



Scientific Pathology

A ISO 9001: 2015 Certified Lab

S.V. SCIENTIFIC PATHOLOGY

Bharti Hospital

DR. SHIKHA VYAS

D.C.P. (PATH.)

R.NO. 52957/ 17.08.2006

Date 24/09/2022

SONKH ROAD, KRISHNA NAGAR, MATHURA

Name MR. RAJIV KUMAR

Srl No. 103

Ref. By BOB

Age 35 Yrs.

Sex M

OUT SIDE SAMPLE

Investigation Name

Result Value Unit

Biomedical Ref Range

HAEMATOLOGY - TEST REPORTC. B. C

Investigation Name	Result Value	Unit	Biomedical Ref Range
HAEMOGLOBIN (HB)	15.0	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTIC COUNT (TLC)	7,900	/cumm	4000 - 11000
<u>DIFFERENTIAL LEUCOCYTE COUNT (DLC)</u>			
NEUTROPHIL	50	%	40 - 80
LYMPHOCYTE	41	%	20 - 40
EOSINOPHIL	05	%	1 - 6
MONOCYTE	04	%	2 - 10
BASOPHIL	00	%	1 - 2
R B C	4.89	millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	45.7	%	40.0 - 50.0
M C V	93.5	fl.	82.0 - 101.0
M C H	30.7	picogram	27.0 - 32.0
M C H C	32.8	gm/dl	31.5 - 34.5
PLATELET COUNT	205	x10 ³ /μL	150 - 450
MEAN PLATELET VOLUME	10.3	fl	7.5 - 11.5
RDW-CV	14.9	%	11.5 - 14.5
ERYTHROCYTE SED.RATE(WGN) Automated Mini ESR	12	mm/1st hr.	0.00 - 15.0

BIOCHEMISTRY - TEST REPORT

BLOOD SUGAR FASTING

102.3

mg/dl

REFERENCE RANGE :

Normal

: < 110

Contd...2



All Tests have Technical Limitations. Collaborative clinicopathological Interpretation is mandatory. In Case of disparity Test may be repeated immediately. Test marked with an (*) are not accredited by NA

Mathura Lab Details :

Opp. Vipin Nursing Home, Shankar Vihar, Krishna Nagar, Mathura- 281004

Mob. ☎ 08954464646, ☎ 7055111414 | Email : svspathology@gmail.com

Website : www.svscientificpathology.com

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Risk Factor of Coronary Heart Disease.

Positive Risk Factors

1. Age - Males >45 Yrs.

Females >55 Yrs. or premature menopause

without estrogen replacement therapy.

2. Family history of premature coronary heart disease.

3. Cigarette smoking.

4. Hypertension (>140/90 mm Hg or on antihypertensive medication)

5. Low HDL Cholesterol <30 mg/dl

6. Diabetes mellitus

Negative Risk Factor

1. High HDL Cholesterol >60 mg/dl

BIOCHEMISTRY - TEST REPORT**L.F.T / LIVER FUNCTION TEST**

TOTAL BILIRUBIN

Reference range

3.12

mg/dl

0.20 - 1.00

Reference range according to Thomas

Total bilirubin : up to 1.1 mg/dl

Reference range according to Sherlock and Meites

Adults and children : up to 1.0 mg/dl

New born

Age of new born

24 hours

48 hours

3 - 5 days

Age of new born

24 hours

48 hours

3-5 days

Premature

1.0 - 6.0 mg/dl

6.0 - 8.0 mg/dl

10.0 - 15.0 mg/dl

Full term

2.0 - 6.0 mg/dl

6.0 - 7.0 mg/dl

4.0 - 12.0 mg/dl

CONJUGATED (D. Bilirubin)

2.03

mg/dl

0.1 - 0.4

UNCONJUGATED (I.D. Bilirubin)

1.09

mg/dl

0.2 - 0.7

TOTAL PROTEINS

7.45

gm/dl

6.0 - 8.2

Contd...4



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Investigation Name	Result Value	Unit	Biomedical Ref Range
ALBUMIN	4.63	gm/dl	3.5 - 5.2
GLOBULIN	2.82	gm/dl	2.3 - 3.5
A/G RATIO	1.642	gm/dl	0.8 - 2.0
S.G.O.T (AST)	105.8	U/L	0.0 - 35.0
S G.P.T (ALT)	100.2	U/L	0.0 - 45.0
ALKALINE PHOSPHATASE OPTIMIZED	98.7	U/L	0 - 0

Expected Values :

Aged 1 Day	< 250 U/L
Aged 2 to 5 Days	< 231 U/L
Aged 6 Days to 6 Months	< 449 U/L
Aged 7 Months to 1 Year	< 426 U/L
Aged 1 - 3 Yrs	< 281 U/L
Aged 4 - 6 Yrs	< 269 U/L
Aged 7 - 12 Yrs	< 300 U/L
Aged 13 - 17 Yrs (Male)	< 390 U/L
Aged 13 - 17 Yrs (Female)	< 187 U/L
Men (Adult)	40 - 129 U/L
Women (Adult)	35 - 104 U/L

GGTP	32.00	U/L	0.80 - 55.0
K.F.T / KIDNEY FUNCTION TEST			
BLOOD UREA	26.9	mg /dl	15.0 - 45.0
CREATININE	0.72	mg/dl	0.70 - 1.30

Neonates (premature): 0.29 - 1.04
 Neonates (Full term): 0.24 - 0.85
 2 - 12 Months : 0.17 - 0.42
 1 - <3 Yrs : 0.24 - 0.41
 3 - <5 Yrs : 0.31 - 0.47
 5 - <7 Yrs : 0.32 - 0.59
 7 - <9 Yrs : 0.40 - 0.60
 9 - <11 Yrs : 0.39 - 0.73
 11 - <13 Yrs : 0.53 - 0.79

Contd...5



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Investigation Name

Result Value

Unit

Biomedical Ref Range

13 - <15 Yrs : 0.57 - 0.87

URIC ACID

4.40

mg/dl

3.4 - 7.20

INORGANIC PHOSPHORUS

3.46

mg/dl

2.7 - 4.5

BIOCHEMISTRY - TEST REPORT

S.SODIUM

141.2

mmol/L

137.0 - 145.0

S.POTASSIUM

4.40

mmol/L

3.6 - 5.0

CALCIUM

9.20

mg/dl

8.4 - 10.2

THYROID PROFILE

T3 ,T4 ,TSH

T3

1.17

ng/ml

0.87 - 1.78

Adults (>15 yrs) : 0.87 - 1.78

New born : 0.75 - 2.60

1 - 5 Yrs : 1.00 - 2.60

5 - 10 Yrs : 0.90 - 2.40

10 - 15 Yrs : 0.80 - 2.10

T4 (Thyroxin)

9.86

ug/dl

6.00 - 12.00

Adults : 6.00 - 12.00

1 - 3 days : 8.20 - 19.9

1 week : 6.00 - 15.9

1 - 12 month : 6.1 - 14.9

1 - 3 yrs : 6.80 - 13.5

3 - 10 yrs : 5.50 - 12.8

>10 Yrs : 6.00 - 12.00

TSH

1.42

μIU/ml

0.25 - 5.50

Contd...6



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Investigation Name	Result Value	Unit	Biomedical Ref Range
Test	Reference Group	Age	Reference Range Unit
TSH	Cord Blood		1.00 - 39.0 μ IU/ml
	1-4 Week		1.70 - 9.10 μ IU/ml
	1-12 Months		0.80 - 8.20 μ IU/ml
	1-5 Years		0.70 - 5.70 μ IU/ml
	6-10 Years		0.70 - 5.70 μ IU/ml
	11-15 Years		0.70 - 5.70 μ IU/ml
	16-20 Years		0.70 - 5.70 μ IU/ml

The test has been carried out in Fully Automated Immunoassay System VIDAS using ELFA (Enzyme Linked Fluorescence Assay) technology.

URINE EXAMINATION -TEST REPORT

PHYSICAL EXAMINATION

COLOUR	PALE YELLOW
TRANSPARENCY	TURBID
SPECIFIC GRAVITY	1.020
pH	6.0

CHEMICAL EXAMINATION

ALBUMIN	TRACE
REDUCING SUGAR	NIL
BILE SALTS	NEGATIVE
BILE PIGMENT	NEGATIVE
KETONE BODIES /ACETONE	NEGATIVE

MICROSCOPIC EXAMINATION

PUS CELLS	4-5	/HPF
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Contd...7



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EPITHELIAL CELLS

3-4 /HPF

RBC's

NIL /HPF

CRYSTALS

NIL

CASTS

NIL

BACTERIA

NIL

OTHERS

NIL

**** Report Completed****



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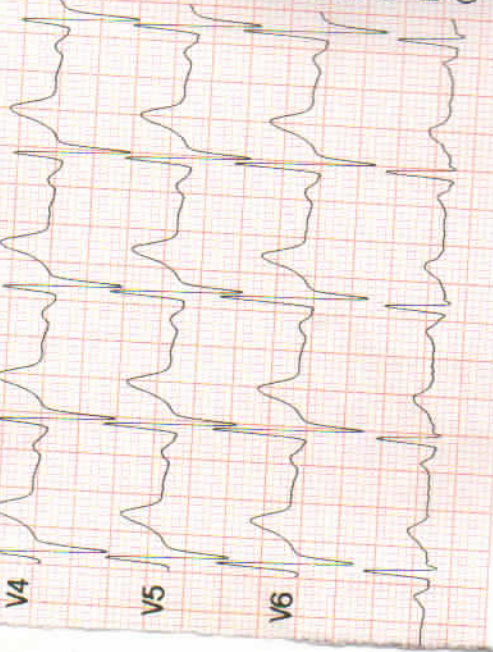
NOT VALID FOR
MEDICOLEGAL PURPOSE

ID : 20220924090705
 Name : **Rajeev**
 Sex : Male
 Age : 1
 HR : 86 bpm
 R-R : 674 ms
 P-R : 157 ms
 QRS : 105 ms
 QT/QTc : 356/426 ms
 P/QRST : 57/ 20/ 40 ms
 RV5/SV1 : 0.822/-0.668 mV
 RV5+SV1 : 0.154 mV
 QTcf : 0.528

001: Sinus Rhythm
 054: Non-specific Intra-ventricular Bloc
 175: Maybe Abnormal ECG

Reference Report Confirmed by:

09-24-2022 09:07:26



ID: 20220924090705 Name: _____

25mm/s 0.5-25Hz AC: 50Hz 10mm/mV

AVR

AVL

AVF

x1mv

x1mv

x1mv

x1mv

V1

V2

V3

Organization: _____

Doctor: _____

[Handwritten signature]

Protocol : BRUCE

Ref.By : BOB

Objective : FOR TESTING PURPOSE ONLY.

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	84	120/80	100	-	
Standing					1.0	80	120/80	96	-	
HV					1.0	85	120/80	102	-	
ExStart					1.0	85	120/80	102	-	
Stage 1	3:00	3:01	1.8	10.0	4.9	124	120/80	148	3	
Stage 2	3:00	6:01	2.5	12.0	7.1	108	130/80	140	5	
Stage 3	3:00	9:01	3.4	14.0	10.2	130	140/90	182	3	
PeakEx	1:14	10:15	4.2	16.0	11.6	145	140/90	203	-	
Recovery	1:00		1.1	0.0	4.3	120	140/90	168	1	
Recovery	1:54		1.1	0.0	1.0	112	150/90	168	-	

Medication : Nil**History : Nil****Test End Reason : Heart Rate cheived****Findings :**

The patient exercised according to _____ for 10:15, achieving a work level of Max METS:11.6. Resting heart rate initially 84 bpm, rose to a max. heart rate of 145 bpm which represents 85% of maximum age predicted heart rate. Resting blood pressure 120/80 mmhg, rose to a maximum blood Pressure of 140/90 mmhg. The exercise stress test was stopped due to Heart Rate cheived

Parameters :

Exercise Time :10:15
 Max HR Attained :145 bpm 85% of Target 170
 Max BP : 140/90(mmHg)
 Max WorkLoad attained :11.6(Good Effort Tolerance)

Advice/Comments:

12 Lead + Comparison

905 /MR. RAJIV KUMAR
 34 Yrs / Male
 86 Kg / 175 Cms
 24-Sep-2022 11:20:55 AM

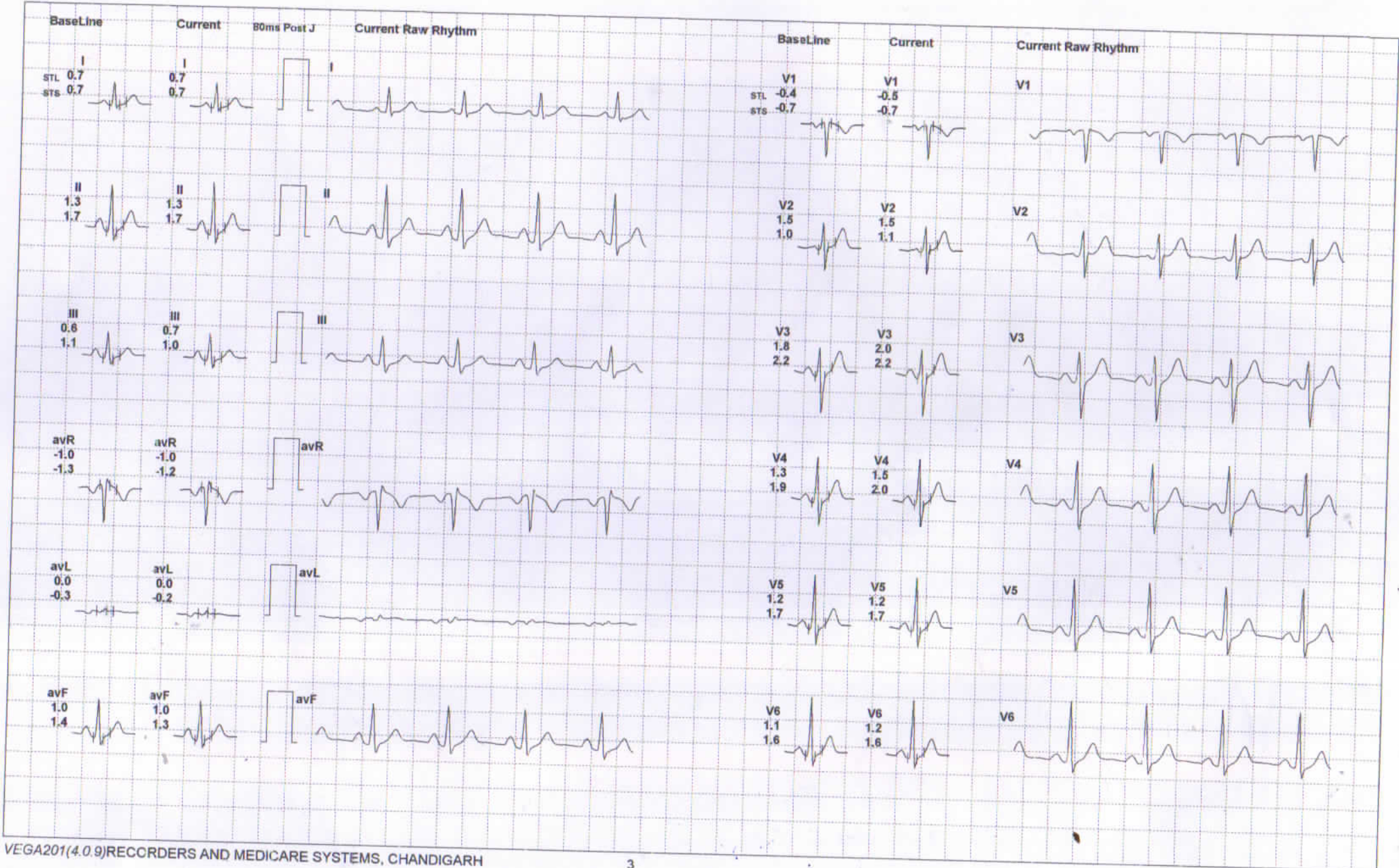
HR: 84 bpm
 METS: 1.0
 BP: 120/80

Trgt HR:49% of 170
 Speed: 0.0 mph,
 Grade: 0.0%

(0.05-100)Hz

Ex Time 00:01
 BLC :On
 Notch :On

Supine
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

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 24-Sep-2022 11:20:55 AM

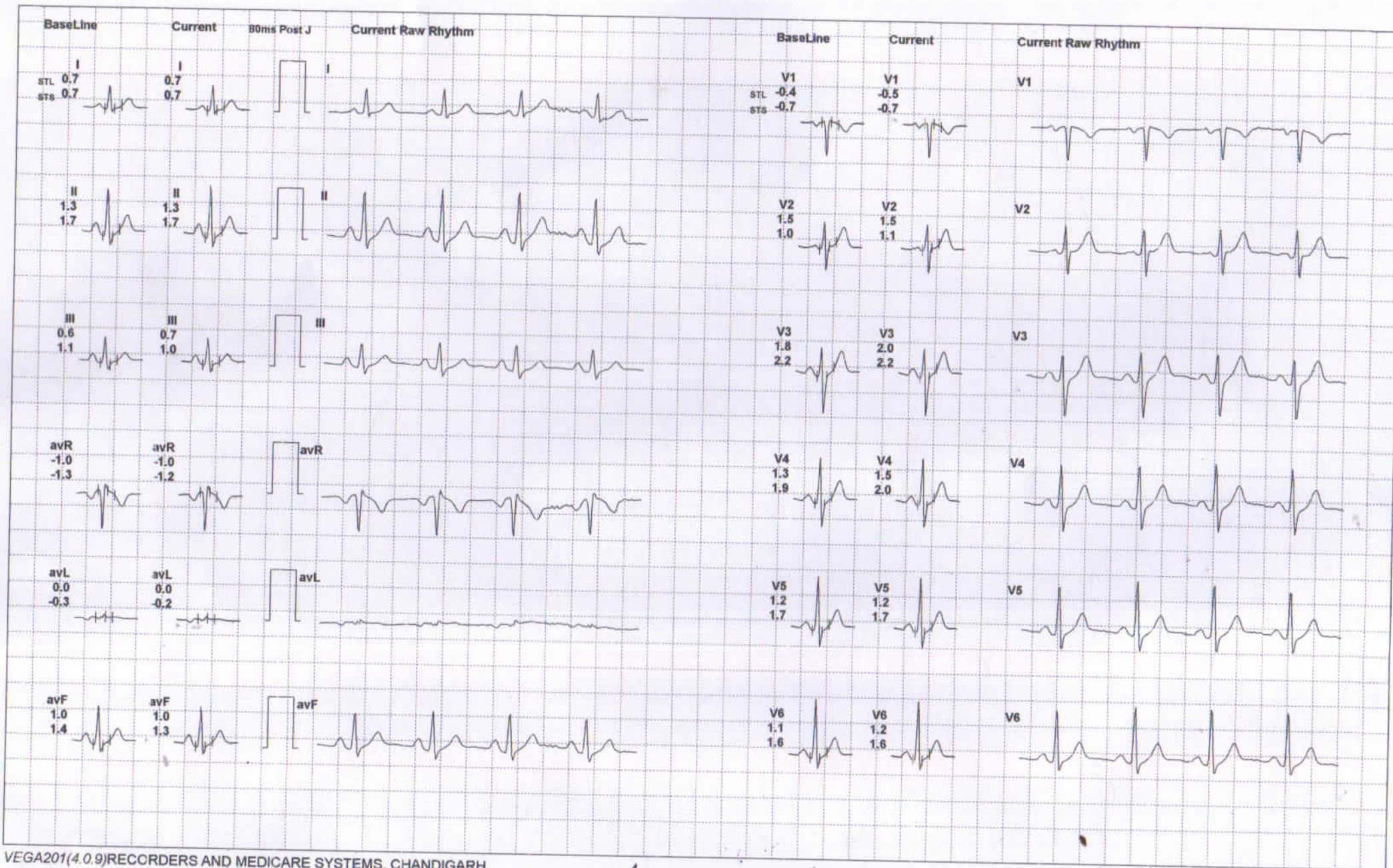
HR: 80 bpm
 METS: 1.0
 BP: 120/80

Trgt HR: 47% of 170
 Speed: 0.0 mph,
 Grade: 0.0%

(0.05-100)Hz

Ex Time 00:07
 BLC :On
 Notch :On

Standing
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

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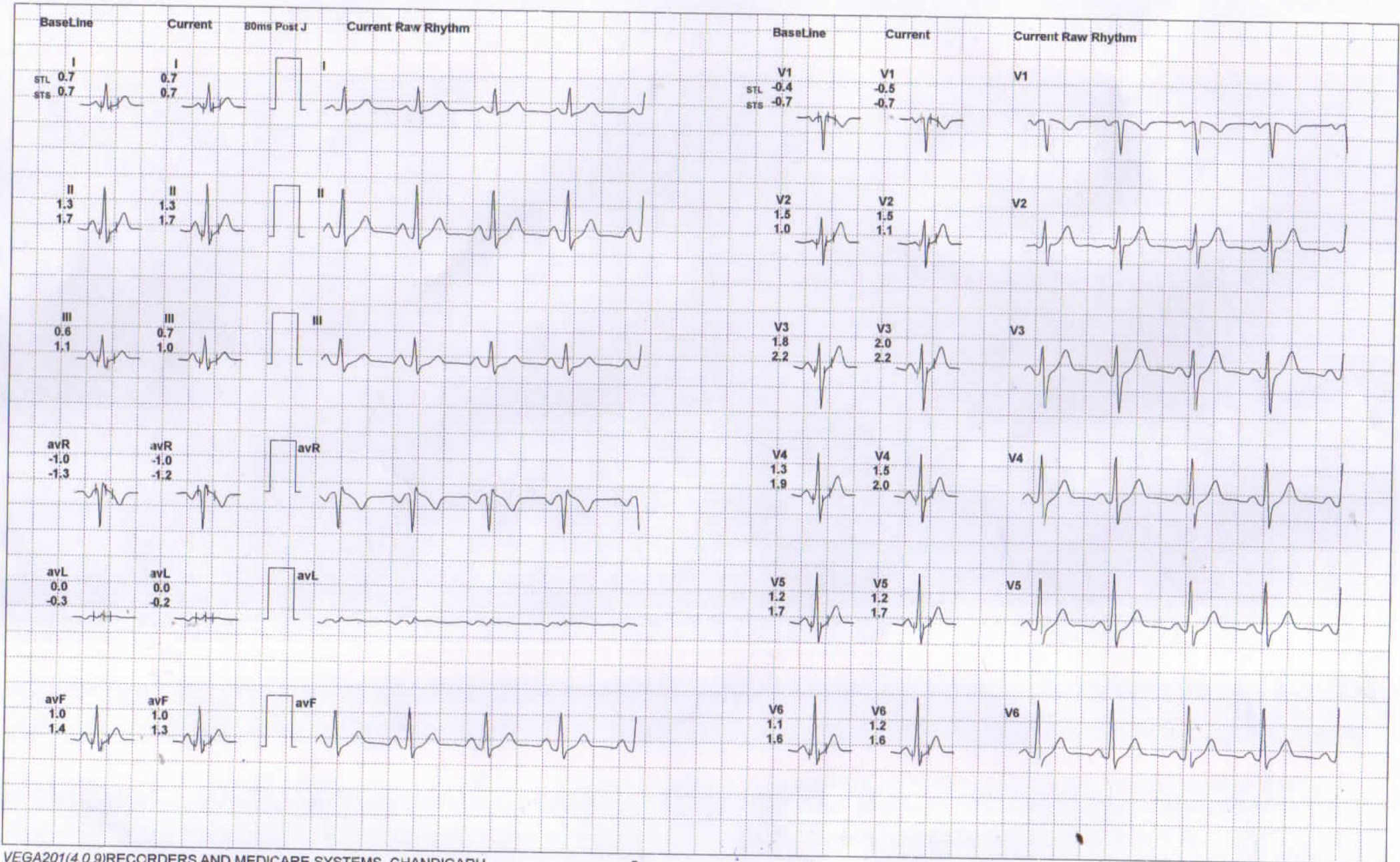
HR: 85 bpm
 METS: 1.0
 BP: 120/80

Trgt HR: 50% of 170
 Speed: 0.0 mph,
 Grade: 0.0%

(0.05-100)Hz

Ex Time 00:15
 BLC : On
 Notch : On

HV
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

905 /MR. RAJIV KUMAR
 34 Yrs / Male
 86 Kg / 175 Cms
 24-Sep-2022 11:20:55 AM

HR: 85 bpm
 METS: 1.0
 BP: 120/80

Trgt HR: 50% of 170
 Speed: 0.0 mph,
 Grade: 0.0%

(0.05-100)Hz

Ex Time 00:19
 BLC :On
 Notch :On

ExStart
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

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 24-Sep-2022 11:20:55 AM

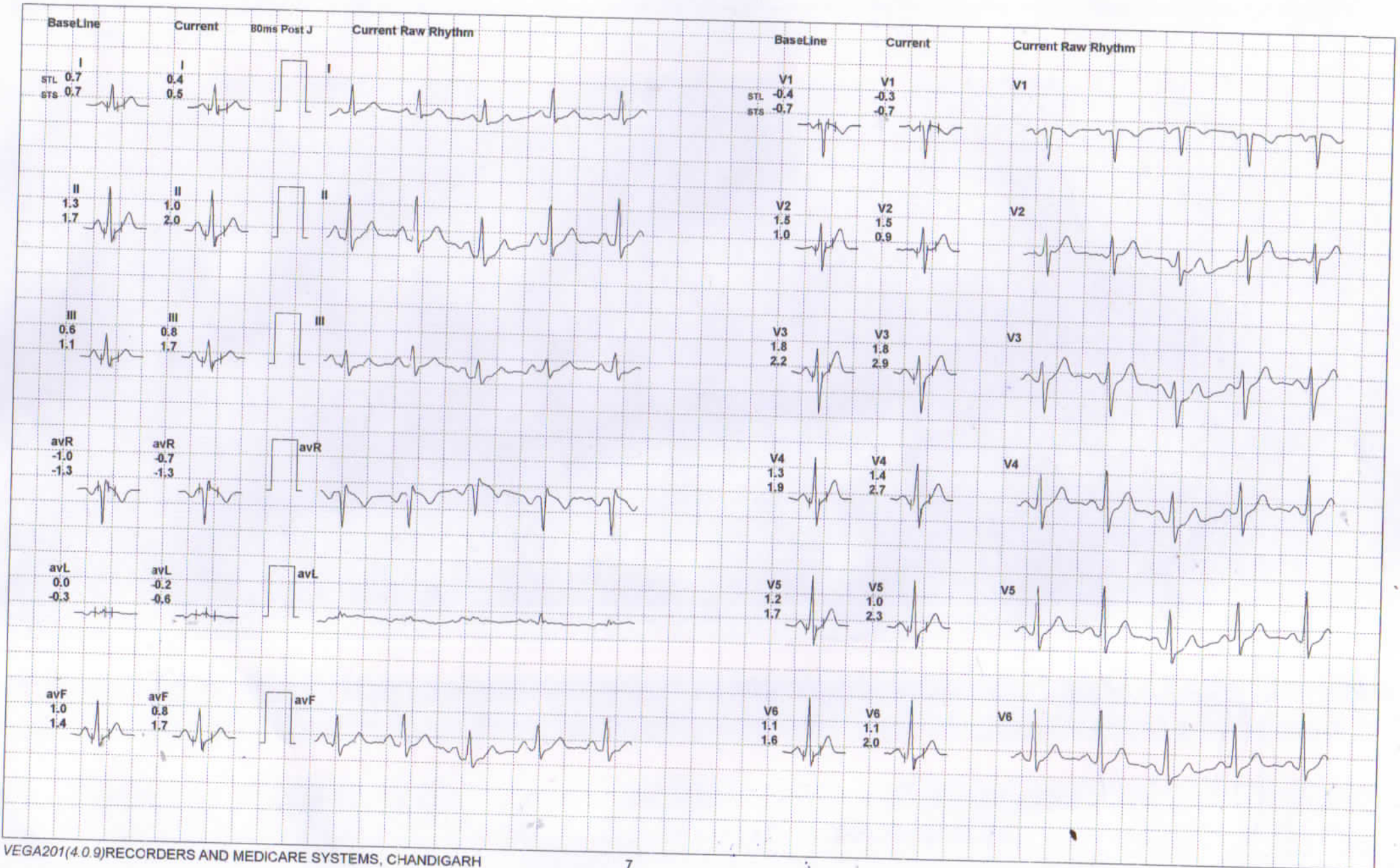
HR: 124 bpm
 METS: 4.9
 BP: 120/80

Trgt HR: 72% of 170
 Speed: 1.8 mph,
 Grade: 10.0%

(0.05-100)Hz

Ex Time 03:00
 BLC :On
 Notch :On

BRUCE: Stage 1 (3:00)
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

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 86 Kg / 175 Cms
 24-Sep-2022 11:20:55 AM

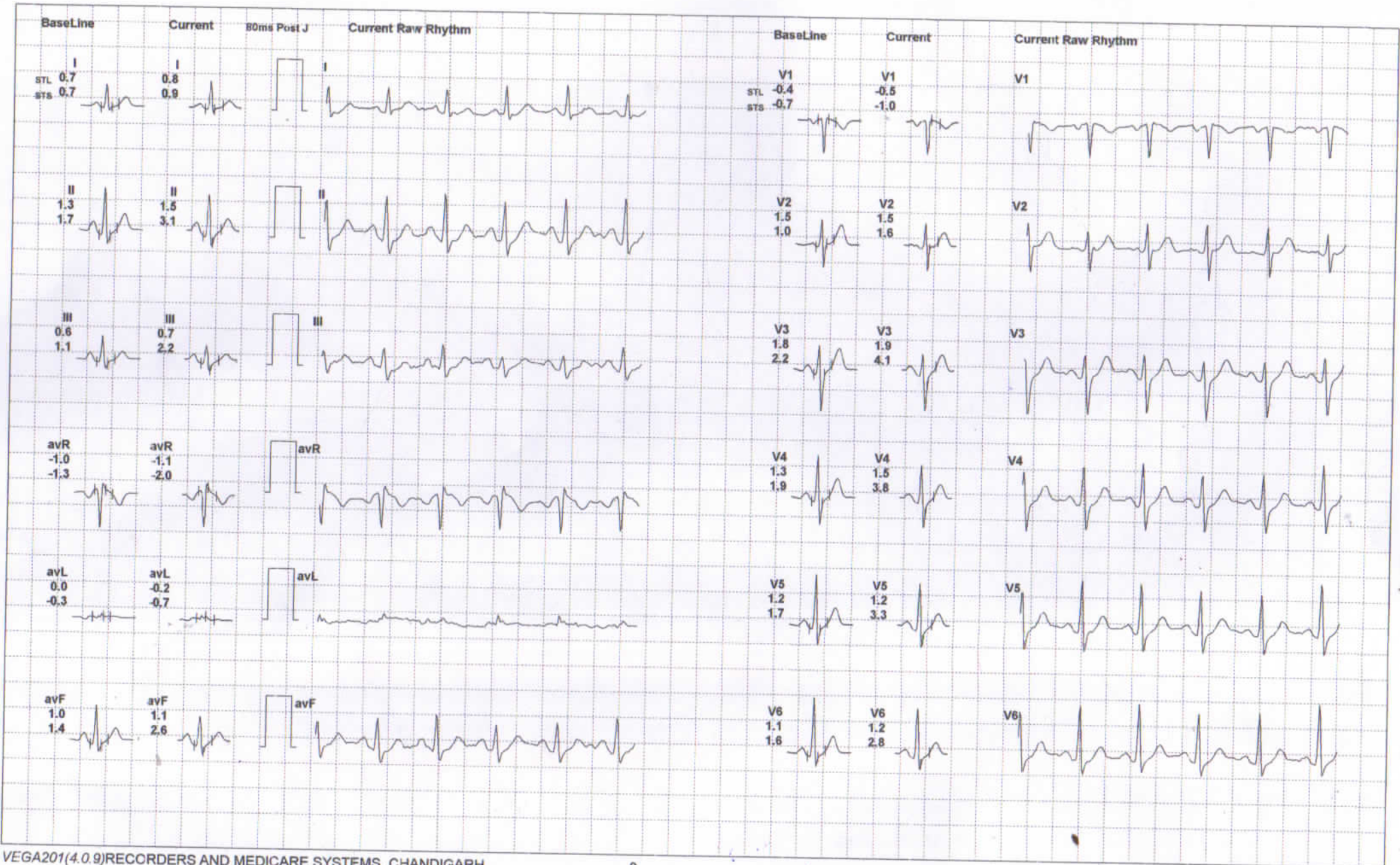
HR: 108 bpm
 METS: 7.1
 BP: 130/80

Trgt HR: 63% of 170
 Speed: 2.5 mph,
 Grade: 12.0%

(0.05-100)Hz

Ex Time 06:00
 BLC :On
 Notch :On

BRUCE:Stage 2(3:00)
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

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 24-Sep-2022 11:20:55 AM

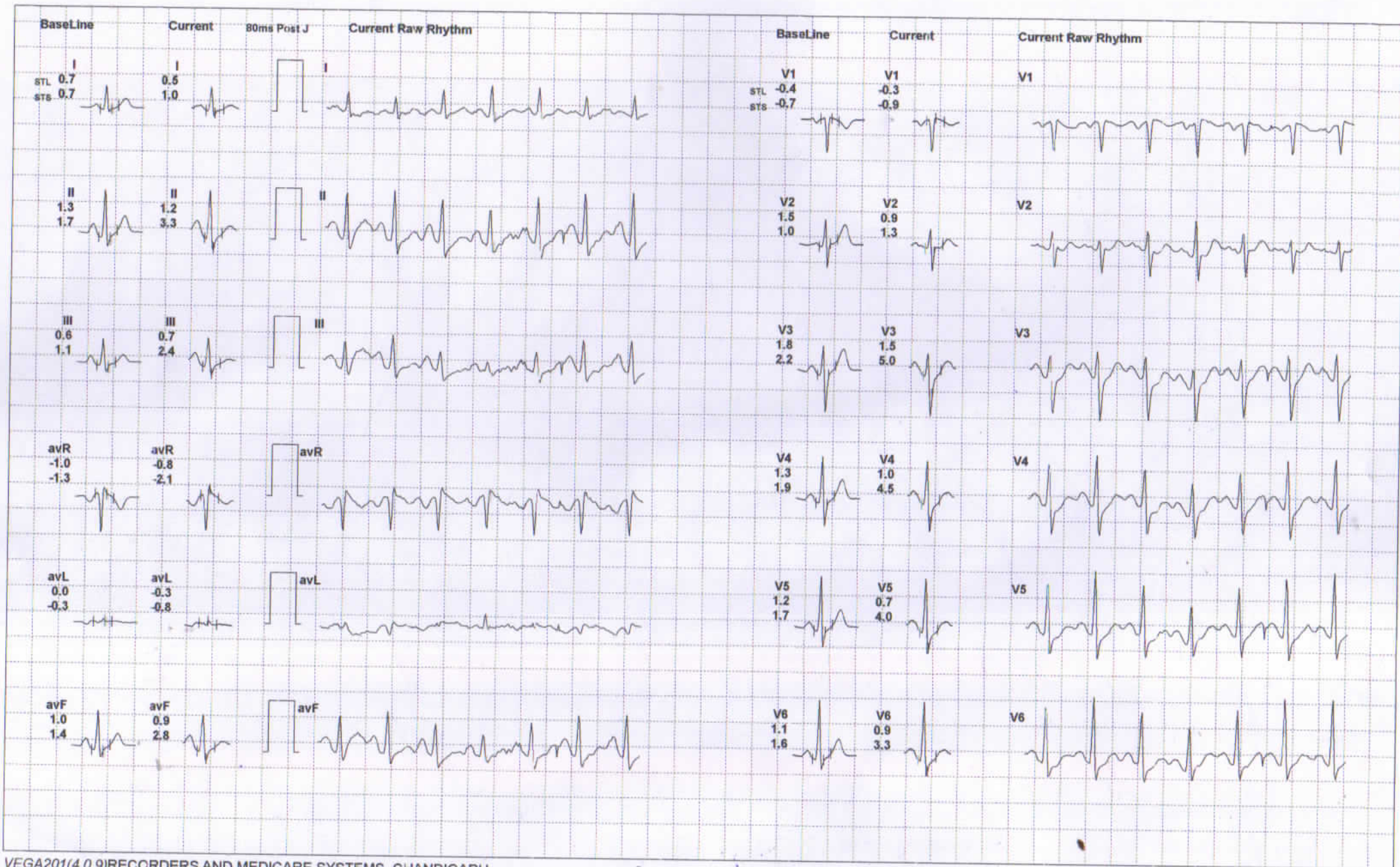
HR: 130 bpm
 METS: 10.2
 BP: 140/90

Trgt HR: 76% of 170
 Speed: 3.4 mph,
 Grade: 14.0%

(0.05-100)Hz

Ex Time 09:00
 BLC :On
 Notch :On

BRUCE: Stage 3 (3:00)
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

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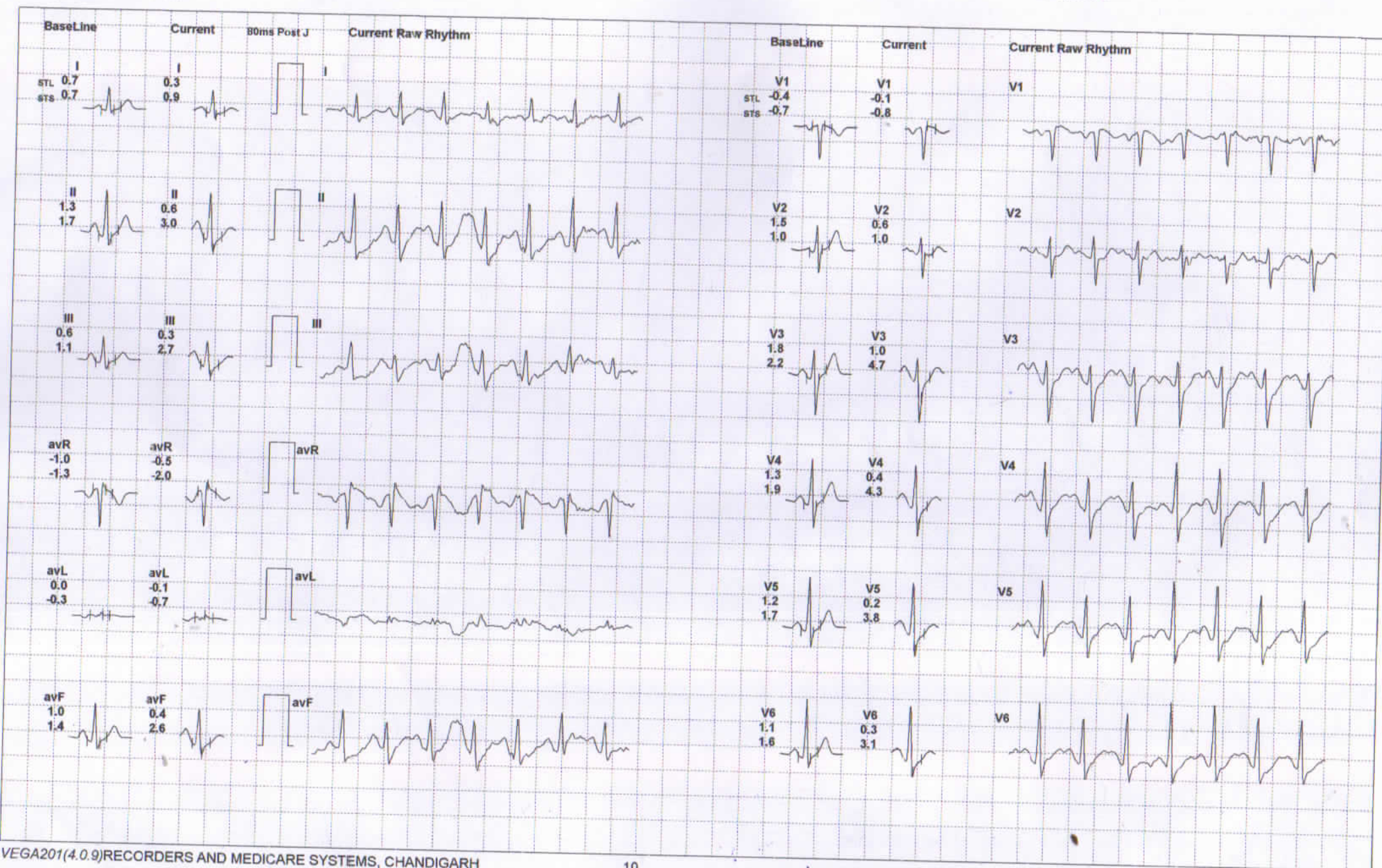
HR: 145 bpm
 METS: 11.6
 BP: 140/90

Trgt HR: 85% of 170
 Speed: 4.2 mph,
 Grade: 16.0%

(0.05-100)Hz

Ex Time 10:14
 BLC :On
 Notch :On

BRUCE:PeakEx(1:14)
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparision

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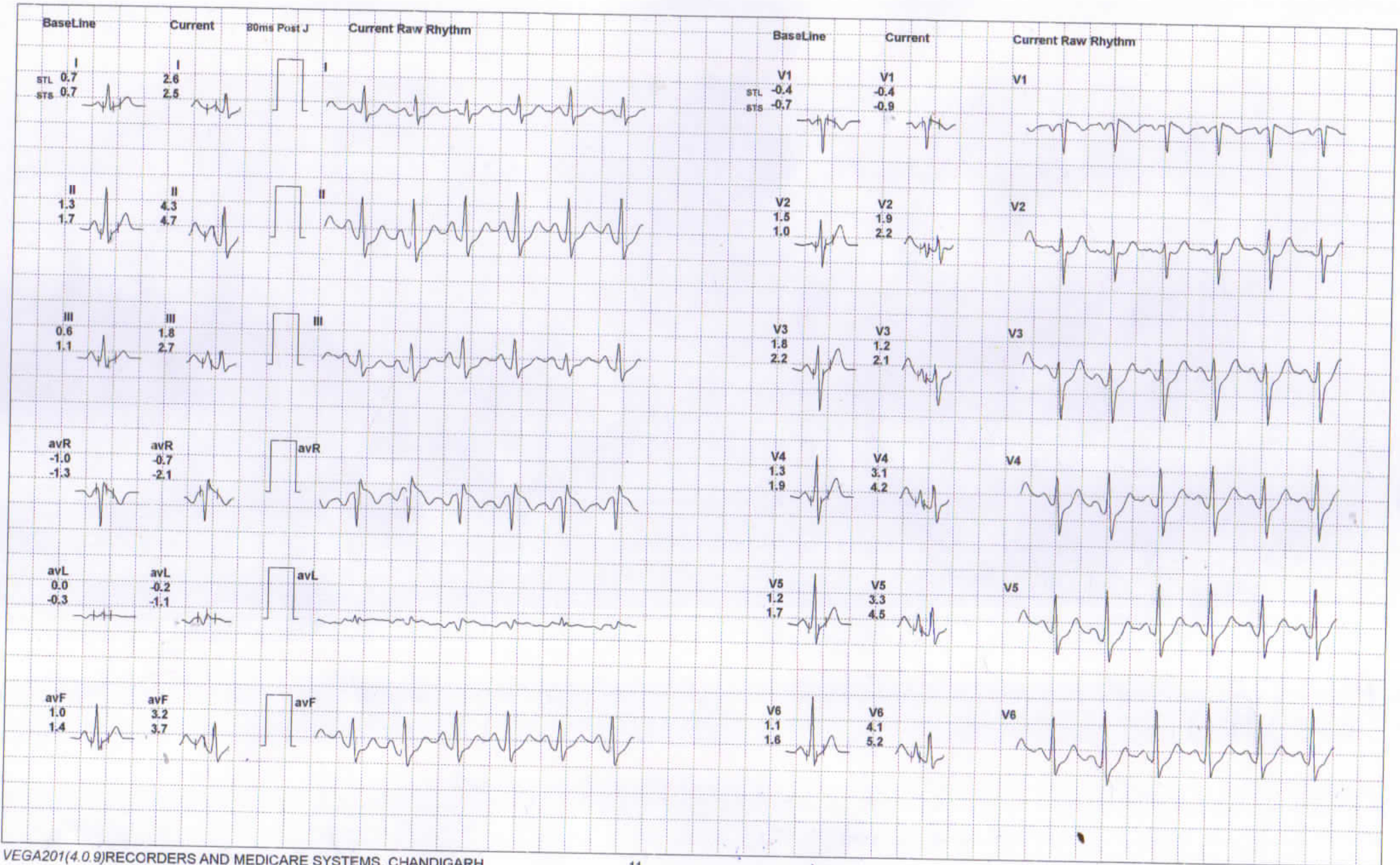
HR: 120 bpm
 METS: 4.3
 BP: 140/90

Trgt HR: 70% of 170
 Speed: 1.1 mph,
 Grade: 0.0%

(0.05-100)Hz

Ex Time 10:15
 BLC :On
 Notch :On

Recovery(1:00)
 1.0 Cm/mV
 25 mm/Sec.

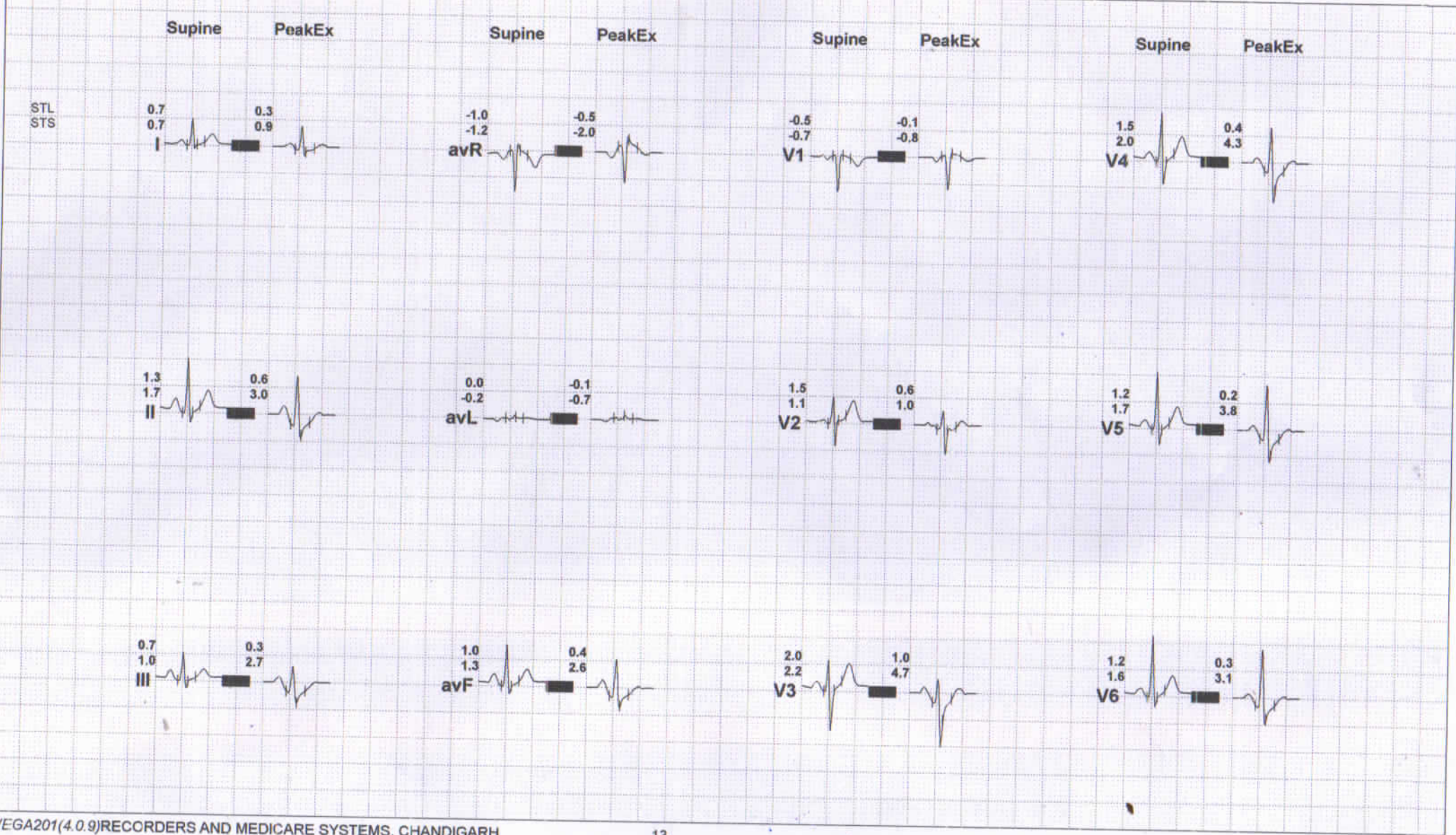




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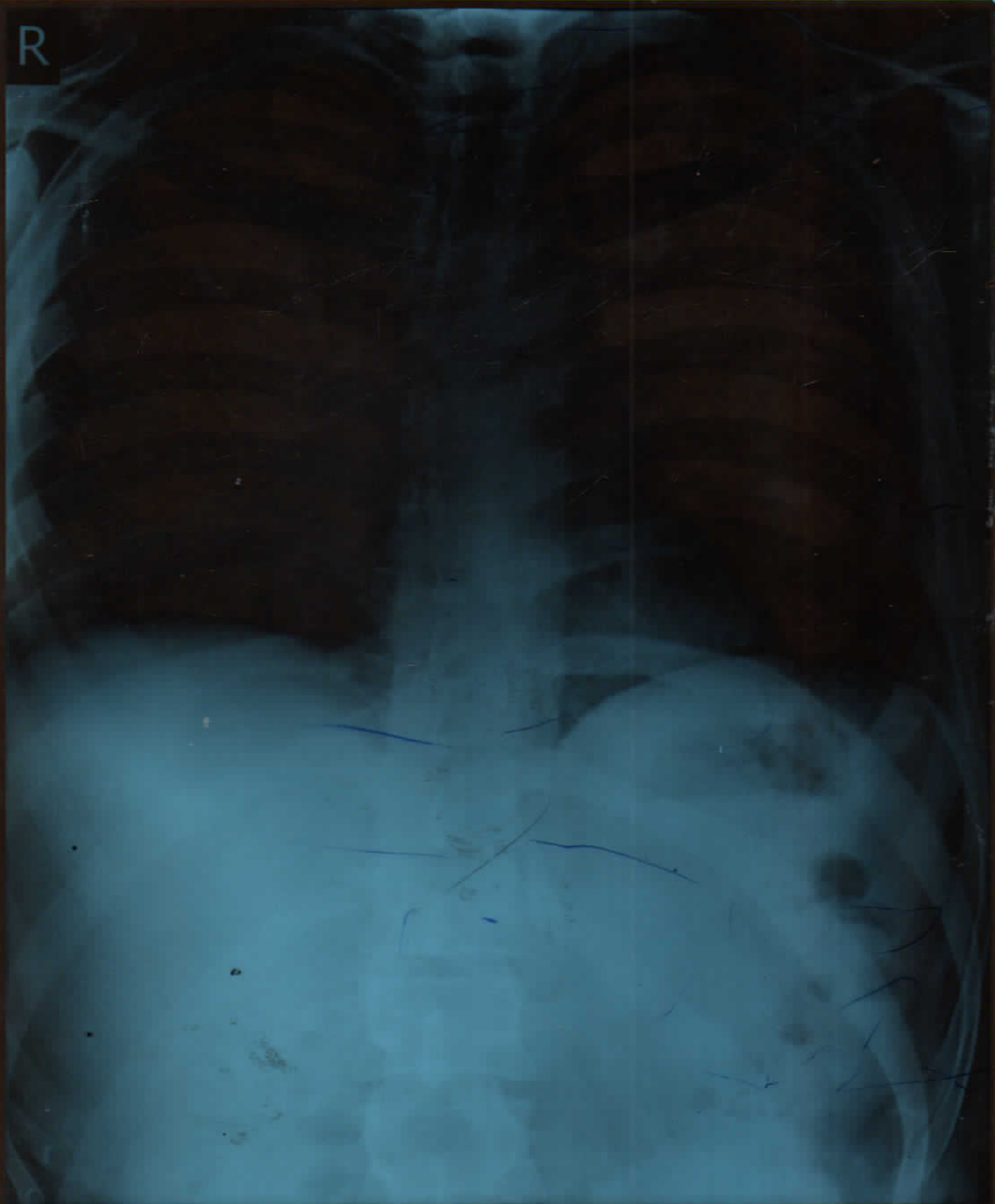
Protocol : BRUCE

Supine :	PhTime 0:02	StageTime 0:01	0.0 mph	0.0%	1.0 METs	85 bpm	120/80	@80ms Post J
PeakEx :	PhTime: 10:15	StageTime: 0:01	1.1 mph	0.0%	11.6 METs	146 bpm	140/90	@80ms Post J





R



RAJIV KUMAR 34Y Male

24/09/2022

Chest PA

BHARTI HOSPITAL SONKH ROAD, KRISHNA NAGAR, MATHURA