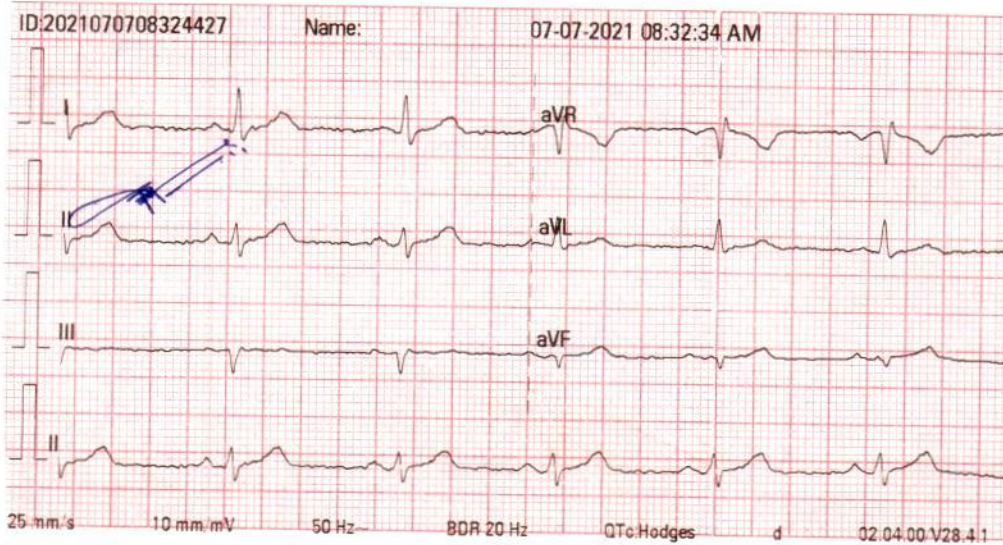
MANMOHAN SINGH KAINURA
35 YRS / MALE

PRAMUKH
MULTI SPECIALITY

HOSPITAL

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

07 July 2021



Handwritten notes: "HSA" and "P-70".

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

HELP LINE No.

7227971927



बैंक ऑफ़ बड़ोदा
Bank of Baroda
India's International Bank

नाम

Name

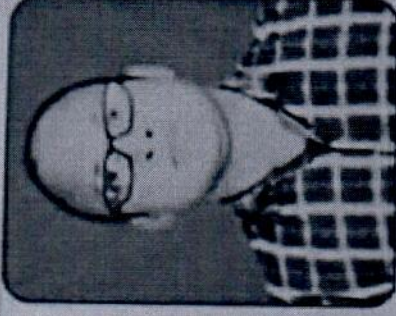
कर्मचारी कूट क्र

E.C. No.

मनमोहन सिंह कैन्तुरा

MANMOHAN SINGH KAINATURA

103041



जारीकर्ता प्राधिकारी
Issuing Authority

धारक के हस्ताक्षर
Signature Holder's



NAME: MANMOHANSINGH KAITURA

M/35YRS.

DATE: 07/07/2021

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.



NAME: MANMOHANSINGH KAINURA

M/35YRS.

DATE: 07/07/2021

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.

Amisha
DR. AMISHA PATEL
M.D.





Summary

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

490/MANMOHAN SINGH 35 Yrs/Male 74 Kg/156 Cms

Date: 07-Jul-2021 08:50:20 AM

Protocol : BRUCE

History : TAKING ALCOHOL ONCE A MONTH SINCE 10 YEARS.

Ref. By : BOB
Medication : NO
Objective : NO

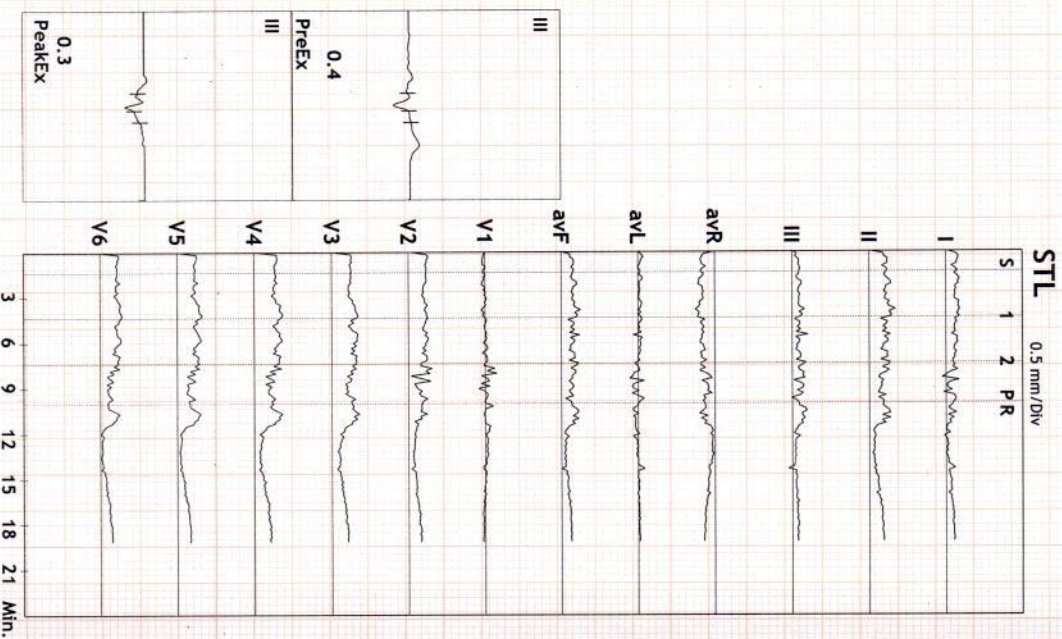
Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METS	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	83	130/80	107	-	
Standing					1.0	84	130/80	109	-	
HV					1.0	85	130/80	110	-	
ExStart					1.0	82	130/80	106	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	117	140/90	163	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	133	140/90	186	-	
PeakEx	2:39	8:40	3.4	14.0	9.8	163	142/90	231	-	
Recovery	1:00		0.0	0.0	1.1	108	142/90	153	-	
Recovery	4:00		0.0	0.0	1.0	84	130/80	109	-	
Recovery	7:00		0.0	0.0	1.0	86	128/88	110	-	

Findings :

Exercise Time : 8:39 minutes
 Max HR attained : 163 bpm 88% of Max Predictable HR 185
 Max BP : 142/90(mmHg)
 Workload attained : 9.8 (Good 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.
 TARGET HR ACHIEVED.
 MAX HR.



Advice/Comments:



DR. KAMLESH N. SHAH

M.D. (FICA-USA)

Reg. No. G-1345

PRAMUKH NUDRIKAMLESH NOSHAIH

MANINAGAR, AHMEDABAD.



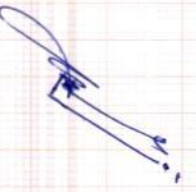
ST Summary

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

490/MANMOHAN SINGH 35 Yrs/Male 74 Kg/156 Cms
 Date: 07-Jul-2021 08:50:20 AM

Protocol : BRUCE

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6		
STL (mm) 60 mSecs Post J	Supine	0.7	1.1	0.4	-0.9	0.1	0.8	-0.2	1.2	1.3	1.4	1.2	1.1	
	Standing	0.7	1.1	0.4	-0.9	0.1	0.8	-0.2	1.2	1.3	1.4	1.2	1.1	
	HV	0.7	1.1	0.4	-0.9	0.1	0.8	-0.2	1.2	1.3	1.4	1.2	1.1	
	ExStart	0.7	1.1	0.4	-0.9	0.1	0.8	-0.2	1.1	1.2	1.3	1.1	1.1	
	Stage 1	0.9	1.4	0.5	-1.1	0.2	0.9	-0.1	1.2	1.6	1.7	1.5	1.4	
	Stage 2	0.4	1.3	0.9	-0.9	-0.2	1.1	0.0	0.8	1.6	1.6	1.4	1.2	
	PeakX	0.6	0.9	0.3	-0.8	0.1	0.6	0.0	1.0	1.3	1.1	0.7	0.5	
	Recovery	0.1	0.8	0.7	-0.5	-0.3	0.8	0.0	0.8	1.4	1.6	1.4	1.1	
	Recovery	0.2	0.3	0.2	-0.2	0.0	0.3	0.1	0.3	0.5	0.3	0.2	0.1	
	Recovery	0.4	0.8	0.4	-0.6	0.0	0.5	-0.1	0.7	0.9	0.9	0.7	0.7	
	STS mV/Sec.	Supine	1.1	1.5	0.4	-1.4	0.4	1.0	-0.2	2.4	3.1	3.6	3.3	2.1
		Standing	1.1	1.5	0.4	-1.4	0.4	1.0	-0.2	2.4	3.1	3.6	3.3	2.1
		HV	1.1	1.5	0.4	-1.4	0.4	1.0	-0.2	2.4	3.1	3.6	3.3	2.1
ExStart		1.0	1.4	0.4	-1.3	0.3	0.9	-0.1	2.4	3.1	3.4	3.2	1.9	
Stage 1		1.5	2.2	0.7	-2.0	0.4	1.4	-0.4	2.4	3.3	3.7	3.7	2.5	
Stage 2		1.4	2.2	0.8	-1.9	0.3	1.5	-0.3	2.3	3.5	4.0	3.9	2.7	
PeakX		1.6	2.9	1.3	-2.4	0.2	2.1	-0.7	2.6	4.1	4.6	4.4	2.9	
Recovery		1.6	2.8	1.2	-2.4	0.2	2.0	-0.4	2.5	3.8	4.6	4.4	3.2	
Recovery		1.2	1.7	0.6	-1.7	0.3	1.2	-0.3	2.1	3.0	3.5	3.2	1.9	
Recovery		1.1	1.7	0.6	-1.6	0.3	1.1	-0.4	2.0	3.0	3.4	3.4	1.9	
STI μ Vs		Supine	2.8	4.5	1.5	-3.5	0.7	3.0	-0.4	4.1	4.0	4.2	3.3	3.8
		Standing	2.8	4.5	1.5	-3.5	0.7	3.0	-0.4	4.1	4.0	4.2	3.3	3.8
		HV	2.8	4.5	1.5	-3.5	0.7	3.0	-0.4	4.1	4.0	4.2	3.3	3.8
	ExStart	2.8	4.4	1.7	-3.6	0.5	3.0	-0.2	4.0	3.9	3.8	2.9	3.9	
	Stage 1	2.4	4.1	1.6	-3.2	0.5	2.8	0.7	4.6	5.8	5.5	4.7	4.6	
	Stage 2	0.8	4.5	3.6	-2.5	-1.5	4.1	0.8	2.0	5.0	4.1	3.4	3.0	
	PeakX	1.6	0.5	-1.0	-0.9	1.2	-0.3	1.4	2.5	2.5	0.7	-1.3	-1.3	
	Recovery	-1.6	0.5	2.0	0.8	-1.8	1.3	0.9	1.6	3.3	3.1	2.0	1.3	
	Recovery	-0.5	-0.2	0.4	0.5	-0.4	0.1	1.3	0.0	0.1	-1.6	-2.3	-1.6	
	Recovery	1.1	2.3	1.3	-1.6	0.0	1.7	0.5	2.0	2.2	1.7	0.6	1.4	





Linked Medians Report

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

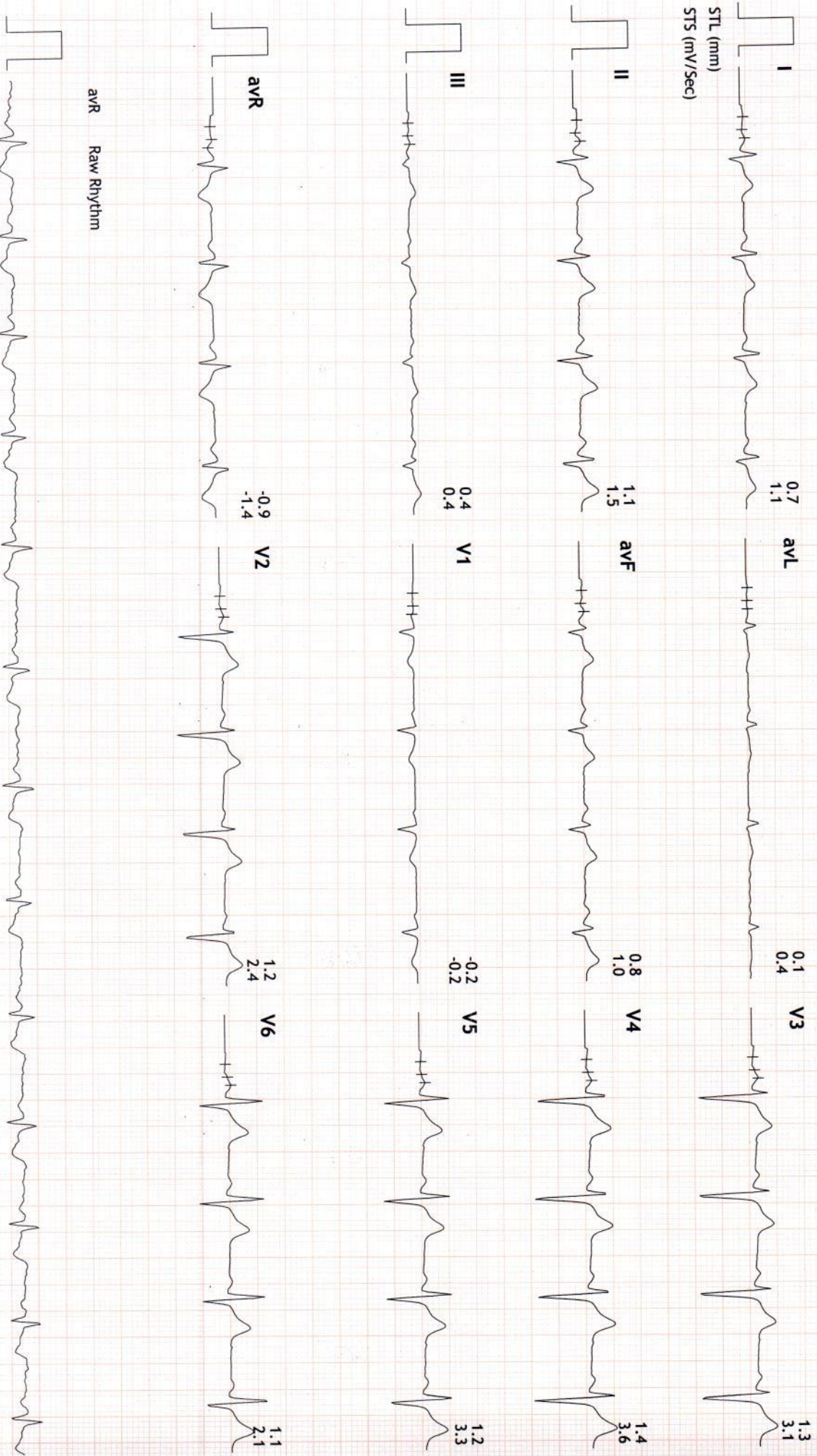
490/MANMOHAN SINGH HR: 83 bpm
35 Yrs/Male METS: 1.0
74 Kg/156 Cms BP: 130/80
Date: 07-Jul-2021 08:50:20 AM

MPHR: 44% of 185
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 00:42
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.

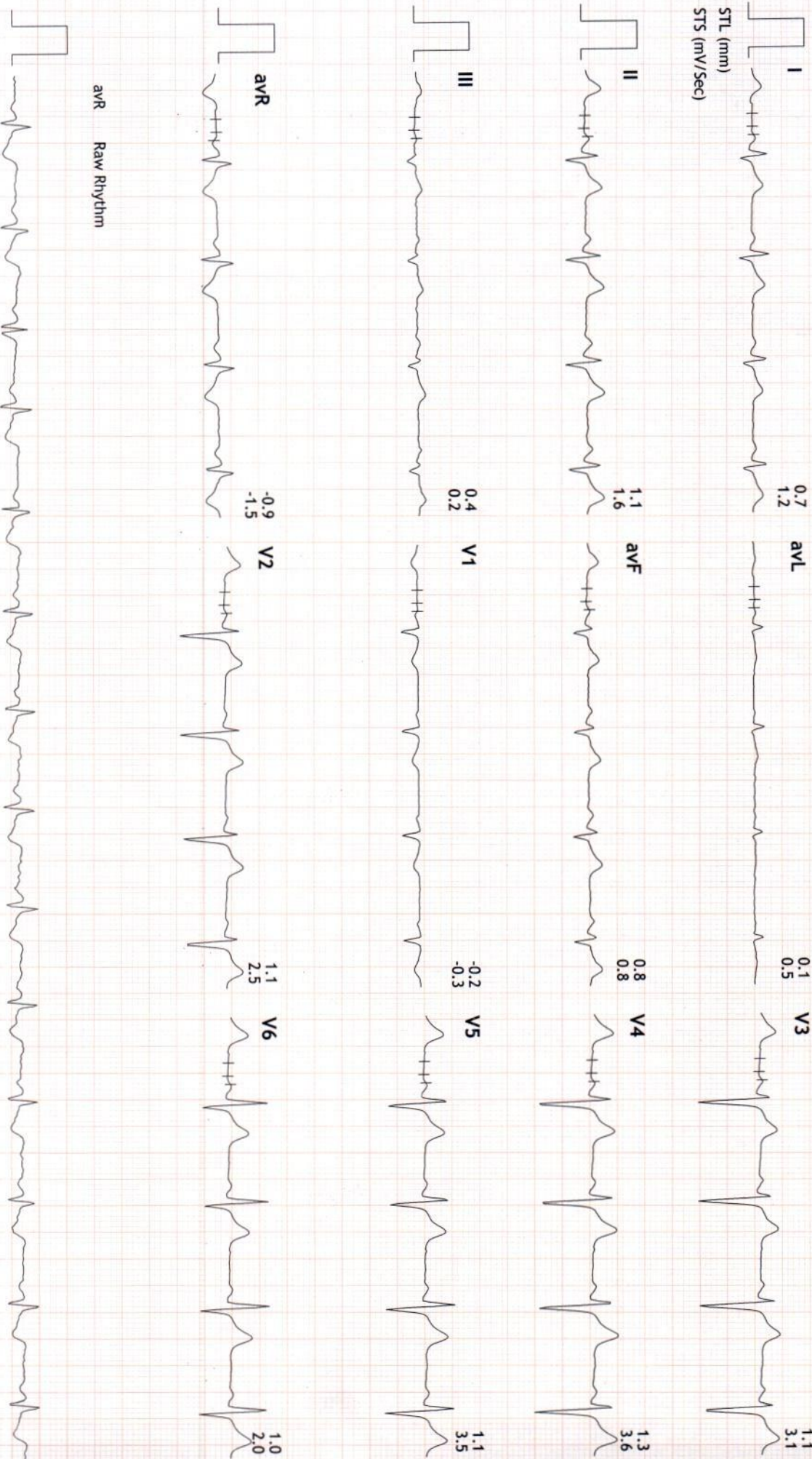
490/MANMOHAN SINGH HR: 84 bpm
35 Yrs/Male METS: 1.0
74 Kg/156 Cms BP: 130/80
Date: 07-Jul-2021 08:50:20 AM

MPHR:45% of 185
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 00:46
BLC : On
Notch : On

STANDING
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

490/MANMOHAN SINGH HR: 84 bpm
35 Yrs/Male METS: 1.0
74 Kg/156 Cms BP: 130/80
Date: 07-Jul-2021 08:50:20 AM

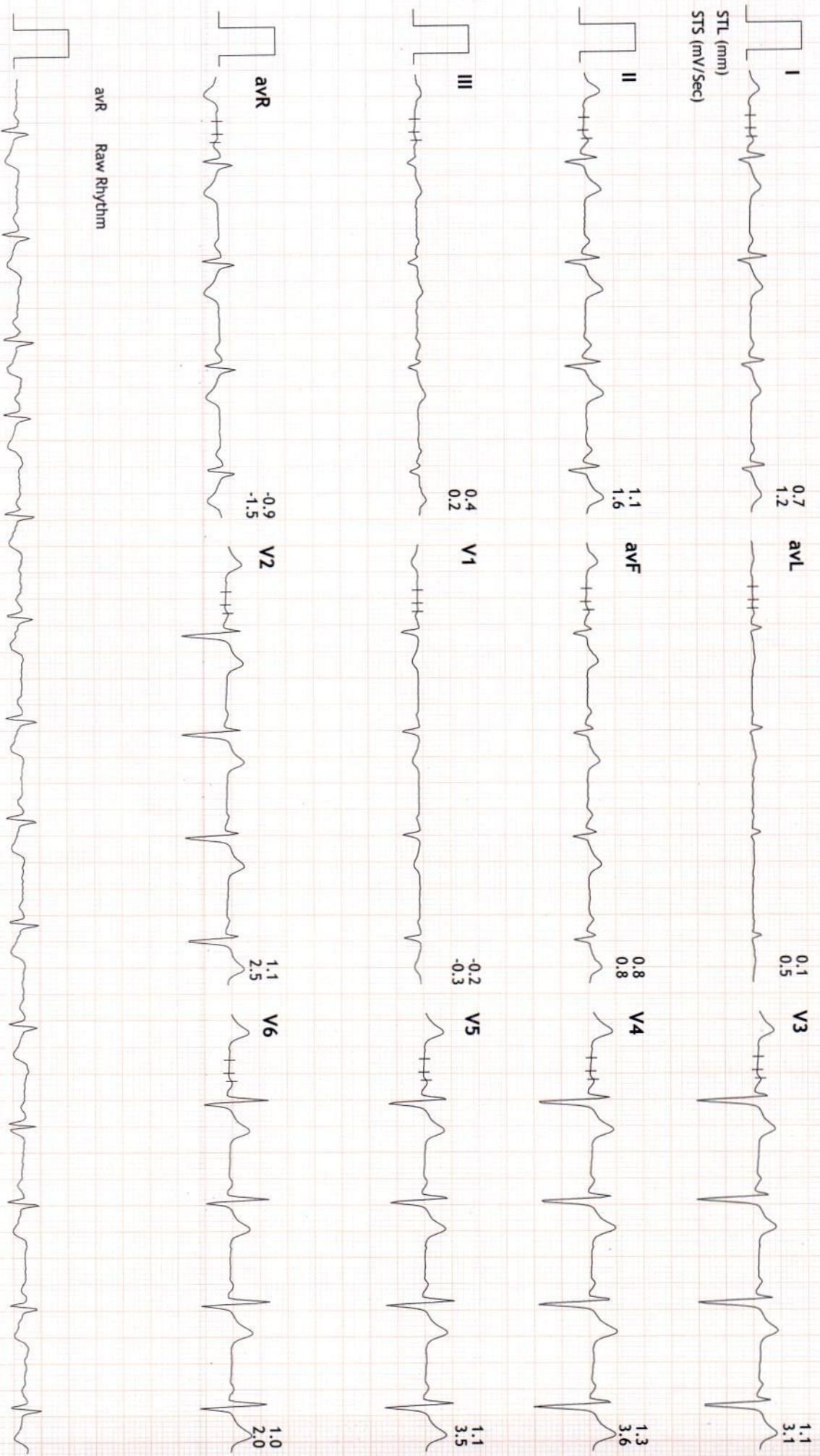
PRAMUKH MULTI SPECIALITY HOSPITAL
NR. RAILWAY CROSSING, MANINAGAR (E) Ahm. 08.

MPHR: 45% of 185
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 00:50
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.

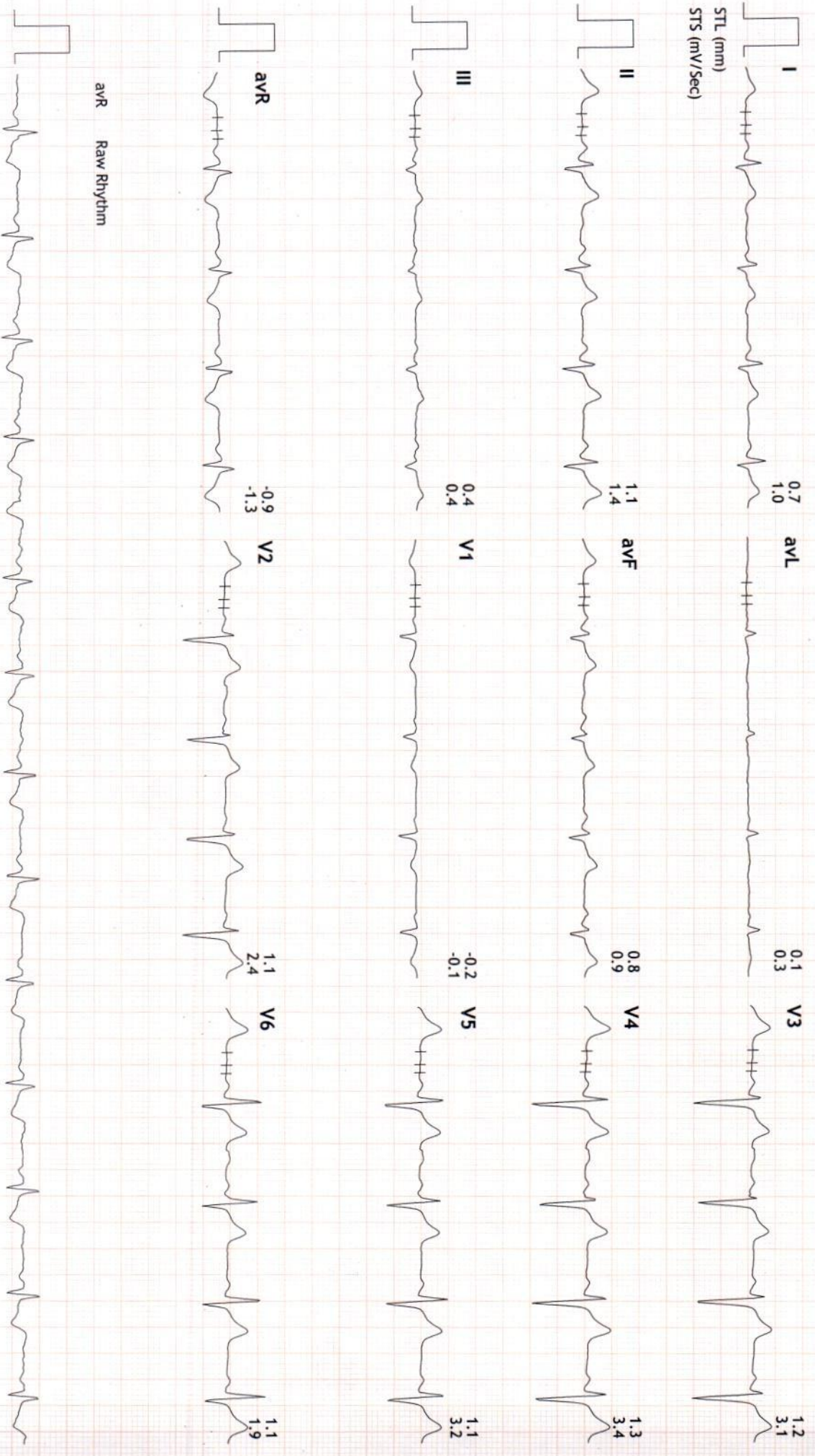
490/MANMOHAN SINGH HR: 82 bpm
35 Yrs/Male METS: 1.0
74 Kg/156 Cms BP: 130/80
Date: 07-Jul-2021 08:50:20 AM

MpHR: 44% of 185
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.

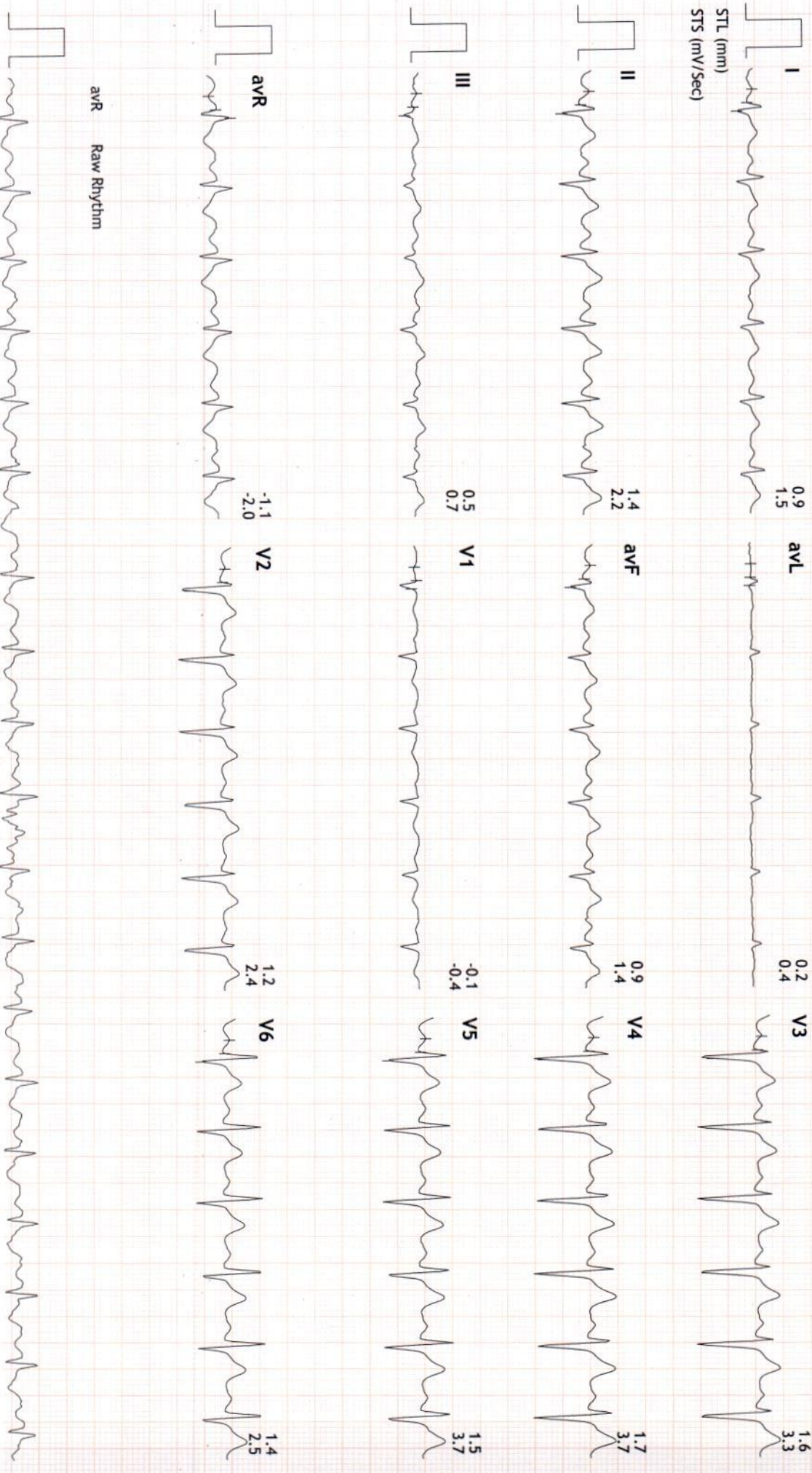
490/MANMOHAN SINGH HR: 117 bpm
35 Yrs/Male METS: 4.7
74 Kg/156 Cms BP: 140/90
Date: 07-Jul-2021 08:50:20 AM

MPHR: 63% of 185
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) Amm. 08.

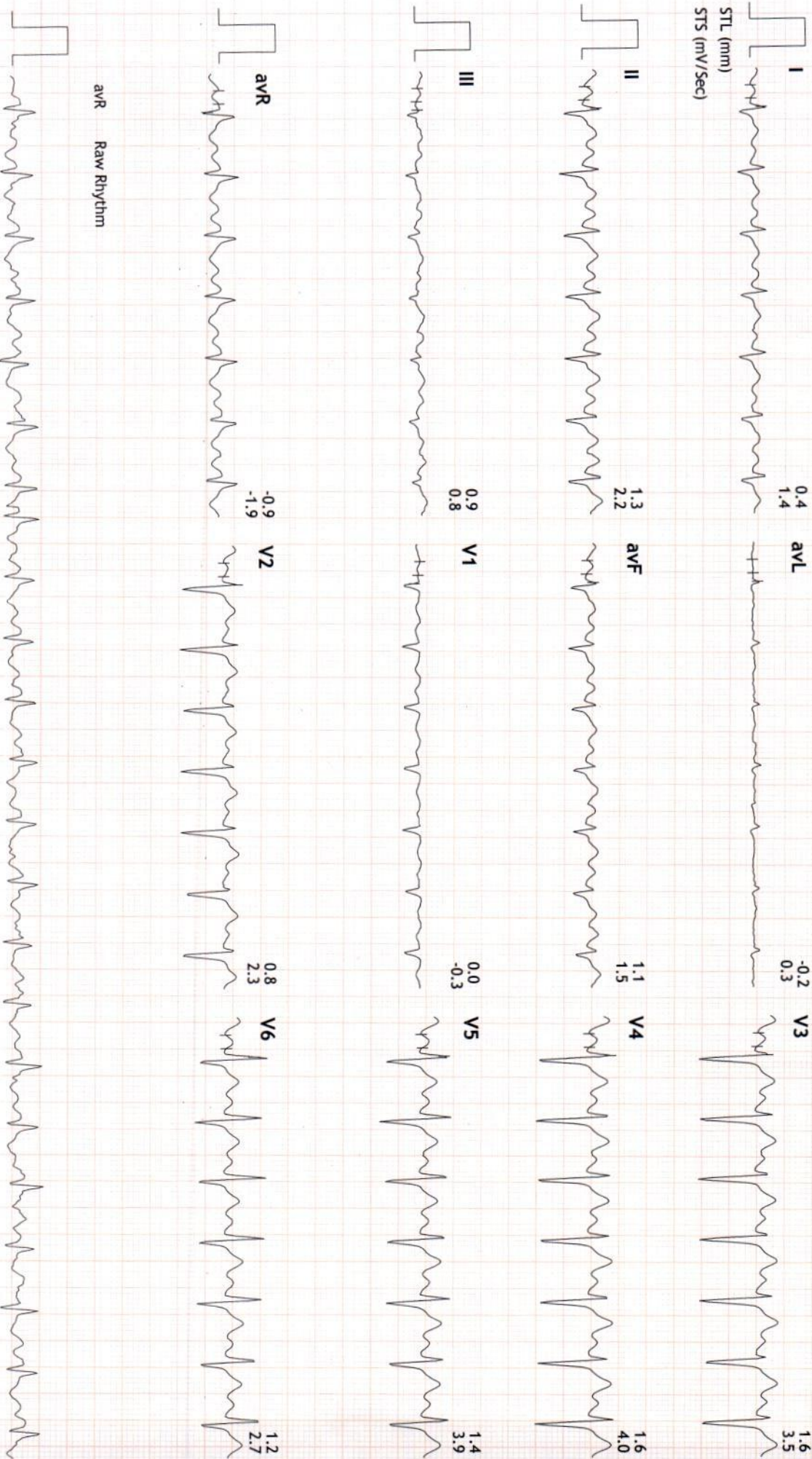
490/MANMOHAN SINGH HR: 133 bpm
35 Yrs/Male METS: 7.1
74 Kg/156 Cms BP: 140/90
Date: 07-Jul-2021 08:50:20 AM

MPHR: 71% of 185
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.

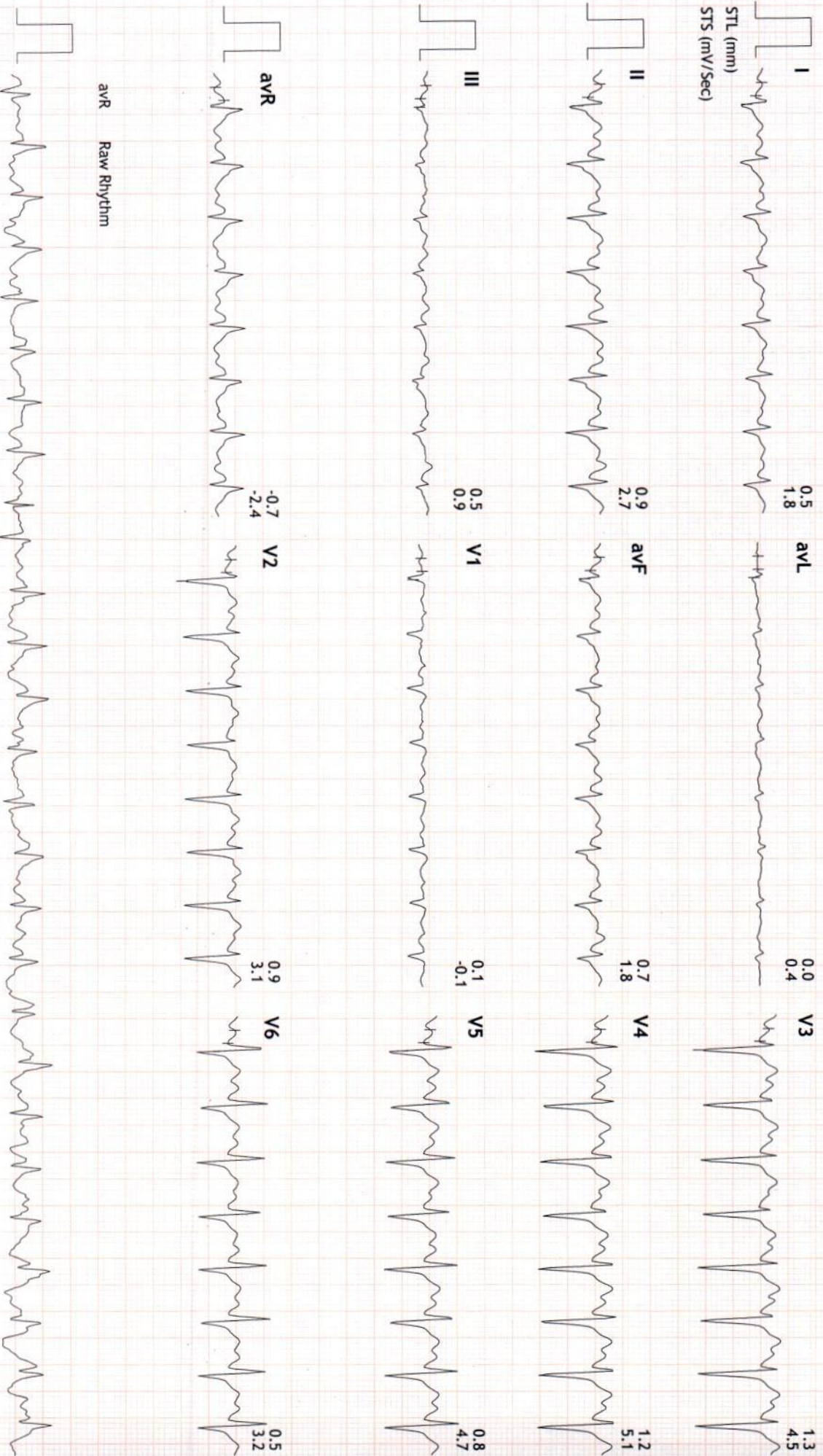
490/MANMOHAN SINGH HR: 163 bpm
35 Yrs/Male METS: 9.8
74 Kg/156 Cms BP: 142/90
Date: 07-Jul-2021 08:50:20 AM

MPHR:88% of 185
Speed: 3.4 mph
Grade: 14.0%

BRUCE
(1.0-100)Hz

Ex Time 08:38
BLC :On
Notch :On

PeakX
10.0 mm/mV
25 mm/Sec.



avR Raw Rhythm



Linked Medians Report

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

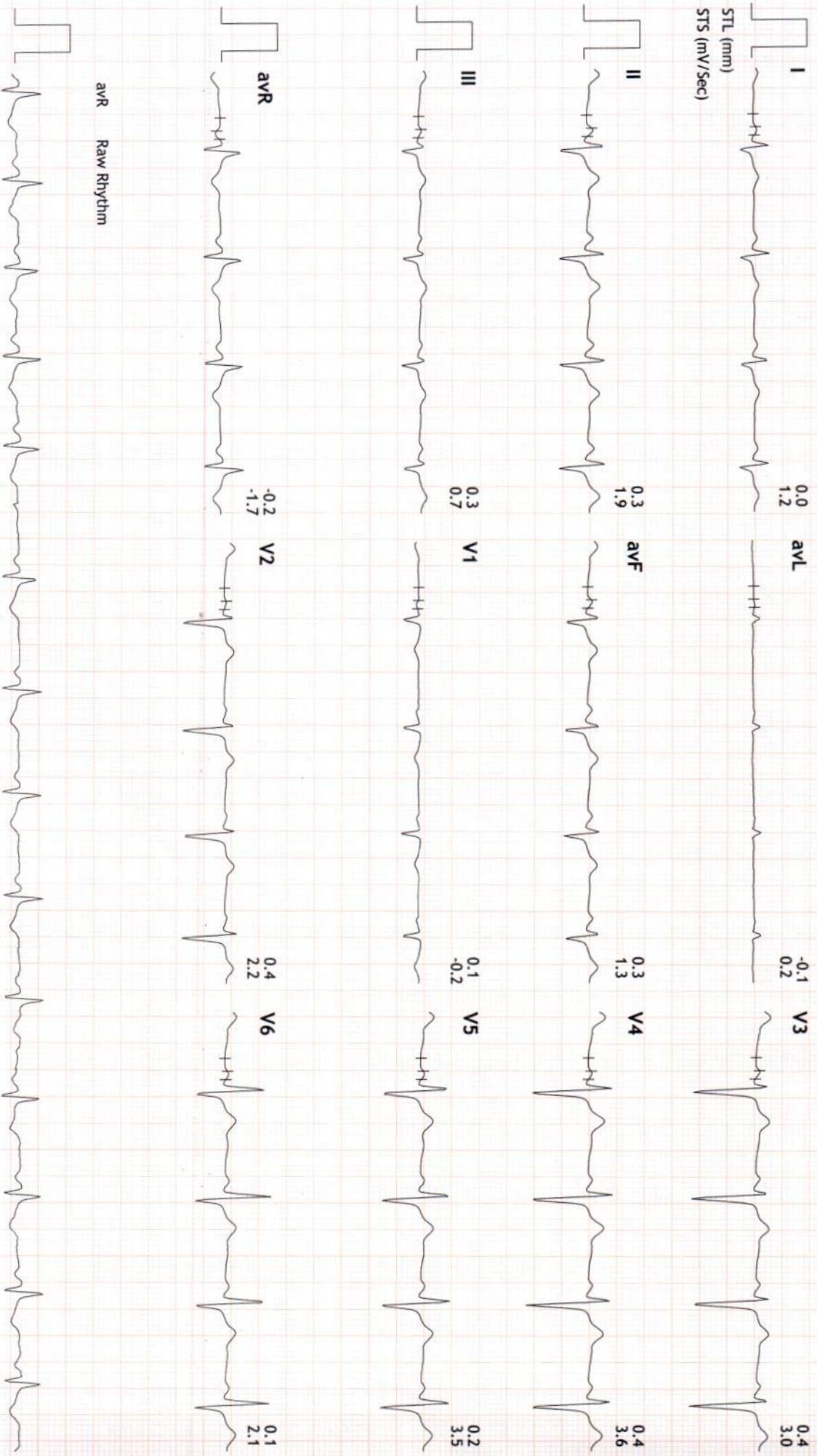
490/MANMOHAN SINGH HR: 94 bpm
35 Yrs/Male METS: 1.0
74 Kg/156 Cms BP: 130/80
Date: 07-Jul-2021 08:50:20 AM

MPHR: 50% of 185
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 08:38
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.

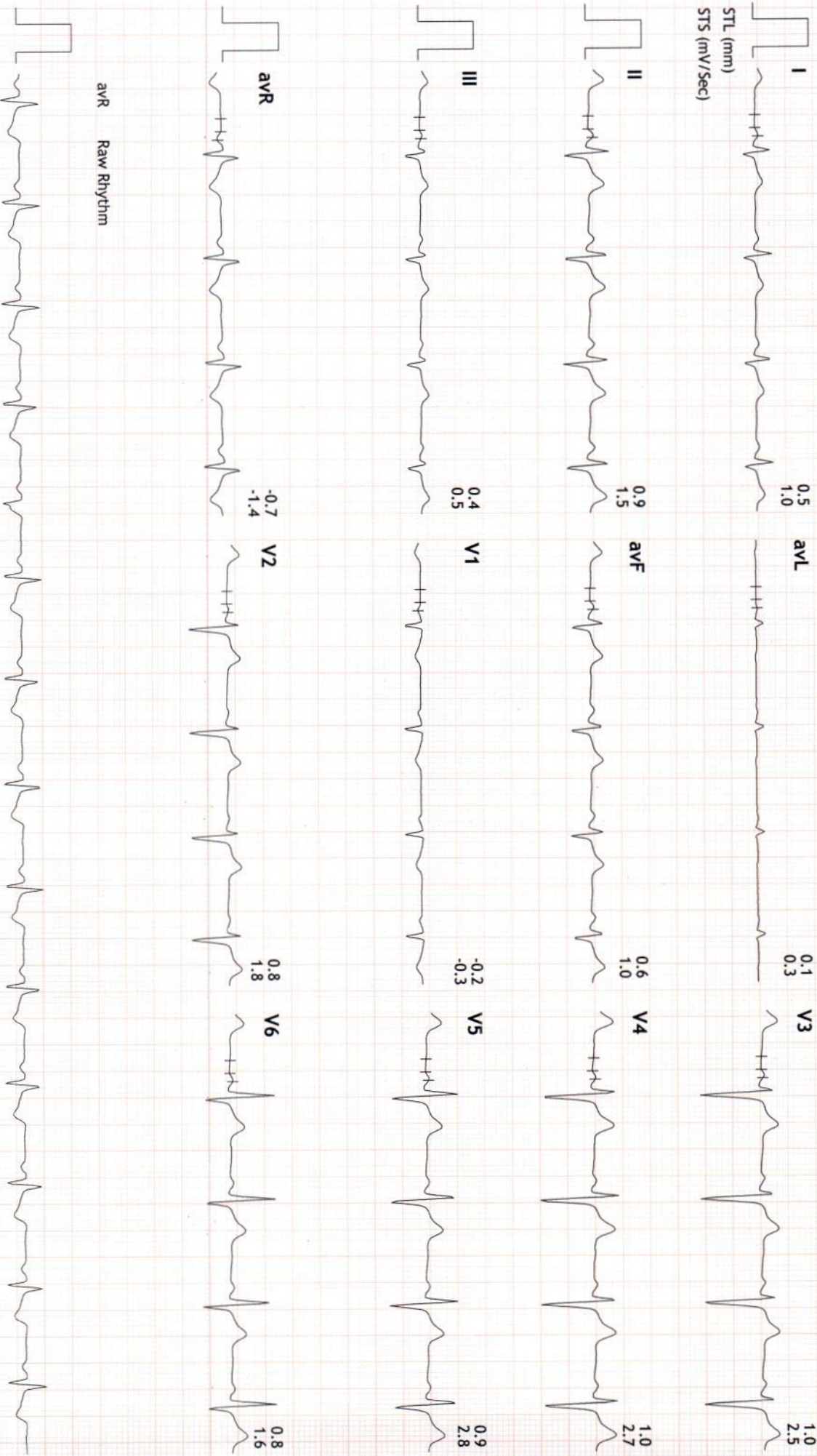
490/MANMOHAN SINGH HR: 83 bpm
35 Yrs/Male METS: 1.0
74 Kg/156 Cms BP: 128/88
Date: 07-Jul-2021 08:50:20 AM

MPHR: 44% of 185
Speed: 0.0 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 08:38
BLC : On
Notch : On

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





PRAMUKH
MULTI SPECIALITY
HOSPITAL

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

Patient Name : Manmohan Singh Kaintura
Sample No.. : 6416
Referred : C/o. Bank Of Baroda

Age/Sex : 35 Years/Male
Registration On:07/07/2021/12:29
Approved On :07/07/2021 15:06

HAEMOGRAM REPORT

Sample Type :-EDTA

<u>TESTS</u>	<u>RESULT</u>	<u>UNITS</u>	<u>REFERENCE RANGE</u>
BLOOD COUNTS:			
Haemoglobin	14.4	g/dL	11 to 16 g/dL
R.B.C. Count	4.88	mill./c.mm	4.5-6.5 mill./cmm
W.B.C. Count	6700	/c.mm	4,000 - 11,000/cmm
Platelet Count	296000		1,40,000 - 4,50,000 /cmm
DIFFERENTIAL COUNT:			
Polymorphs	64	%	60 - 70
Lymphocytes	31	%	20 - 40
Eosoniphils	02	%	1 - 4
Monocytes	03	%	2 - 6
Basophils	00	%	0 - 1
BLOOD INDICES:			
P.C.V.	43.6	%	38 - 44
M.C.V.	89.3	fl	80 - 96
M.C.H.	29.5	pg	27 - 31
M.C.H.C.	33	g/dl	32 - 36

Platelet Adequate

E.S.R. (Western Grain Method)

At 1Hour 07 mm

01 to 12 mm/Hour

PATHOLOGIST
Dr. Satishkumar Patel
M.D., Patho
Reg No :G-6486



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Patient Name : Manmohan Singh Kaintura
Sample No.. : 6416
Referred : C/o. Bank Of Baroda

Age/Sex : 35 Years/Male
Registration On:07/07/2021/12:29
Approved On :07/07/2021 14:41

BLOOD SUGAR LEVEL

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Fasting Blood Sugar:	75.2	mg/dl	70-110
Post Prandial Blood Glucose:	111.6	mg/dl	100 - 150 mg/dl

BLOOD GROUP

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

PATHOLOGIST
Dr.Satishkumar Patel
M.D.,Patho
Reg No :G-6486



PRAMUKH
MULTI SPECIALITY
HOSPITAL

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Patient Name : Manmohan Singh Kaintura
Sample No.. : 6416
Referred : C/o. Bank Of Baroda

Age/Sex : 35 Years/Male
Registration On:07/07/2021/12:29
Approved On :07/07/2021 15:06

LIPID PROFILE

Sample :- SERUM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S. Cholesterol:	210.13	mg/dl	Desirable : < 200 Borderline High : 200 - 239 High : > 240
Serum Triglycerides:	100.77	mg/dl	Normal : Normal < 150 Borderline : 150 - 199 High : > 200
HDL Cholesterol:	55.14	mg/dl	40 - 60 mg/dl
Serum LDL Cholesterol: (Calculated)	134.836	mg/dl	Up to 150
Serum VLDL Cholesterol: (Calculated)	20.154	mg/dl	Up to 35
LDLC/HDLC Ratio: (Calculated)	2.45	mg/dl	Up to 3.4
Cholesterol/HDLC Ratio: (Calculated)	3.81	mg/dl	Up to 5.0
Total Lipid: (Calculated)	650.876	mg/dl	400 - 1000 mg/dl

PATHOLOGIST
Dr.Satishkumar Patel
M.D.,Patho
Reg No :G-6486



PRAMUKH
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HOSPITAL

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

Patient Name : Manmohan Singh Kaintura
Sample No.. : 6416
Referred : C/o. Bank Of Baroda

Age/Sex : 35 Years/Male
Registration On:07/07/2021/12:29
Approved On :07/07/2021 16:12

LIVER FUNCTION TESTS

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S. Bilirubin (Total):	0.33	mg/dl	upto 1.2 mg/dl
S. Bilirubin (Direct):	0.08	mg/dl	upto 0.2 mg/dl
S. Bilirubin (Indirect):	0.25	mg/dl	up to 1.0 mg/dl
SGPT:	92.66	U/L	up to 42 IU/L
SGOT:	36.05	U/L	up to 40 U/L
GGT:	64.75	U/L	12 - 64 U/L
Total Proteins:	7.51	g/dl	6.0 - 8.3 g/dl
Albumin:	4.45	g/dl	3.5 - 5.2 g/dl
Globulins:	3.06	g/dl	2.4 - 3.7 g/dl
AGRATIO:	1.454		
S.Alkaline Phosphatase:	104	U/L	40 - 129 U/L

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PRAMUKH
MULTI SPECIALITY

HOSPITAL

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

Patient Name : Manmohan Singh Kaintura
Sample No.. : 6416
Referred : C/o. Bank Of Baroda

Age/Sex : 35 Years/Male
Registration On:07/07/2021/12:29
Approved On :07/07/2021 15:06

RENAL FUNCTION

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Sr. Creatinine:	0.63	mg/dl	0.6 - 1.4 mg/dl
Urea:	18.2	mg/dl	10 - 50 mg/dl
S. Uric Acid:	6.92	mg/dl	3.2 - 7.2 mg/dl
Blood Urea Nitrogen: (Calculated)	8.5	mg/dl	08 - 23 mg/dl
Bun/Creat Ratio: (Calculated)	13.4		

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Glycosylated HB (HBA1C)

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
HBA1C:	5.82 %	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: 120.3 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 200mg/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 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 glyemic 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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Thyroid Functions

<u>Test</u>	<u>Result</u>	<u>Normal Range</u>
T3-Triiodothyronine	: 1.28 ng/ml	0.6 - 1.80 ng/ml
T4-Thyroxine	: 8.7 mcg/dl	4.5 - 10.9 mcg/dl
TSH Thyroid Stimulating Hormone	: 2.60 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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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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