



बैंक ऑफ बड़ोदा  
Bank of Baroda



नाम  
Name

**Alok Ranjan**

E.C. No.

**124752**

*Alok Ranjan*

जारीकर्ता प्राधिकारी  
Issuing Authority

*Alok Ranjan*  
धारक के हस्ताक्षर  
Signature of Holder



## Diagnostics & Speciality Centre

NAME : Mr. RANJAN ALOK	MR NO. : 21121127
AGE/SEX : 30 Yrs / Male	VISIT NO. : 145405
REFERRED BY :	DATE OF COLLECTION : 16-12-2021 at 09:12 AM
REF CENTER : MEDIWHEEL	DATE OF REPORT : 16-12-2021 at 12:33 PM



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
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### COMPLETE BLOOD COUNT (CBC) WITH ESR

HAEMOGLOBIN <i>Colorimetric Method</i>	15.6 gm/dL	13 - 18 gm/dL	
HEMATOCRIT (PCV) <i>Calculated</i>	46.3 %	40 - 54 %	
RED BLOOD CELL (RBC) COUNT <i>Electrical Impedance</i>	5.8 million/cu.mm	4.5 - 5.9 million/cu.mm	
PLATELET COUNT <i>Electrical Impedance</i>	3.2 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm	
MEAN CELL VOLUME (MCV) <i>Calculated</i>	80.7 fl	80 - 100 fl	
MEAN CORPUSCULAR HEMOGLOBIN (MCH) <i>Calculated</i>	27.1 pg	26 - 34 pg	
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) <i>Calculated</i>	33.6 %	31 - 35 %	
TOTAL WBC COUNT (TC) <i>Electrical Impedance</i>	6840 cells/cumm	4000 - 11000 cells/cumm	
NEUTROPHILS <i>VCS Technology/Microscopic</i>	52 %	40 - 75 %	
LYMPHOCYTES <i>VCS Technology/Microscopic</i>	43 %	25 - 40 %	
<b>DIFFERENTIAL COUNT</b>			
EOSINOPHILS <i>VCS Technology/Microscopic</i>	03 %	0 - 7 %	
MONOCYTES <i>VCS Technology/Microscopic</i>	02 %	1 - 8 %	
BASOPHILS <i>Electrical Impedance</i>	0.3 %		
ESR <i>Westergren Method</i>	14 mm/hr	0 - 15 mm/hr	
POST PRANDIAL BLOOD SUGAR <i>Hexokinase</i>	107.4 mg/dl	80 - 150 mg/dl	

*Krishna Murthy*



*Vamseedhar A*


**Dr. KRISHNA MURTHY**  
MD  
BIOCHEMIST

Lab Seal

**Dr. VAMSEEDHAR.A**  
D.C.P, M.D  
CONSULTANT PATHOLOGIST

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CREATININE <i>Jaffe Method</i>	0.92 mg/dL	0.8 - 1.4 mg/dL	
BLOOD UREA <i>UREASE-GLUTAMATE DEHYDROGENASE (GLDH)</i>	20.7 mg/dL	15 - 50 mg/dL	
CREATININE <i>Jaffe Kinetic</i>	0.92 mg/dL	0.4 - 1.4 mg/dL	
URIC ACID <i>Uricase-Peroxidase</i>	5.3 mg/dL	3 - 7.2 mg/dL	
<b>SERUM ELECTROLYTES</b>			
SODIUM <i>Ion Selective Electrode (ISE)</i>	137 mmol/L	136 - 145 mmol/L	
POTASSIUM <i>Ion Selective Electrode (ISE)</i>	3.7 mmol/L	3.5 - 5.2 mmol/L	
CHLORIDE <i>Ion Selective Electrode (ISE)</i>	102 mmol/L	97 - 111 mmol/L	

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*A. Vamseedhar*

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### LIPID PROFILE TEST

TOTAL CHOLESTEROL  
*Cholesterol Oxidase-Peroxidase (CHOD-POD)*

202 mg/dL

up to 200 mg/dL  
Border Line: 200 – 240 mg/dL  
High: > 240 mg/dL

TRIGLYCERIDES  
*Glycerol Peroxidase-Peroxidase (GPO-POD)*

252.3 mg/dL

up to 150 mg/dL  
Desirable: <150 mg/dL  
Border Line: 150 – 200 mg/dL  
High: >200 – 500 mg/dL  
Very High: > 500 mg/dL

HDL CHOLESTEROL - DIRECT  
*PEG-Cholesterol Esterase*

39.0 mg/dl

40 - 60 mg/dl  
>= 60mg/dL - Excellent (protects against heart disease)  
40-59 mg/dL - Higher the better  
<40 mg/dL - Lower than desired (major risk for heart disease)

LDL CHOLESTEROL - DIRECT  
*Cholesterol Esterase-Cholesterol Oxidase*

112.5 mg/dL

up to 100 mg/dL  
100-129 mg/dL- Near optimal/above optimal  
130-159 mg/dL- Borderline High  
160-189 mg/dL- High  
190->190 mg/dL - Very High

VLDL CHOLESTEROL  
*Calculation*

50.5 mg/dL

2 - 30 mg/dL

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TOTAL CHOLESTROL/HDL RATIO <i>Calculation</i>	5.2	up to 3.5 3.5-5.0 - Moderate >5.0 - High	
LDL/HDL RATIO <i>Calculation</i>	2.9	up to 2.5 2.5-3.3 - Moderate >3.3 - High	

### LIVER FUNCTION TEST (LFT)

TOTAL BILIRUBIN <i>Colorimetric Diazo Method</i>	0.47 mg/dL	0.2 - 1.2 mg/dL
DIRECT BILIRUBIN <i>Colorimetric Diazo Method</i>	0.37 mg/dL	0 - 0.4 mg/dL
INDIRECT BILIRUBIN <i>Calculation</i>	0.10 mg/dl	
S G O T (AST) <i>IFCC Without Pyridoxal Phosphates</i>	46.8 U/L	up to 35 U/L
S G P T (ALT) <i>IFCC Without Pyridoxal Phosphates</i>	90.1 U/L	up to 50 U/L
ALKALINE PHOSPHATASE <i>p-Nitrophenyl Phosphate</i>	89 U/L	36 - 113 U/L
SERUM GAMMA GLUTAMYLTRANSFERASE (GGT) <i>GCNA-IFCC</i>	48.4 U/L	15 - 85 U/L
TOTAL PROTEIN <i>Biuret Colorimetric</i>	6.7 g/dl	6.2 - 8 g/dl
S.ALBUMIN <i>Bromocresol Green (BCG)</i>	4.36 g/dl	3.5 - 5.2 g/dl
S.GLOBULIN <i>Calculation</i>	2.3 g/dl	2.5 - 3.8 g/dl
A/G RATIO <i>Calculation</i>	1.9	1 - 1.5

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FASTING BLOOD SUGAR <i>Hexokinase</i>	99.3 mg/dl	70 - 110 mg/dl	
<b><u>PROSTATIC SPECIFIC ANTIGEN (PSA)</u></b>			
PROSTATIC SPECIFIC ANTIGEN (PSA) <i>CMIA</i>	0.40 ng/mL	Up to 4ng/mL: Normal 4-10 ng/mL Hypertrophy & benign genito urinary conditions. >10 ng/mL Suspicious of malignancy.	

PSA is used for monitoring patients with a history of prostate cancer and as an early indicator of recurrence and response to treatment. The test is commonly used for Prostate cancer screening.

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
<b>THYROID PROFILE</b>			
TOTAL TRIIODOTHYRONINE (T3) CMIA	0.85 ng/mL	0.87 - 1.78 ng/mL	
TOTAL THYROXINE (T4) CMIA	<b>4.28</b> µg/dL	6.09 - 12.23 µg/dL	
THYROID STIMULATING HORMONE (TSH) CMIA	1.478 µIU/mL	0.38 - 5.33 µIU/mL	
		1st Trimester: 0.05 - 3.70	
		2nd Trimester: 0.31 - 4.35	
		3rd Trimester: 0.41 - 5.18	

**Note:**

- TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. 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 measured serum TSH concentrations.
- Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

**Clinical Use:**

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

**BLOOD GROUP & Rh TYPING**  
Tube Agglutination (Forward and Reverse)

"B" Positive

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
GLYCATED HAEMOGLOBIN (HbA1C) <small>HPLC</small>	6.4 %	<b>American Diabetic Association (ADA) recommendations:</b>  Non diabetic adults : <5.7 %  At risk (Pre diabetic): 5.7 – 6.4%  Diabetic : >= 6.5%  <b>Therapeutic goal for glycemic control :</b>  Goal for therapy: < 7.0%  Action suggested: > 8.0%	

ESTIMATED AVERAGE GLUCOSE (eAG) 136.98 mg/dL

Calculation

**Comments:**

This assay is useful for diagnosing Diabetes and evaluating long term control of blood glucose concentrations in diabetic patients. It reflects the mean glucose concentration over the previous period of 8 to 12 weeks and is a better indicator of long term glycemic control as compared with blood and urine glucose measurements. This provides a additional criterion for assessing glucose control because glycosylated hemoglobin values are free of day-to-day glucose fluctuation and are unaffected by exercise or food ingestion.

After a sudden alteration in blood glucose concentration, the rate of change of HbA1c is rapid during initial 2 months, followed by more gradual change approaching steady state 3 months later.

**URINE ROUTINE & MICROSCOPIC**

**PHYSICAL EXAMINATION**

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
Colour <i>Visual Method</i>	Pale Yellow	Pale yellow- yellow	
Appearance <i>Visual Method</i>	Clear	Clear/Transparent	
Specific Gravity <i>Strips Method</i>	1.015	1.005-1.035	
pH	7.0	4.6-8.5	

### CHEMICAL EXAMINATION (DIPSTICK)

Protein <i>Strips Method</i>	Nil	Nil -Trace
Glucose <i>Strips Method</i>	Nil	Nil
Blood <i>Strips Method</i>	Negative	Negative
Ketone Bodies <i>Strips Method</i>	Absent	Negative
Urobilinogen <i>Strips Method</i>	Normal	Normal
Bile Salt <i>Strips Method</i>	Negative	Negative
Bilirubin <i>Strips Method</i>	Negative	Negative
Bile Pigments	Negative	NIL

### MICROSCOPY

Pus Cells (WBC) <i>Light Microscopic</i>	3 - 4 /hpf	0-5/hpf
Epithelial Cells <i>Light Microscopic</i>	2 - 3 /hpf	0-4/hpf
RBCs <i>Light Microscopic</i>	Not Seen /hpf	0-2/hpf
Casts <i>Light Microscopic</i>	NIL	NIL

*Handwritten signature*



Lab Seal

*Handwritten signature*

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REF CENTER	: MEDIWHEEL		

TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
Crystal <i>Light Microscopic</i>	NIL	Nil	
FASTING URINE SUGAR (FUS)	NIL	NIL	FASTING URINE
POST PRANDIAL URINE SUGAR	NIL	NIL	URINE

Dispersed by: Sumalatha

\*\*\*\* End of Report \*\*\*\*

Printed by: Swetha on 16-12-2021 at 07:23 PM

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AGE/SEX	: 30 Yrs / Male	BILLED TIME	: 145405
REFERRED BY	:	BILL NO.	: 168167
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 16-12-2021 at 11:37 AM

### **ULTRASOUND WHOLE ABDOMEN AND PELVIS**

**LIVER:** Liver is mildly enlarged in size (16.8 cm) and shows increase in echotexture. No focal lesion seen. Intrahepatic biliary radicles not dilated. Hepatic veins are normal. CBD & Portal vein normal.

**GALL BLADDER:** Normal in distension. Lumen echo free. Wall thickness is normal.

**SPLEEN:** Normal in size with normal homogenous echotexture. No focal lesion seen. Splenic vein is normal in caliber.

**PANCREAS:** Body and head appears normal. No focal lesion seen. Pancreatic duct not dilated. Tail not visualized.

**RIGHT KIDNEY:** Normal in size measuring 10.2 x 3.8 cm with normal echo pattern. Corticomedullary differentiation is well maintained. Cortical thickness is normal. Pelvi-calyceal system is not dilated. No calculus seen.

**LEFT KIDNEY:** Normal in size measuring 10.5 x 4.8 cm with normal echo pattern. Corticomedullary differentiation is well maintained. Cortical thickness is normal. Pelvi-calyceal system is not dilated. No calculus seen.

**URINARY BLADDER:** Partially distended.

**PROSTATE:** Normal in size with normal echopattern. No focal lesion seen.

No evidence of free fluid in the pelvic or abdominal cavity.

### **IMPRESSION:**

- **FATTY HEPATOMEGALY.**



## Diagnostics & Speciality Centre

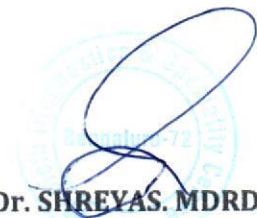
<b>NAME:</b>	<b>Mr. RANJAN ALOK</b>	<b>DATE:</b>	<b>16-12-2021</b>
<b>AGE:</b>	<b>30 YEARS</b>	<b>ID. NO:</b>	<b>168167</b>
<b>GENDER:</b>	<b>MALE</b>	<b>REFERRED BY:</b>	<b>MEDIWHEEL</b>

### X-RAY CHEST PA VIEW

- The lung fields are clear bilaterally.
- CP angles are clear.
- Both the hila appear normal.
- Cardiac diameter is within normal limits.
- Trachea appears in mid line.
- Visible bony thoracic cage is normal.
- Adjacent soft tissues appear normal.

### IMPRESSION:

- **NORMAL STUDY.**

  
**Dr. SHREYAS. MDRD**  
**CONSULTANT RADIOLOGIST**

me iclu diagnosis ic

Test Repo i

**MR R. NJUAN ALOK (30 M)**

ID: 71 336

Date: 16-De-21

Exec Tir : 0 m 0 s

St: 3e Time : 0 m 3 s

HR: 80 bp 1

Procolo Bruce

Stagi: Supine

Speed: 0 m 1

Grade: 0 %

(T: R: 171 bpm)

B.P: 120 / 80

ST Lev (mm)

ST Slo e (mV/s)

ST .evel (m )

ST Slo e (mV/s)

0.2  
0.0



-0.2  
-0.7

1.3  
1.1



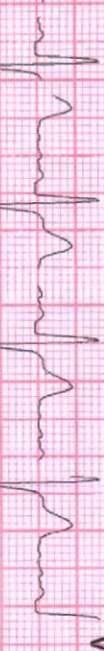
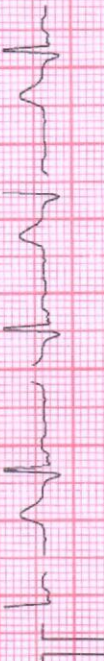
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0.6  
0.4



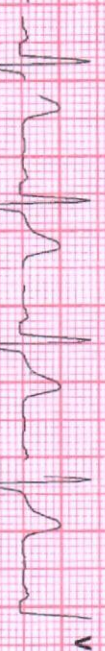
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-0.4



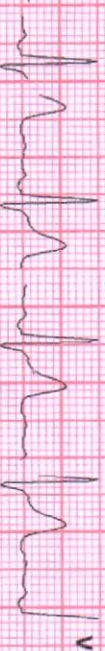
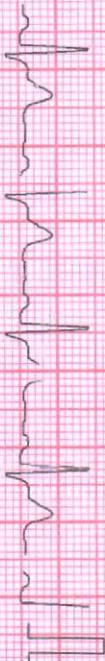
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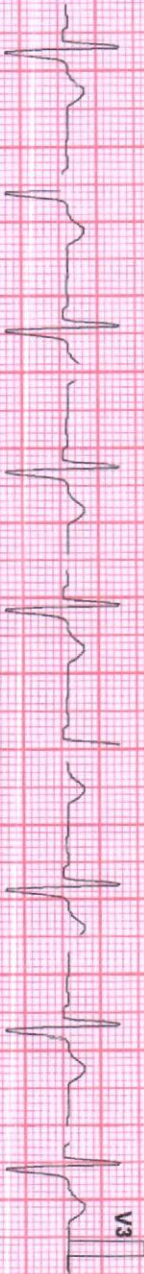


Chart Sp. ped: 25 mm/sec  
Schlier Spa an V 4.51

Filter: 34 Hz

Mains Fil: ON

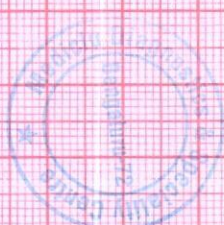
Amp: 10 mm

iso = R - 60 n

J = R + 60 ms

2nd J = J + 60 ms

Linke Median



Test Repo :

me iclu diagnos ic

MR R, NJAN ALOK (30 M)

ID: 71 336      Date: 16-Dec-21      Exec Time: 0 m 0 s      Stage Time: 0 m 1 s      HR: 77 bpm  
 Stage: Standing      Speed: 0 m/s      Grade: 0 %      (T R: 171 bpm)      B.P: 120/80

Protocol: Bruce      ST Slope (mV/s)      ST Level (mm)      ST Level (mV)      ST Slope (mV/s)

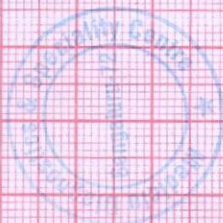
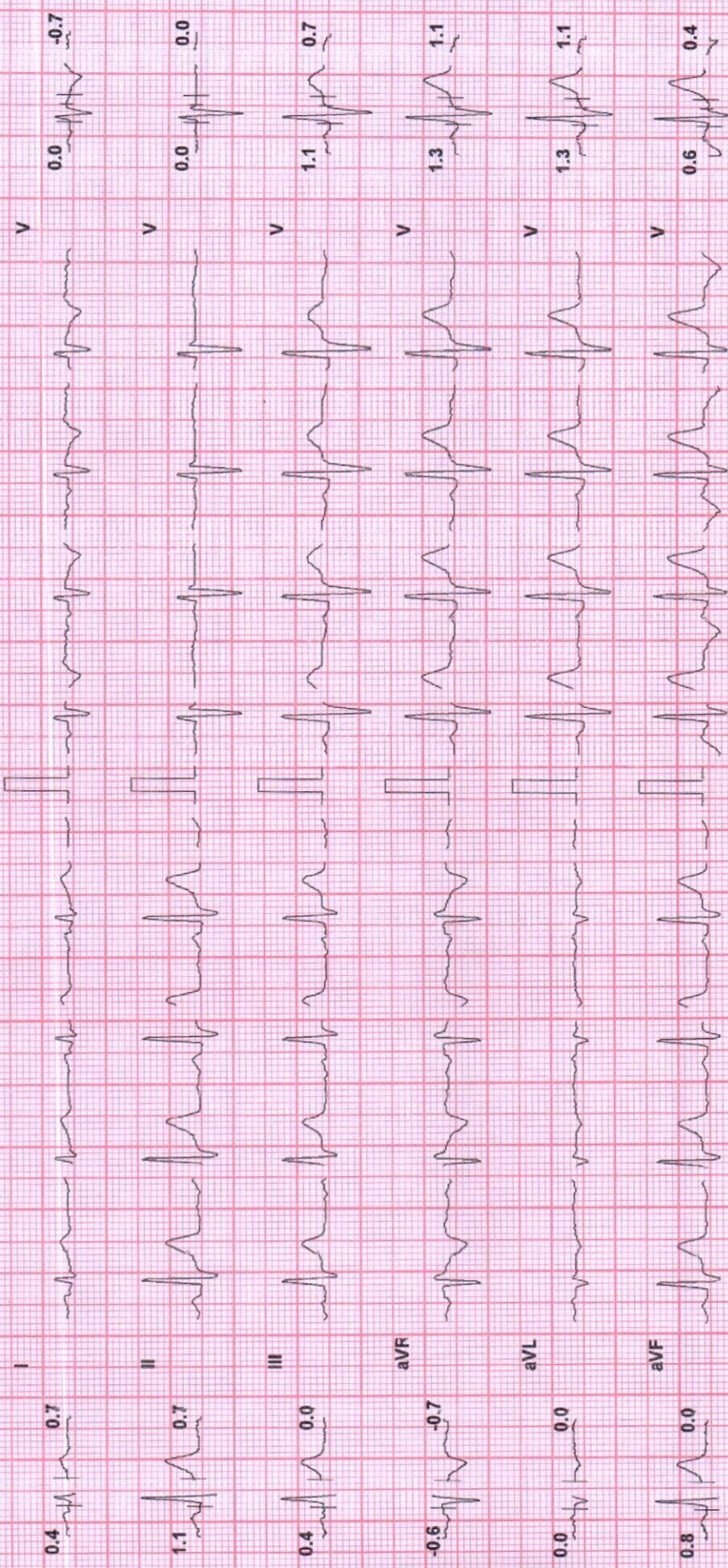


Chart Speed: 25 mm/sec      Filter: 30 Hz      Mains Filter: ON      Amp: 10 mm      Iso = R - 60 μs      J = R + 60 ms      Post J = J + 60 ms  
 Schiller SpA      Linke: Median

BPL-DYNATRAC

Test Repo :

me iclu diagnosis ic

MR R/ NJAN ALOK (30 M)

ID: 7: 336

Date: 16-Dec-21

Exec Time: 0 m 0 s

HR: 74 bp 7

Protocol: Bruce

Stage: Hyperventilatic

Grade: 0 %

(TIR: 171 bpm)

B.P: 120/80

ST Lev (mm) ST Slope (mV/s)

ST .evel (m ) ST Slo e (mV/s)

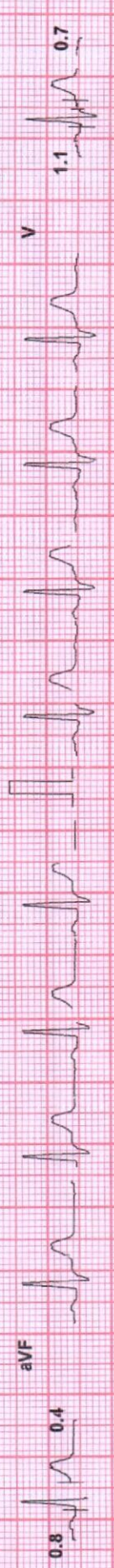
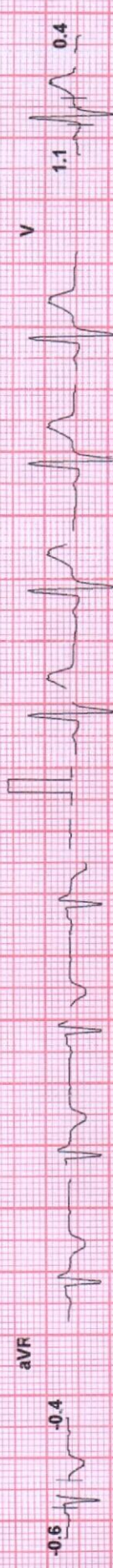
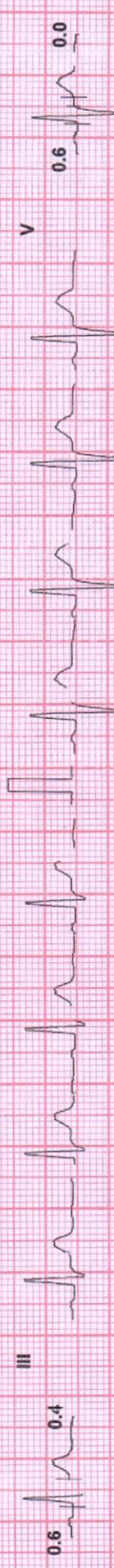
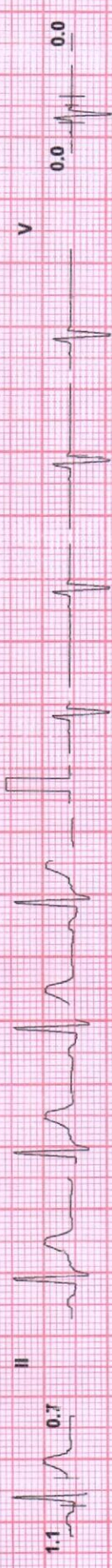
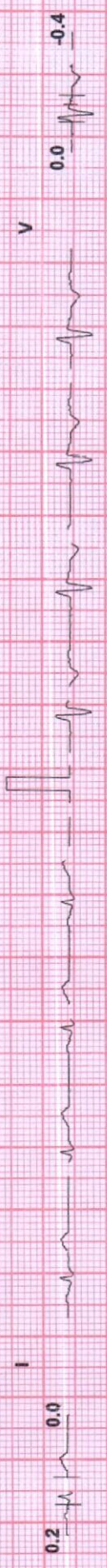


Chart Speed: 25 mm/sec  
Schiller Sp... an V 4.51

Filter: 30 Hz

Mains Fil: ON

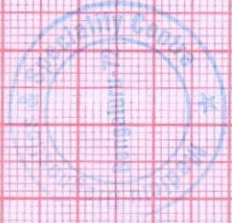
Amp: 10 mm

Iso = R - 60 m

J = R - 60 ms

Post J = J + 60 ms

Linke Median



BPL-DYNATRAC

Test Repo :

me iclu diagnos ic

MR RJ NJAN ALOK (30 M)

ID: 71336  
 Date: 16-Dec-21  
 Exec Time: 2 m 54 s  
 Stage: 1  
 ST Slope (mV/s): 0.4  
 ST Lev (mm): 0.6  
 ST Lev (mm): 0.0  
 ST Lev (mm): -0.6  
 ST Lev (mm): 0.2  
 ST Lev (mm): 0.4  
 HR: 108 bpm  
 B.P: 120/80  
 (T) R: 171 bpm  
 Grade: 1 %  
 Speed: 1.7 rph  
 ST .evel (mV) V  
 ST Slo e (mV/s) V  
 ST Slo e (mV/s) V  
 ST Slo e (mV/s) V  
 ST Slo e (mV/s) V  
 ST Slo e (mV/s) V  
 ST Slo e (mV/s) V

Protocol: Bruce  
 ST Slope (mV/s): 0.7  
 ST Slope (mV/s): 0.7  
 ST Slope (mV/s): -0.4  
 ST Slope (mV/s): -0.7  
 ST Slope (mV/s): 0.7  
 ST Slope (mV/s): 0.0  
 ST Slope (mV/s): -0.4



Chart Speed: 25 mm/sec  
 Filter: 30 Hz  
 Mains Filt: ON  
 Amp: 10 mm  
 Iso = R - 60 n  
 J = R + 60 ms  
 Post J = J + 60 ms  
 Linke: Median  
 Schiller Spa an V4.31  
 BPL-DYNATRAC



me iclu diagnosis ic

Test Repo :

MR R/ NJAN ALOK (30 M)

ID: 71 336

Date: 16-Dec-21

Exec Time : 5 m 54 s

HR: 131 b, m

Protocol Bruce

Stagi 2

Speed: 2.5 r ph

Grade: 1 %

B.P: 120/80

ST Lev (mm)

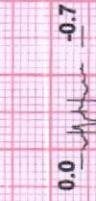
ST Slope (mV/s)

ST .evel (m )

ST Slo e (mV/s)



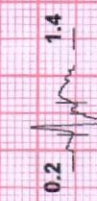
V



V



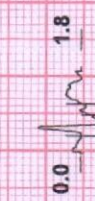
V



aVR



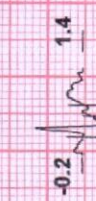
V



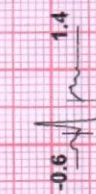
aVL



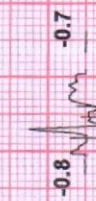
V



aVF



V



V3

Chart Speed: 25 mm/sec  
Schiller Spinal V 4.51

Filter: 30 Hz

Mains Filt: ON

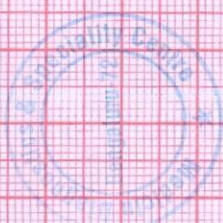
Amp: 10 mm

Iso = R - 60 m

J = R + 60 ms

Post J = J + 60 ms

Linke Median



BPL-DYNATRAC

me iclu diagnos ic

Test Repo :

MR R/ NJAN ALOK (30 M)

ID: 71 336

Date: 16-Dec-21

Exec Tim : 8 m 54 s St. je Time : 2 m 5. s

HR: 161 b, m

Protocol Bruce

Stage 3

Speed: 3.41 ph

Grade: 1 %

(T) R: 171 bpm

B.P: 120/80

ST Lev (mm)

ST Slope (mV/s)

ST level (m)

ST Slo e (mV/s)

0.0 -1.1

0.7

-0.2

-1.1

-1.1

2.1

0.2

0.0

-0.8

1.8

0.0

2.8

0.4

-1.4

-0.2

3.2

0.4

-0.4

-0.6

2.5

-0.8

2.1

-1.5

-1.8

V3

Chart Speed: 25 mm/sec  
Schiller Sp... an V4.51

Filter: 30 Hz

Mains Filtr: ON

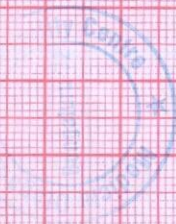
Amp: 10 mm

ISO = R - 60 Hz

J = R + 60 ms

Post J = J + 60 ms

Linke: Median

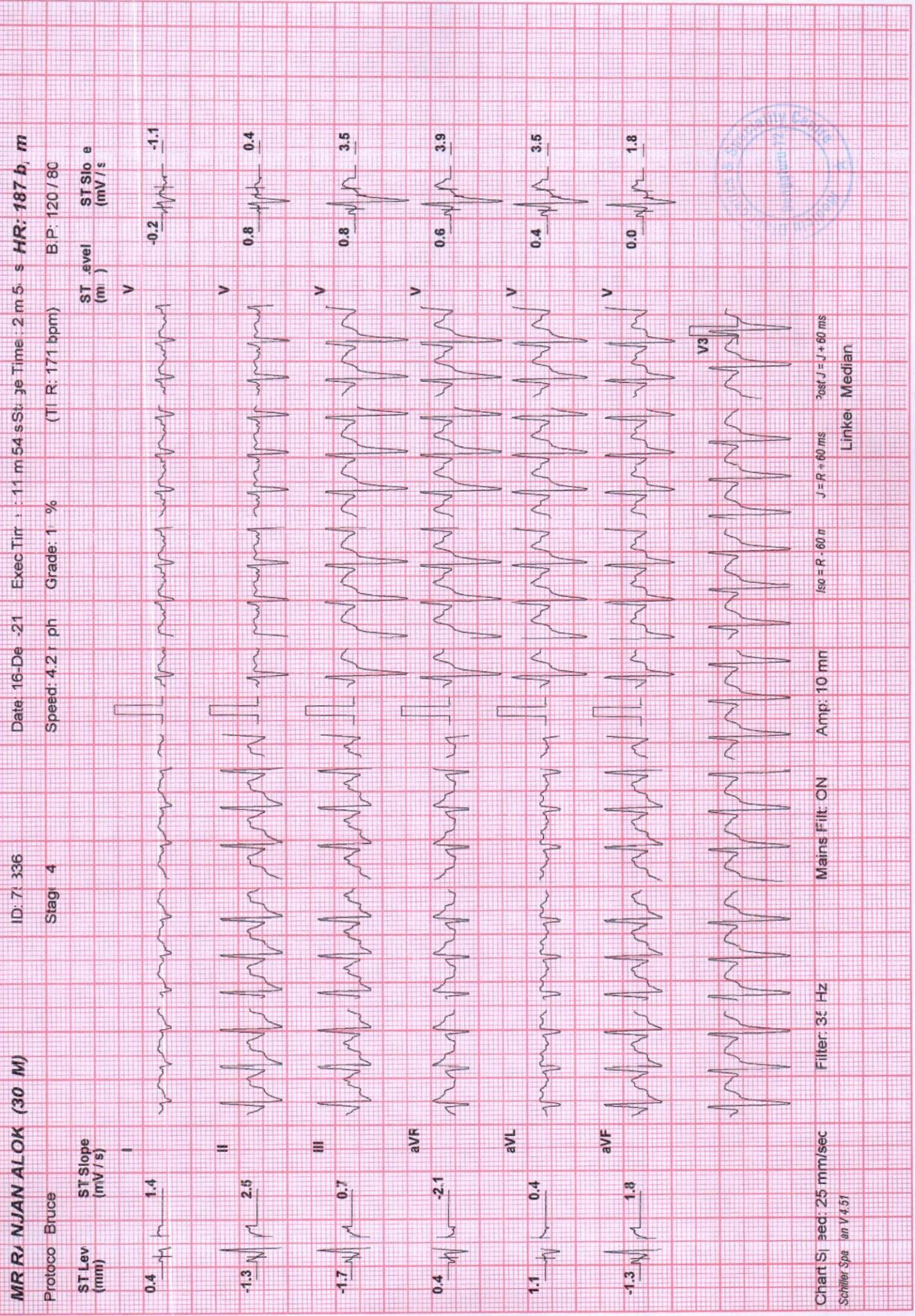


BPL-DYNATRAC

Test Report :

me iclu diagnosis ic

BPL-DYNATRAC



MR R/ NJAN ALOK (30 M)  
 Protocol Bruce

ID: 71 336  
 Stage: 4

Date: 16-Dec-21  
 Speed: 4.2 rph  
 Exec Time: 11 m 54 s  
 Grade: 1 %

ST Lev (mm)  
 ST Slope (mV/s)

ST Level (mV)  
 ST Slope (mV/s)

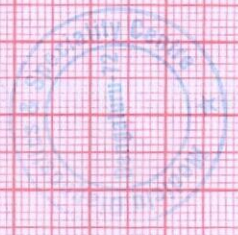
Chart Speed: 25 mm/sec  
 Schiller SpA an V 4.51

Mains Filtr: ON  
 Filter: 35 Hz

Amp: 10 mm  
 Iso = R - 60 m  
 J = R + 60 ms  
 Ref J = J + 60 ms

HR: 187 b, m  
 B.P: 120 / 80  
 (T/R: 171 bpm)

Linke Median



me iclu diagnosis ic

Test Repo t

BPL-DYNATRAC

MR R/ NJAN ALOK (30 M)

ID: 71 336

Date: 16-Dec-21

Exec Tir : 11 m 56 s St: je Time : 2 m 51 s

HR: 187 b, m

Protocol Bruce

Stage: Peak Ex

Grade: 1 %

(T) R: 171 bpm

B.P: 120/80

ST Lev (mm) 0.4

ST Slope (mV/s) 1.4

ST level (m) 0.8

ST Slo e (mV/s) -1.1

-1.3

0.4

1.4

-0.2

-1.1

-1.3

0.8

2.5

0.8

0.4

-1.7

0.8

0.7

0.8

3.5

0.4

0.6

-2.1

0.6

3.9

1.1

0.4

0.4

0.4

3.5

-1.3

0.0

1.8

0.0

1.8

Chart Speed: 25 mm/sec  
Schiller Spac an V 4.57

Filter: 35 Hz

Mains Filtr: ON

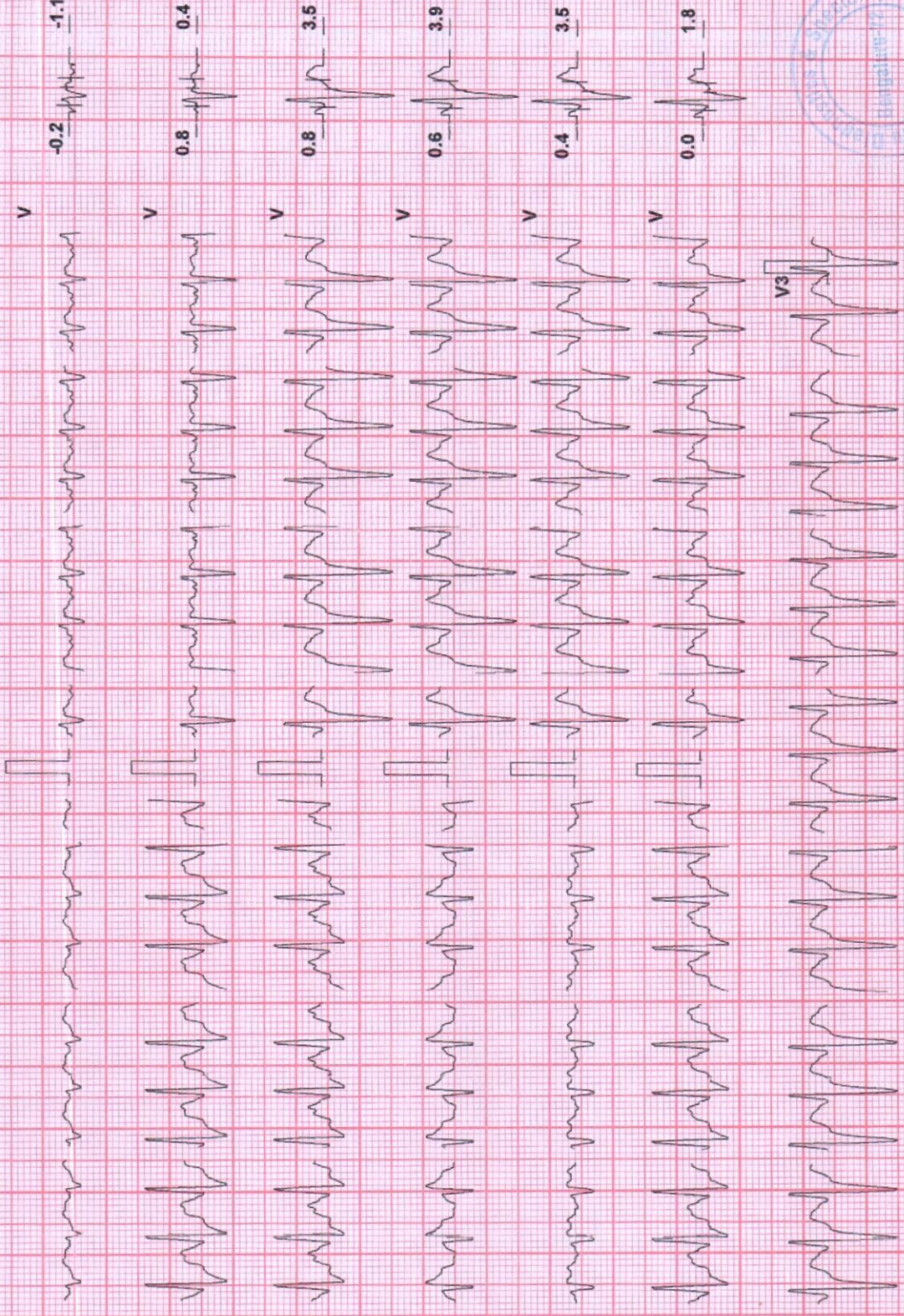
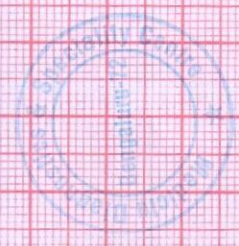
Amp: 10 mm

ISO = R - 60 n

J - R = 60 ms

Post J - J + 60 ms

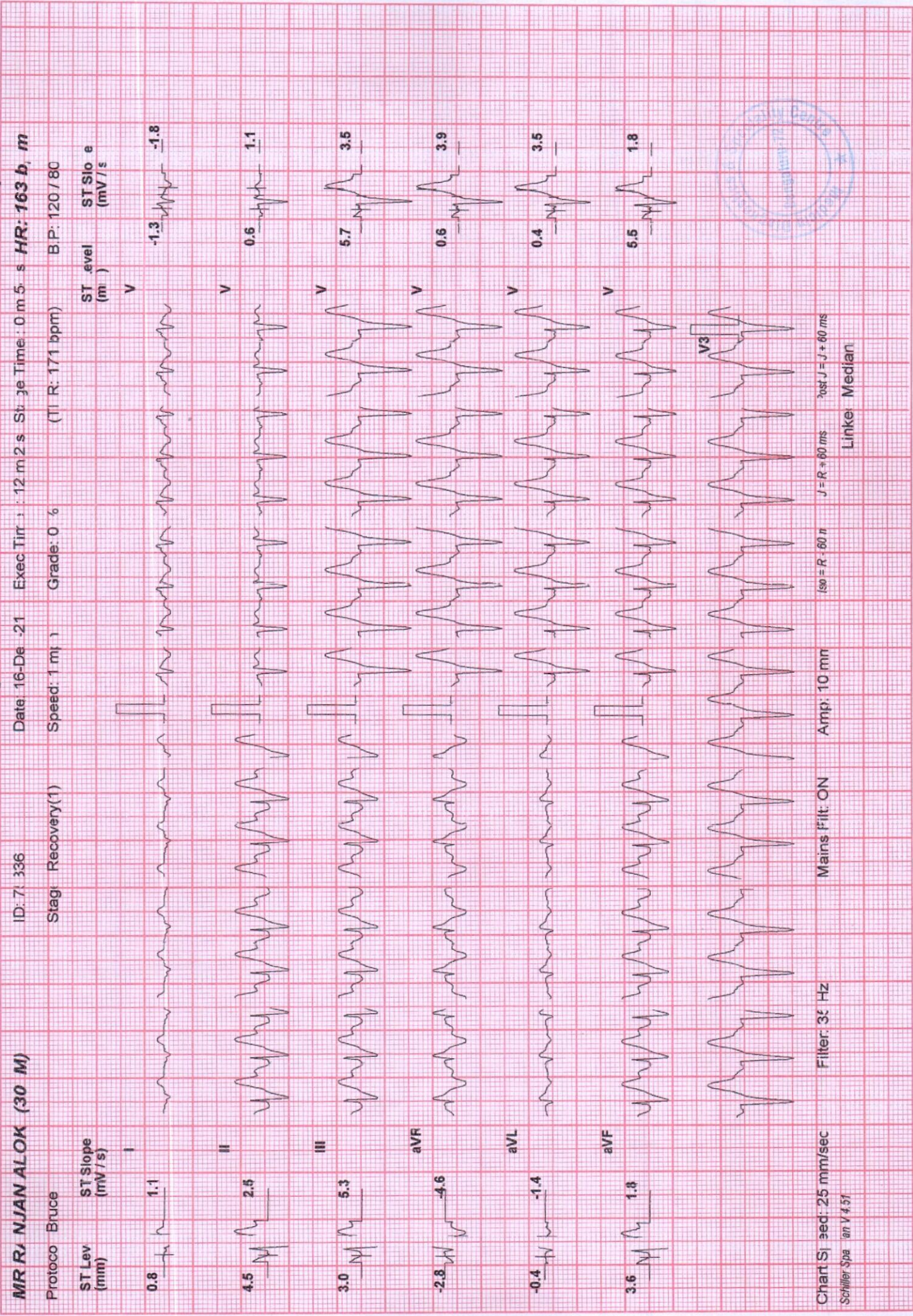
Linke: Median



Test Report :

me iclu diagnosis ic

BPL-DYNATRAC



MR RANJAN ALOK (30 M) ID: 71336 Date: 16-Dec-21 Exec Time: 12 m 2 s Strge Time: 0 m 5 s HR: 163 b, m  
 Protocol: Bruce Stage: Recovery(1) Speed: 1 m/s Grade: 0% (T1 R: 171 bpm) B.P: 120/80

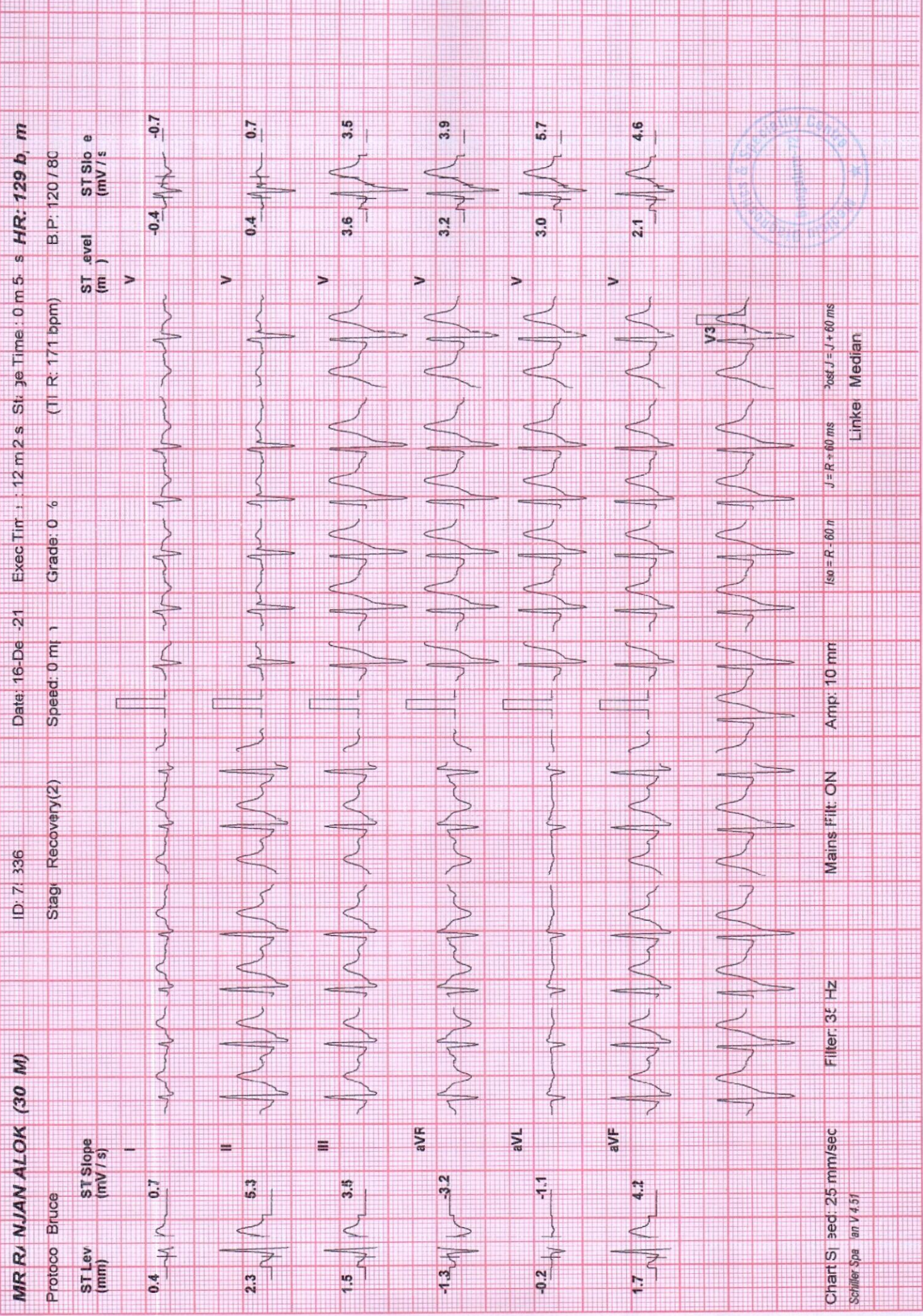
Chart Speed: 25 mm/sec Filter: 35 Hz Mains Fit: ON Amp: 10 mm  
 J = R + 60 ms J = R - 60 ms Post J = J + 60 ms  
 Linke: Median



me iclu diagnosis ic

Test Repo i

BPL-DYNATRAC



MR R/ NJAN ALOK (30 M)

ID: 71 336

Date: 16-Dec-21

Exec Time: 12 m 2 s

HR: 129 b, m

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mm/s

Grade: 0 %

B.P: 120/80

ST Lev (mm)

ST level (mV)

ST Slope (mV/s)

ST Slope (mV/s)

Chart Speed: 25 mm/sec

Mains Filt: ON

Filter: 35 Hz

Amp: 10 mm

Schiller Spa

an V 4.57

J = R = 60 ms

Post J = J + 60 ms

Linke Median



## mediclu diagnostic

**Patient Details**

Date: 16-Dec-21

Time: 12:31:05

Name: MR RANJAN ALOK ID: 75336

Age: 30 y

Sex: M

Height: 176 cms.

Weight: 92 Kg.

Clinical history:

Medications:

**Protocol:** Bruce

**Pr.MHR:** 190 bpm

**THR:** 171 (90 % of Pr.MHR) bpm

**Total Exec. Time:** 12 m 2 s

**Max. HR:** 187 ( 98% of Pr.MHR )bpm

**Max. Mets:** 14.90

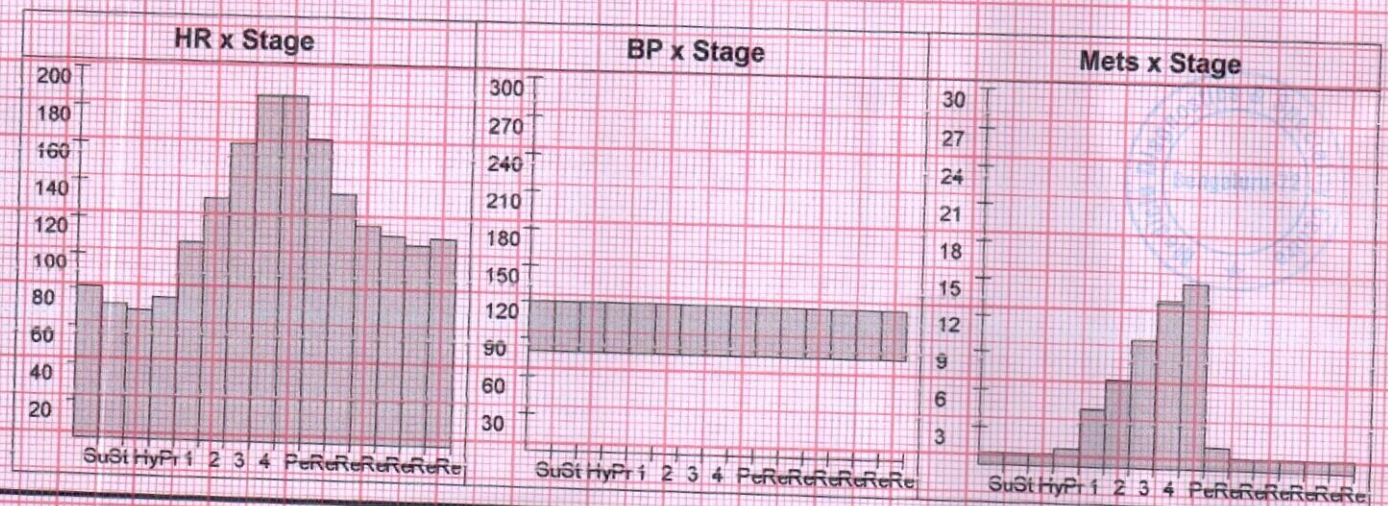
**Max. BP:** 120 / 80 mmHg

**Max. BP x HR:** 22440 mmHg/min

**Min. BP x HR:** 5520 mmHg/min

**Test Termination Criteria:**
**Protocol Details**

Stage Name	Stage Time (min : sec)	Mets	Speed (moh)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Ho)	Max. ST Level (mm)	Max. ST Slope (mv/s)
Supine	0 : 45	1.0	0	0	81	120 / 80	-0.85 aVR	1.42 II
Standing	0 : 24	1.0	0	0	72	120 / 80	-0.85 aVR	1.42 V6
Hyperventilation	0 : 14	1.0	0	0	69	120 / 80	-0.85 aVR	1.42 V6
1	3 : 0	4.6	1.7	10	107	120 / 80	-1.06 aVR	3.89 V6
2	3 : 0	7.0	2.5	12	131	120 / 80	-0.85 aVR	4.25 V6
3	3 : 0	10.2	3.4	14	161	120 / 80	-1.91 V3	5.31 V6
4	3 : 0	13.5	4.2	16	187	120 / 80	-4.25 II	5.66 V4
Peak Ex	0 : 2	14.9	5	18	187	120 / 80	-1.70 III	3.89 V4
Recovery(1)	1 : 0	1.8	1	0	164	120 / 80	-2.76 aVR	5.66 aVF
Recovery(2)	1 : 0	1.0	0	0	135	120 / 80	-4.46 aVR	5.66 II
Recovery(3)	1 : 0	1.0	0	0	118	120 / 80	-1.70 aVR	5.66 V3
Recovery(4)	1 : 0	1.0	0	0	113	120 / 80	-1.06 aVR	3.18 II
Recovery(5)	1 : 0	1.0	0	0	108	120 / 80	-2.12 III	4.95 V3
Recovery(6)	0 : 11	1.0	0	0	112	120 / 80	-1.49 V4	-1.77 V3



MR R. NJAN ALOK (30 M)

ID: 71 336

Date: 16-De -21

Exec Tim : 12 m 2 s

St je Time: 0 m 5. s HR: 118 b. m

Protoco Bruce

Stagi Recovery(3)

Speed: 0 m 1

Grade: 0 %

(T R: 171 bpm)

B.P: 120 / 80

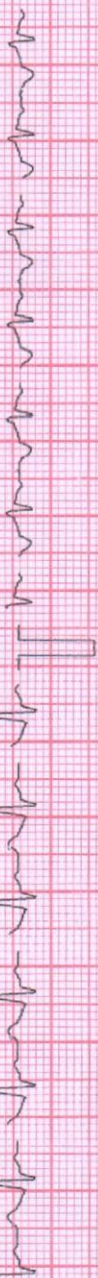
ST Lev (mm)

ST Slope (mV/s)

ST evel (m )

ST Slo e (mV/s)

0.4 1.1



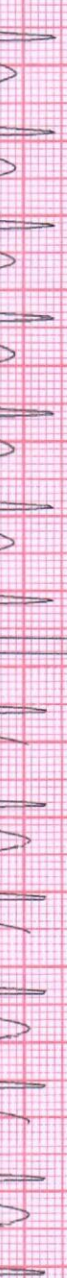
0.0 -1.1

1.3 3.2



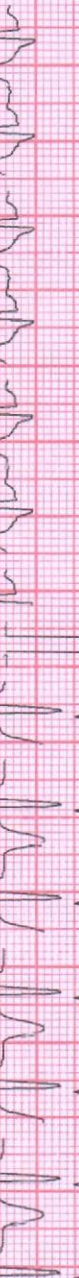
0.0 -0.7

0.8 2.1



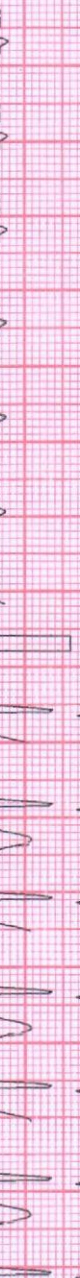
1.7 2.5

-0.8 -2.1



1.5 2.5

-0.2 -0.4



1.3 2.1

1.1 2.8



1.1 2.1

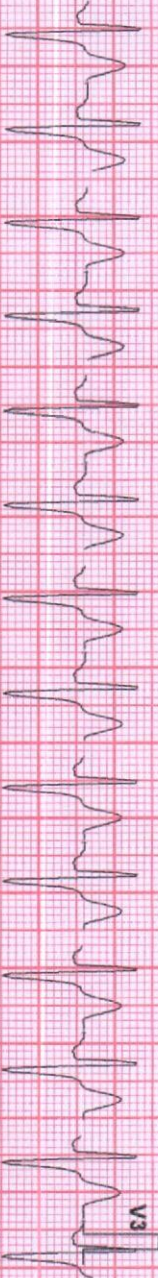


Chart SI sec: 25 mm/sec  
Schiller Spa Jan 14 51

Filter: 35 Hz

Mains Fil: ON

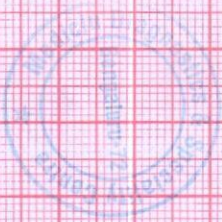
Amp: 10 mm

iso = R - 60 m

J = R + 60 ms

2nd J = J + 60 ms

Linke Median





me iclu diagnos ic

Test Repo :

MR R, NJUAN ALOK (30 M)

ID: 71 336

Date: 16-De-21

Exec Tir : 12 m 2 s St je Time : 0 m 5 s HR: 114 b, m

Proto Bruce

Stagl Recovery(4)

Speed: 0 m/ 1

Grade: 0 %

(T R: 171 bpm)

B.P: 120 / 80

ST Lev (mm) ST Slope (mV/s)

ST evel (m ) ST Slo e (mV/s)

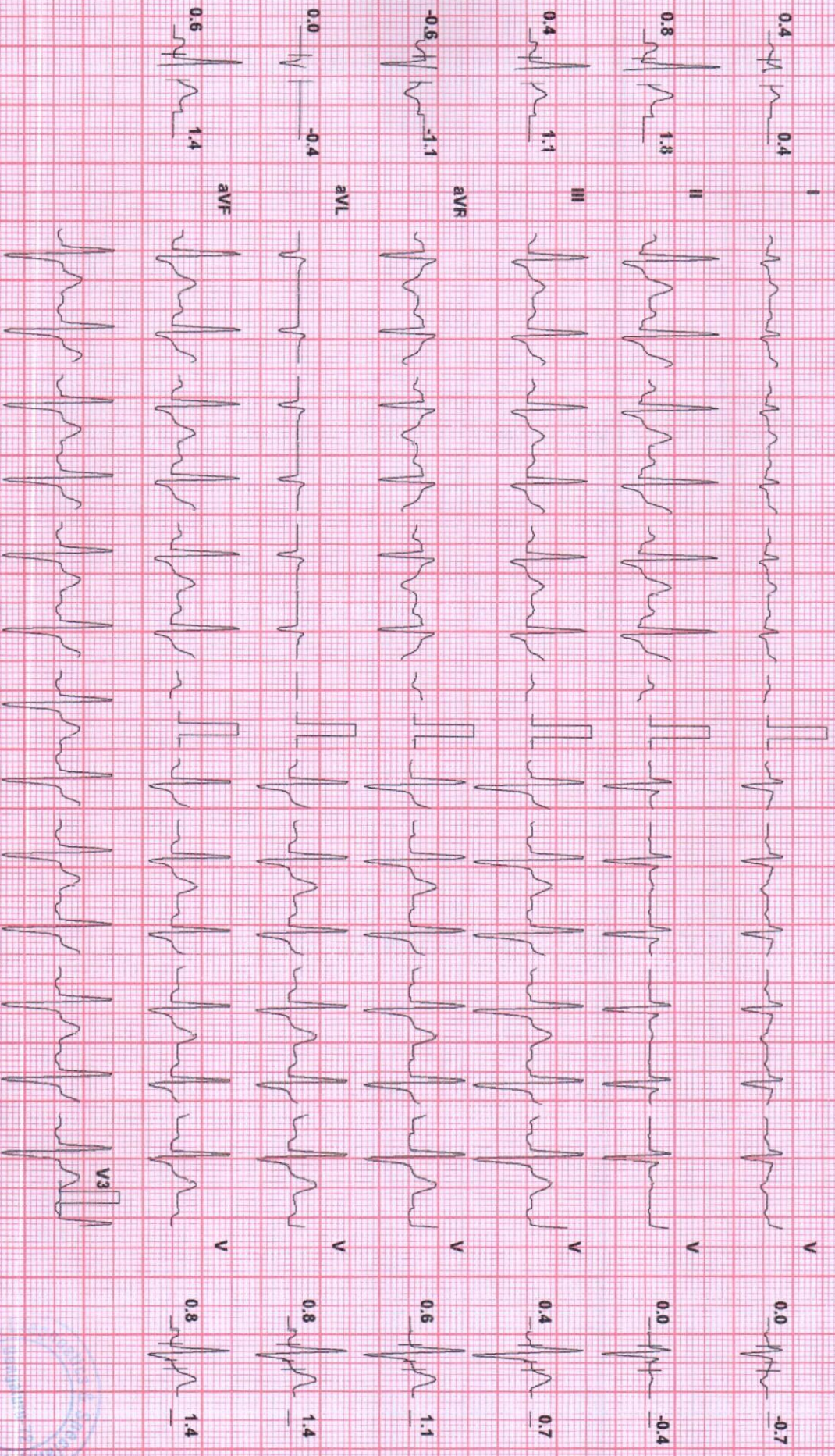


Chart SI speed: 25 mm/sec  
Schiller Spa Jan 14 51

Filter: 30 Hz

Mains Filtr ON

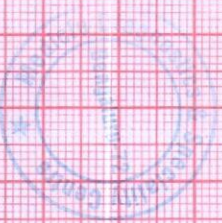
Amp: 10 mm

ISO = R - 60 m

J = R + 60 ms

Post J = J + 60 ms

Linke Median



me iclu diagnos ic

Test Repo :

**MRRU NJUANALOK (30 M)**

ID: 71 336

Date: 16-De -21

Exec Tir : 12 m 2 s

St je Time : 0 m 5 s

HR: 110 b, m

Protoco Bruce

Stagi Recovery(5)

Speed: 0 m/ 1

Grade: 0 6

(T1 R: 171 bpm)

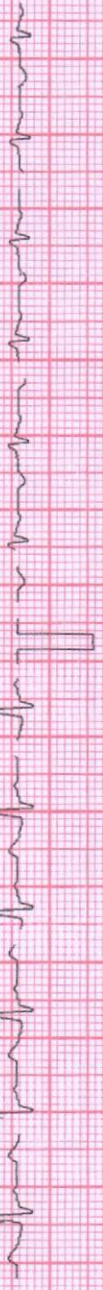
B.P: 120 / 80

ST Lev (mm)

ST evel (m )

ST Slo e (mV/s)

0.2 0.4



0.0 -0.7

0.4 1.1



0.2 0.0

0.4 1.1



0.6 0.4

0.4 1.1



0.6 0.7

0.0 -0.4



0.6 1.1

0.4 1.1



0.6 1.1

0.4 1.1



0.6 1.1

Chart Si sec: 25 mm/sec  
Schiller Spa an 14.51

Filter: 3f Hz

Mains Fil: ON

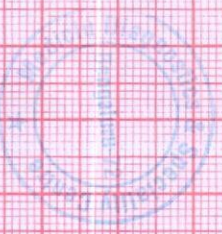
Amp: 10 mm

ISO = R - 60 n

J = R + 60 ms

3rd J = J + 60 ms

Linke Median



MR RU NJANALOK (30 M)

ID: 71 336

Date: 16-Dec-21

Exec Time: 12 m 2 s

HR: 110 b, m

Protoco Bruce

Stage Recovery(6)

Speed: 0 m/s

Grade: 0 %

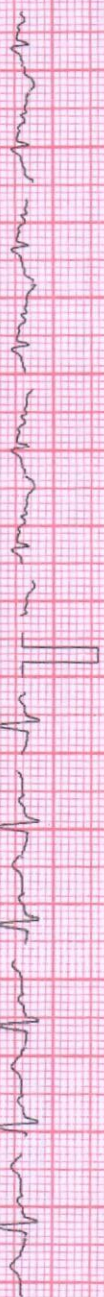
TT R: 171 bpm

B.P: 120 / 80

ST Lev (mm) ST Slope (mV/s)

ST .evel (m) ST Slo e (mV/s)

0.8 0.7



-0.2 -0.7

0.4 1.4



-0.2 -0.7

-0.8 0.0



-0.6 -1.1

-0.8 -1.1



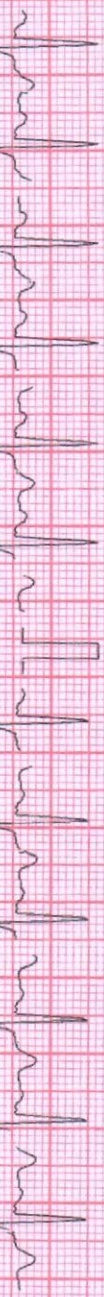
-0.8 -0.4

0.6 0.4



0.0 0.7

-0.2 0.7



0.0 0.7



Chart Speed: 25 mm/sec  
Schiller Spa 8m V 4.51

Filter: 35 Hz

Mains Fil: ON

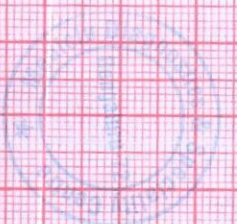
Amp: 10 mm

ISO = R - 60 Hz

J = R \* 60 ms

Post J = J \* 60 ms

Linke Median



## mediclu diagnostic

### Patient Details

Date: 16-Dec-21

Time: 12:31:05

Name: MR RANJAN ALOK ID: 75336

Age: 30 y

Sex: M

Height: 176 cms.

Weight: 92 Kg.

### interpretation

- Target heart rate achieved 95%.
- Good effort tolerance, Normal HR & BP response.
- No significant ST-T changes during exercise and recovery.
- No angina / Arrhythmias.

### IMPRESSION:

- TMT NEGATIVE FOR INDUCIBLE ISCHEMIA.

To correlate clinically.

Ref. Doctor: DR PRABHAKAR C



Doctor: DR LOKESH KM

( Summary Report edited by user )

aVR

MEDICIN DIAGNOSTICS  
MAGABENVA CIRCLE

PATIENT INFORMATION :-

REGD NO: 488281

NAME: MR RANJAN ALOK

AGE: 30 GENDER: M SMOKER: N

HEIGHT: 165 CMS WEIGHT: 69 KG

DATE: 12/15

TIME/DATE: 21:18:15 12/15

ECG SETTINGS :-

DRIVING MODE: AUTO 3+1

GAIN: 10 mm/mV

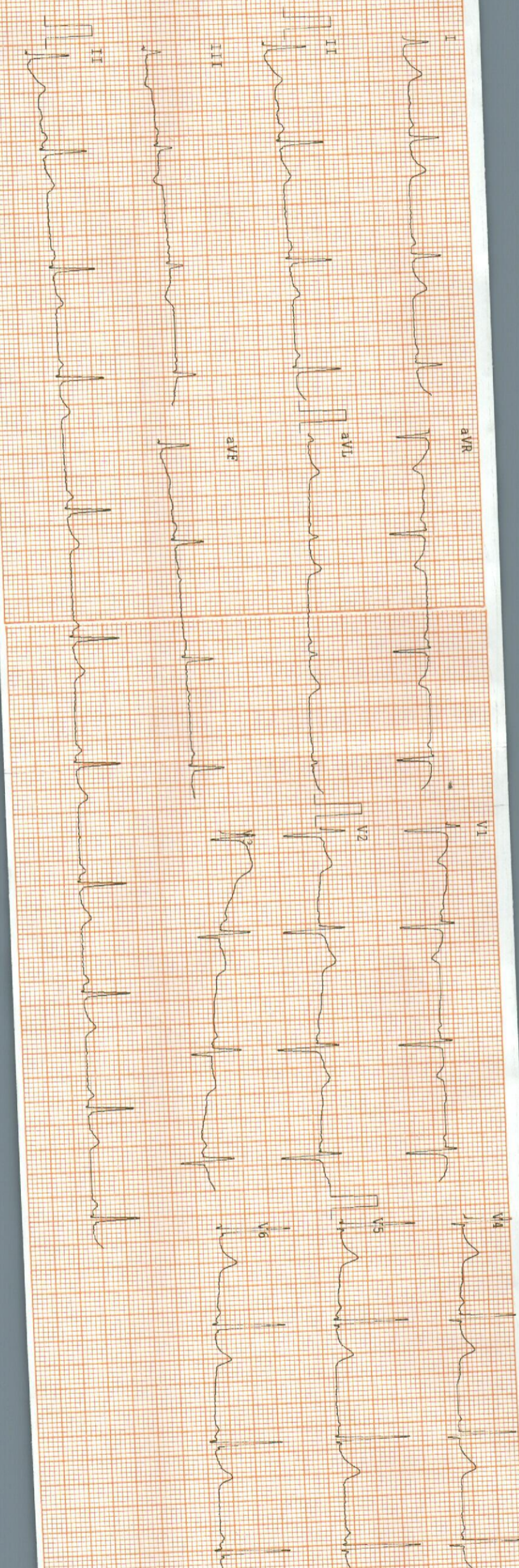
STANDARD: 25mm/Sec

FILTER: 0.5-35Hz

NOTCH: ON

PAPER LEAD: EI

ALLIENGERS P13CPS-A-1031 Ver-1.6M



OBSERVATIONS :-

HR - 75 bpm  
 PR - 182 ms  
 QR - 119 ms  
 QRS - 110 ms  
 QT - 388 ms  
 QTc - 391 ms

INDICATIONS

HR - NORMAL  
 NORMAL SINUS RHYTHM  
 NORMAL ELECTRIC HEART AXIS

REMARKS :-

CORRELATE CLINICALLY

