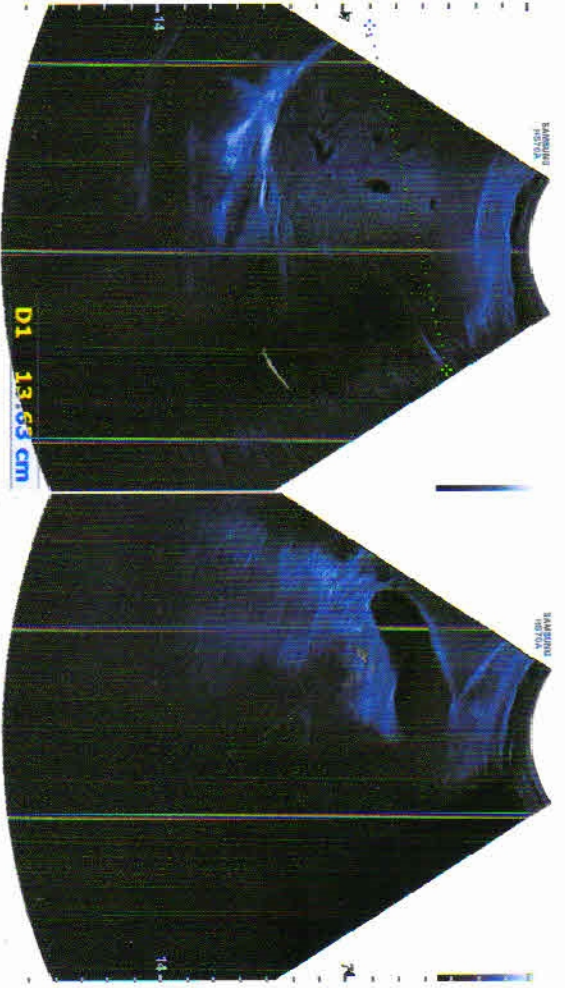


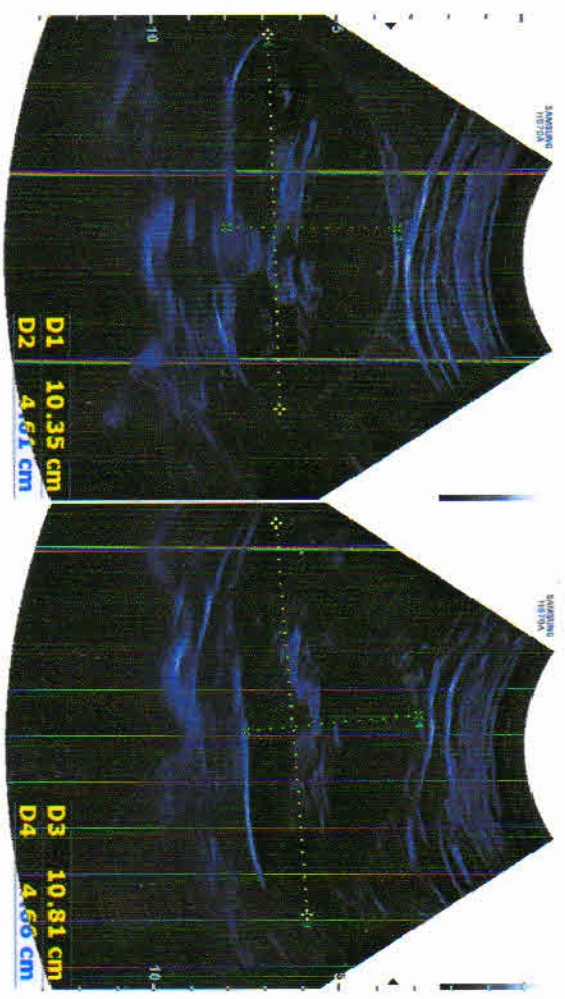
SAMSUNG 19-11-2021-0004
 AJAY KUMAR
 2D G63 DR135 FA8 P90 Frq Pen. 20.0cm



D1 13.65 cm

KSHIPRA LABS UDARPUR MI 1.4
 CA1:ZA / DR BHARAT AB / RR 27Hz TIS 0.1
 19-11-2021 10:30:51 AM

SAMSUNG 19-11-2021-0004
 AJAY KUMAR
 2D G39 DR135 FA8 P90 Frq Pen. 14.0cm

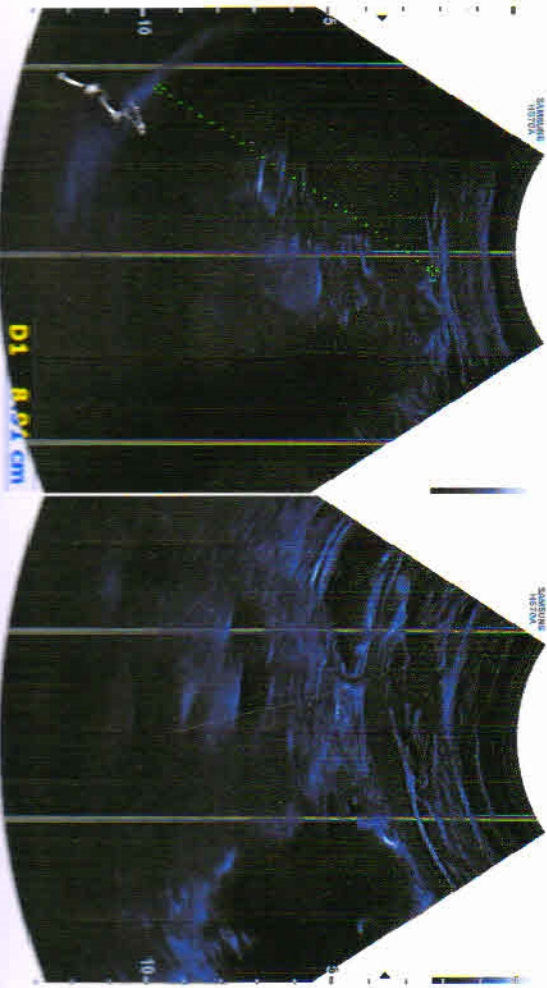


D1 10.35 cm
 D2 4.61 cm

KSHIPRA LABS UDARPUR MI 1.4
 CA1:ZA / DR BHARAT AB / RR 27Hz TIS 0.1
 19-11-2021 10:31:29 AM

5.2 CM

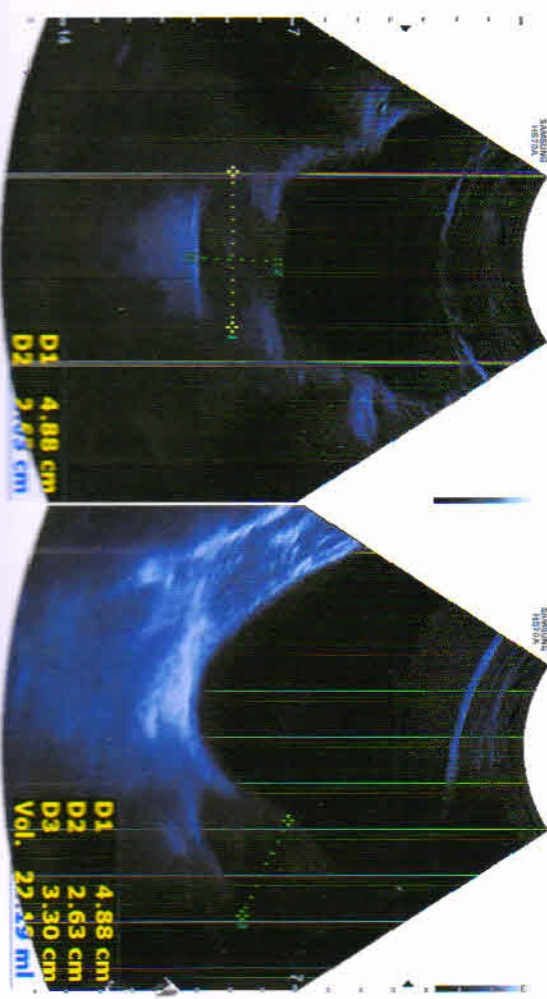
SAMSUNG 19-11-2021-0004
 AJAY KUMAR
 2D G41 DR135 FA8 P90 Frq Pen. 14.0cm



D1 8.91 cm

KSHIPRA LABS UDARPUR MI 1.4
 CA1:ZA / DR BHARAT AB / RR 27Hz TIS 0.1
 19-11-2021 10:31:44 AM

SAMSUNG 19-11-2021-0004
 AJAY KUMAR
 2D G45 DR135 FA8 P90 Frq Pen. 16.0cm



D1 4.88 cm
 D2 3.30 cm

D1 4.88 cm
 D2 2.63 cm
 D3 3.30 cm
 Vol. 22.45 ml

KSHIPRA LABS UDARPUR MI 1.4
 CA1:ZA / DR BHARAT AB / RR 24Hz TIS 0.1
 19-11-2021 10:32:19 AM

5.2 CM

Name	: Mr. Ajay Kumar	Age	: 40 Yrs. / M
Thanks To	: Mediwheel Wellness	Date	: 19.11.2021

ULTRASOUND STUDY OF WHOLE ABDOMEN

LIVER

Liver is normal in size (13.6 cm) and increased parenchymal 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 (8.9 cm), 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 : 10.3 x 4.6 cms.

Left kidney measures : 10.8 x 4.6 cms.

URINARY BLADDER

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

PROSTATE

Prostate is normal in size, shape and echotexture. It measures 4.8 x 2.6 x 3.3 cms. Volume: 22 cc.

No obvious abdominal lymphadenopathy is seen.

No free fluid is seen in peritoneal cavity.

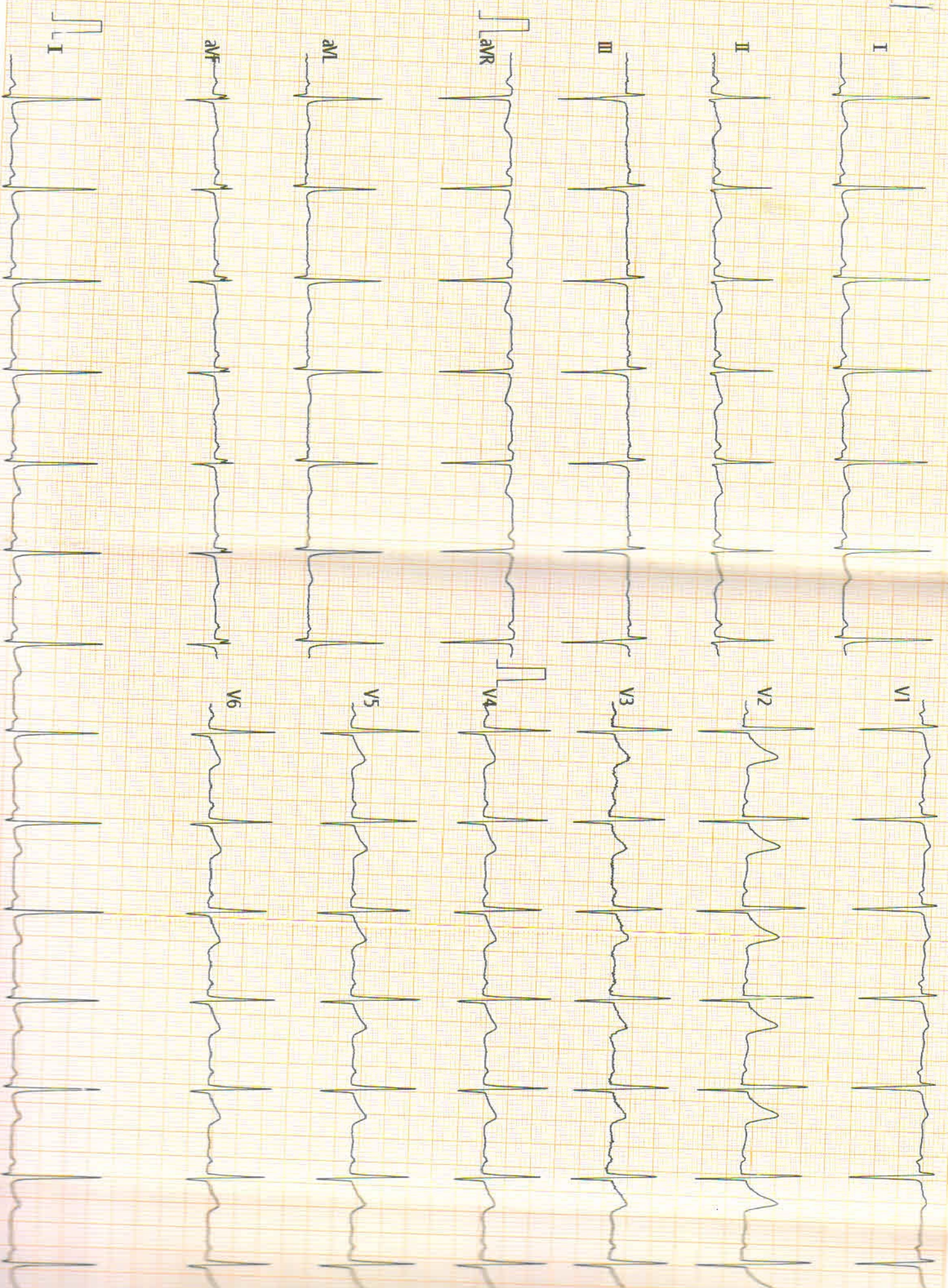
OPINION:

- Grade I fatty changes in liver.


Dr Tapendra Tiwari
MD (Radio-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.



AVR 10.38 11:54:00
P HYPRA LRS

Name	: Mr Ajay Kumar	Age	: 40 Yrs. / M
Thanks To	: Self	Date	: 19.11.2021

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 appears normal.



Consultant Radiologist

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



TEST REPORT

Reg. No : 2111102103
Name : Ajay Kumar
Age/Sex : 40 Years / Male
Ref. By :
Client : MEDIWHEEL WELLNESS

Reg. Date : 19-Nov-2021
Collected On : 19-Nov-2021 10:07
Approved On : 19-Nov-2021 12:03
Printed On : 25-Nov-2021 14:15

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
KIDNEY FUNCTION TEST			
UREA <i>(Urease & glutamate dehydrogenase)</i>	14.7	mg/dL	10 - 50
Creatinine <i>(Jaffe method)</i>	0.63	mg/dL	0.5 - 1.4
Uric Acid <i>(Enzymatic colorimetric)</i>	5.1	mg/dL	2.5 - 7.0

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



TEST REPORT

Reg. No : 2111102103
Name : Ajay Kumar
Age/Sex : 40 Years / Male
Ref. By :
Client : MEDIWHEEL WELLNESS

Reg. Date : 19-Nov-2021
Collected On : 19-Nov-2021 10:07
Approved On : 19-Nov-2021 10:38
Printed On : 25-Nov-2021 14:15

Parameter	Result	Unit	Reference Interval
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COMPLETE BLOOD COUNT (CBC)

SPECIMEN: EDTA BLOOD

Hemoglobin	13.3	g/dL	13.0 - 17.0
RBC Count	4.40	million/cmm	4.5 - 5.5
Hematocrit (PCV)	42.6	%	40 - 54
MCH	30.2	Pg	27 - 32
MCV	96.8	fL	83 - 101
MCHC	31.2	%	31.5 - 34.5
RDW	14.0	%	11.5 - 14.5
WBC Count	5960	/cmm	4000 - 11000

DIFFERENTIAL WBC COUNT (Flow cytometry)

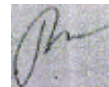
Neutrophils (%)	50	%	38 - 70
Lymphocytes (%)	40	%	20 - 40
Monocytes (%)	07	%	2 - 8
Eosinophils (%)	03	%	0 - 6
Basophils (%)	00	%	0 - 2
Neutrophils	2980	/cmm	
Lymphocytes	2384	/cmm	
Monocytes	417	/cmm	
Eosinophils	179	/cmm	
Basophils	0	/cmm	
Platelet Count (Flow cytometry)	145000	/cmm	150000 - 450000
MPV	11.7	fL	7.5 - 11.5

ERYTHROCYTE SEDIMENTATION RATE

ESR (After 1 hour)	10	mm/hr	0 - 14
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Modified Westergren Method

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





TEST REPORT

Reg. No : 2111102103
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Approved On : 19-Nov-2021 10:38
Printed On : 25-Nov-2021 14:15

Parameter

Result

BLOOD GROUP & RH

Specimen: EDTA and Serum; Method: Haemagglutination

ABO	'A'
Rh (D)	Negative

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



TEST REPORT

Reg. No : 2111102103
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Age/Sex : 40 Years / Male
Ref. By :
Client : MEDIWHEEL WELLNESS

Reg. Date : 19-Nov-2021
Collected On : 19-Nov-2021 10:07
Approved On : 19-Nov-2021 14:39
Printed On : 25-Nov-2021 14:15

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
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PLASMA GLUCOSE

Fasting Blood Sugar (FBS) <i>Hexokinase Method</i>	105.9	mg/dL	70 - 110
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Post Prandial Blood Sugar (PPBS) <i>Hexokinase Method</i>	135.2	mg/dL	70 - 140
--	-------	-------	----------

Criteria for the diagnosis of diabetes 1. HbA1c \geq 6.5 *

Or

2. Fasting plasma glucose $>$ 126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.

Or

3. 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

4. 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 repeat testing.

American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34;S11.

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



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Reg. Date : 19-Nov-2021
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Printed On : 25-Nov-2021 14:15

Parameter	Result	Unit	Reference Interval
LIPID PROFILE			
Cholesterol <i>(Enzymatic colorimetric)</i>	243.9	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>(Enzymatic colorimetric)</i>	145.7	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
VLDL <i>Calculated</i>	29.14	mg/dL	15 - 35
LDL CHOLESTEROL	170.46	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>	44.3	mg/dL	30 - 70
Cholesterol /HDL Ratio <i>Calculated</i>	5.51		0 - 5.0
LDL / HDL RATIO <i>Calculated</i>	3.85		0 - 3.5



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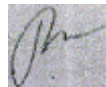
Parameter	Result	Unit	Reference Interval
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NEW ATP III GUIDELINES (MAY 2001), MODIFICATION OF NCEP<?xml:namespace prefix = "o" ns = "urn:schemas-microsoft-com:office:office" />

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.
. All other responsibility will be of referring Laboratory.

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





TEST REPORT

Reg. No : 2111102103
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Client : MEDIWHEEL WELLNESS

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Parameter	Result	Unit	Reference Interval
LIVER FUNCTION TEST			
Total Bilirubin <i>Colorimetric diazo method</i>	0.90	mg/dL	0.10 - 1.0
Conjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.20	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.70	mg/dL	0.0 - 1.1
SGOT <i>(Enzymatic)</i>	21.2	U/L	0 - 37
SGPT <i>(Enzymatic)</i>	32.5	U/L	0 - 40
Alakaline Phosphatase <i>(Colorimetric standardized method)</i>	74.3	U/L	53 - 130
Protien with ratio			
Total Protein <i>(Colorimetric standardized method)</i>	7.6	g/dL	6.5 - 8.7
Albumin <i>(Colorimetric standardized method)</i>	5.0	mg/dL	3.5 - 5.3
Globulin <i>Calculated</i>	2.60	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.92		0.8 - 2.0

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



TEST REPORT

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<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
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HEMOGLOBIN A1 C ESTIMATION

Specimen: Blood EDTA

Hb A1C <i>Boronate Affinity with Fluorescent Quenching</i>	5.8	% 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>	129.18	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)

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



TEST REPORT

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Age/Sex : 40 Years / Male
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Parameter	Result	Unit	Reference Interval
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THYROID FUNCTION TEST

T3 (Triiodothyronine) <i>Chemiluminescence</i>	1.31	ng/mL	0.87 - 1.81
T4 (Thyroxine) <i>Chemiluminescence</i>	12.89	µg/dL	5.89 - 14.9
TSH (ultra sensitive) <i>Chemiluminescence</i>	2.816	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

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



TEST REPORT

Reg. No : 2111102103
Name : Ajay Kumar
Age/Sex : 40 Years / Male
Ref. By :
Client : MEDIWHEEL WELLNESS

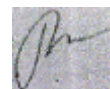
Reg. Date : 19-Nov-2021
Collected On : 19-Nov-2021 10:07
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<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
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PROSTATE SPECIFIC ANTIGEN

PSA <i>Chemiluminescence</i>	0.81	ng/mL	0 - 4
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----- End Of Report -----





TEST REPORT

Reg. No : 2111102103
Name : Ajay Kumar
Age/Sex : 40 Years / Male
Ref. By :
Client : MEDIWHEEL WELLNESS

Reg. Date : 19-Nov-2021
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Parameter	Result	Unit	Reference Interval
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STOOL EXAMINATION

Colour : Yellow
Consistency : Semi 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 -----



TEST REPORT

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Parameter	Result	Unit	Reference Interval
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URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity : 20 cc
Colour : Pale Yellow
Appearance : Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)

pH	7.0	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)	Nil
Epithelial Cells	1-2/hpf
Amorphous Material	Nil
Casts	Nil
Crystals	Nil
Bacteria	Nil
Monilia	Nil

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

Summary

KSHIPRA SCANS & LABS

Ret. By :
Medication :
Objective :

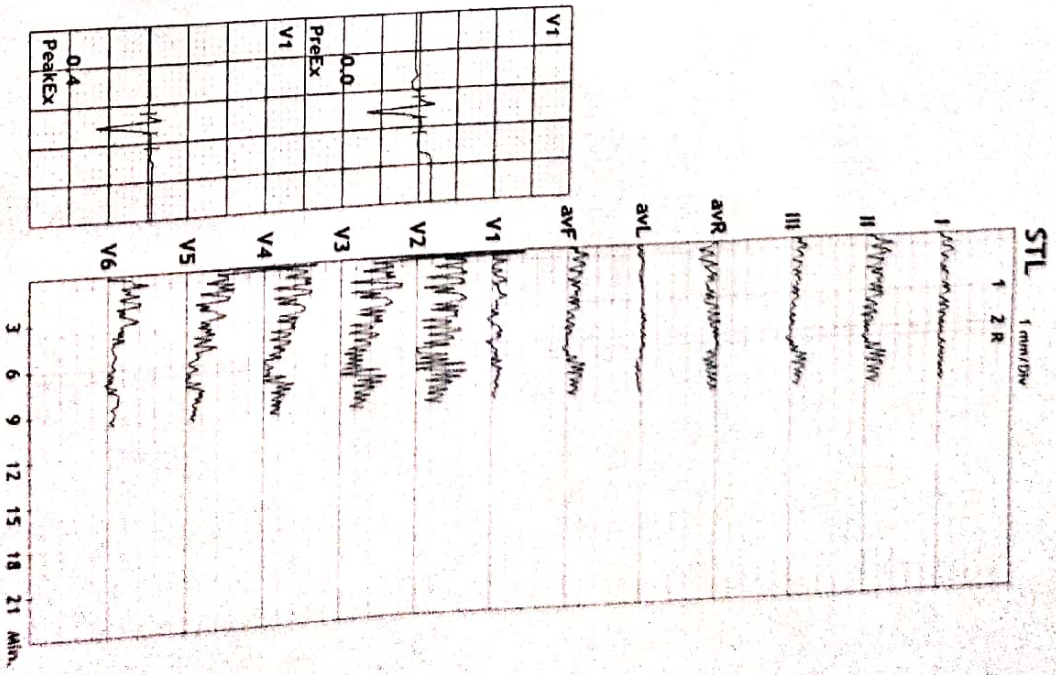
2-B, Hazareshwar Colony, Court Chouraha, Udaipur.
1275/HR AJAY KUMAR 40 Yrs/Male 0 Kg/0 Cms
Protocol : BRUCE
Date: 19-Nov-2021 11:56:04 AM
History :

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	107	120/80	128	-	
Standing					1.0	108	120/80	129	-	
ExStart					1.0	110	120/80	132	-	
Stage 1	3:00	3:01	2.4	10.0	6.2	141	130/80	183	-	
Stage 2	2:26	5:27	3.2	12.0	8.3	166	130/90	215	-	
PeakEx	0:38	6:05	3.4	14.0	9.1	128	130/90	166	-	
Recovery	1:00		0.0	0.0	2.9	144	130/90	187	-	
Recovery	3:00		0.0	0.0	1.0	123	120/80	147	-	

Findings :

Exercise Time : 6:05 minutes
 Max HR attained : 166 bpm 92% of Max Predictable HR 180
 Max BP : 130/90(mmHg)
 Workload attained : 9.1 (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: 6:05

Advice/Comments:



12 Lead + Median

KSHIPRA SCANS & LABS

2-B, Hazarashwar Colony, Court Chouraha, Udaipur.

1275/MR AJAY KUMAR HR: 107 bpm
40 Yrs/Male METS: 1.0
0 Kg/0 Cms BP: 120/80
Date: 19-Nov-2021 11:56:04 AM

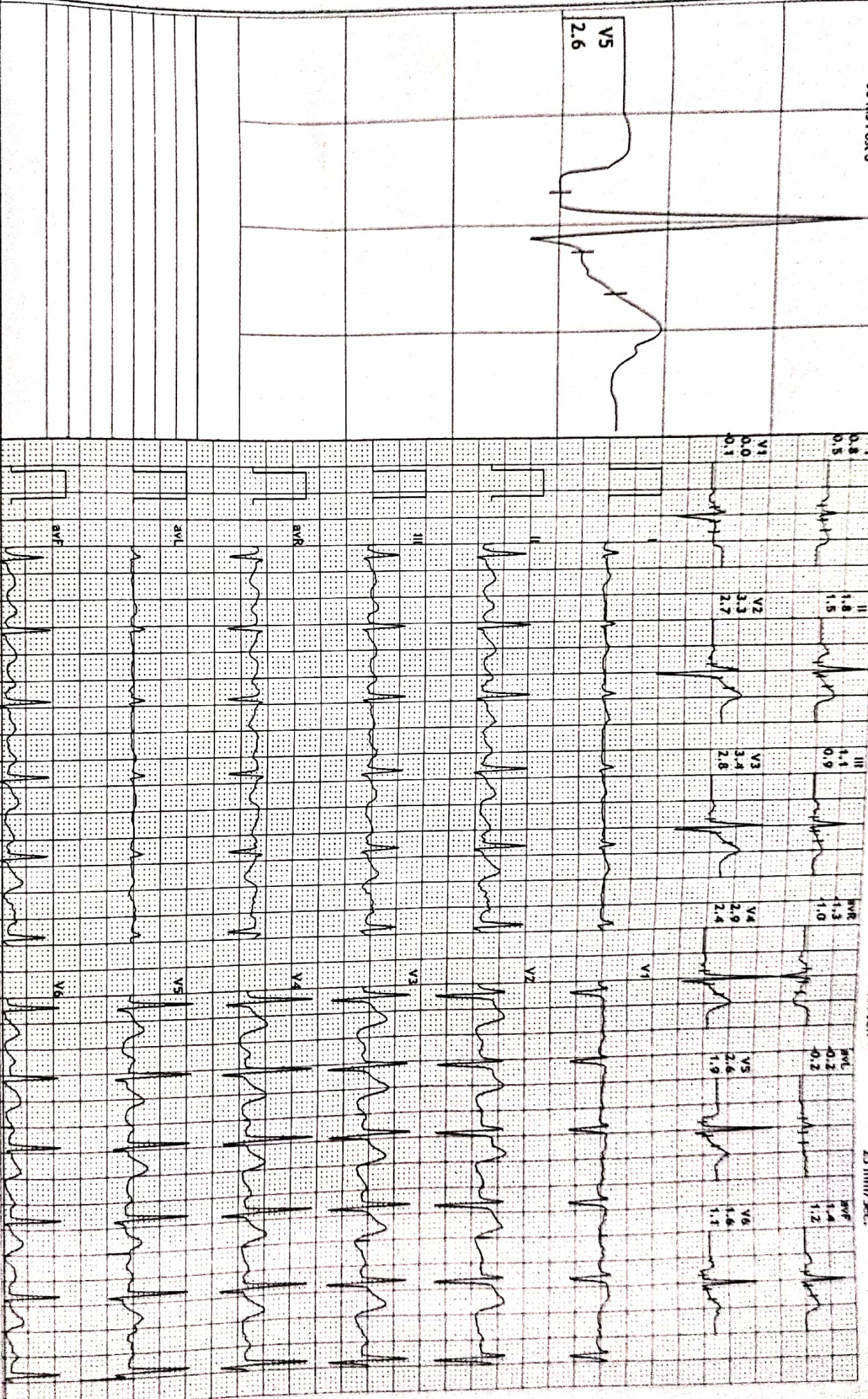
MPHR: 59% of 180
Speed: 1.1 mph
Grade: 0.0%

Raw ECG BRUCE
11.0-35/Hz
Ex Time 00:30
BLC: On
Notch: On

Supine
10.0 mm/mV
25 mm/Sec.

4X 80 ms Post J

V5
2.6



1275/MR AJAY KUMAR HR: 108 bpm
40 Yrs/Male METS: 1.0
0 Kg/0 Cms RP: 120/80
Date: 19-Nov-2021 11:56:04 AM

MPHR: 60% of 180
Speed: 1.1 mph
Grade: 0.0%

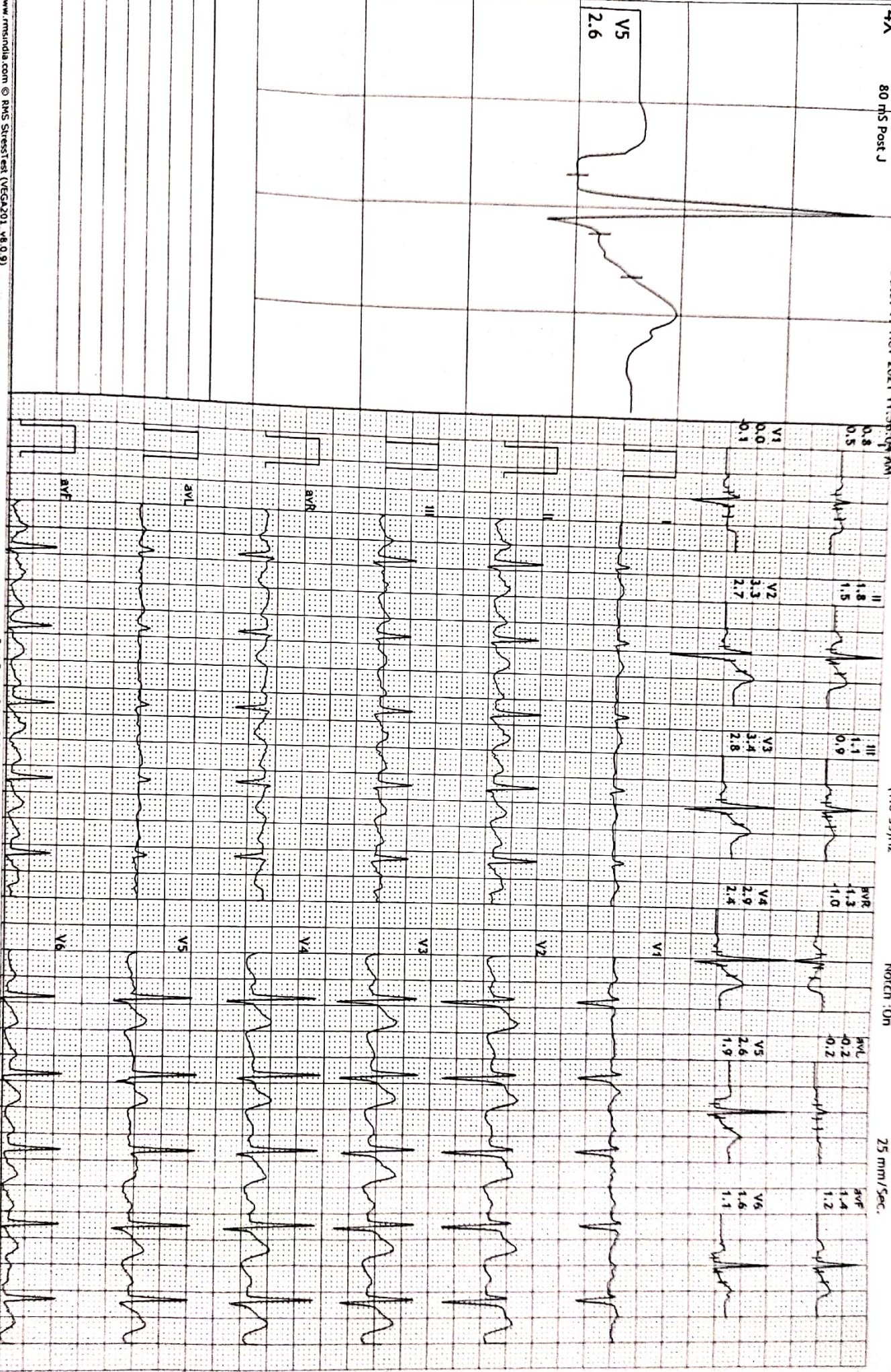
Raw ECG
BRUCE
11.0-35Hz

Ex Time 00:35
BLC: On
Notch: On

Standing
10.0 mm/mV
25 mm/Sec.

4X 80 ms Post J

V5 2.6



4X 80 ms Post J

V5 1.5

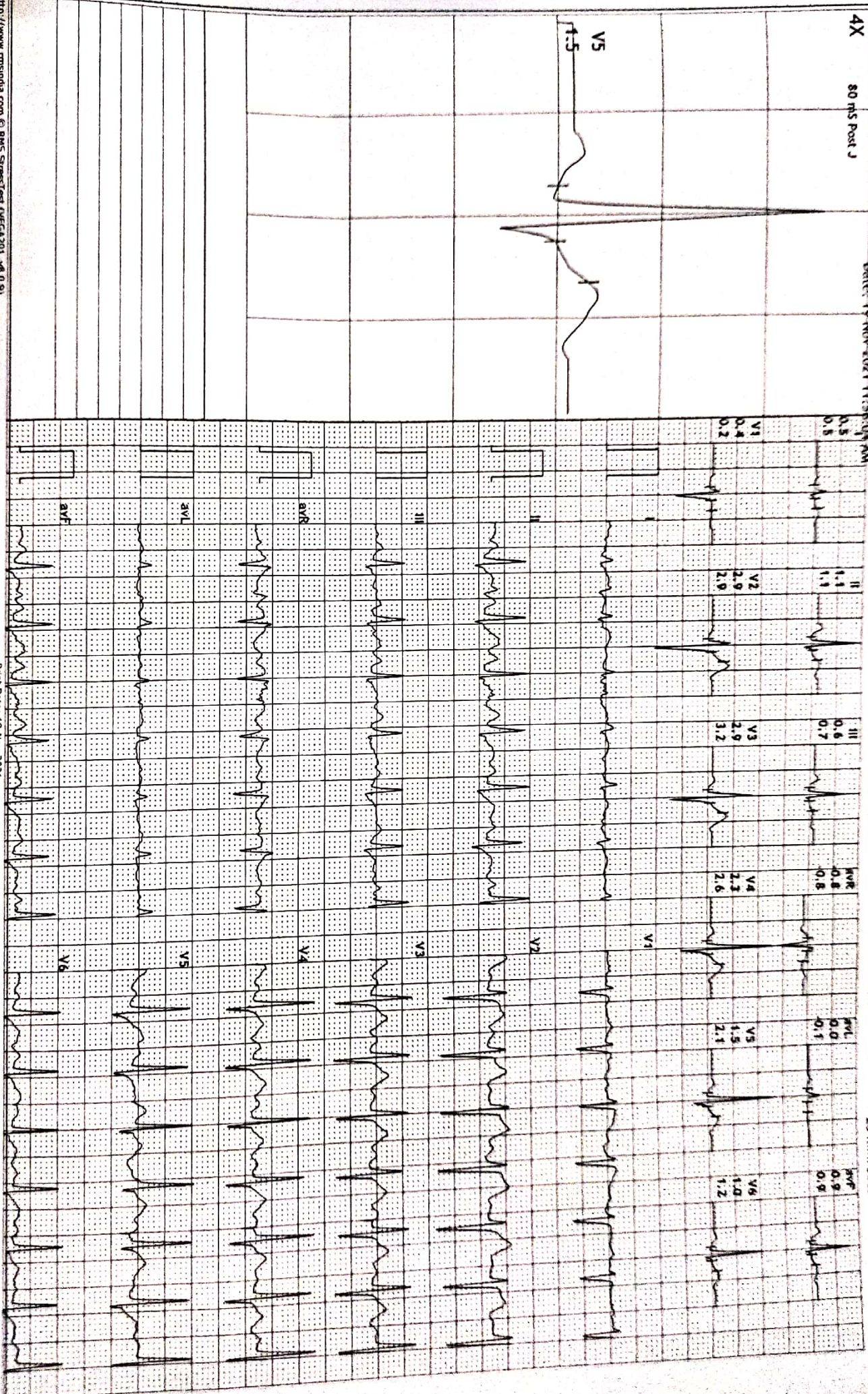
1275/MR AJAY KUMAR HR: 141 bpm
40 Yrs/Male METS: 6.2
0 Kg/70 Cms RP: 130/80
Date: 19-Nov-2021 11:56:09 AM

MPHR: 78% of 180
Speed: 2.4 mph
Grade: 10.0%

NSHIPPKA SCANS & LABS
2-D, Hazarestiwar Colony, Court Chouraha, Udaipur.

RAW ECG
BRUCE
(1.0-35)Hz
Ex Time 03:00
BLC :On
Notch :On

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



12 Lead + Median

KSHIPRA SCANS & LABS

2-B, Hazareshwar Colony, Court Chouraha, Udaipur.

1275/HR ALAY KUMAR HR: 128 bpm
40 Yrs/Male METS: 9.1
0 kg/70 Cms BP: 130/90
Date: 19-Nov-2021 11:56:04 AM

APPR: 71% of 180
Speed: 3.4 mph
Grade: 14.0%

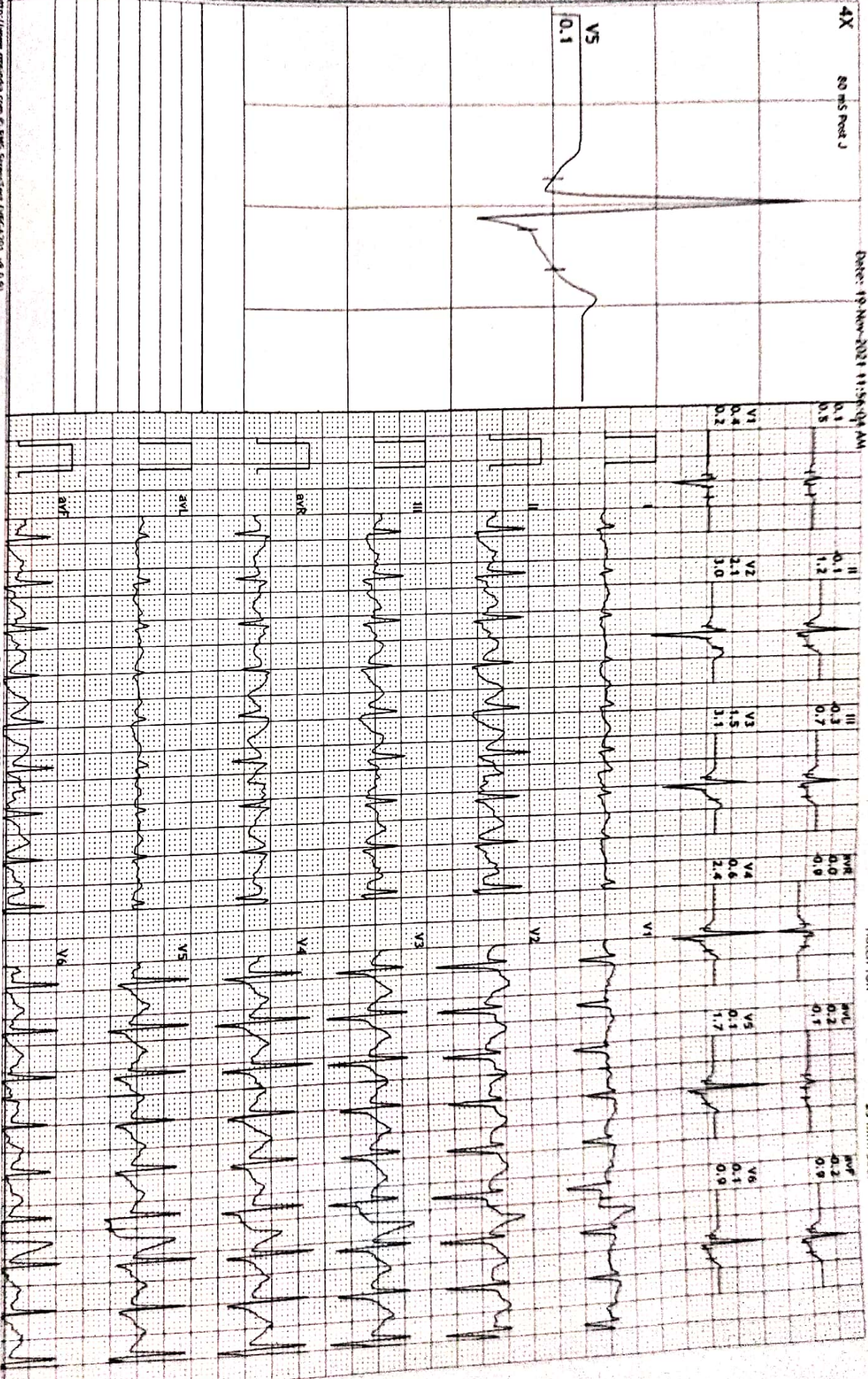
Raw ECG
BRUCE
11.0-35/Hz

Ex Time 06:04
RLC: On
Notch: On

BRUCE: PeakEx(0:38)
10.0 mm/mV
25 mm/Sec.

4X 80 MS Post J

V5 0.1



12 Lead + Median

KSHIPRA SCANS & LABS
2-B, Hazareshwar Colony, Court Chouraha, Udaipur.

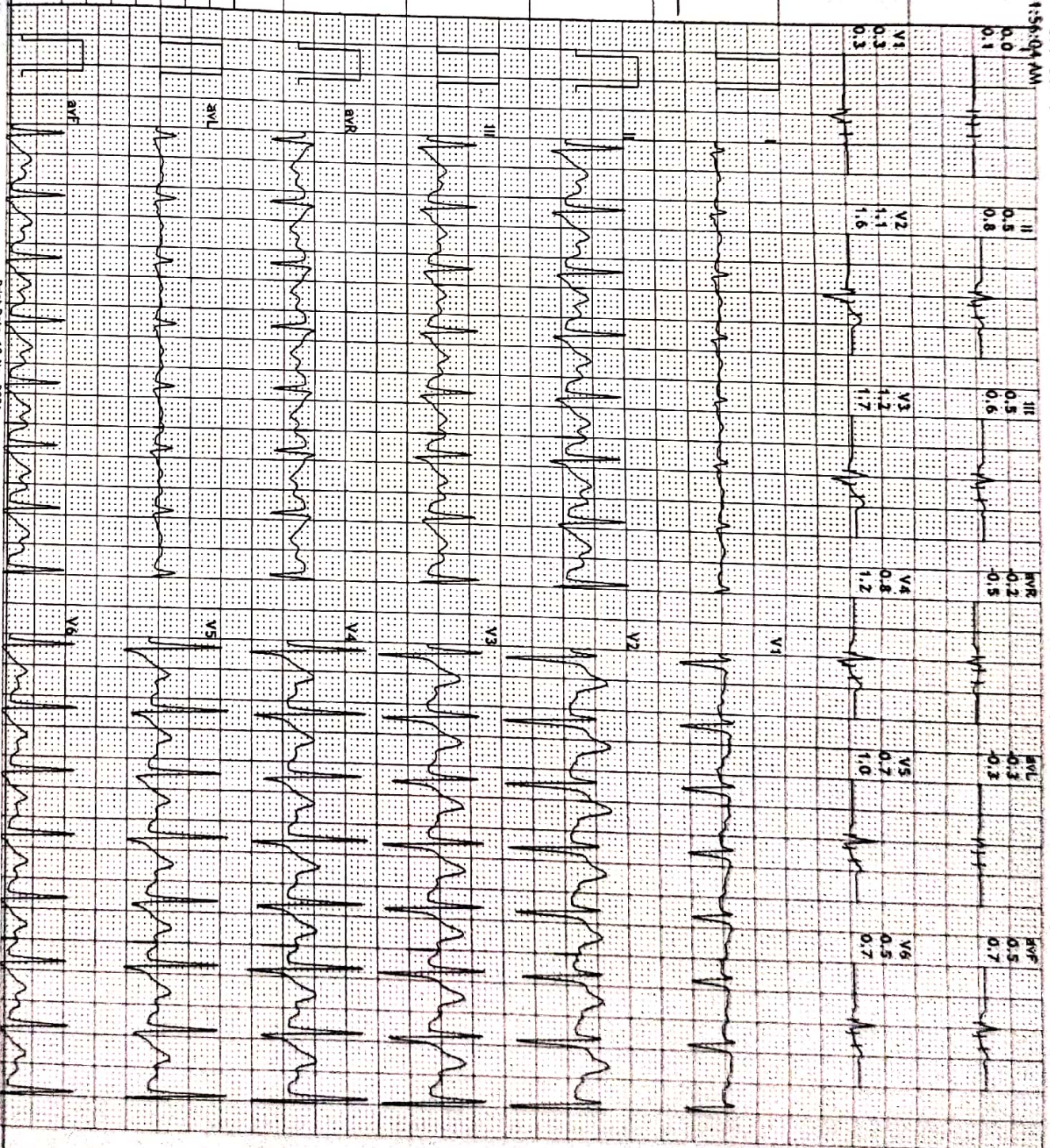
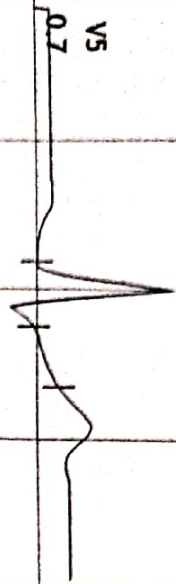
1275/MR AJAY KUMAR HR: 144 bpm
40 Yrs/Male METS: 2.9
0 Kg/0 Cms BP: 130/90
Date: 19-Nov-2021 11:56:04 AM

MPHR: 80% of 180
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
11.0-35HZ
Ex Time 06:05
BLC : On
Notch : On

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

4X 80 ms Post J



1275/MR AJAY KUMAR HR: 123 bpm
40 Yrs/Male METS: 1.0
0 Kg/0 Cms BP: 120/80
Date: 19-Nov-2021 11:56:04 AM

MPHR: 68% of 180
Speed: 0.0 mph
Grade: 0.0%

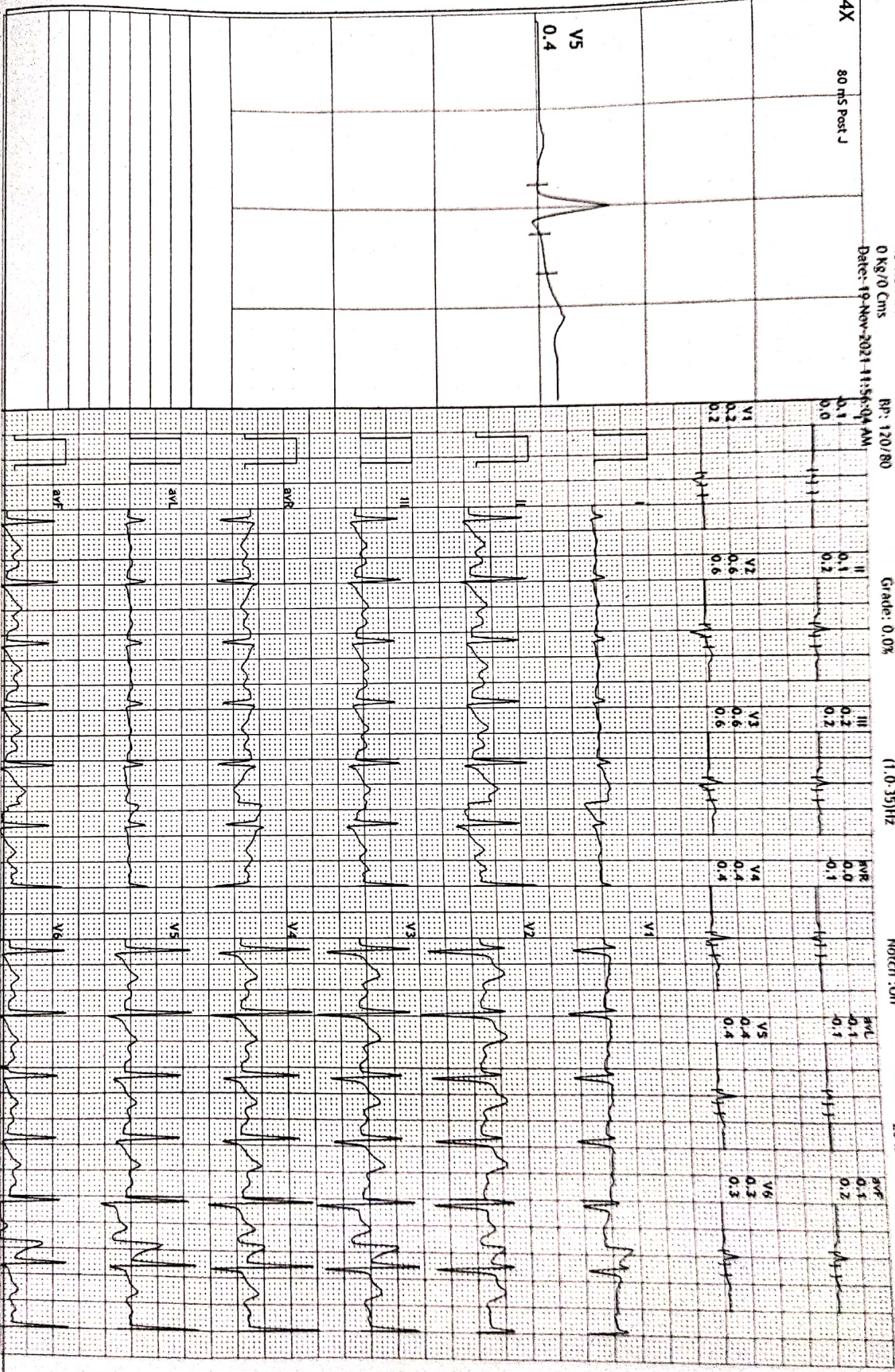
Raw ECG
BRUCE
(1.0-35)Hz

Ex Time 06:05
BLC : On
Notch : On

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

4X 80 ms Post J

V5
0.4



12 Lead + Median

KSHIPRA SCANS & LABS

2-B, Hazareshwar Colony, Court Chouraha, Udaipur.

1275/MR AJAY KUMAR HR: 162 bpm
40 Yrs/Male METS: 7.9
0 Kg/0 Cms BP: 130/80
Date: 19-Nov-2021 11:56:04 AM

MPHR: 90% of 180
Speed: 3.2 mph
Grade: 12.0%

Raw ECG
BRUCE
(1.0-35)Hz

Ex Time 05:00
BLC :On
Natch :On

Stage 2 (02:00)
10.0 mm/mV
25 mm/Sec.





TEST REPORT

Reg. No : 2111102103
Name : Ajay Kumar
Age/Sex : 40 Years / Male
Ref. By :
Client : MEDIWHEEL WELLNESS

Reg. Date : 19-Nov-2021
Collected On : 19-Nov-2021 10:07
Approved On : 19-Nov-2021 12:03
Printed On : 25-Nov-2021 15:12

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
KIDNEY FUNCTION TEST			
UREA <i>(Urease & glutamate dehydrogenase)</i>	14.7	mg/dL	10 - 50
Creatinine <i>(Jaffe method)</i>	0.63	mg/dL	0.5 - 1.4
Uric Acid <i>(Enzymatic colorimetric)</i>	5.1	mg/dL	2.5 - 7.0

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



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Parameter	Result	Unit	Reference Interval
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COMPLETE BLOOD COUNT (CBC)

SPECIMEN: EDTA BLOOD

Hemoglobin	13.3	g/dL	13.0 - 17.0
RBC Count	4.40	million/cmm	4.5 - 5.5
Hematocrit (PCV)	42.6	%	40 - 54
MCH	30.2	Pg	27 - 32
MCV	96.8	fL	83 - 101
MCHC	31.2	%	31.5 - 34.5
RDW	14.0	%	11.5 - 14.5
WBC Count	5960	/cmm	4000 - 11000

DIFFERENTIAL WBC COUNT (Flow cytometry)

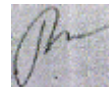
Neutrophils (%)	50	%	38 - 70
Lymphocytes (%)	40	%	20 - 40
Monocytes (%)	07	%	2 - 8
Eosinophils (%)	03	%	0 - 6
Basophils (%)	00	%	0 - 2
Neutrophils	2980	/cmm	
Lymphocytes	2384	/cmm	
Monocytes	417	/cmm	
Eosinophils	179	/cmm	
Basophils	0	/cmm	
Platelet Count (Flow cytometry)	145000	/cmm	150000 - 450000
MPV	11.7	fL	7.5 - 11.5

ERYTHROCYTE SEDIMENTATION RATE

ESR (After 1 hour)	10	mm/hr	0 - 14
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Modified Westergren Method

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





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Parameter

Result

BLOOD GROUP & RH

Specimen: EDTA and Serum; Method: Haemagglutination

ABO 'A'
Rh (D) Negative

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



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Approved On : 19-Nov-2021 14:39
Printed On : 25-Nov-2021 15:12

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
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PLASMA GLUCOSE

Fasting Blood Sugar (FBS) <i>Hexokinase Method</i>	105.9	mg/dL	70 - 110
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Post Prandial Blood Sugar (PPBS) <i>Hexokinase Method</i>	135.2	mg/dL	70 - 140
--	-------	-------	----------

Criteria for the diagnosis of diabetes 1. HbA1c \geq 6.5 *

Or

2. Fasting plasma glucose $>$ 126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.

Or

3. 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

4. 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 repeat testing.

American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34;S11.

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



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Parameter	Result	Unit	Reference Interval
LIPID PROFILE			
Cholesterol <i>(Enzymatic colorimetric)</i>	243.9	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>(Enzymatic colorimetric)</i>	145.7	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
VLDL <i>Calculated</i>	29.14	mg/dL	15 - 35
LDL CHOLESTEROL	170.46	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>	44.3	mg/dL	30 - 70
Cholesterol /HDL Ratio <i>Calculated</i>	5.51		0 - 5.0
LDL / HDL RATIO <i>Calculated</i>	3.85		0 - 3.5



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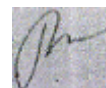
Parameter	Result	Unit	Reference Interval
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NEW ATP III GUIDELINES (MAY 2001), MODIFICATION OF NCEP<?xml:namespace prefix = "o" ns = "urn:schemas-microsoft-com:office:office" />

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.
. All other responsibility will be of referring Laboratory.

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





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Parameter	Result	Unit	Reference Interval
LIVER FUNCTION TEST			
Total Bilirubin <i>Colorimetric diazo method</i>	0.90	mg/dL	0.10 - 1.0
Conjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.20	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.70	mg/dL	0.0 - 1.1
SGOT <i>(Enzymatic)</i>	21.2	U/L	0 - 37
SGPT <i>(Enzymatic)</i>	32.5	U/L	0 - 40
Alakaline Phosphatase <i>(Colorimetric standardized method)</i>	74.3	U/L	53 - 130
<u>Protien with ratio</u>			
Total Protein <i>(Colorimetric standardized method)</i>	7.6	g/dL	6.5 - 8.7
Albumin <i>(Colorimetric standardized method)</i>	5.0	mg/dL	3.5 - 5.3
Globulin <i>Calculated</i>	2.60	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.92		0.8 - 2.0

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HEMOGLOBIN A1 C ESTIMATION

Specimen: Blood EDTA

Hb A1C <i>Boronate Affinity with Fluorescent Quenching</i>	5.8	% 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>	129.18	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)

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



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THYROID FUNCTION TEST

T3 (Triiodothyronine) <i>Chemiluminescence</i>	1.31	ng/mL	0.87 - 1.81
T4 (Thyroxine) <i>Chemiluminescence</i>	12.89	µg/dL	5.89 - 14.9
TSH (ultra sensitive) <i>Chemiluminescence</i>	2.816	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

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



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PROSTATE SPECIFIC ANTIGEN

PSA <i>Chemiluminescence</i>	0.81	ng/mL	0 - 4
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----- End Of Report -----



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STOOL EXAMINATION

Colour	Yellow
Consistency	Semi 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 -----



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URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity	20 cc
Colour	Pale Yellow
Appearance	Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)

pH	7.0	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)	Nil
Epithelial Cells	1-2/hpf
Amorphous Material	Nil
Casts	Nil
Crystals	Nil
Bacteria	Nil
Monilia	Nil

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

Name	: Mr. Ajay Kumar	Age	: 40 Yrs. / M
Thanks To	: Mediwheel Wellness	Date	: 19.11.2021

ULTRASOUND STUDY OF WHOLE ABDOMEN

LIVER

Liver is normal in size (13.6 cm) and increased parenchymal 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 (8.9 cm), 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 : 10.3 x 4.6 cms.

Left kidney measures : 10.8 x 4.6 cms.

URINARY BLADDER

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

PROSTATE

Prostate is normal in size, shape and echotexture. It measures 4.8 x 2.6 x 3.3 cms. Volume: 22 cc.

No obvious abdominal lymphadenopathy is seen.

No free fluid is seen in peritoneal cavity.

OPINION:

- *Grade I fatty changes in liver.*


Dr Tapendra Tiwari
MD (Radio-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.