

Welcome



GPS Map Camera

Bareilly, Uttar Pradesh, India

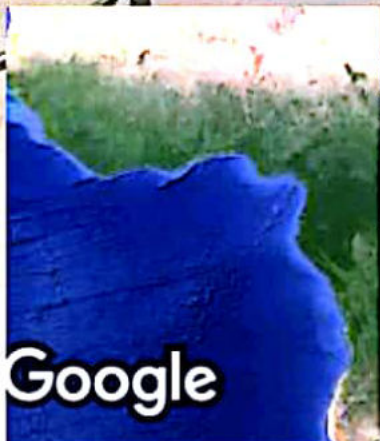
9CHM+9M6, FCI Colony, Bareilly, Uttar Pradesh

243005, India

Lat 28.378396°

Long 79.434151°

14/04/23 10:26 AM GMT +05:30



Google



भारत सरकार

Government of India



अंशू पान्डे

Anshu Pandey

जन्म तिथि / DOB : 10/09/1992

महिला / Female

[REDACTED] 7834

आधार - आम आदमी का अधिकार



 GPS Map Camera

Bareilly, Uttar Pradesh, India

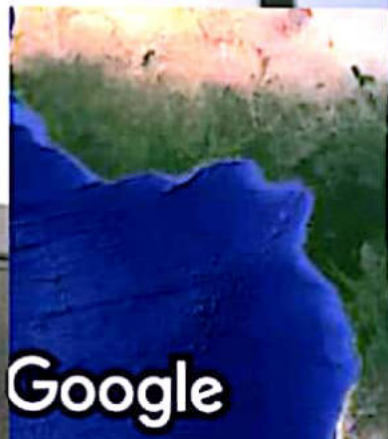
9CHM+9M6, FCI Colony, Bareilly, Uttar Pradesh

243005, India

Lat 28.378396°

Long 79.434151°

14/04/23 11:40 AM GMT +05:30



Google

D D PURAM BAREILLY UP

573/ANSHU PANDEY 30 Yrs/Female 49 Kg/149 Cms

Date: 14-Apr-2023 11:16:53 AM

Protocol : BRUCE

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	0:01	0:52	0.0	0.0	1.0	97	121/81	117	-	
Standing	0:01	0:56	0.0	0.0	1.0	94	121/81	113	-	
HV	0:01	1:00	0.0	0.0	1.0	92	121/81	111	-	
EXStart	0:01	1:05	0.0	0.0	1.0	91	121/81	110	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	148	124/85	183	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	158	128/86	202	-	
Stage 3	3:00	9:01	3.4	14.0	10.2	181	132/88	238	-	
PeakEX	3:01	9:02	3.4	14.0	10.2	181	132/88	238	-	
Recovery	1:00	9:03	1.1	0.0	4.4	160	132/88	211	-	
Recovery	2:00	9:03	0.0	0.0	1.0	131	126/85	165	-	
Recovery	3:00	9:03	0.0	0.0	1.0	124	120/80	148	-	

Medication : Nil

History : Nil

Test End Reason : Test Complete

Findings :

The patient exercised according to BRUCE for 9:2, achieving a work level of Max METS:10.2. Resting heart rate initially 97 bpm, rose to a max. heart rate of 181 bpm which represents 95% of maximum age predicted heart rate. Resting blood pressure 121/81 mmhg, rose to a maximum blood Pressure of 132/88 mmhg. The exercise stress test was stopped due to Test Complete

Parameters :

Exercise Time : 9:02 minutes

Max HR attained : 181 bpm 95% of Max Predictable HR 190

Max BP : 132/88(mmHg)

Workload attained : 10.2 (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 ischaemia.

Maximum Depression: 8:36

Test Complete

Advice/Comments:



Life Care Diagnostic Center

Dr. R. K. Mishra

M.D. Medicine

Reg. No. 58249

DR. R. K MISHRA

LIFE CARE DIAGNOSTIC CENTER
D D PURAM BAREILLY UP

573/ANSHU PANDEY
 30 Yrs/Female
 49 Kg/149 Cms
 Date: 14-Apr-2023 11:16:53 AM

HR: 97 bpm
 METS: 1.0
 BP: 121/81

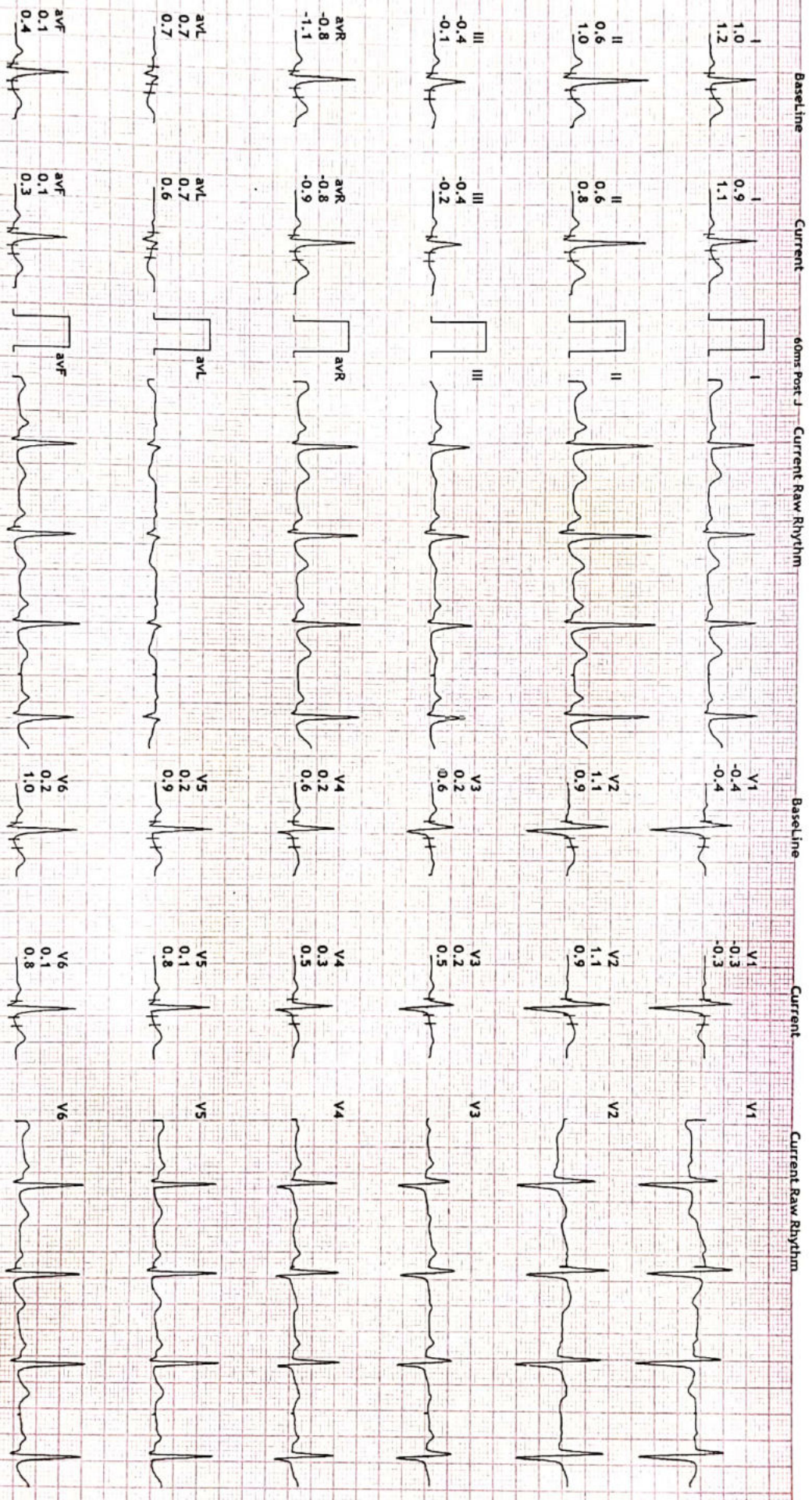
MPHR: 51% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)HZ

Ex Time 00:51
 BLC : On
 Notch : On

Supine
 10.0 mm/mv
 25 mm/Sec.

12 Lead + Comparison



HR: 97 bpm, METS: 1.0, BP: 121/81

MPHR: 51% of 190, Speed: 0.0 mph, Grade: 0.0%

DR. R. K MISHRA

LIFE CARE DIAGNOSTIC CENTER

D D PURAM BAREILLY UP
 573/ANSHU PANDEY
 30 Yrs/Female
 49 Kg/149 Cms
 Date: 14-Apr-2023 11:16:53 AM

HR: 94 bpm
 METS: 1.0
 BP: 121/81

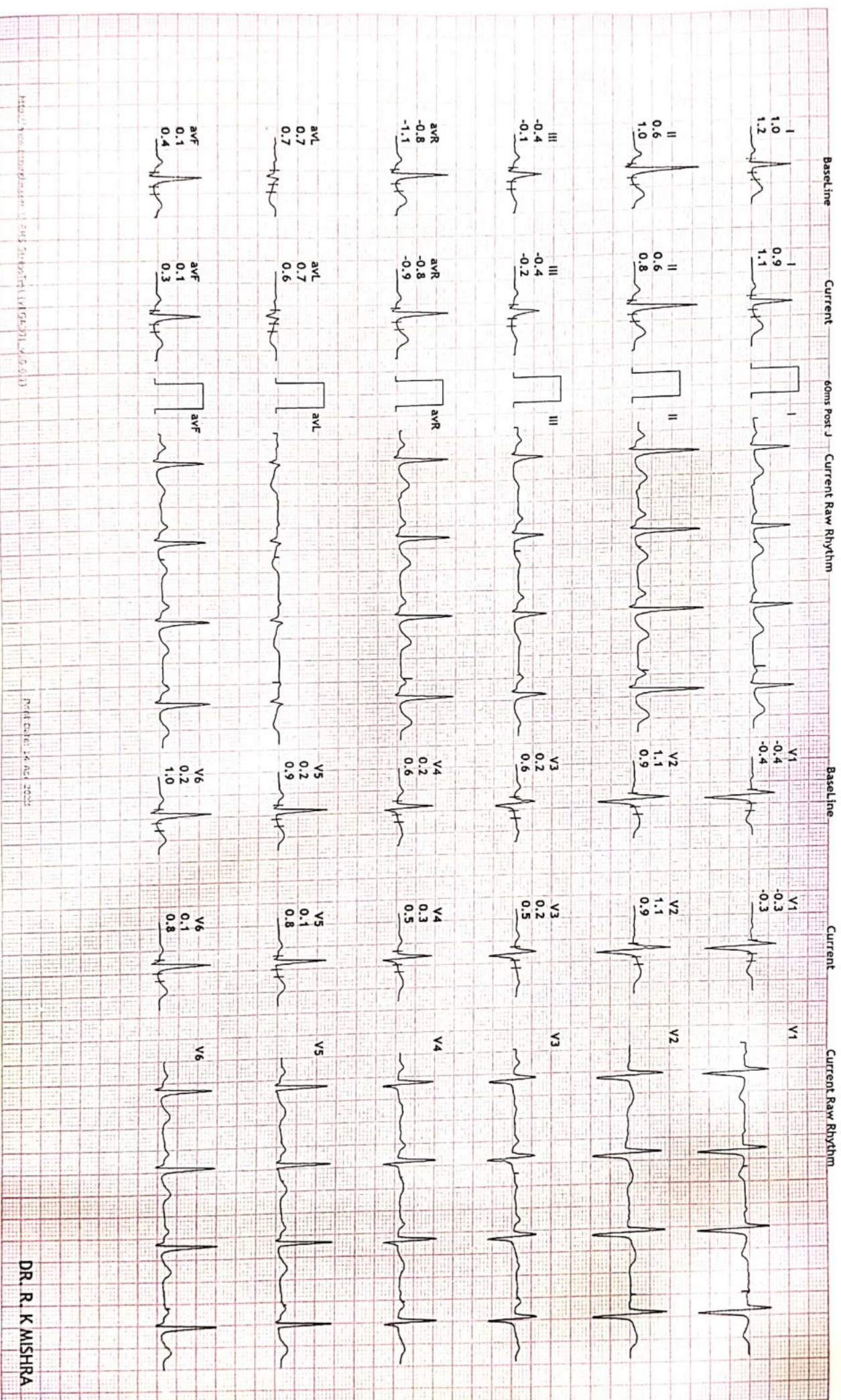
MpHR: 49% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 00:55
 BLC : On
 Notch : On

Standing
 10.0 mm/mV
 25 mm/Sec.

12-Lead + Comparison



Model: 9600 (08/2012) 12 H3 246274 (V1) (P3) 4.0 (13)

Print Date: 14 Apr 2023

DR. R. K MISHRA



D D PURAM BAREILLY UP
 573/ANSHU PANDEY
 30 Yrs/Female
 49 Kg/149 Cms
 Date: 14-Apr-2023 11:16:53 AM

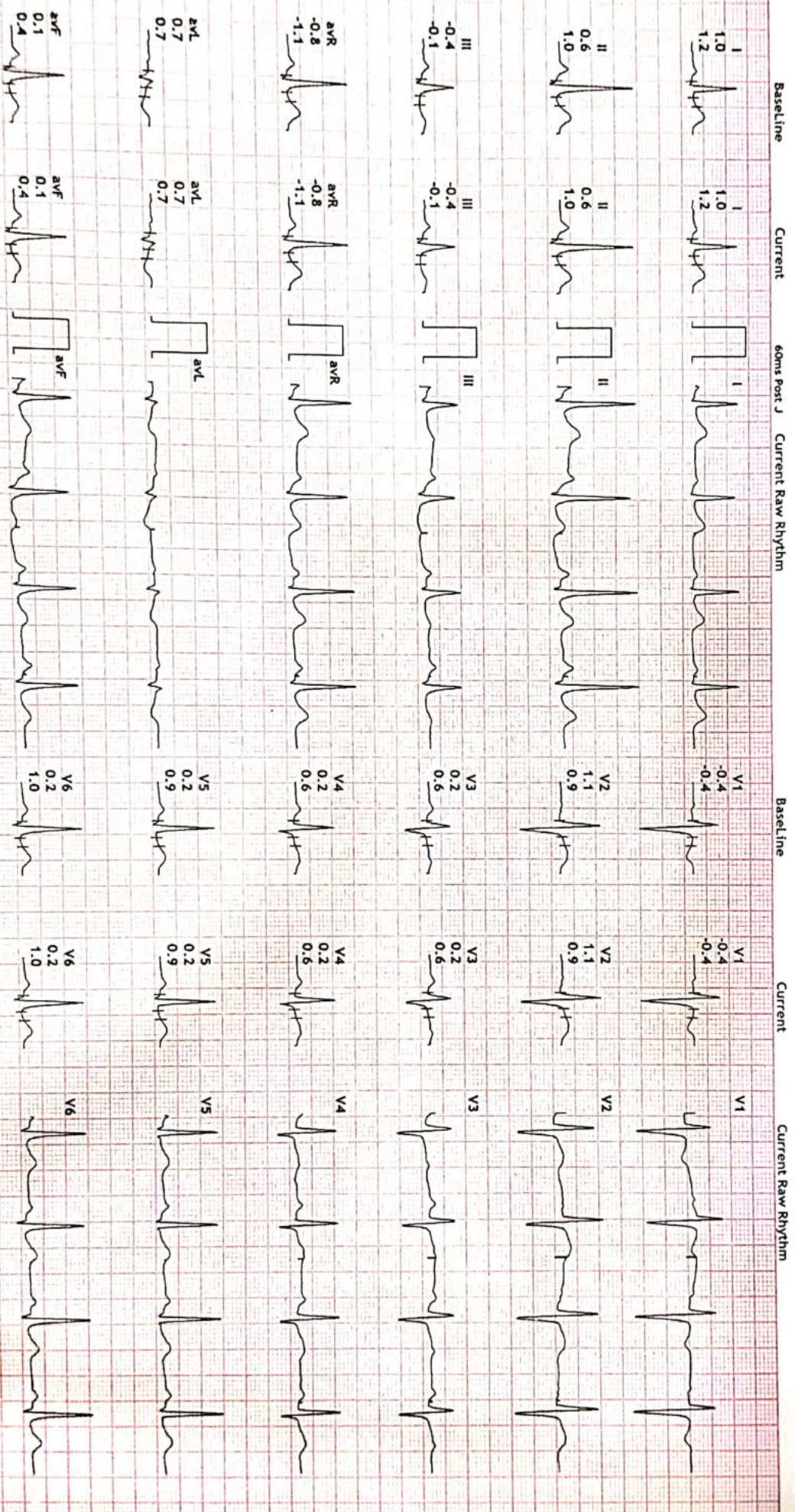
HR: 92 bpm
 METS: 1.0
 BP: 121/81

MpHR: 48% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 00:59
 BLC : On
 Notch : On

HV
 10.0 mm/mV
 25 mm/Sec.



2023 / 11/08/2023 11:16:53 AM

Print Date: 14-Apr-2023

DR. R. K MISHRA

573 / ANSHU PANDEY
 30 Yrs Female
 49 Kg / 149 Cms
 Date: 14-Apr-2023 11:16:53 AM

HR: 91 bpm
 METS: 1.0
 BP: 121/81

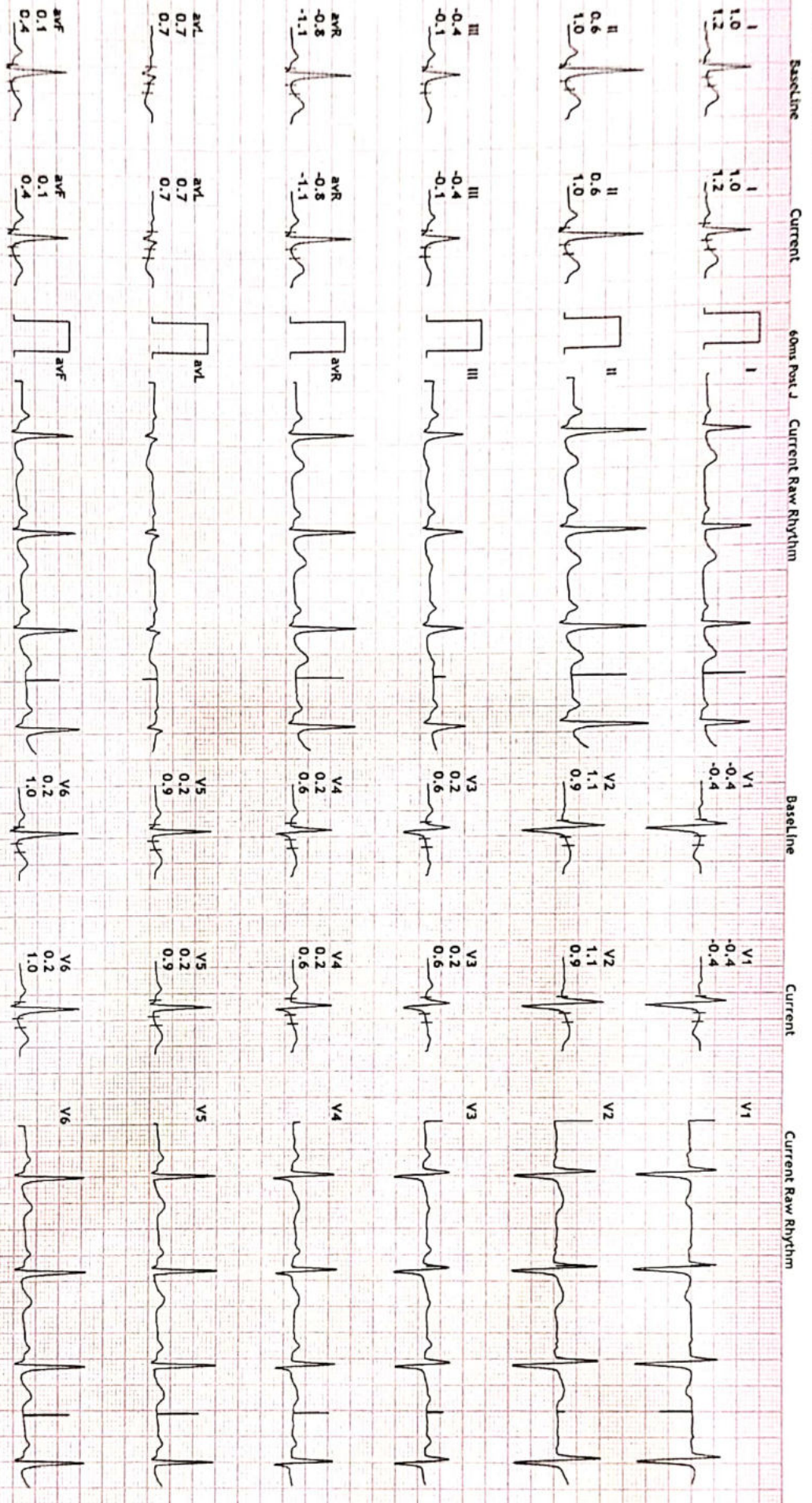
MPHR: 47% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 01:04
 BLC : On
 Notch : On

ExStart
 10.0 mm/mv
 25 mm/Sec.

12 Lead + Comparison



12 Lead + Comparison

LIFE CARE DIAGNOSTIC CENTER
 D D PURAM BAREILLY UP
 573/ANSHU PANDEY
 30 Yrs/Female
 49 Kg/149 Cms

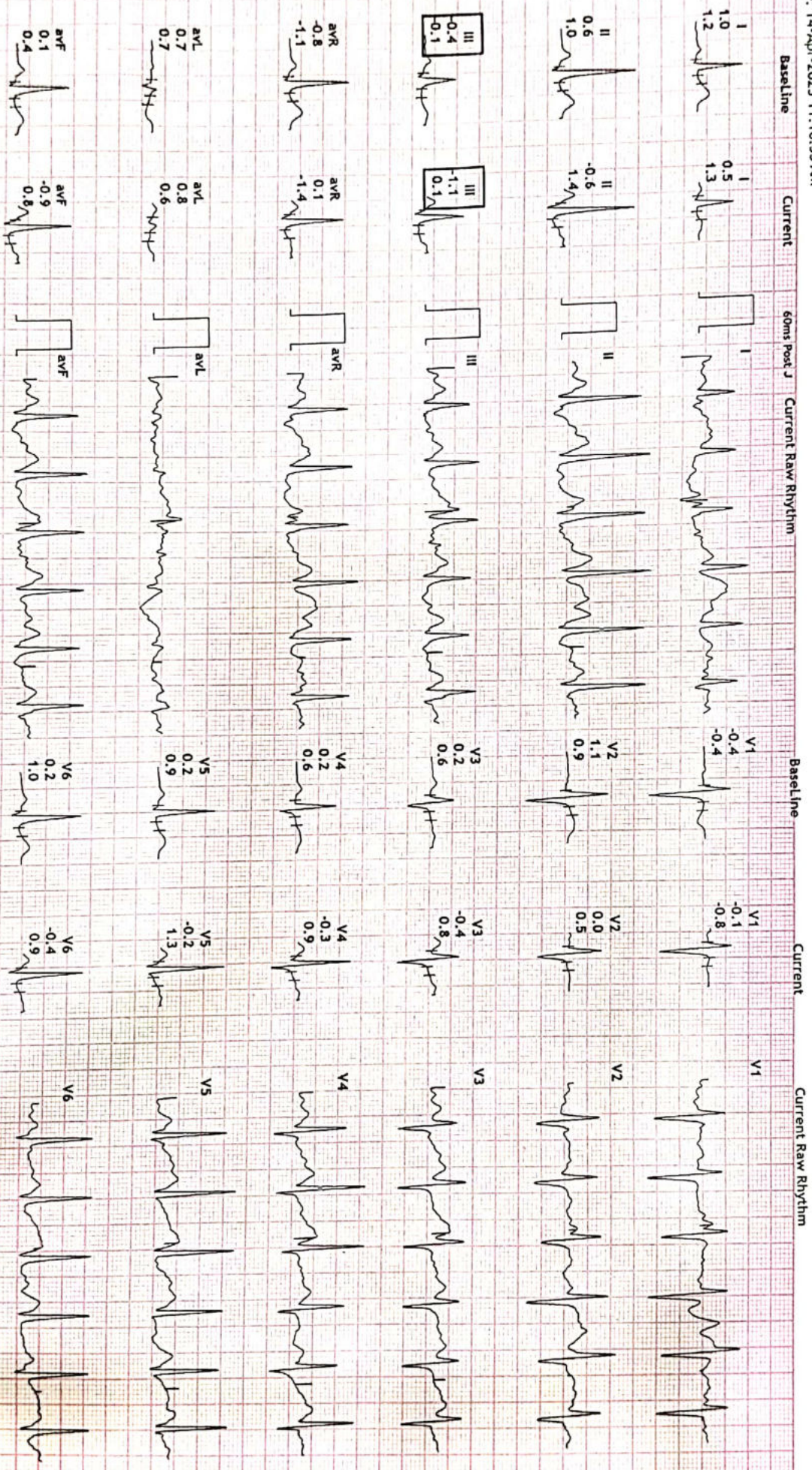
Date: 14-Apr-2023 11:16:53 AM

HR: 148 bpm
 METS: 4.7
 BP: 124/85

MpHR: 77% of 190
 Speed: 1.7 mph
 Grade: 10.0%

Ex Time 03:00
 BLC : On
 Notch : On

BRUCE: Stage 1 (300)
 10.0 mm/mV
 25 mm/Sec.



573/ANSHU PANDEY
30 Yrs/Female
49 Kg/149 Cms
Date: 14-Apr-2023 11:16:53 AM

HR: 158 bpm
METS: 7.1
BP: 128/86

MPHR: 83% of 190
Speed: 2.5 mph
Grade: 12.0%

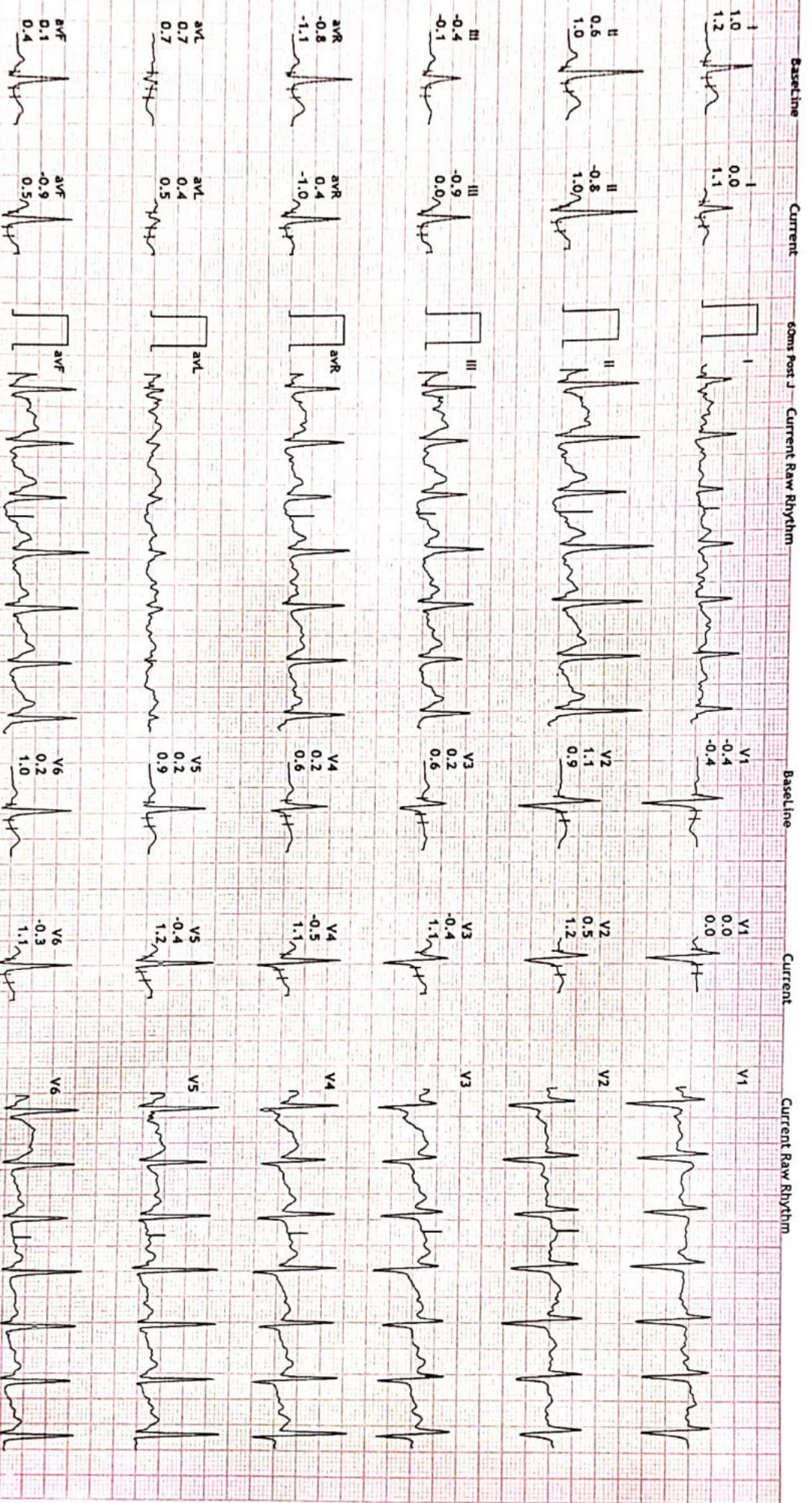
Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 06:00
BLC : On
Notch : On

BRUCE: Stage 2 (0:00)
10.0 mm/mv
25 mm/Sec.



12-lead + Comparison



D D PURAM BAREILLY UP

573/ANSHU PANDEY

30 Yrs/Female

49 Kg/149 Cms

Date: 14-Apr-2023 11:16:53 AM

HR: 181 bpm

MEFS: 10.2

BP: 132/88

MpHR: 95% of 190

Speed: 3.4 mph

Grade: 14.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 09:01

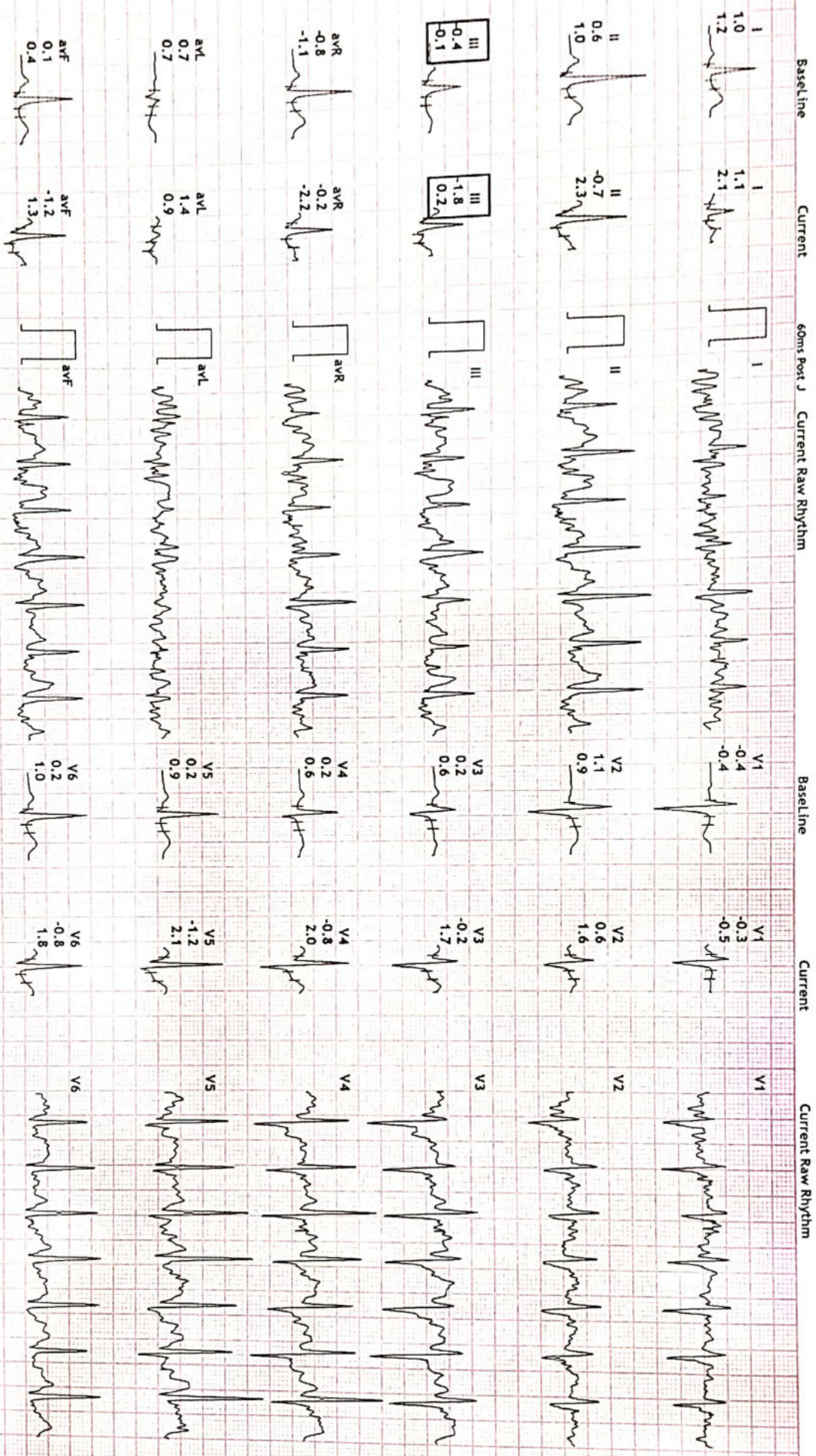
BLC : On

Notch : On

BRUCE: PeakEx(100)

10.0 mm/mV

25 mm/Sec.



REPORT FOR: PURAM DD UP 573 ANSHU PANDEY 30 YRS FEMALE 49 KG 149 CM

DATE: 14 APR 2023 11:16:53 AM

DR. R. K MISHRA

573/ANSHU PANDEY
30 Yrs/Female
49 Kg/149 Cms
Date: 14-Apr-2023 11:16:53 AM

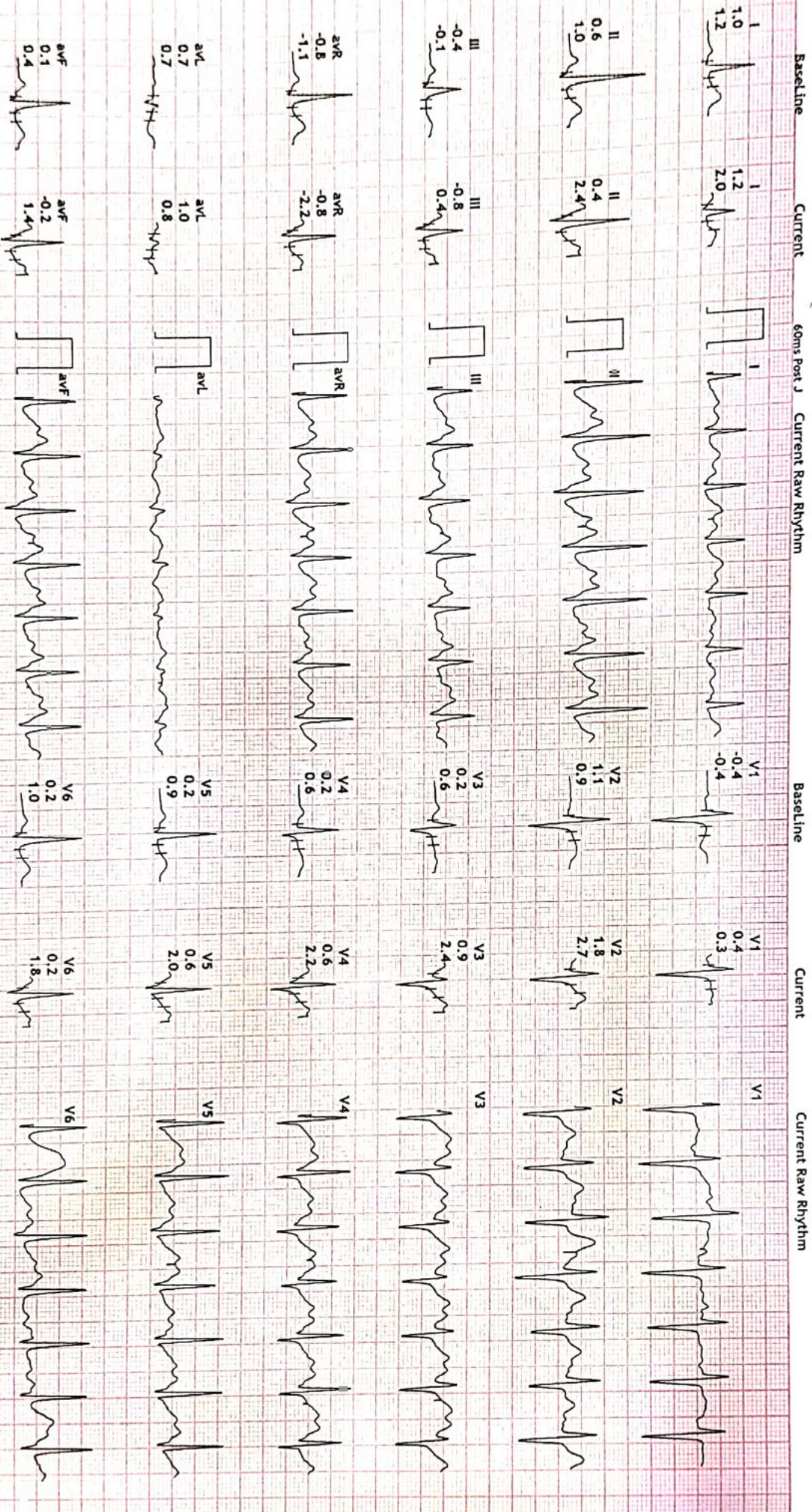
HR: 160 bpm
METs: 4.4
BP: 132/88

MpHR: 84% of 190
Speed: 1.1 mph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:02
BLC : On
Notch : On

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



LIFE CARE DIAGNOSTIC CENTER

12 Lead + Comparison

D D PURAM BAREILLY UP
 573/ANSHU PANDEY
 30 Yrs/Female
 49 Kg/149 Cms
 Date: 14-Apr-2023 11:16:53 AM

HR: 131 bpm
 METS: 1.0
 BP: 126/85

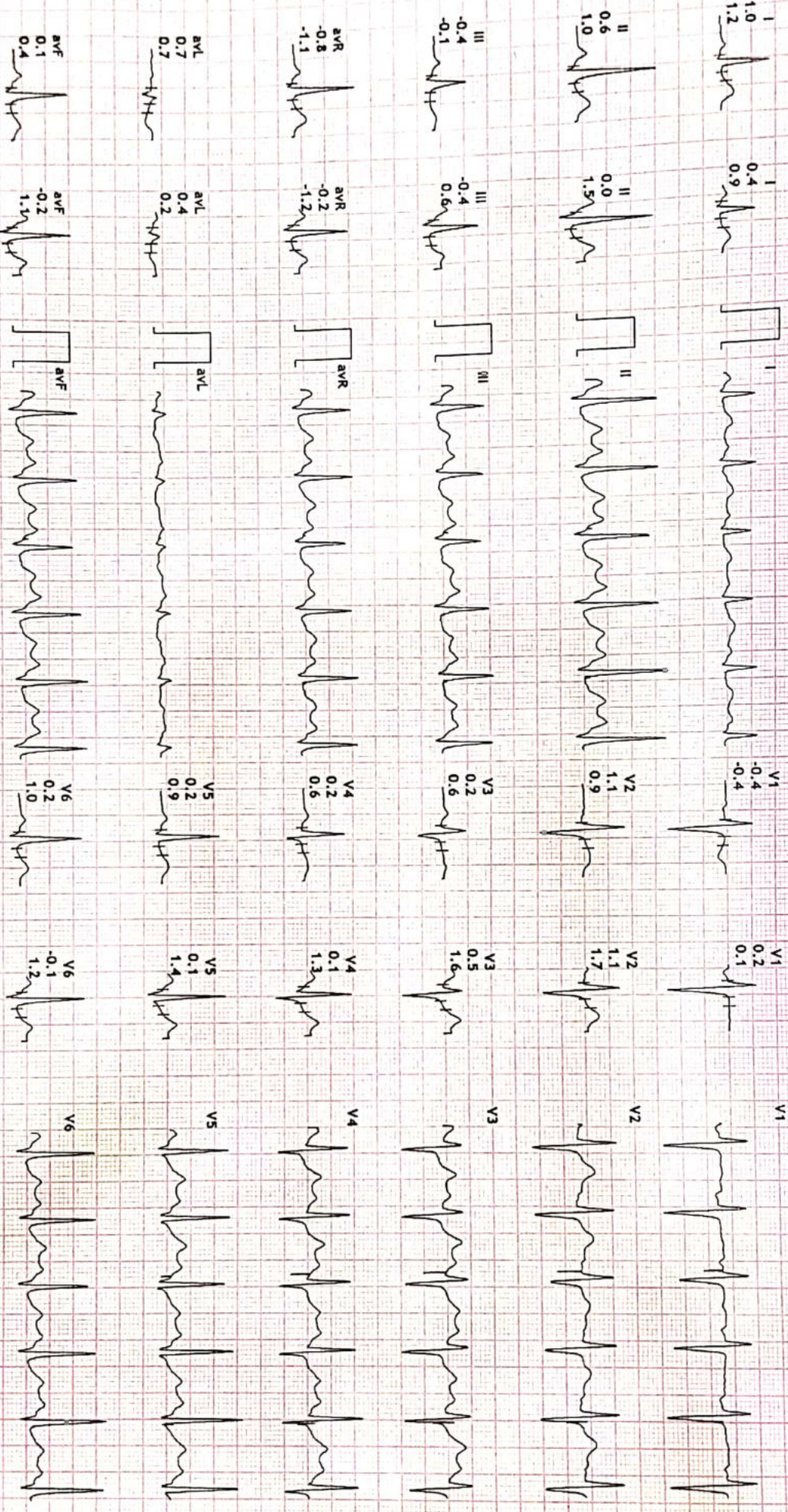
MpHR: 68% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 09:02
 BLC : On
 Notch : On



Baseline Current 60mm Post J Current Raw Rhythm Baseline Current Current Raw Rhythm



Dr. R. K. Mishra

14-Apr-2023

DR. R. K MISHRA

LIFE CARE DIAGNOSTIC CENTER

D D PURAM BAREILLY UP
 573/ANSHU PANDEY
 30 Yrs/Female
 49 Kg/149 Cms
 Date: 14-Apr-2023 11:16:53 AM

12 Lead + Comparison

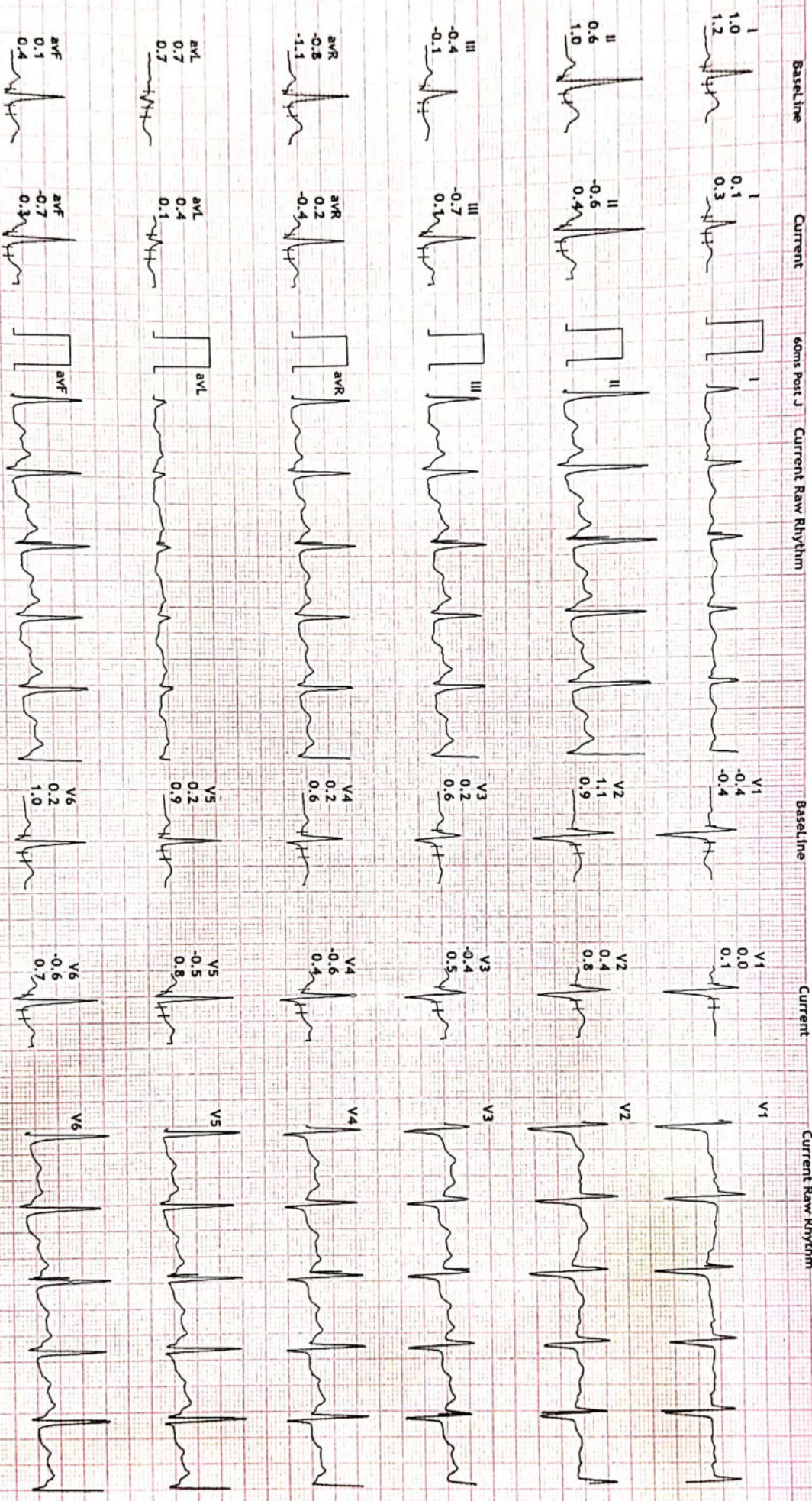
HR: 124 bpm
 METS: 1.0
 BP: 120/80

MPPHR: 65% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 09:02
 BLC : On
 Notch : On

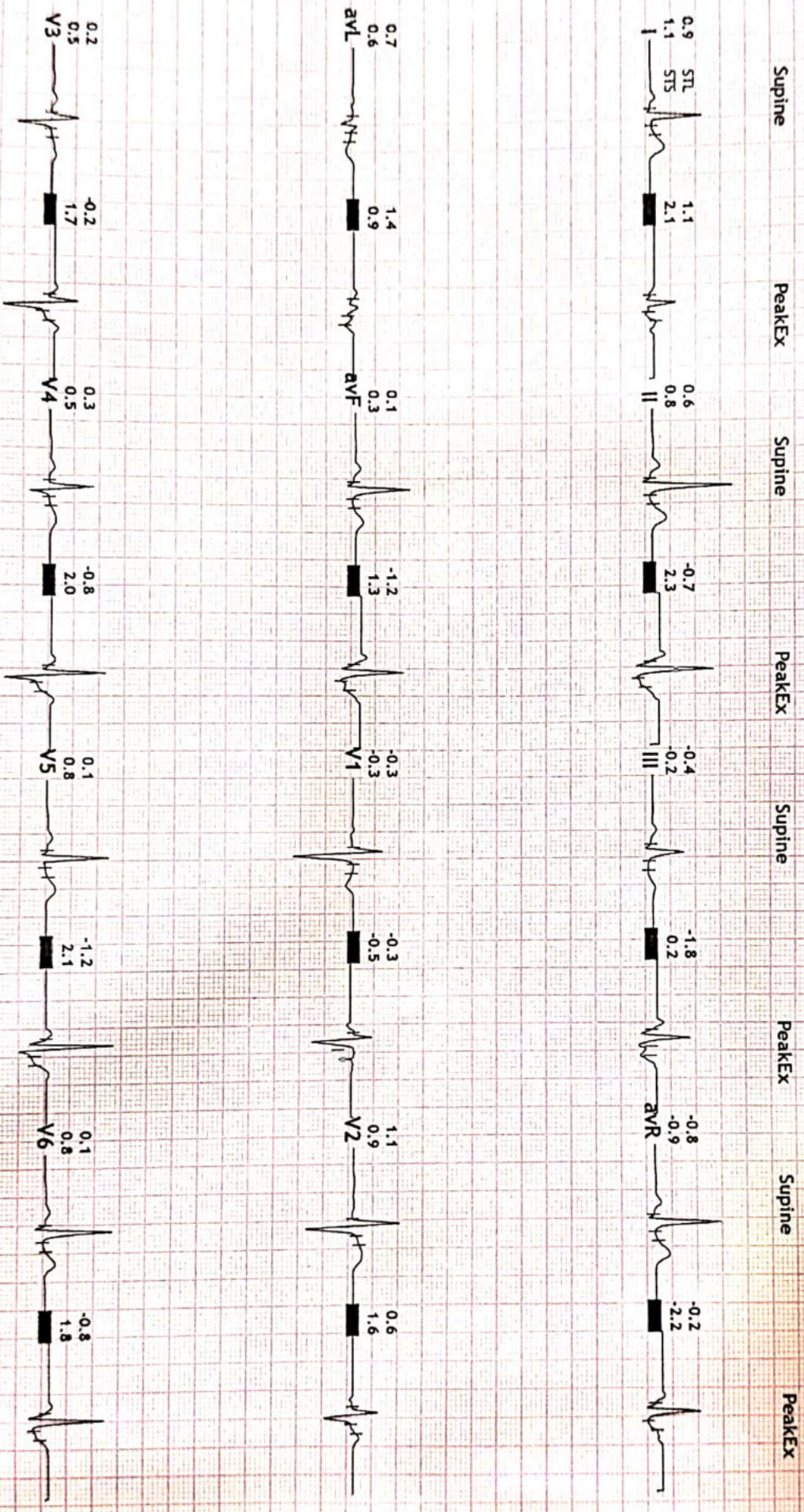
Recovery(3:00)
 10.0 mm/mV
 25 mm/Sec.



Protocol : BRUCE



Supine : PhTime 0:52 StageTime 0:01 0.0 mph 0.0% 1.0 METS 96 bpm 121/81 @70ms Post J
 PeakEx : PhTime: 9:02 StageTime: 0:02 4.2 mph 16.0% 10.2 METS 181 bpm 137/88 @33ms Post J



NAME Anshu Pandey

Date 14/04/2023

AGE 30/F

REST ECG REPORT

Position	N	P.Wave	N
Standardisation Imv	N	PR Interval	N
Mechanism	N	QRS Complexes	N
Voltage	N	Q-T Duration	N
Electrical Axis	N	S.T Segment	N
Auricular Rate	90/4	T-Wave	N
Ventricular Rate	90/4	Q-Wave	N
Additional Findings, If Any			

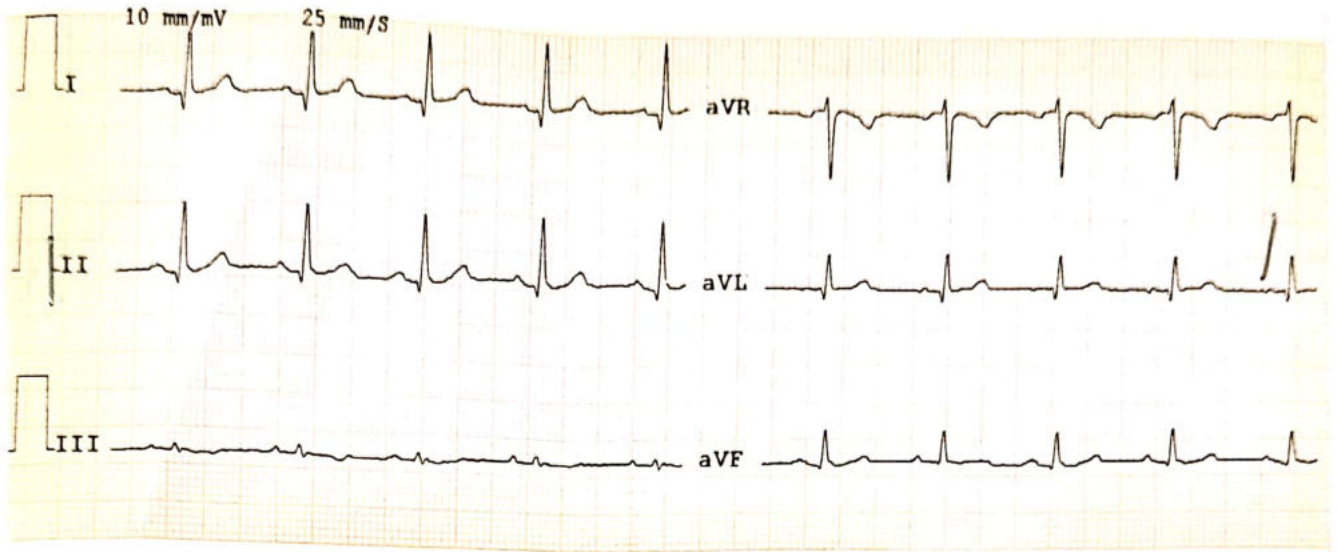
COncclusion : W.N.L



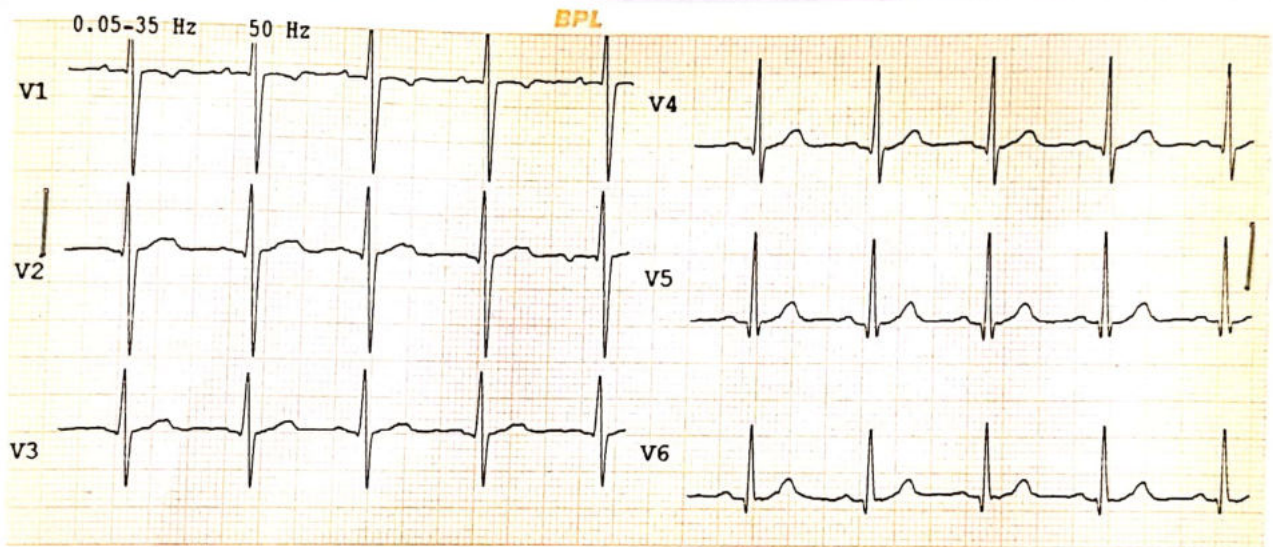
Signature of the Medical Examiner (M.E)


Life Care Diagnostic Center
Dr. R. K. Mishra
M.D. Medicine
Reg. No. 58249

Anshu Pandey



CARDIART




Life Care Diagnostic Center
Dr. R. K. Mishra
M.D. Medicine
Reg. No. 58249

LIFE CARE DIAGNOSTIC CENTRE

D.D. Puram, Stadium Road, Bareilly | Mob. 7310875792,

Name- Anshu Pandey Date - 14/04/2023

Age - 30/F

RE \Rightarrow -0.75 100° 6/6

LE \Rightarrow -0.50 70° 6/6

without specs.

RE \Rightarrow 6/12

LE \Rightarrow 6/9.





SATYADEEP ULTRASOUND & PATHOLOGY CENTRE

B-55, Deen Dayal Puram, Adjacent to O2 Gym, Bareilly - 243122

NAME: ANSHU PANDEY	SEX: FEMALE	AGE: 30 YEARS
REFERRED BY: SELF	DATE: 14/04/2023	

ABDOMINO-PELVIC SONOGRAPHY

Liver is normal in size with normal shape and texture. No focal lesions.
Portal vein is normal.

Gall Bladder is well distended. Wall thickness normal. No calculus. No sludge.
No evidence of IHBR dilatation. CBD is normal.

Pancreas is normal in size, outline and echo texture. No focal lesion.

Spleen is normal in size, outline and echo texture. No focal lesion.

Right kidney

Normal in size and echo texture. Cortico-medullary differentiation is preserved.
No evidence of hydronephrosis or calculi. The ureter is not dilated

Left kidney

Normal in size and echo texture. Cortico-medullary differentiation is preserved.
No evidence of hydronephrosis or calculi. The ureter is not dilated.

Urinary Bladder is distended.

Normal in outline, wall thickness. No mural lesion / calculi.

PELVIS:

- **Uterus:** Anteverted , normal in size .
- The endo and myometrium are normal.
- ET measures- 4.5 mm , hyperechoic and regular.
- Bilateral ovaries are normal.
- No adnexal mass. No free fluid in POD.

No evidence of ascites or lymphadenopathy.

Both iliac fossa - No mass / collection. No evidence of bowel thickening

IMPRESSION:

- **NO SIGNIFICANT ABNORMALITY DETECTED.**
Please correlate clinically.

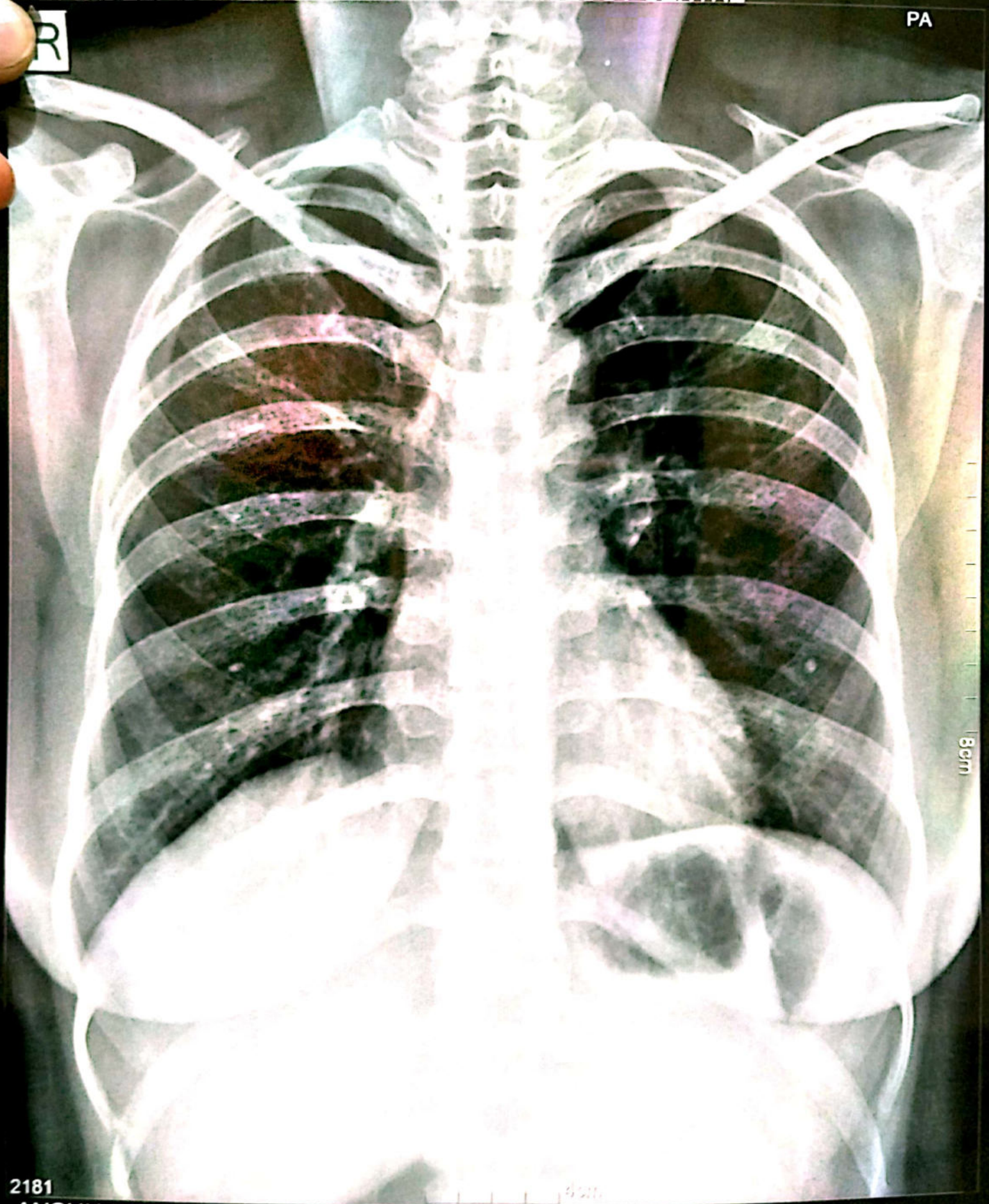
DR RAJAT SAXENA
MBBS,DMRD RADIOLOGIST



NOT VALID FOR MEDICO LEGAL PURPOSE

PA

R



2181 ANSHU PANDAY 30Y Female CHEST PAT002970 14-04-2023



NAME:	ANSHU PANDEY	AGE/SEX:	30Y/F	DATE:	14/04/2022
REF BY:	SELF				

CHEST X RAY (PA-VIEW)

Bilateral lung parenchyma appears normal.

Trachea central.

Bilateral CP angles normal.

Cardiac shadow appears normal.

Mediastinal shadows appear normal.

Bony rib cage and soft tissue shadows normal.

Please correlate clinically.

DR RAJAT SAXENA
MBBS, DMRDRADIOLOGIST





LIFE CARE DIAGNOSTIC CENTRE

D.D. Puram, Stadium Road, Bareilly | Mob. 7310875792, 8923560226

Name **Mrs. ANSHU PANDEY**

Patient Id **2304144010**

Ref. By **MEDI WHEEL**

Receiving On **14/04/2023**

Age/Sex **30 Yrs. F**

Reporting on **15/04/2023**

Investigation **COMPLETE HAEMOGRAM, LIPID PROFILE, RFT, LFT, B.GR, Rh, HB A1C, Sug F, SUGAR, PP, BUN, URINE ROUTINE & MICR...**

Test Name	Value	Unit	Normal Value
<u>COMPLETE HAEMOGRAM</u>			
HAEMOGLOBIN (Hb)	11.2	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	5,000	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	32	%	20 - 45
EOSINOPHIL	04	%	01 - 06
MONOCYTE	00	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	09	mm/1st hr.	0 - 20
R B C COUNT	3.82	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	36.4	%	35 - 45
M C V	95.2	fl.	80 - 100
M C H	29.0	Picogram	27.0 - 31.0
M C H C	30.4	gm/dl	33 - 37
PLATELET COUNT	2.85	Lakh/cmm	1.50 - 4.00
RDW	12.7	FL	11.5 - 14.5
MPV	11.1	FL	7.5 - 11.5
PDW	13.6		6.5 - 15.2
<u>LIPID PROFILE</u>			
TRIGLYCERIDES	168.1	mg/dL	40.0 - 165.0
TOTAL CHOLESTEROL	212.0	mg/dL	123.0 - 199.0
H D L CHOLESTEROL DIRECT	58.6	mg/dL	40.0 - 79.4

Fully Computerized Diagnostic Lab

Not Valid for Medico Legal Purpose

*This is a pathological opinion, not the diagnosis
Kindly correlate clinically*

SEROLOGY | BIOCHEMISTRY | MICROBIOLOGY | HISTOPATHOLOGY
COMPLETE HEMATOLOGY | SEMEN ANALYSIS



LIFE CARE DIAGNOSTIC CENTRE

D.D. Puram, Stadium Road, Bareilly | Mob. 7310875792, 8923560226

Name Mrs. ANSHU PANDEY
Ref. By MEDI WHEEL
Age/Sex 30 Yrs. F

Patient Id 2304144010
Receiving On 14/04/2023
Reporting on 15/04/2023

Investigation COMPLETE HAEMOGRAM, LIPID PROFILE, RFT, LFT, B.GR, Rh, HB A1C, Sug F,
SUGAR PP, BUN, URINE ROUTINE & MICR....

Test Name	Value	Unit	Normal Value
VLDL	33.62	mg/dL	4.7 - 22.1
LDL CHOLESTEROL DIRECT	119.78	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.618		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.044		0.00 - 3.55
<u>KIDNEY FUNCTION TEST (RFT)</u>			
SERUM CREATININE	0.86	mg/dL	0.5 - 1.4
SERUM URIC ACID	4.70	mg%	2.4 - 6.2
SODIUM	139.5	mEq/L	136.0 - 149.0
POTASSIUM	4.24	mEq/L	3.5 - 5.5
<u>LIVER FUNCTION TEST (LFT)</u>			
BILIRUBIN TOTAL	0.78	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.22	mg/dl	0.00 - 0.25
UNCONJUGATED (I.D. Bilirubin)	0.56	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.84	gm/dl	6.6 - 8.3
ALBUMIN	4.27	gm/dl	3.4 - 4.8
GLOBULIN	2.57	gm/dl	2.3 - 3.5
A/G RATIO	1.661		
SGOT	25.71	IU/L	0 - 40
SGPT	29.68	IU/L	0.0 - 40.0
ALKALINE PHOSPHATASE IFCC Method	74.5	U/L	35.0 - 104.0
GAMMA GT	34.22	IU/L	6.0 - 42.0
LFT INTERPRET			

Fully Computerized Diagnostic Lab

Not Valid for Medico Legal Purpose

*This is a pathological opinion, not the diagnosis
Kindly correlate clinically*

SEROLOGY | BIOCHEMISTRY | MICROBIOLOGY | HISTOPATHOLOGY
COMPLETE HEMATOLOGY | SEMEN ANALYSIS



LIFE CARE DIAGNOSTIC CENTRE

D.D. Puram, Stadium Road, Bareilly | Mob. 7310875792, 8923560226

Name Mrs. ANSHU PANDEY

Ref. By MEDI WHEEL

Age/Sex 30 Yrs. F

Patient Id 2304144010

Receiving On 14/04/2023

Reporting on 15/04/2023

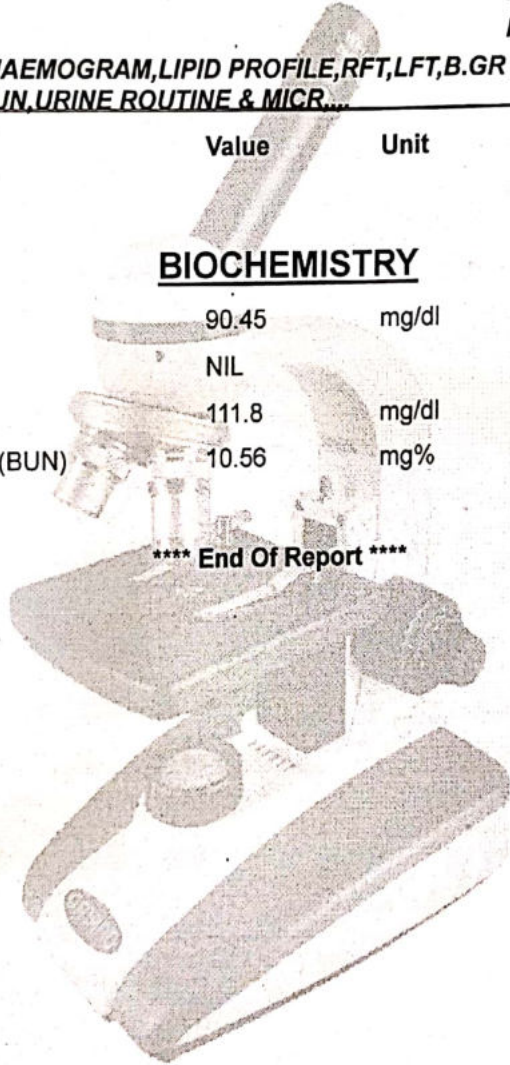
Investigation COMPLETE HAEMOGRAM,LIPID PROFILE,RFT,LFT,B.GR ,Rh,HB A1C,Sug F,
SUGAR PP,BUN,URINE ROUTINE & MICR...

Test Name	Value	Unit	Normal Value
-----------	-------	------	--------------

BIOCHEMISTRY

BLOOD SUGAR FASTING	90.45	mg/dl	60 - 100
URINE SUGAR FASTING	NIL		NIL
BLOOD SUGAR PP	111.8	mg/dl	70 - 140
BLOOD UREA NITROGEN (BUN)	10.56	mg%	6.0 - 20.0

**** End Of Report ****



Dr.PANKAJ TRIPATHI
MBBS, MD (PATHOLOGIST)
GOLD MEDALIST

Not Valid for Medico Legal Purpose

Fully Computerized Diagnostic Lab

*This is a pathological opinion, not the diagnosis
Kindly correlate clinically*

SEROLOGY | BIOCHEMISTRY | MICROBIOLOGY | HISTOPATHOLOGY
COMPLETE HEMATOLOGY | SEMEN ANALYSIS



LIFE CARE DIAGNOSTIC CENTRE

D.D. Puram, Stadium Road, Bareilly | Mob. 7310875792, 8923560226

Name Mrs. ANSHU PANDEY
Ref. By MEDI WHEEL
Age/Sex 30 Yrs. F

Patient Id 2304144010
Receiving On 14/04/2023
Reporting on 15/04/2023

Investigation COMPLETE HAEMOGRAM, LIPID PROFILE, RFT, LFT, B. GR, Rh, HB A1C, Sug F,
SUGAR PP, BUN, URINE ROUTINE & MICR...

Test Name	Value	Unit	Normal Value
-----------	-------	------	--------------

HAEMATOLOGY

BLOOD GROUP ABO

"O"

RH TYPING

POSITIVE

HB A1C

4.87 %

EXPECTED VALUES :-

Metabolically healthy patients	=	4.8 - 5.5 % HbA1C
Good Control	=	5.5 - 6.8 % HbA1C
Fair Control	=	6.8 - 8.2 % HbA1C
Poor Control	=	>8.2 % HbA1C

REMARKS:-

In vitro quantitative determination of HbA1C in whole blood is utilized in long term monitoring of glycemia

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 glycemia 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.

**** End Of Report ****

Dr. PANKAJ TRIPATHI
MBBS, MD (PATHOLOGIST)
GOLD MEDALIST

Not Valid for Medico Legal Purpose

Fully Computerized Diagnostic Lab

This is a pathological opinion, not the diagnosis
Kindly correlate clinically

SEROLOGY | BIOCHEMISTRY | MICROBIOLOGY | HISTOPATHOLOGY
COMPLETE HEMATOLOGY | SEMEN ANALYSIS



LIFE CARE DIAGNOSTIC CENTRE

D.D. Puram, Stadium Road, Bareilly | Mob. 7310875792, 8923560226

Name Mrs. ANSHU PANDEY

Ref. By MEDI WHEEL

Age/Sex 30 Yrs. F

Patient Id 2304144010

Receiving On 14/04/2023

Reporting on 15/04/2023

Investigation COMPLETE HAEMOGRAM, LIPID PROFILE, RFT, LFT, B.GR, Rh, HB A1C, Sug F, SUGAR PP, BUN, URINE ROUTINE & MICR,...

Test Name	Value	Unit	Normal Value
-----------	-------	------	--------------

URINE EXAMINATION TEST

PHYSICAL EXAMINATION

QUANTITY	20	ml.	
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.025		
PH	6.5		

CHEMICAL EXAMINATION

ALBUMIN	NIL		
REDUCING SUGAR	NIL		

MICROSCOPIC EXAMINATION

PUS CELLS	3-4	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	2-3	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

**** End Of Report ****

Dr. PANKAJ TRIPATHI
 MBBS, MD (PATHOLOGIST)
 GOLD MEDALIST
 Not Valid for Medico Legal Purpose

Fully Computerized Diagnostic Lab

*This is a pathological opinion, not the diagnosis
Kindly correlate clinically*

SEROLOGY | BIOCHEMISTRY | MICROBIOLOGY | HISTOPATHOLOGY
COMPLETE HEMATOLOGY | SEMEN ANALYSIS



Accuracy Matters...

Barcode No	84038548	Lab No	00012304150850
Patient Name	Mrs.ANSHU PANDEY	Reg Date	15/Apr/2023 04:22AM
Age Sex	30 YRS/Female	Sample Coll. Date	15/Apr/2023 04:22 AM
Referred By	DR. MEDIWHEEL	Sample Rec.Date	15/Apr/2023 04:37 AM
Client Code/Name	AP030201 Life Care Pathology	Report Date	15/Apr/2023 07:09AM
Ref. Lab/Hosp			
Panel Address	Shop No-6 Patel Complex Near Sai Hospital Stadium Road Bareilly 243001		

.IMMUNO BIOCHEMISTRY-1

Test Name With Methodology	Result	Unit	Biological Ref.Interval
Thyroid Profile-I [T3,T4,TSH]			
T3 (Trilodothyronine) <small>Serum, Electro Chemi Luminescent Immuno Assay</small>	142	ng/dl	60-181
T4 (Thyroxine) <small>Serum, Electro Chemi Luminescent Immuno Assay</small>	7.69	ug/dl	4.5-12.6
TSH (Ultrasensitive) <small>Serum, Electro Chemi Luminescent Immuno Assay</small>	1.60	uIU/mL	0.13-6.33

Comments:

- Our reference range applies the central 95th interval (2.5th – 97.5th quantile) according to the CLSI/FCC guidelines EP28-A3c.
- A circadian variation in serum TSH in healthy subjects is well documented. TSH level is reaching peak levels between 2-4 am and at a minimum between 6-10 pm. The variation is of the order of 50%, hence time of the day has influence on the value of TSH.
- TSH levels between 6.3 and 15.0 may represent subclinical or compensated hypothyroidism or show considerable physiological & seasonal variation, suggest clinical correlation or repeat testing with fresh sample.
- TSH levels may be transiently altered because of non-thyroid illness, like severe infection, renal disease, liver disease, heart disease, severe burns, trauma, surgery etc. Few drugs also altered the TSH values.
- A high TSH result often means an underactive thyroid gland caused by failure of the gland (hypothyroidism). A low TSH result can indicate an overactive thyroid gland (hyperthyroidism) or damage to the pituitary gland that prevents it from producing TSH.
- Resistance to thyroid hormone (RTH) and central hyperthyroidism (TSH-oma) are rare conditions associated with elevated TSH, T4 and T3 levels.

Below mentioned are the guidelines for age reference ranges for T3,T4 and TSH results:

Age	Total T3 (ng/dl)	Total T4 (ug/dl)	TSH (uIU/ml)
1 - 6 days	73 - 288	5.04 - 18.5	0.7 - 15.0
6 days - 3 months	80 - 275	5.41 - 17.0	0.72 - 11.0
4 - 12 months	86 - 265	5.67 - 16.0	0.73 - 8.35
1 - 6 years	92 - 248	5.95 - 14.7	0.70 - 5.97
7 - 11 years	93 - 231	5.99 - 13.8	0.60 - 5.84
12 - 20 years	91 - 218	5.91 - 13.2	0.51 - 6.50
>20 years	60 - 181	4.50 - 12.6	0.13 - 6.33

TSH Level in pregnancy

First Trimester	0.10 - 2.5 uIU/ml
Second Trimester	0.20 - 3.0 uIU/ml
Third Trimester	0.30 - 3.0 uIU



Prashant
Dr Prashant Goyal
(Chief Pathologist)

