



TEST REPORT

Reg. No : 2211100845
Name : Ritu Mehra
Age/Sex : 25 Years / Female
Ref. By :
Client : MEDIWHEEL WELLNESS

Reg. Date : 08-Nov-2022
Collected On : 08-Nov-2022 09:37
Approved On : 08-Nov-2022 11:31
Printed On : 08-Dec-2022 16:46

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
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KIDNEY FUNCTION TEST

UREA <i>(Urease & glutamate dehydrogenase)</i>	13.9	mg/dL	10 - 50
Creatinine <i>(Jaffe method)</i>	0.59	mg/dL	0.5 - 1.2
Uric Acid <i>(Enzymatic colorimetric)</i>	3.9	mg/dL	2.5 - 7.0

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COMPLETE BLOOD COUNT (CBC)

SPECIMEN: EDTA BLOOD

Hemoglobin	12.8	g/dL	12.0 - 15.0
RBC Count	3.93	million/cmm	3.8 - 4.8
Hematocrit (PCV)	37.9	%	40 - 54
MCH	32.6	Pg	27 - 32
MCV	96.4	fL	83 - 101
MCHC	33.8	%	31.5 - 34.5
RDW	14.1	%	11.5 - 14.5
WBC Count	7310	/cmm	4000 - 11000

DIFFERENTIAL WBC COUNT (Flow cytometry)

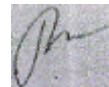
Neutrophils (%)	53	%	38 - 70
Lymphocytes (%)	40	%	20 - 40
Monocytes (%)	05	%	2 - 8
Eosinophils (%)	02	%	0 - 6
Basophils (%)	00	%	0 - 2
Neutrophils	3874	/cmm	
Lymphocytes	2924	/cmm	
Monocytes	366	/cmm	
Eosinophils	146	/cmm	
Basophils	0	/cmm	
Platelet Count (Flow cytometry)	302000	/cmm	150000 - 450000
MPV	9.4	fL	7.5 - 11.5

ERYTHROCYTE SEDIMENTATION RATE

ESR (After 1 hour)	06	mm/hr	0 - 21
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Modified Westergren Method

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Parameter

Result

BLOOD GROUP & RH

Specimen: EDTA and Serum; Method: Haemagglutination

ABO	'O'
Rh (D)	Positive

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LIPID PROFILE			
Cholesterol <i>(Enzymatic colorimetric)</i>	159.2	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>(Enzymatic colorimetric)</i>	66.8	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
VLDL <i>Calculated</i>	13.36	mg/dL	15 - 35
LDL CHOLESTEROL	87.34	mg/dL	Optimal : < 100.0 Near / above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : >190.0
HDL Cholesterol <i>Homogeneous enzymatic colorimetric</i>	58.5	mg/dL	30 - 85
Cholesterol /HDL Ratio <i>Calculated</i>	2.72		0 - 5.0
LDL / HDL RATIO <i>Calculated</i>	1.49		0 - 3.5



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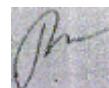
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NEW ATP III GUIDELINES (MAY 2001), MODIFICATION OF NCEP<?xml:namespace prefix = "o" ns = "urn:schemas-microsoft-com:office:office" />

LDL CHOLESTEROL
CHOLESTEROL
HDL CHOLESTEROL
TRIGLYCERIDES
Optimal<100
Desirable<200
Low<40
Normal<150
Near Optimal 100-129
Border Line 200-239
High >60
Border High 150-199
Borderline 130-159
High >240
-
High 200-499
High 160-189
-
-
-

- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment
 - For LDL Cholesterol level Please consider direct LDL value
- Risk assessment from HDL and Triglyceride has been revised. Also LDL goals have changed.
- Detail test interpreation available from the lab
 - All tests are done according to NCEP guidelines and with FDA approved kits.
 - LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment
- # For test performed on specimens received or collected from non-KSHIPRA locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender.
KSHIPRA will be responsible Only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.
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LIVER FUNCTION TEST WITH GGT			
Total Bilirubin <i>Colorimetric diazo method</i>	0.74	mg/dL	0.20 - 1.0
Conjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.39	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.35	mg/dL	0.0 - 1.1
SGOT <i>(Enzymatic)</i>	34.4	U/L	0 - 31
SGPT <i>(Enzymatic)</i>	26.9	U/L	0 - 31
GGT <i>(Enzymatic colorimetric)</i>	22.3	U/L	7 - 32
Alakaline Phosphatase <i>(Colorimetric standardized method)</i>	93.7	U/L	42 - 141
<u>Protien with ratio</u>			
Total Protein <i>(Colorimetric standardized method)</i>	6.2	g/dL	6.5 - 8.7
Albumin <i>(Colorimetric standardized method)</i>	3.7	mg/dL	3.5 - 4.94
Globulin <i>Calculated</i>	2.50	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.48		0.8 - 2.0

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HEMOGLOBIN A1 C ESTIMATION

Specimen: Blood EDTA

Hb A1C <i>Boronate Affinity with Fluorescent Quenching</i>	5.0	% of Total Hb	Poor Control : > 7.0 % Good Control : 6.2-7.0 % Non-diabetic Level : 4.3-6.2 %
Mean Blood Glucose <i>Calculated</i>	100.70	mg/dL	

Degree of Glucose Control Normal Range:

Poor Control >7.0% *

Good Control 6.0 - 7.0 %**Non-diabetic level < 6.0 %

* High risk of developing long term complication such as retinopathy, nephropathy, neuropathy, cardiopathy, etc.

* Some danger of hypoglycemic reaction in Type I diabetics.

* Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1c levels in this area.

EXPLANATION :-

*Total haemoglobin A1 c is continuously synthesised in the red blood cell through its 120 days life span. The concentration of HbA1c in the cell reflects the average blood glucose concentration it encounters.

*The level of HbA1c increases proportionately in patients with uncontrolled diabetes. It reflects the average blood glucose concentration over an extended time period and remains unaffected by short-term fluctuations in blood glucose levels.

*The measurement of HbA1c can serve as a convenient test for evaluating the adequacy of diabetic control and in preventing various diabetic complications. Because the average half life of a red blood cell is sixty days, HbA1c has been accepted as a measurement which reflects the mean daily blood glucose concentration, better than fasting blood glucose determination, and the degree of carbohydrate imbalance over the preceding two months.

*It may also provide a better index of control of the diabetic patient without resorting to glucose loading procedures.

HbA1c assay Interferences:

*Erroneous values might be obtained from samples with abnormally elevated quantities of other Haemoglobins as a result of either their simultaneous elution with HbA1c(HbF) or differences in their glycation from that of HbA(HbS)

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Fasting Blood Sugar (FBS) <i>Hexokinase Method</i>	84.0	mg/dL	70 - 110
Post Prandial Blood Sugar (PPBS) <i>Hexokinase Method</i>	105.0	mg/dL	70 - 140

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Approved by: DR PS RAO
MD Pathologist



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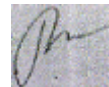
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THYROID FUNCTION TEST

T3 (Triiodothyronine) <i>Chemiluminescence</i>	0.99	ng/mL	0.87 - 1.78
T4 (Thyroxine) <i>Chemiluminescence</i>	13.69	µg/dL	5.89 - 14.9
TSH (ultra sensitive) <i>Chemiluminescence</i>	2.843	µIU/ml	0.34 - 5.6

SUMMARY The hypophyseal release of TSH (thyrotropic hormone) is the central regulating mechanism for the biological action of thyroid hormones. TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid. **LIMITATION** Presence of autoantibodies may cause unexpected high value of TSH

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URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity	20 cc
Colour	Pale Yellow
Appearance	Clear

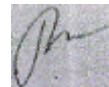
CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)

pH	6.0	5.0 - 8.0
Sp. Gravity	1.020	1.002 - 1.03
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urine Bile salt and Bile Pigment	Nil	
Urine Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MCIROSCOPY)

Leucocytes (Pus Cells)	Nil
Erythrocytes (Red Cells)	Occasional/hpf
Epithelial Cells	1-2/hpf
Amorphous Material	Nil
Casts	Nil
Crystals	Nil
Bacteria	Nil
Monilia	Nil

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STOOL EXAMINATION

Colour : Yellow
Consistency : Solid

CHEMICAL EXAMINATION

Occult Blood : Negative

Peroxidase Reaction with o-Dianisidine

Reaction : Acidic

pH Strip Method

Reducing Substance : Absent

Benedict's Method

MICROSCOPIC EXAMINATION

Mucus : Nil
Pus Cells : 1 - 2/hpf
Red Cells : Nil
Epithelial Cells : Nil
Vegetable Cells : Nil
Trophozoites : Nil
Cysts : Nil
Ova : Nil
Neutral Fat : Nil
Monilia : Nil

Note: Stool occult blood test is highly sensitive to peroxidase like activity of free hemoglobin.

False negative: False negative occult blood test may be observed in case of excess (>250mg/day) Vitamin C intake and in case of occasional unruptured RBCs.

False positive: False positive occult blood test may be observed in stool samples containing vegetable peroxidase (turnips, horseradish, cauliflower, broccoli, cantaloupe, parsnips) and myoglobin from food (meat diet) intake.

----- End Of Report -----

Name	:	Ritu Mehta	Age	:	25Yrs. / F
Thanks To	:	Self	Date	:	08/11/2022

ULTRASOUND STUDY OF WHOLE ABDOMEN

LIVER:

Liver is normal in size, shape & echotexture. No focal mass lesion is seen. Intra hepatic biliary radicles are normal. Portal vein is normal in caliber.

GALL BLADDER :

Gall bladder is well distended. The wall thickness appears normal. No evidence of calculus or mass lesion is seen. C.B.D. appears normal.

PANCREAS :

Pancreas is normal in size, shape & echotexture. No focal mass lesion is seen.

SPLEEN :

Spleen is normal in size, shape & echotexture. No focal mass lesion is seen.

BOTH KIDNEYS :

Both kidneys are normal in size, shape & echotexture. Renal parenchyma appears normal. No evidence of hydronephrosis, calculus or cortical scarring is seen in either kidney.

Right kidney measures : 9.5x 3.8 cms.

Left kidney measures : 1.00 x 4.7 cms.

URINARY BLADDER :

Urinary bladder is well distended and appears normal in contour. The wall thickness appears normal.

UTERUS :

Uterus is AVAF, normal in size, shape and echotexture. It measures 6.3 x 3.6 x 3.9 cms. Endometrial appears normal and measures 5.0 mm.

BOTH OVARIES :

Both ovaries are normal in size, shape and echotexture.

Right ovary measures: 2.4 x 2.7 cms.

Left ovary measures: 2.7 x 1.7 cms.

No obvious abdominal lymphadenopathy is seen.

No free fluid is seen in peritoneal cavity.

OPINION:

- No significant abnormality is seen.

Dr Ravi Soni
MD (Radiology-Diagnosis)
Consultant Radiologist

(This report is not valid for any Medico-legal purpose)

ENCL:- PCPNDT Registration Certificate is printed on the back side of this report.



Name	:	Ritu Mehta	Age	:	25Yrs. / F
Thanks To	:	Self	Date	:	08/11/2022

X-RAY CHEST (PA VIEW)

Both lung fields appear normal.

No e/o Koch's lesion or consolidation seen.

Both CP angles appear clear.

Both domes of diaphragm appear normal.

Heart size and aorta are within normal limits.

Bony thorax under vision appears normal.

Both hila appear normal.



Consultant Radiologist

(This report is not valid for any Medico-legal purpose)



12 Lead + Median

2209103061/MRS RITU MERRA18 bpm
25 Yrs/Female
0 Kg/0 Cms
Date: 08-Nov-2022 01:02:31 PM
BP: 120/80

MHR: 60% of 195
Speed: 1.1 mph
Grade: 0.0%

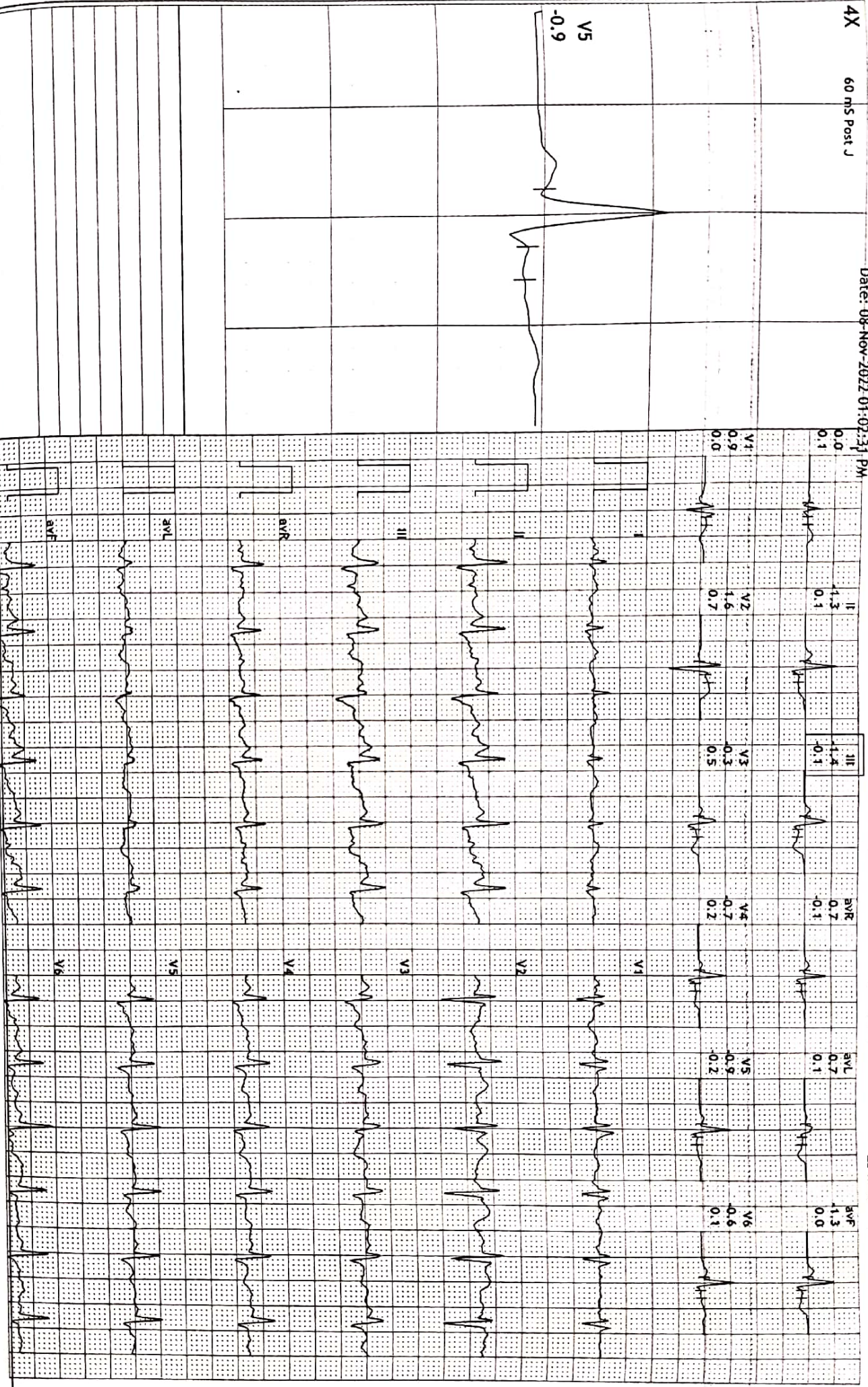
KSHIPRA SCANS & LABS
2B COURT CHOURAHA UDAIPUR

Raw ECG
BRUCE
(1.0-100)Hz
Ex Time 00:38
BLC :On
Notch :On

Supine
10.0 mm/mV
25 mm/Sec.

4X 60 mS Post J

V5 -0.9





12 Lead + Median

2209103061/MRS RITU MARRA 19 bpm
25 Yrs/Female
0 Kg/0 Cms
Date: 08-Nov-2022 01:02:31 PM

MPHR: 61% of 195
Speed: 1.1 mph
Grade: 0.0%

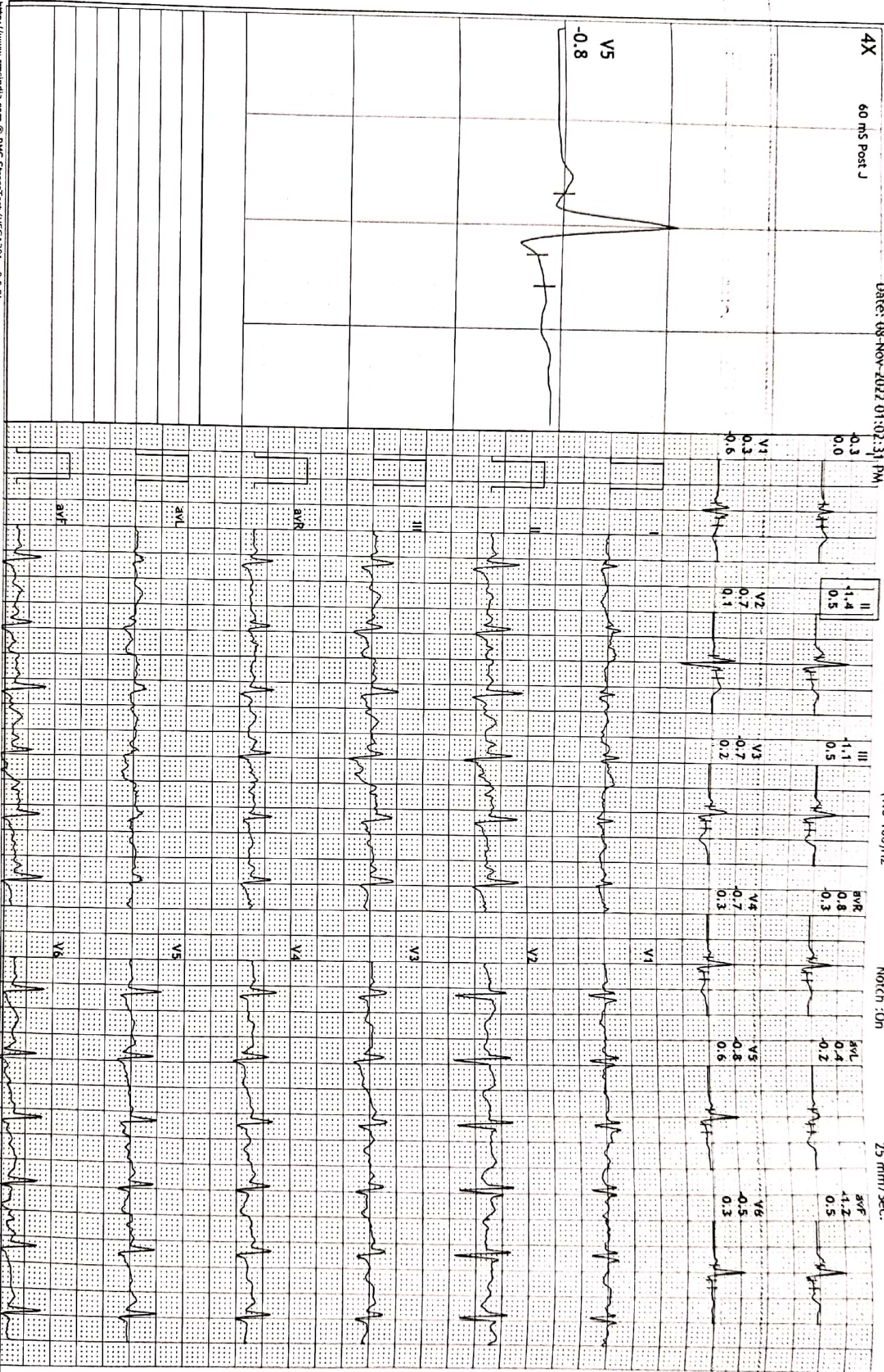
Raw ECG
BRUCE
(1.0-100)Hz
Ex Time 00:42
BLC: On
Notch: On

Standing
10.0 mm/mV
25 mm/Sec.

KSHIPRA SCANS & LABS 2B COURT CHOURAHA UDAIPUR

4X 60 ms Post J

V5
-0.8





12 Lead + Median

2209103061/MRS RITU AMBARRA 43 bpm
25 Yrs/Female
0 Kg/0 Cms
Date: 08-Nov-2022 01:02:31 PM

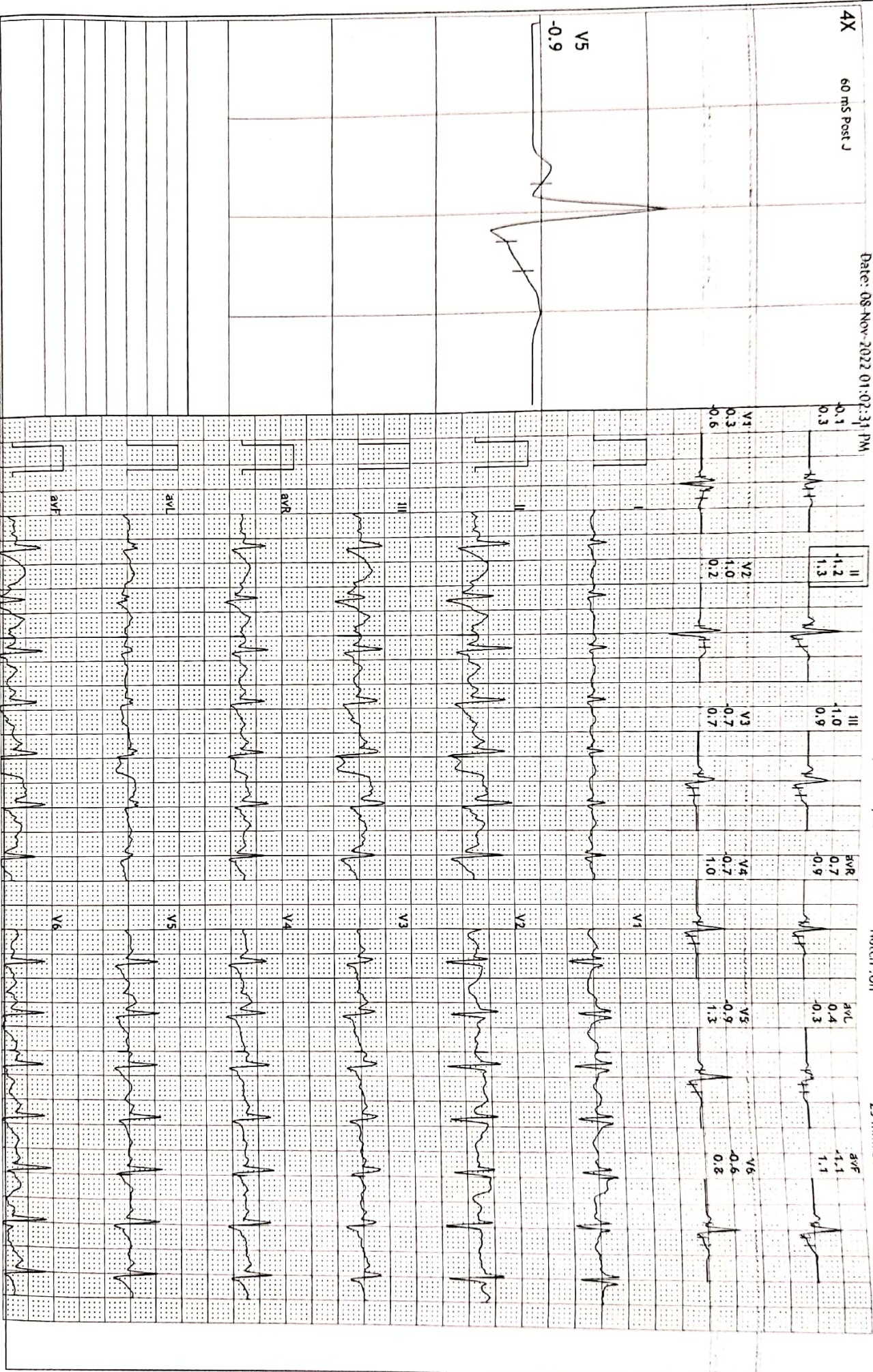
MPIR: 73% of 195
Speed: 1.7 mph
Grade: 10.0%

Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 03:00
BLC :On
Notch :On

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

4X 60 ms Post J





12 Lead + Median

2209103061/MRS RITU MARRA67 bpm
25 Yrs/Female
0 Kg/0 Cms
Date: 08-Nov-2022 01:02:31 PM

APHR: 85% of 195
Speed: 2.5 mph
Grade: 12.0%

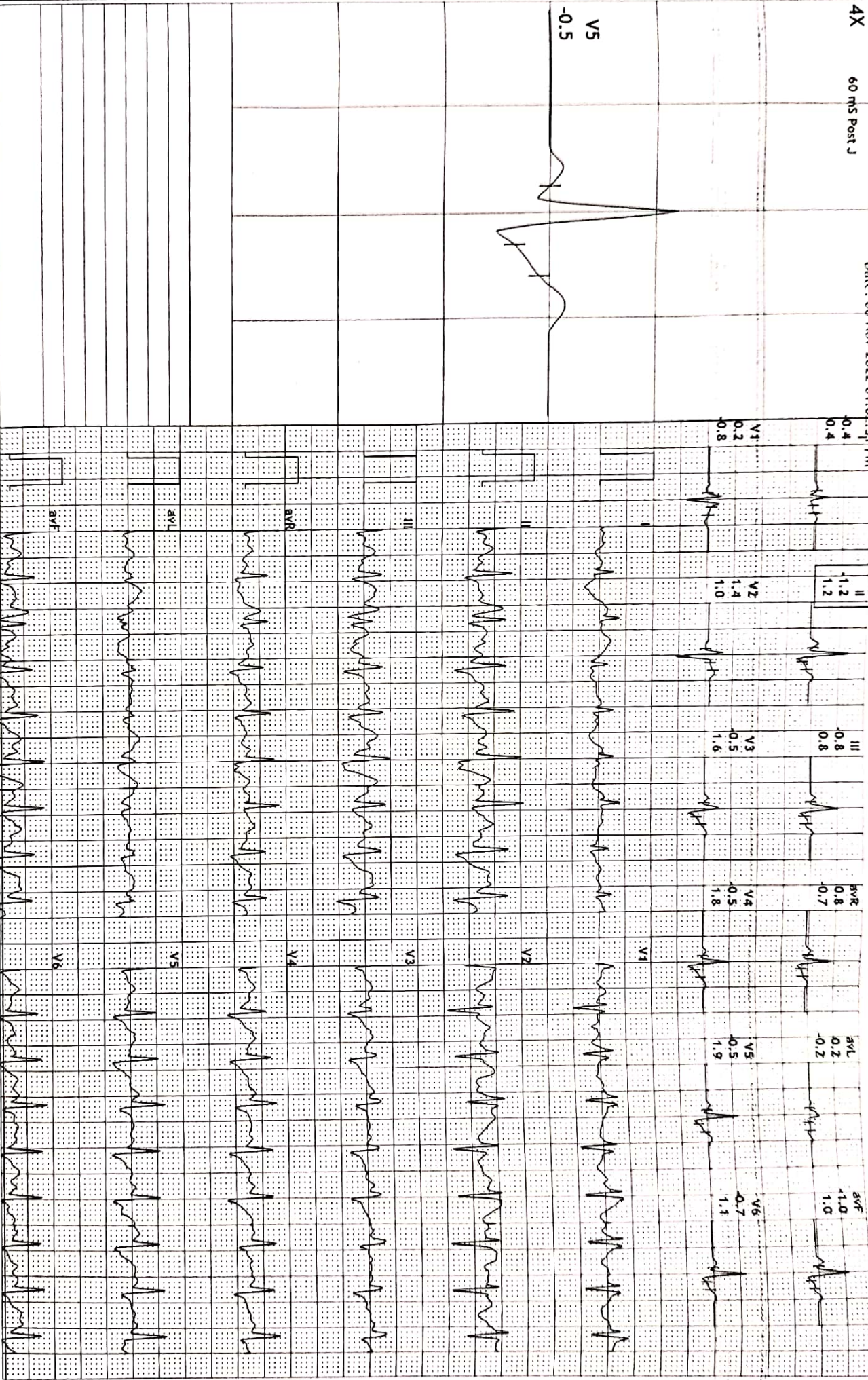
KSHIPRA SCANS & LABS
2B COURT CHOURAHA UDAIPUR

Raw ECG
BRUCE
(1.0-100)Hz
Ex Time 05:00
BLC: On
Notch: On

BRUCE: PeakEx(2:00)
10.0 mm/mV
25 mm/Sec.

4X 60 ms Post J

V5
-0.5





12 Lead + Median

2209103061/MRS RITU MARRA39 bpm
25 Yrs/Female
0 Kg/0 Cms
Date: 08-Nov-2022 01:02:31 PM

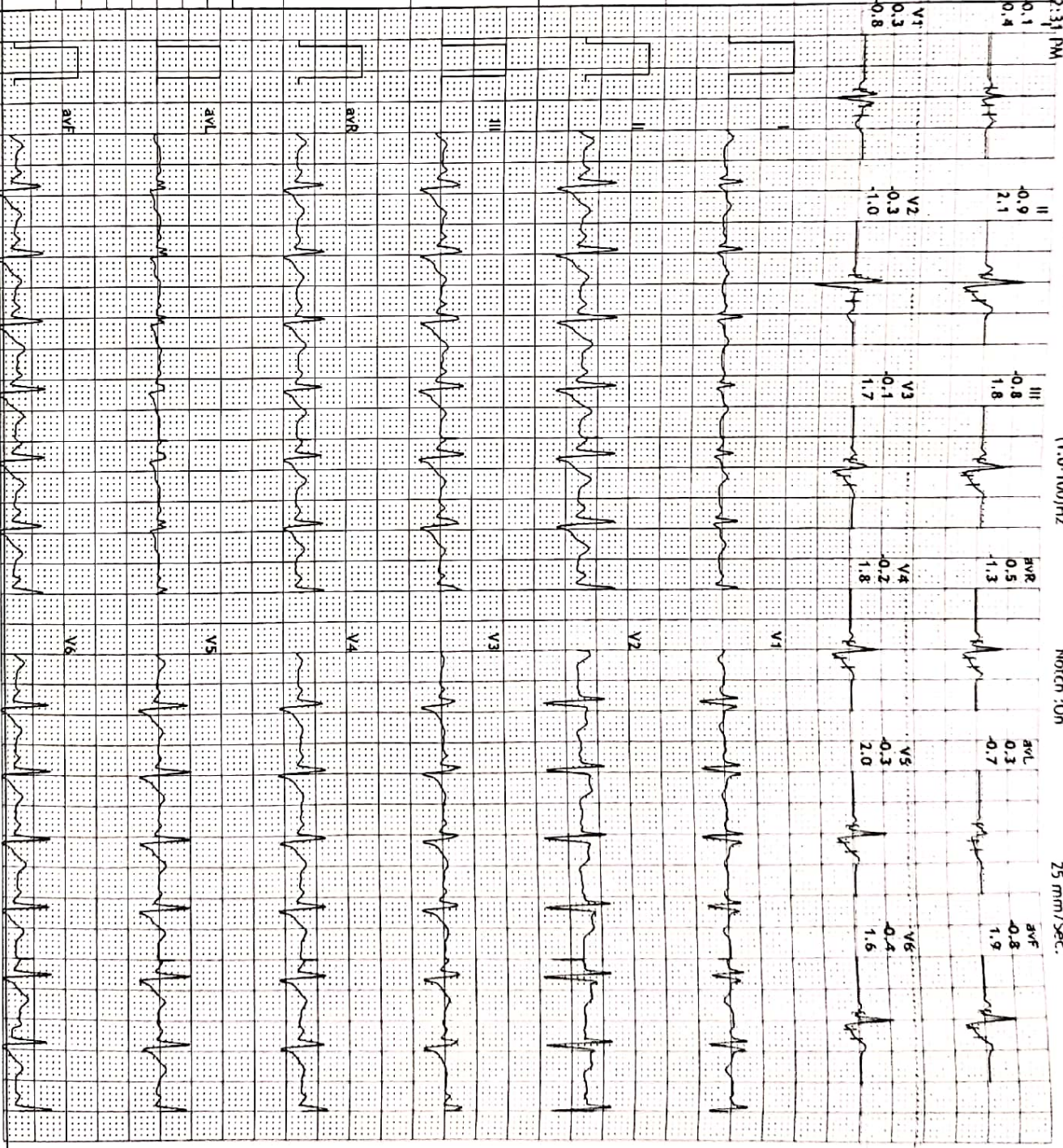
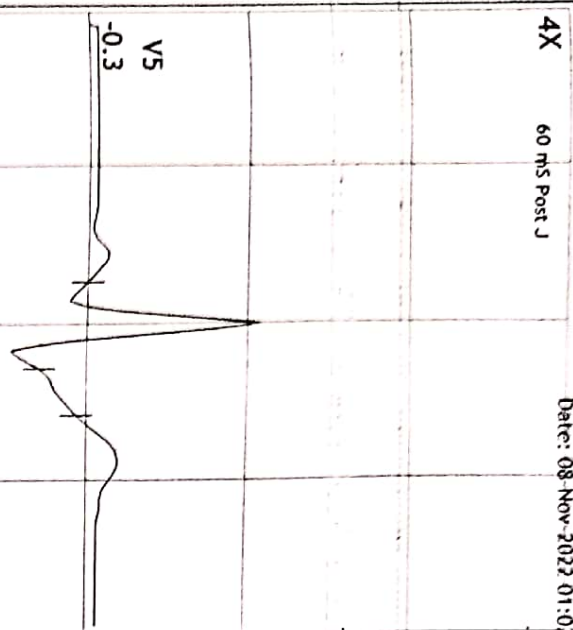
APPR: 71% of 195
Speed: 0.0 mph
Grade: 0.0%

KSHIPRA SCANS & LABS
ZB COURT CHOURAHA UDAIPUR

Raw ECG
BRUCE
(1.0-100)Hz
Ex Time 05:01
BLC: On
Notch: On

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

4X 60 ms Post J





12 Lead + Median

2209103061/MRS RITU MIRRA 15 bpm
25 Yrs/Female
0 Kg/0 Cms
Date: 08-Nov-2022 01:02:31 PM

MPHR: 58% of 195
Speed: 0.0 mph
Grade: 0.0%

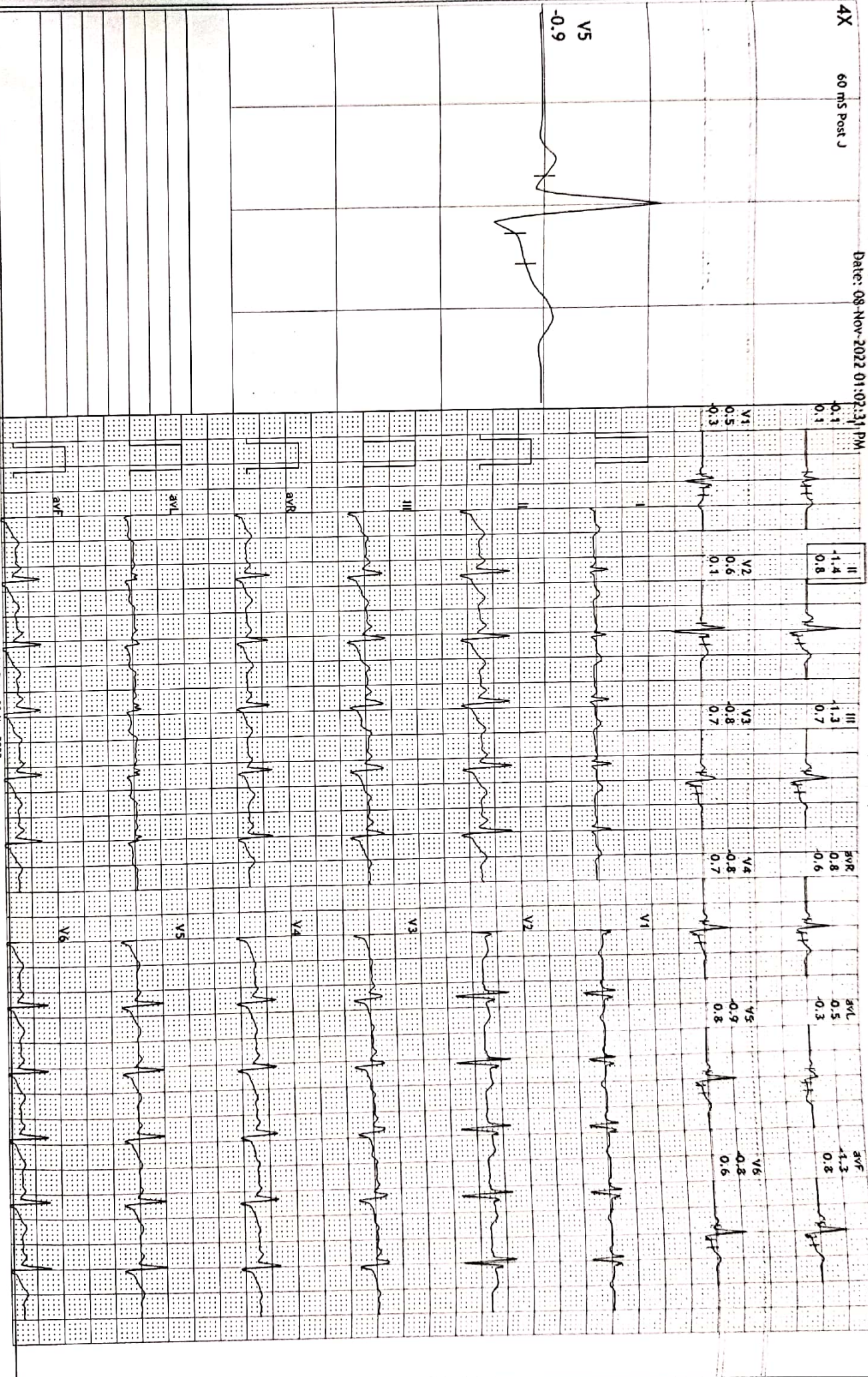
KSHIPRA SCANS & LABS
2B COURT CHOURAHA UDAPUR

Raw ECG
BRUCE
(1.0-100)HZ
Ex Time 05:01
BLC: On
Notch: On

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

4X 60 ms Post J

V5
-0.9





Summary

Ref. By :
Medication :
Objective :

Protocol : BRUCE
History :

KSHIPRA SCANS & LABS
2B COURT CHOURAHA UDAIPUR
2209103061/MRS RITU MEHRA 25 Yrs/Female 0 Kg/0 Cms
Date: 08-Nov-2022 01:02:31 PM

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	118	120/80	141		
Standing					1.0	119	120/80	142		
EXStart					1.0	121	120/80	145		
Stage 1	3:00	3:01	1.7	10.0	4.7	143	120/80	171		
PeakEx	2:00	5:01	2.5	12.0	6.3	167	130/90	217		
Recovery	1:00		0.0	0.0	1.0	139	130/90	180		
Recovery	3:00		0.0	0.0	1.0	115	120/80	138		
Recovery					0.0	0	---/---	0		

Findings :

Exercise Time : 5:01 minutes
 Max HR attained : 167 bpm 86% of Max Predictable HR 195
 Max BP : 130/90(mmHg)
 Workload attained : 6.3 (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 ischaemia.
 Maximum Depression: 0:00

Advice/Comments:

