



S.V. SCIENTIFIC PATHOLOGY

DR. SHIKHA VYAS

D.C.P. (PATH.)

R.NO. 52957/ 17.08.2006

Bal. 3080

A ISO 9001: 2015 Certified Lab

Date	26/02/2022	Srl No.	166	Sex	M
Name	MR. KULDEEP	Age		OUT SIDE SAMPLE	
Ref. By	BANK OF BARODA				

Investigation Name	Result Value	Unit	Biomedical Ref Range
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HAEMATOLOGY - TEST REPORT

C . B . C

HAEMOGLOBIN (HB)	15.5	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTIC COUNT (TLC)	7,800	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	52	%	40 - 80
LYMPHOCYTE	37	%	20 - 40
EOSINOPHIL	06	%	1 - 6
MONOCYTE	05	%	2 - 10
BASOPHIL	00	%	1 - 2
R B C	5.11	millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.9	%	40.0 - 50.0
M C V	82.0	fl.	82.0 - 101.0
M C H	30.3	picogram	27.0 - 32.0
M C H C	37.0	gm/dl	31.5 - 34.5
PLATELET COUNT	215	$\times 10^3/\mu\text{L}$	150 - 450
MEAN PLATELET VOLUME	9.30	fl	7.5 - 11.5
RDW-CV	14.6	%	11.5 - 14.5
ERYTHROCYTE SED.RATE(WGN)	17	mm/1st hr.	0.00 - 15.0
<small>Automated Mini ESR</small>			
BLOOD GROUP ABO	" O "		
RH TYPING	POSITIVE		

The upper agglutination test for grouping has some limitations.
For further confirmation Reverse typing card (Dia clon ABO / D) Method is suggested.

HbA1C (GLYCOSYLATED Hb)	5.45	%	
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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 NABL.

Mathura Lab Details :

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

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

Website : www.svscientificpathology.com

Sample Collection Facility from Home & Nursing Home is available.

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**NOT VALID FOR
MEDICOLEGAL PURPOSE**



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METHOD : HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. (HPLC)
(BIO-RAD DIASTAT)

EXPECTED VALUES :-

Metabolically healthy patients =	4.8 - 6.0 % HbA1c
Good Control =	5.5 - 6.8 % HbA1c
Fair Control =	6.8-8.2 % HbA1c
Poor Control =	>8.2 % HbA1c

HbA1c ESTIMATED AVERAGE GLUCOSE (eAG) 108.2

65.00 - 135.00

REMARKS:-

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycaemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycaemia monitoring than do determinations of blood glucose or urinary glucose.

It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during diabetes mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

Estimated average glucose (eAG) - There is a predictable relationship between HbA1c and eAG. It helps people with diabetes to correlate their A1c to daily glucose monitoring levels. It reflects the average glucose levels in the past 2 -3 months. The eAG calculation converts the A1c percentage to the same units used by glucometers-mg/dl. The following table shows the relationship of eAG and A1c.

HbA1c (%)	eAG (mg/dL)
5	97
6	126
7	154
8	183
9	212
10	240
11	269
12	298



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BIOCHEMISTRY - TEST REPORT

BLOOD SUGAR RANDOM	87.2	mg/dl	80 - 160
CREATININE	1.15	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
13 - <15 Yrs : 0.57 - 0.87

URIC ACID	5.50	mg/dl	3.4 - 7.20
BLOOD UREA NITROGEN (BUN)	12.3	mg/dl	5.0 - 21.0

LIPID PROFILE

SERUM CHOLESTEROL	335.8	mg/dl
Optimal	< 200	mg/dl
Border Line High Risk	200 - 239	mg/dl
High Risk	> 240	mg/dl

TRIGLYCERIDES

Optimal	< 150	mg/dl
Border Line High Risk	150 - 199	mg/dl
High Risk	200 - 499	mg/dl
Very High Risk	> 500	mg/dl

H D L CHOLESTEROL (direct)	64.7	mg/dl
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Contd...4



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Name	MR. KULDEEP	Age		OUT SIDE SAMPLE	
Ref. By	BANK OF BARODA				

Investigation Name	Result Value	Unit	Biomedical Ref Range
--------------------	--------------	------	----------------------

Reference range

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)	0.35	mg/dl	0.1 - 0.4
UNCONJUGATED (I.D. Bilirubin)	0.36	mg/dl	0.2 - 0.7
TOTAL PROTEINS	7.02	gm/dl	6.0 - 8.2
ALBUMIN	4.35	gm/dl	3.5 - 5.2
GLOBULIN	2.67	gm/dl	2.3 - 3.5
A/G RATIO	1.629	gm/dl	0.8 - 2.0
S.G.O.T (AST)	30.2	U/L	0.0 - 35.0
S G.P.T (ALT)	39.8	U/L	0.0 - 45.0
ALKALINE PHOSPHATASE OPTIMIZED	84.9	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

Contd...6



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Name MR. KULDEEP Age Sex M
Ref. By BANK OF BARODA OUT SIDE SAMPLE

Investigation Name	Result Value	Unit	Biomedical Ref Range
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 36.20 U/L 0.80 - 55.0

THYROID PROFILE

T3 ,T4 ,TSH
T3 1.40 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 5.12 μ IU/ml 0.25 - 5.50

Test	Reference Group	Age	Reference Range	Unit
TSH	Cord	Blood	1.00 - 39.0	μ IU/ml

Contd...7



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Investigation Name	Result Value	Unit	Biomedical Ref Range
1- 4 Week	1.70 - 9.10	µIU/ml	
1-12 Months	0.80 - 8.20	µIU/ml	
1- 5 Years	0.70 - 5.70	µIU/ml	
6 - 10 Years	0.70 - 5.70	µIU/ml	
11 -15 Years	0.70 - 5.70	µIU/ml	
16 - 20 Years	0.70 - 5.70	µIU/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	CLEAR
SPECIFIC GRAVITY	1.010
pH	6.0

CHEMICAL EXAMINATION

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

MICROSCOPIC EXAMINATION

PUS CELLS	2-3	/HPF
EPITHELIAL CELLS	1-2	/HPF
RBC's	NIL	/HPF
CRYSTALS	NIL	

Contd...8



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OUT SIDE SAMPLE

CASTS

NIL

BACTERIA

NIL

OTHERS

NIL

**** Report Completed****



Shikha

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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	72	120/80	86	-	
Standing					1.0	67	120/80	80	-	
HV					1.0	73	120/80	87	-	
ExStart					1.0	71	120/80	85	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	133	120/80	159	1	
Stage 2	3:00	6:01	2.5	12.0	7.1	137	140/90	191	4	
PeakEx	1:05	7:06	3.4	14.0	8.2	157	140/90	219	-	
Recovery	1:00		1.1	0.0	1.2	155	140/90	217	1	
Recovery	1:50		1.1	0.0	1.0	110	140/90	154	-	

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

The patient exercised according to BRUCE for 7:6, achieving a work level of Max METS:8.2. Resting heart rate initially 72 bpm, rose to a max. heart rate of 157 bpm which represents 92% 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 :07:06
 Max HR Attained :157 bpm 92% of Target 170
 Max BP : 140/90(mmHg)
 Max WorkLoad attained :8.2(Fair Effort Tolerance)

Advice/Comments:

12 Lead + Comparison



169 /MR. KULDEEP YADAV
 36 Yrs / Male
 72 Kg / 162 Cms
 26-Feb-2022 12:16:08 PM

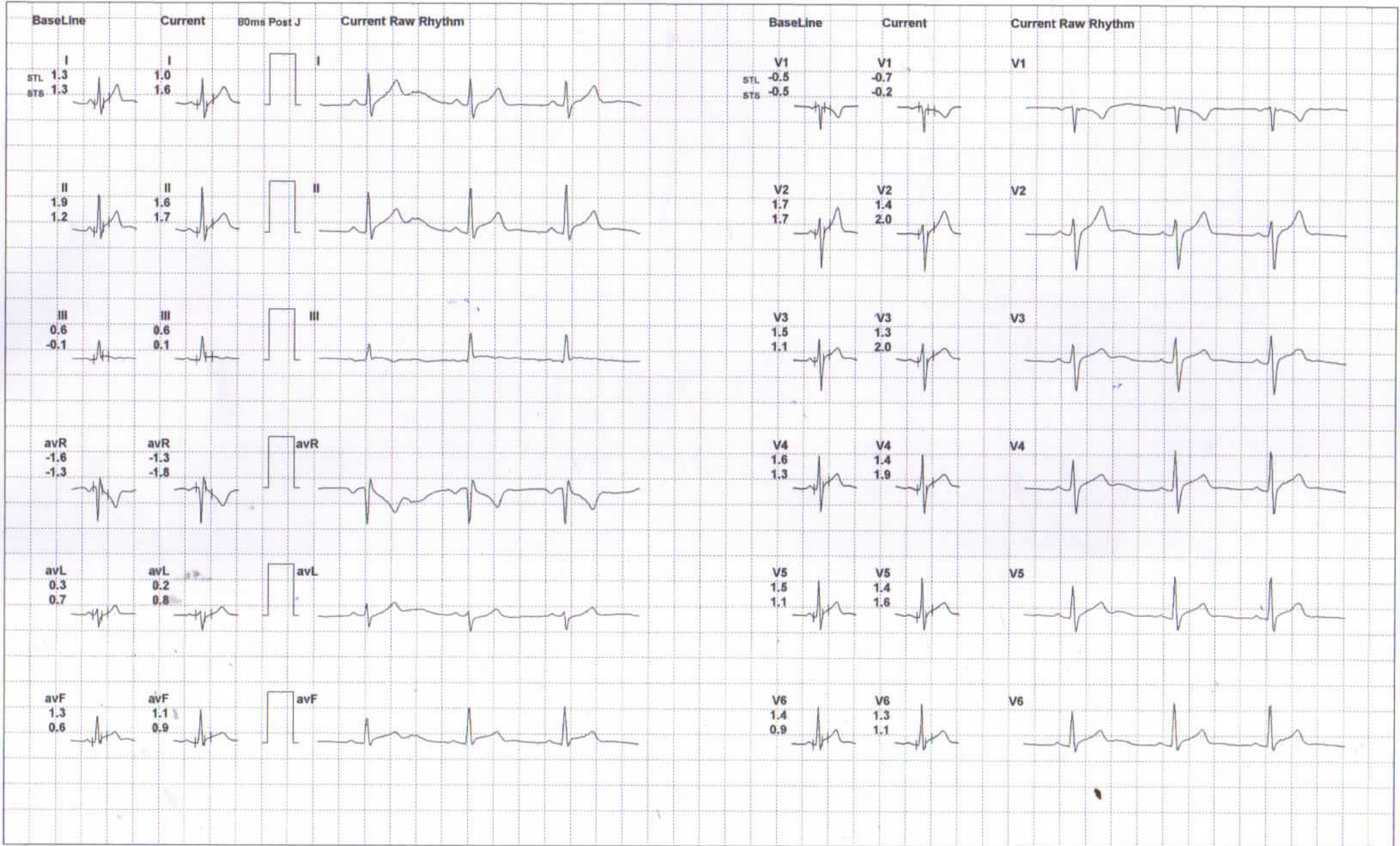
HR: 67 bpm
 METS: 1.0
 BP: 120/80

Trgt HR:39% of 170
 Speed: 0,0 mph,
 Grade: 0.0%

(0.05-100)Hz

Ex Time 00:12
 BLC :On
 Notch :On

Standing
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison



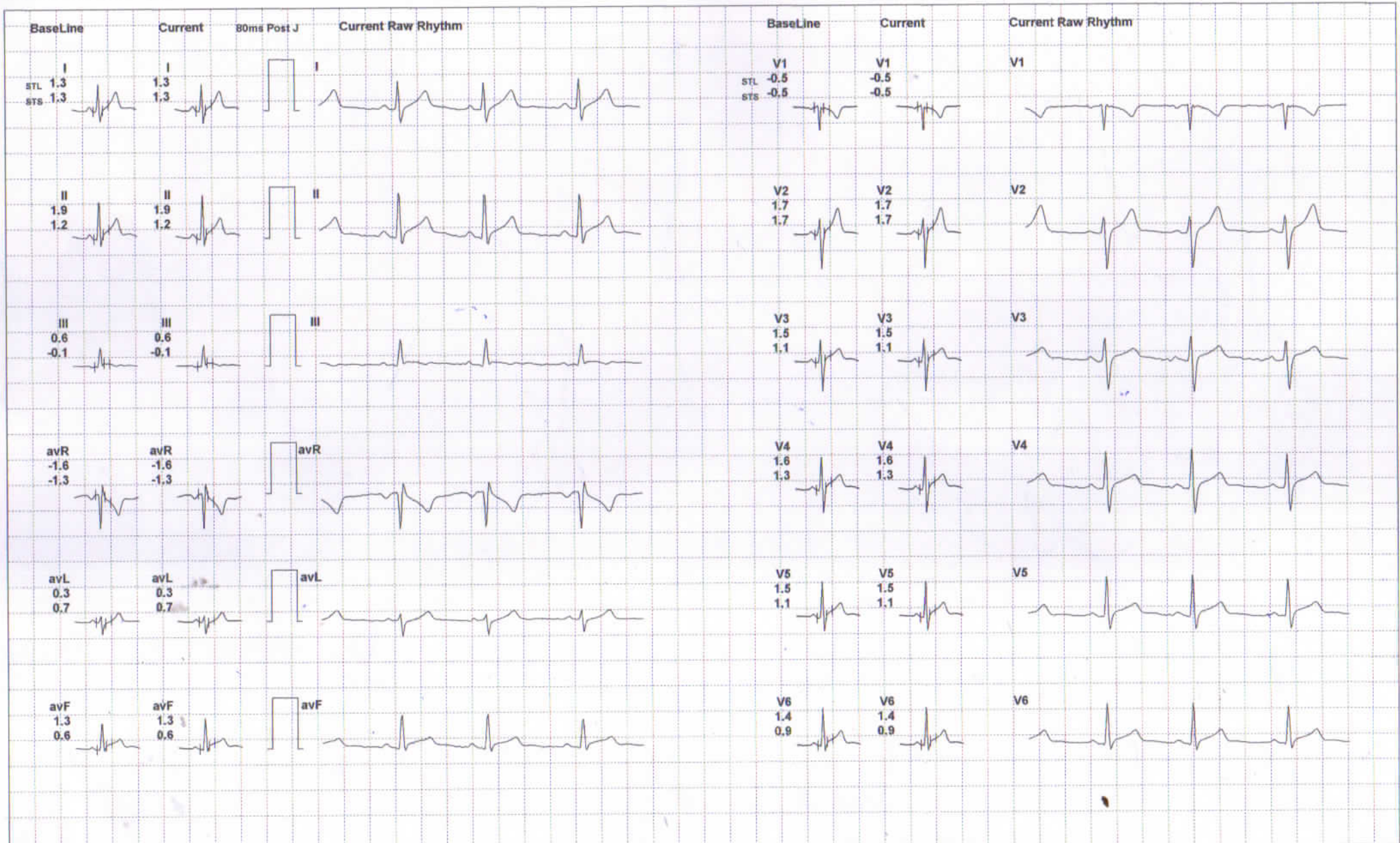
169 /MR. KULDEEP YADAV
 36 Yrs / Male
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 26-Feb-2022 12:16:08 PM

HR: 73 bpm
 METS: 1.0
 BP: 120/80

Trgt HR:42% of 170
 Speed: 0.0 mph,
 Grade: 0.0%
 (0.05-100)Hz

Ex Time 00:23
 BLC :On
 Notch :On

HV
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison



169 /MR. KULDEEP YADAV
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 72 Kg / 162 Cms
 26-Feb-2022 12:16:08 PM

HR: 71 bpm
 METS: 1.0
 BP: 120/80

Trgt HR:41% of 170
 Speed: 0.0 mph,
 Grade: 0.0% (0.05-100)Hz

Ex Time 00:33
 BLC :On
 Notch :On

ExStart
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison

169 /MR. KULDEEP YADAV
 36 Yrs / Male
 72 Kg / 162 Cms
 26-Feb-2022 12:16:08 PM

HR: 133 bpm
 METS: 4.7
 BP: 120/80

Trgt HR:78% of 170
 Speed: 1.7 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

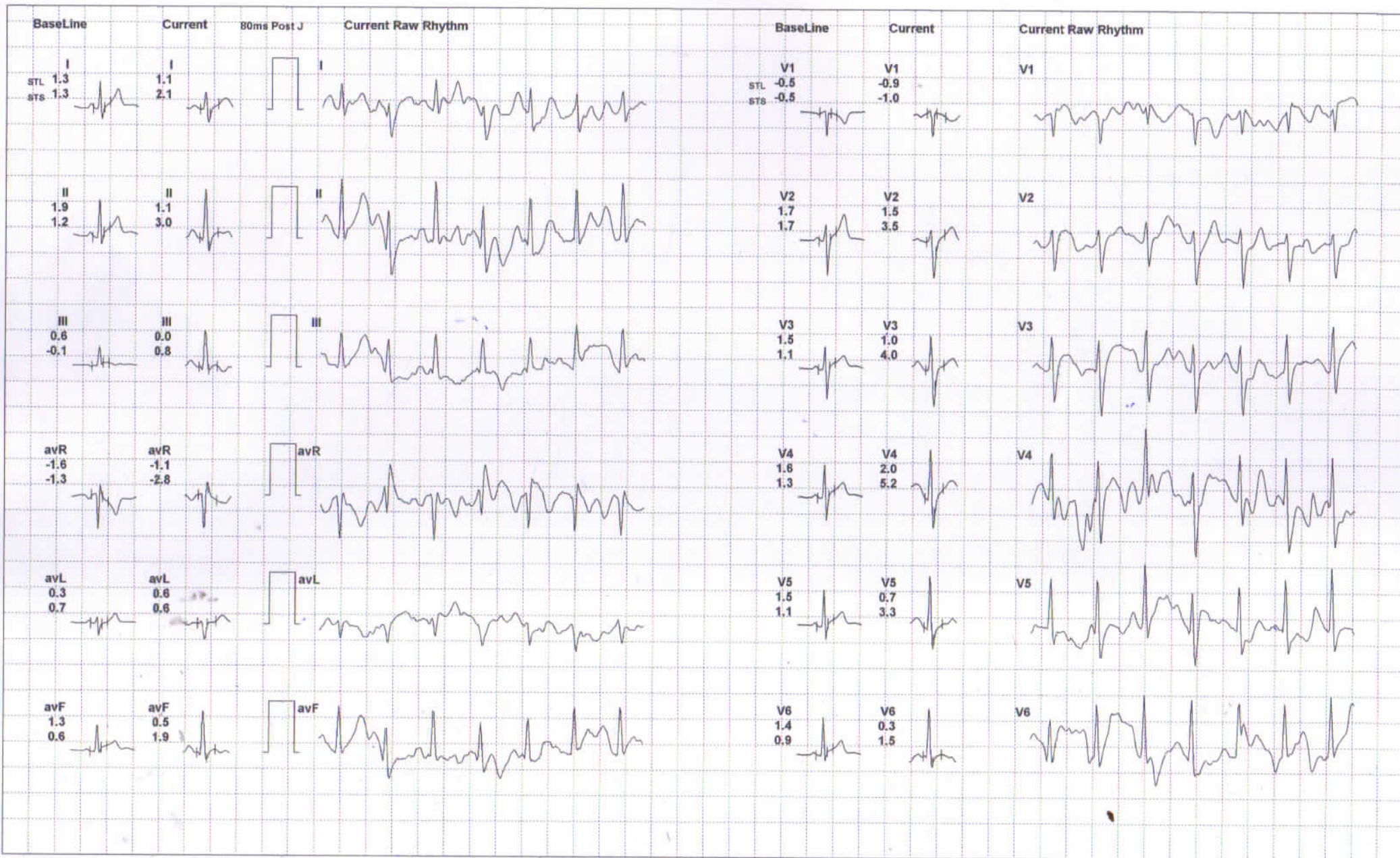
169 /MR. KULDEEP YADAV
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 26-Feb-2022 12:16:08 PM

HR: 137 bpm
 METS: 7.1
 BP: 140/90

Trgt HR:80% 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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 26-Feb-2022 12:16:08 PM

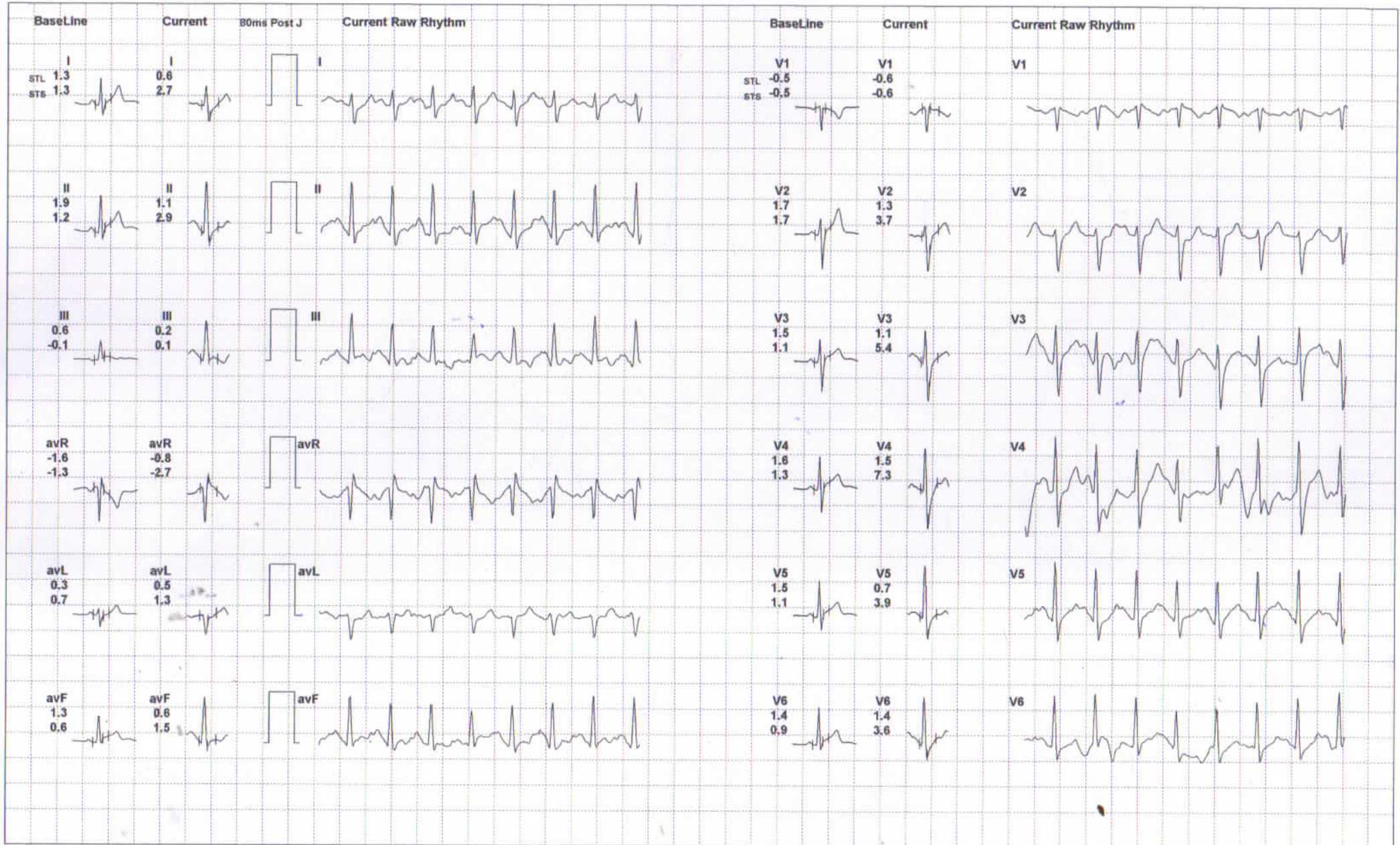
HR: 157 bpm
 METS: 8.2
 BP: 140/90

Trgt HR: 92% of 170
 Speed: 3.4 mph,
 Grade: 14.0%

(0.05-100)Hz

Ex Time 07:05
 BLC :On
 Notch :On

BRUCE:PeakEx(1:05)
 1.0 Cm/mV
 25 mm/Sec.



12 Lead + Comparison



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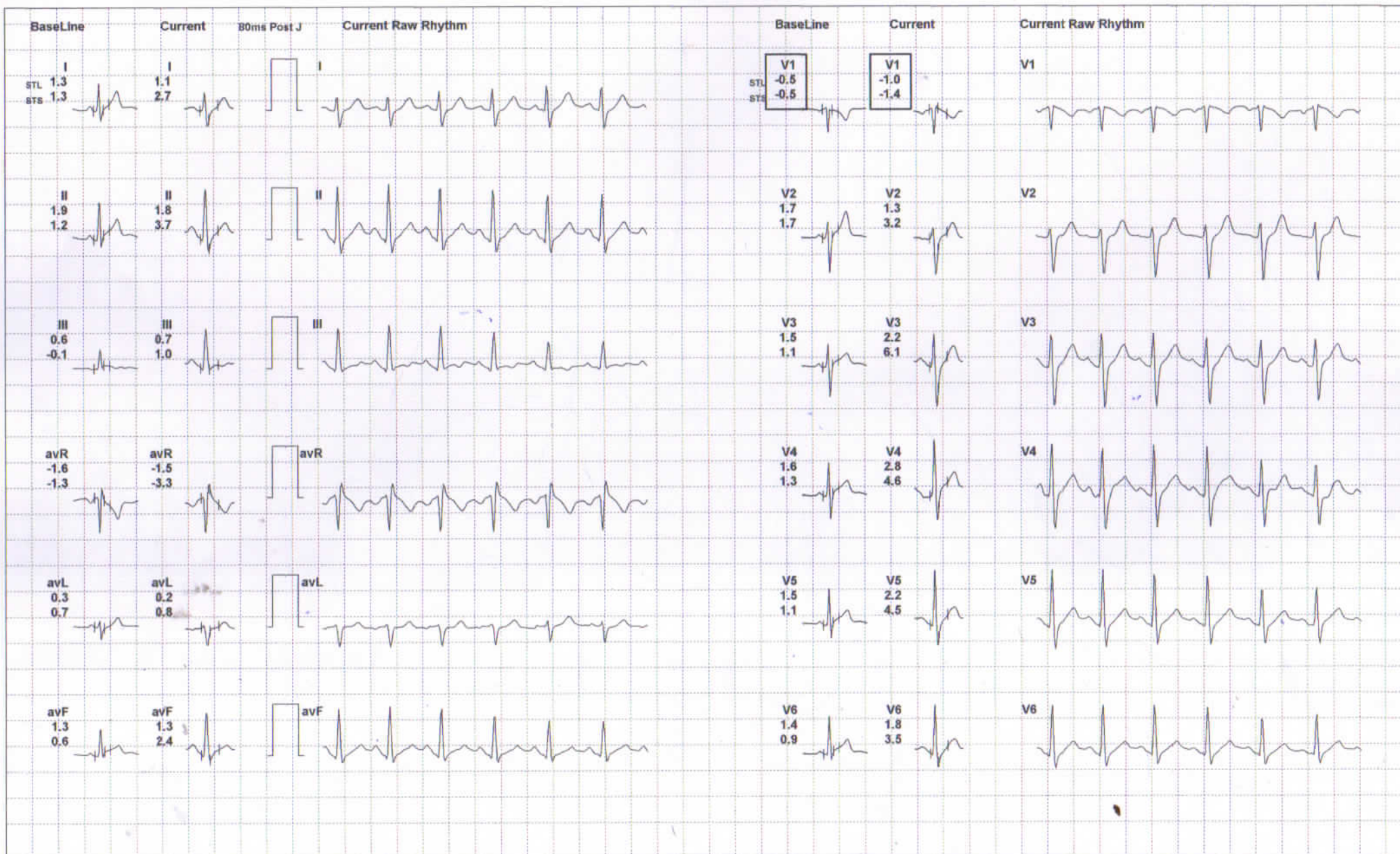
HR: 155 bpm
 METS: 1.2
 BP: 140/90

Trgt HR:91% of 170
 Speed: 1.1 mph,
 Grade: 0.0%

(0.05-100)Hz

Ex Time 07:06
 BLC :On
 Notch :On

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



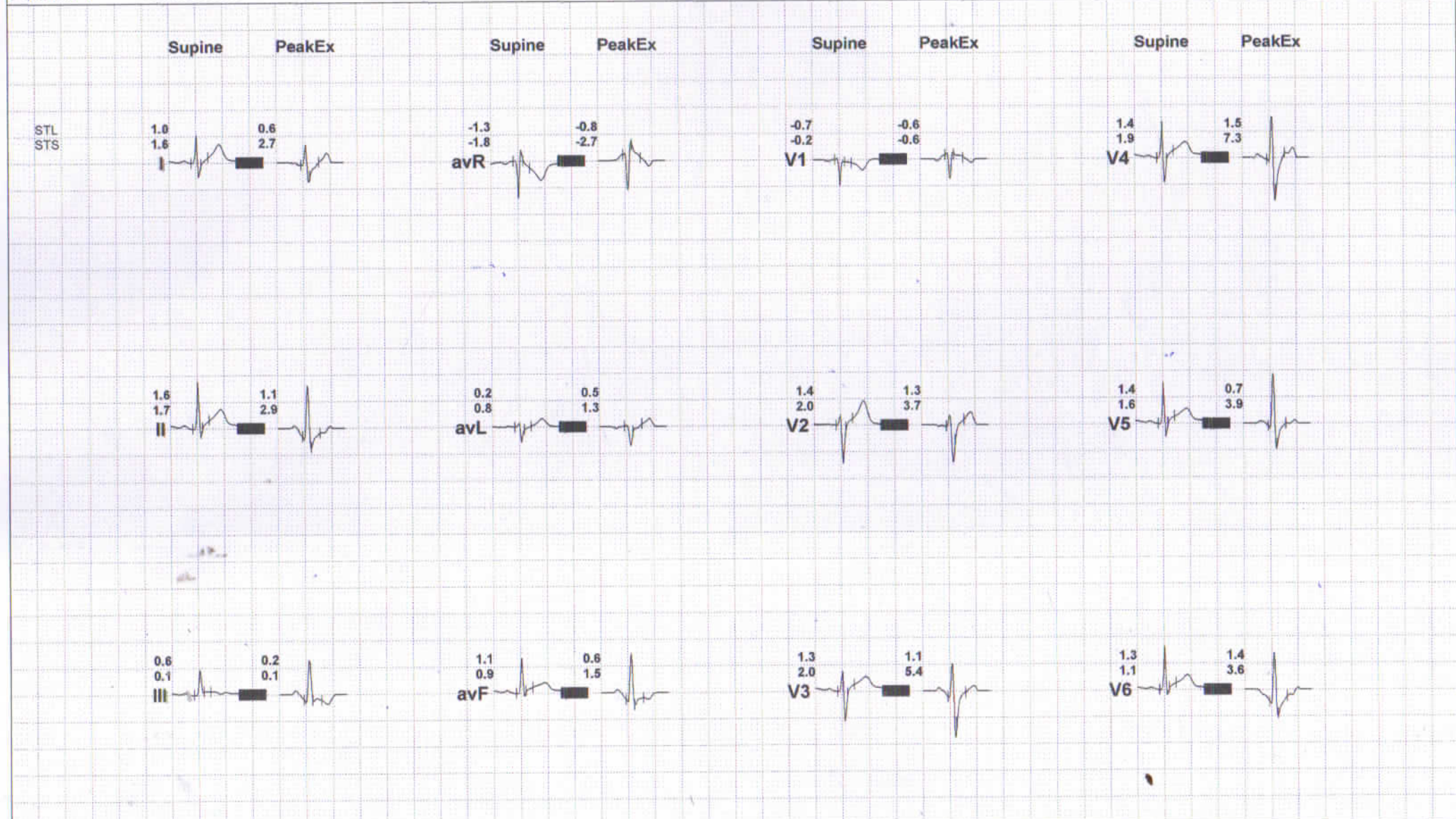




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 72 Kg / 162 Cms
 26-Feb-2022 12:16:08 PM

Protocol : BRUCE

Supine :	PhTime 0:03	StageTime 0:01	0.0 mph	0.0%	1.0 METs	72 bpm	120/80	@77ms Post J
PeakEx :	PhTime: 7:06	StageTime: 0:01	1.1 mph	0.0%	8.2 METs	158 bpm	140/90	@80ms Post J





Bharti Hospital

An ISO 9001 : 2008 (QMS) Certified Hospital

Date :

REG...NO : 2022-202603

DATE : 26/02/2022

NAME : MR. KULDEEP

REF...BY: BOB

AGE /SEX: Y/M

2D REAL TIME GENERAL SONOLOGICAL STUDY OF WHOLE ABDOMEN

LIVER: Is normal in size & parenchymal echotexture. Margins are regular. Intra hepatic bile ducts (IHD) are not dilated. No focal mass seen. Portal Vein & C.B.D. is normal in caliber.

GALL BLADDER: No calculi/mass lesion is seen in its lumen. No pericholecystic collection is seen.

SPLEEN: is normal in size and shape. Echotexture appears normal.

PANCREAS: Shows normal size and echotexture. No focal mass / peripancreatic collection is seen.

RIGHT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No calculus /hydronephrosis is seen.

LEFT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No hydronephrosis, No free fluid/ retroperitoneal adenopathy is seen.

U.BLADDER: is normal in distension and in wall thickness. Lumen is clear. No calculus or mass lesion is seen.

PROSTATE: is normal in size (31.3x38.6x33.5mm), shape and echotexture. Weight 21.2 cm³.

NOTE- Excessive Gas is Present in Abdomen.

IMPRESSION: No Abnormality Detected.

SONOLOGIST

Best efforts were made during investigation, however in case of any Confusion/ Confirmation review can be done, free of cost. Not valid for medico-legal purpose.

Facilities

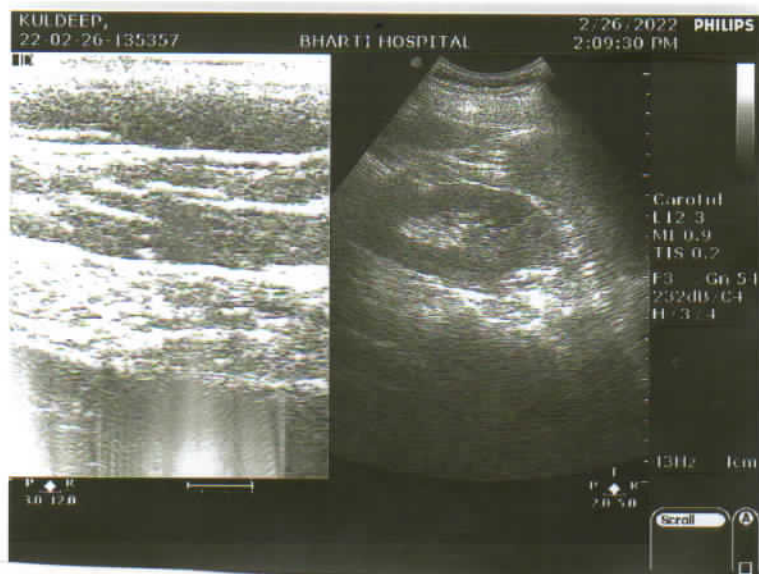
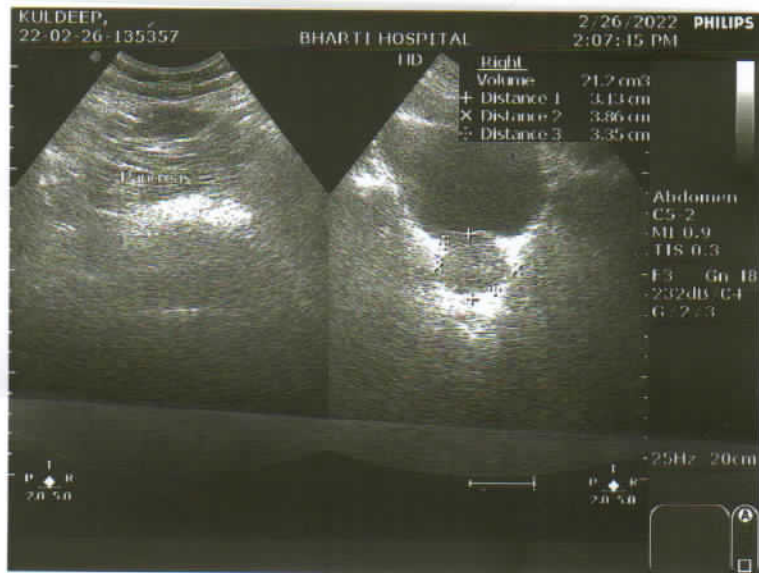
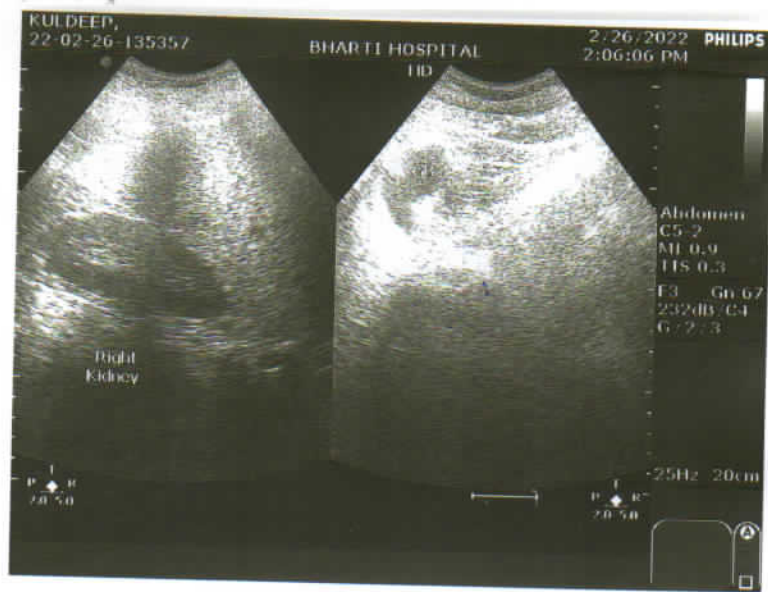
ICU, Facility for Medical & Cardiac Emergency, ECG, Nebulizer, Centralized Oxygen, Monitor BIPAP, Defibrillator, Echo Cardiography, TMT, X-ray, PFT, Computerised Pathology

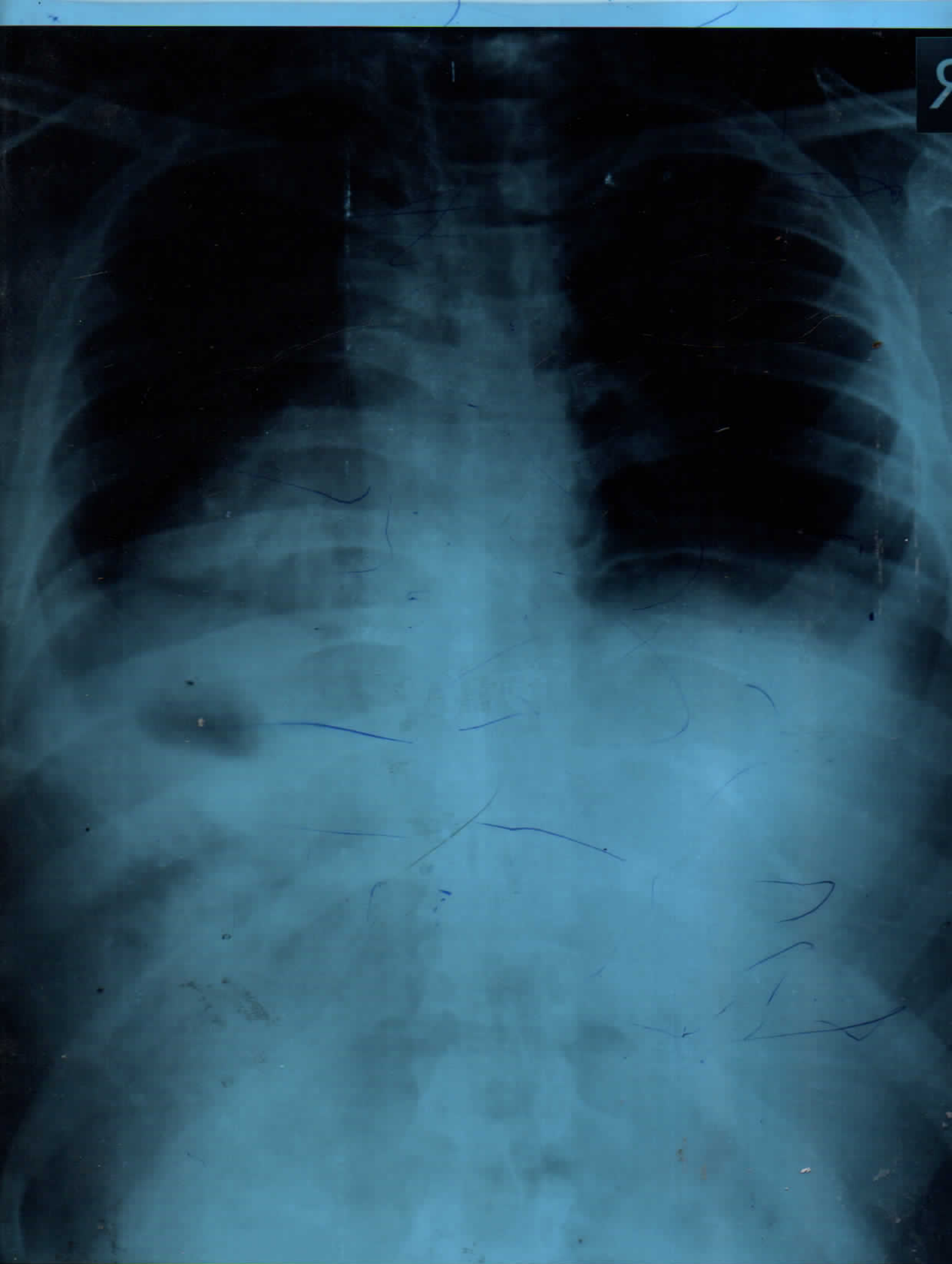
यहाँ भ्रूण-लिंग परीक्षण नहीं किया जाता है। यह एक दण्डनीय अपराध है।

This Report is only A Professional Opinion & Should Be Clinically Co-related

NOT VALID FOR MEDICO-LEGAL PURPOSE

सभी प्रकार के हेल्थ चैकअप पैकेज उपलब्ध





9

2810515055

DEEP YADAV 36Y Male

ARTI HOSPITAL SONKH ROAD, KRISHNA NAGAR, MATHURA

est PA