

# Mediclus Diagnostics & Speciality Centre

**MRS. SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 0 m 0 s

Stage Time : 0 m 23 s

HR: 86 bpm

Protocol: Bruce

Stage: Supine

Speed: 0 mph

Grade: 0 %

(THR: 171 bpm)

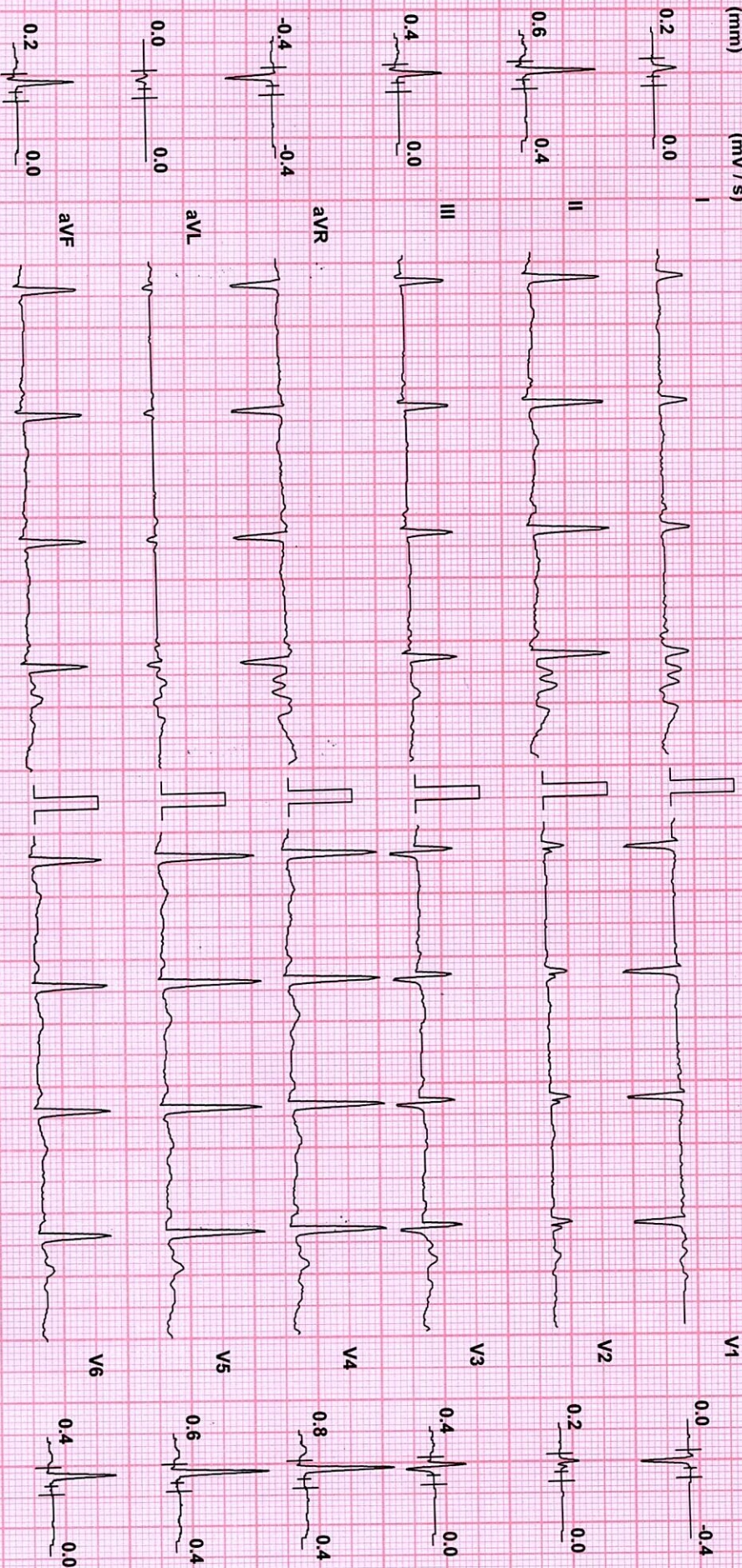
B.P: 110 / 76

ST Level (mm)

ST Slope (mv/s)

ST Level (mm)

ST Slope (mv/s)



BPL-DYNATRAC

Chart Speed: 25 mm/sec  
Schiller Spanden V 4.51

Filter: 35 Hz

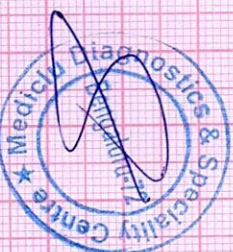
Mains Fil: ON

Amp: 10 mm

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 66 ms





Medilu Diagnostics & Speciality Centre

ID: 56234295 Date: 25-Jun-22 Exec Time : 0 m 0 s Stage Time : 0 m 14 s HR: 80 bpm

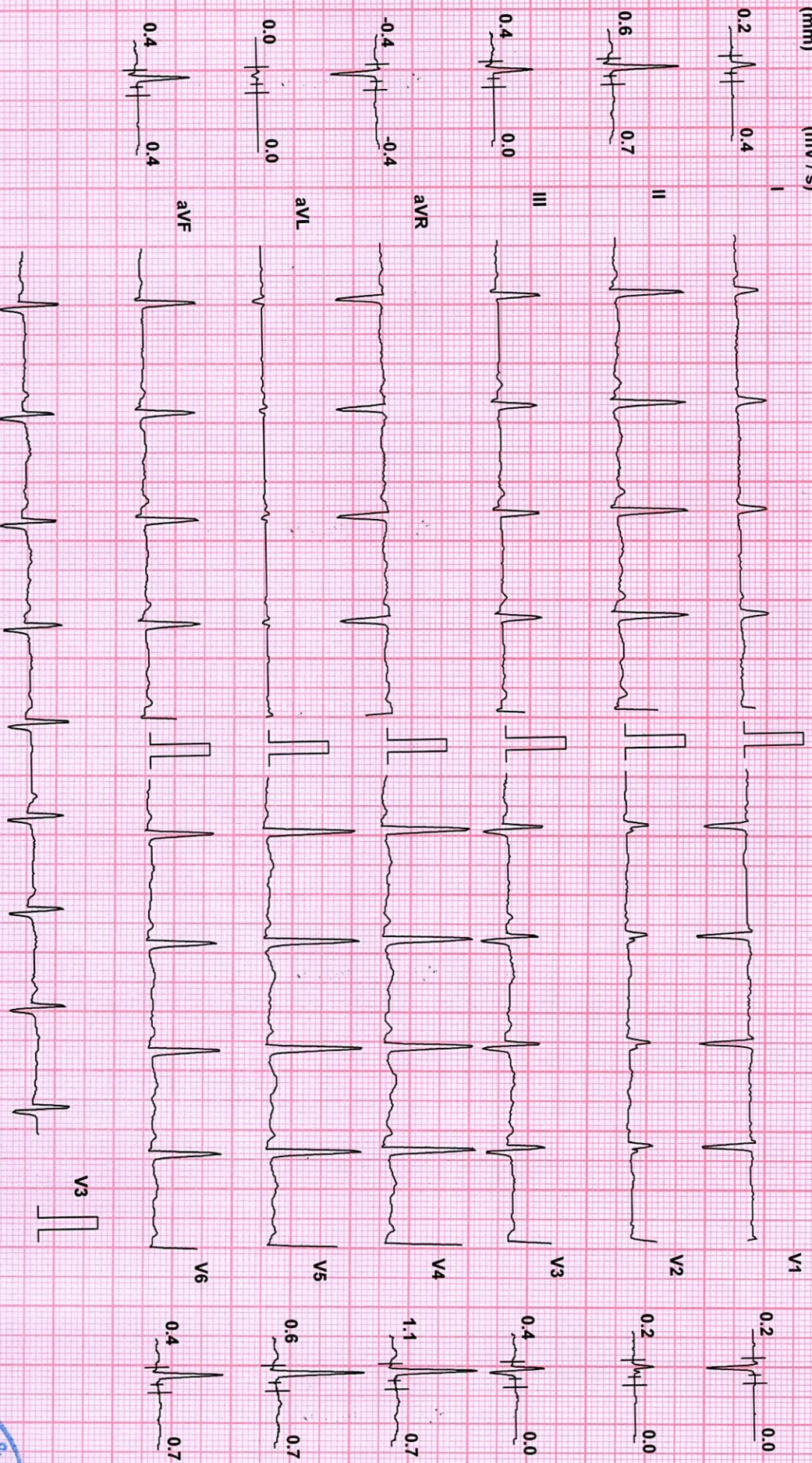
Stage: Standing Speed: 0 mph Grade: 0 % (THR: 171 bpm) B.P: 110 / 76

MRS SOWMYA P (29 F)

Protocol: Bruce

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

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



BPL-DYNATrac

Chart Speed: 25 mm/sec  
Schiller Spandan V 4.51

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms





# Mediclus Diagnostics & Speciality Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 0 m 0 s

Stage Time : 0 m 32 s

HR: 79 bpm

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

Grade: 0 %

(THR: 171 bpm)

B.P: 110 / 76

ST Level (mm)      ST Slope (mV/s)

ST Level (mm)      ST Slope (mV/s)

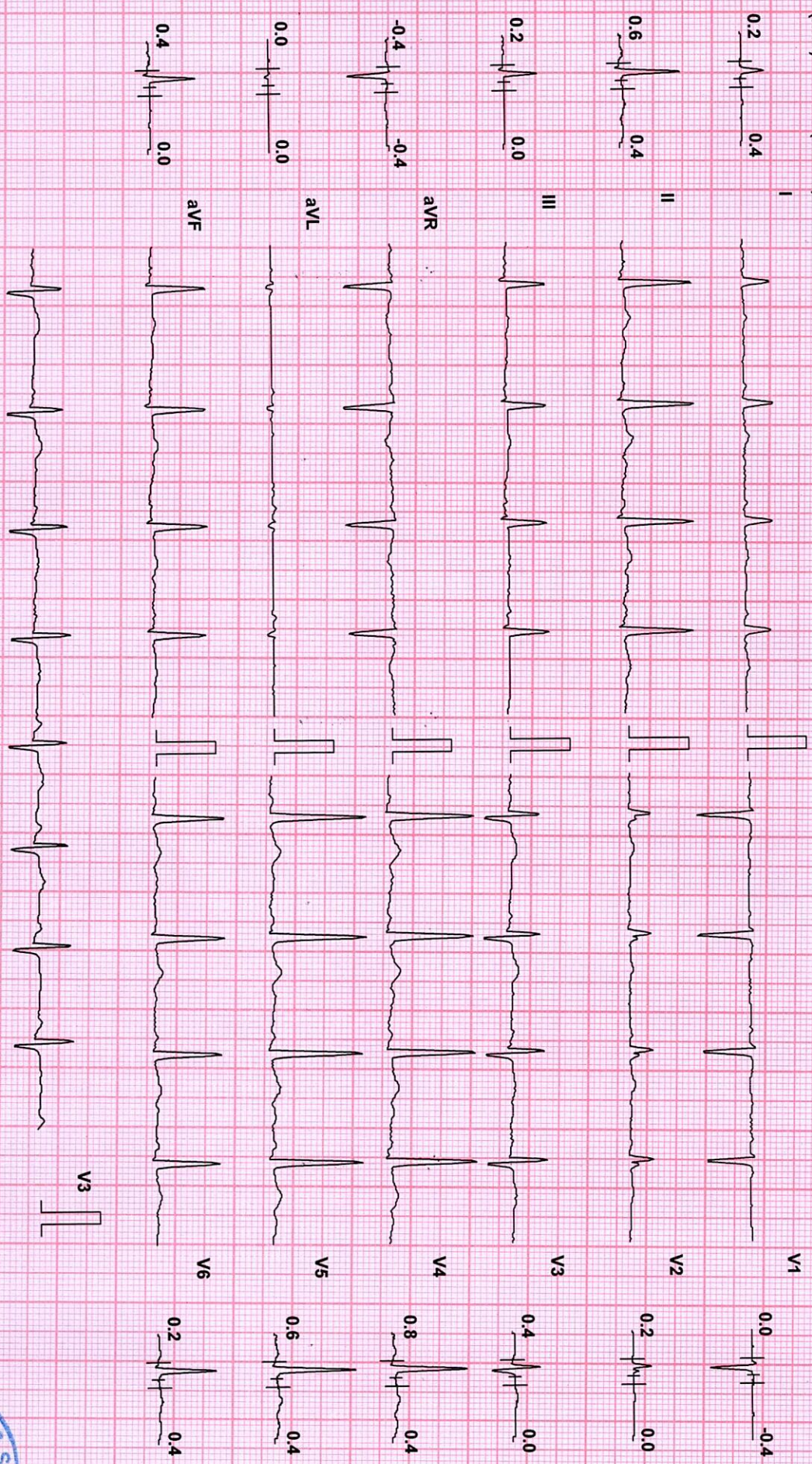


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Schiller Spandan V.4.5f



BPL-DYNATRAC



# Medicu Diagnostics & Speciality Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 1 m 50 s

Stage Time : 1 m 50 s

HR: 155 bpm

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

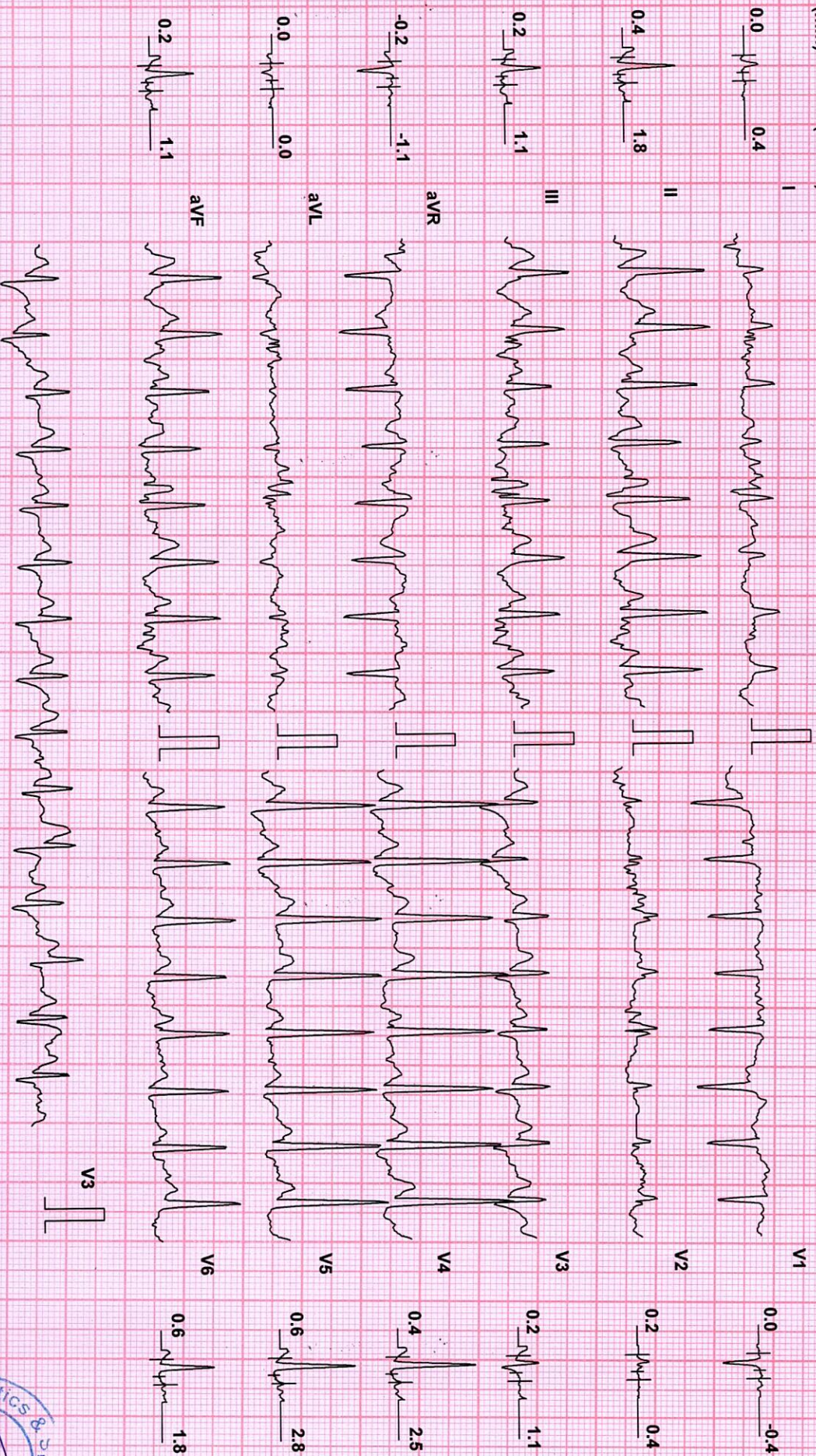
Grade: 10 %

(THR: 171 bpm)

B.P: 110/76

ST Level (mm)      ST Slope (mV/s)

ST Level (mm)      ST Slope (mV/s)



BPL-DYNATrac

Chart Speed: 25 mm/sec  
Schiller Spandan V.4.5f1

Filter: 35 Hz

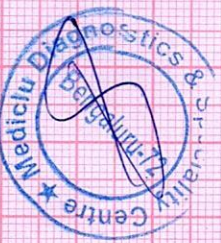
Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms





# Medicl Diagnostics & Speciality Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 3 m 37 s

Stage Time : 0 m 37 s

HR: 160 bpm

Protocol: Bruce

Stage: 2

Speed: 2.5 mph

Grade: 12 %

(THR: 171 bpm)

B.P: 110/76

ST Level (mm)      ST Slope (mV/s)

ST Level (mm)      ST Slope (mV/s)

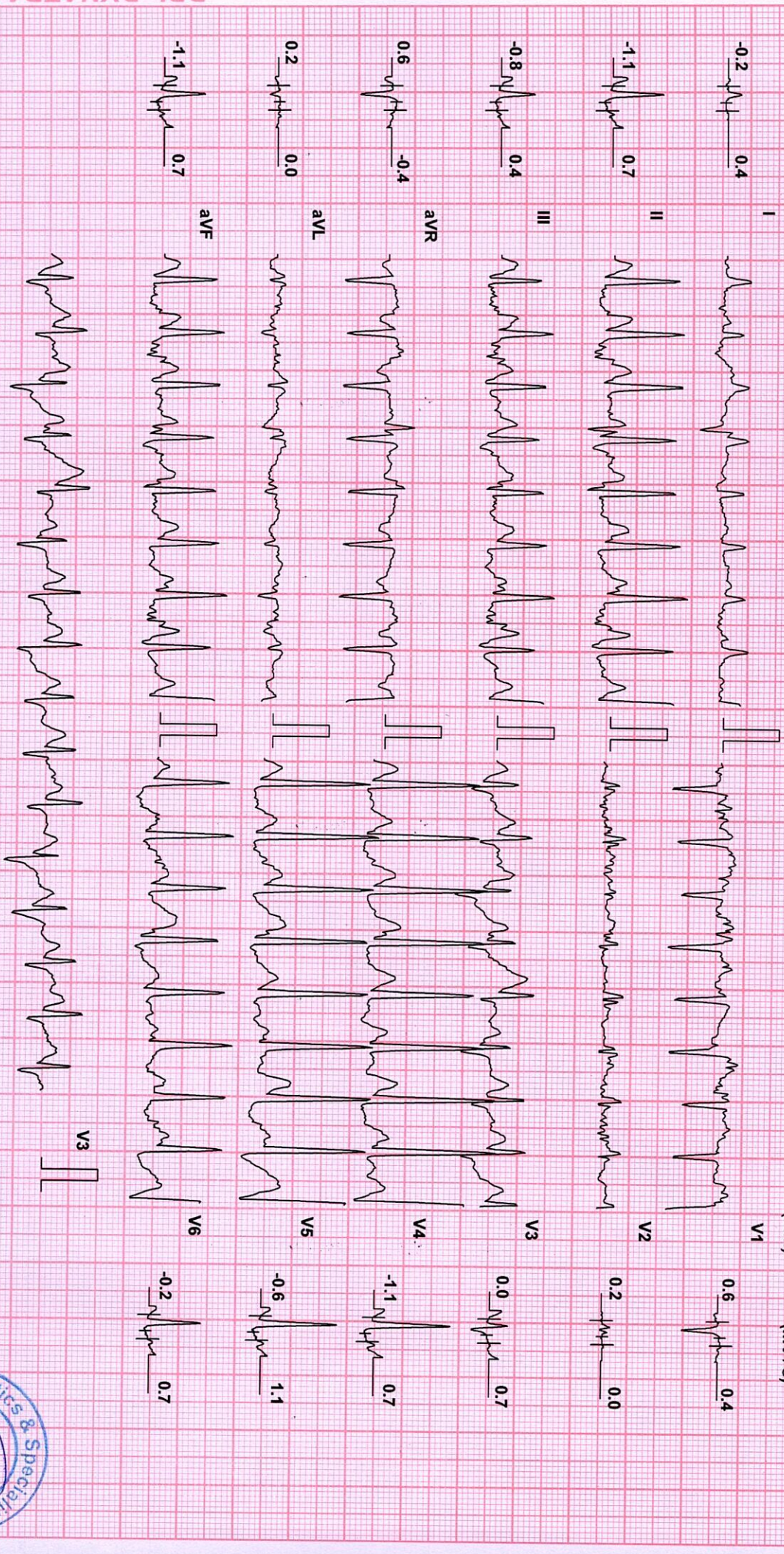


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Schiller Spandan V 4.51



BPL-DYNATRAC



# Mediclus Diagnostics & Speciality Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 9 m 0 s

Stage Time : 3 m 0 s

HR: 186 bpm

Protocol: Bruce

Stage: 3

Speed: 3.4 mph

Grade: 14 %

(THR: 171 bpm)

B.P: 113 / 79

ST Level (mm)    ST Slope (mV/s)

ST Level (mm)    ST Slope (mV/s)

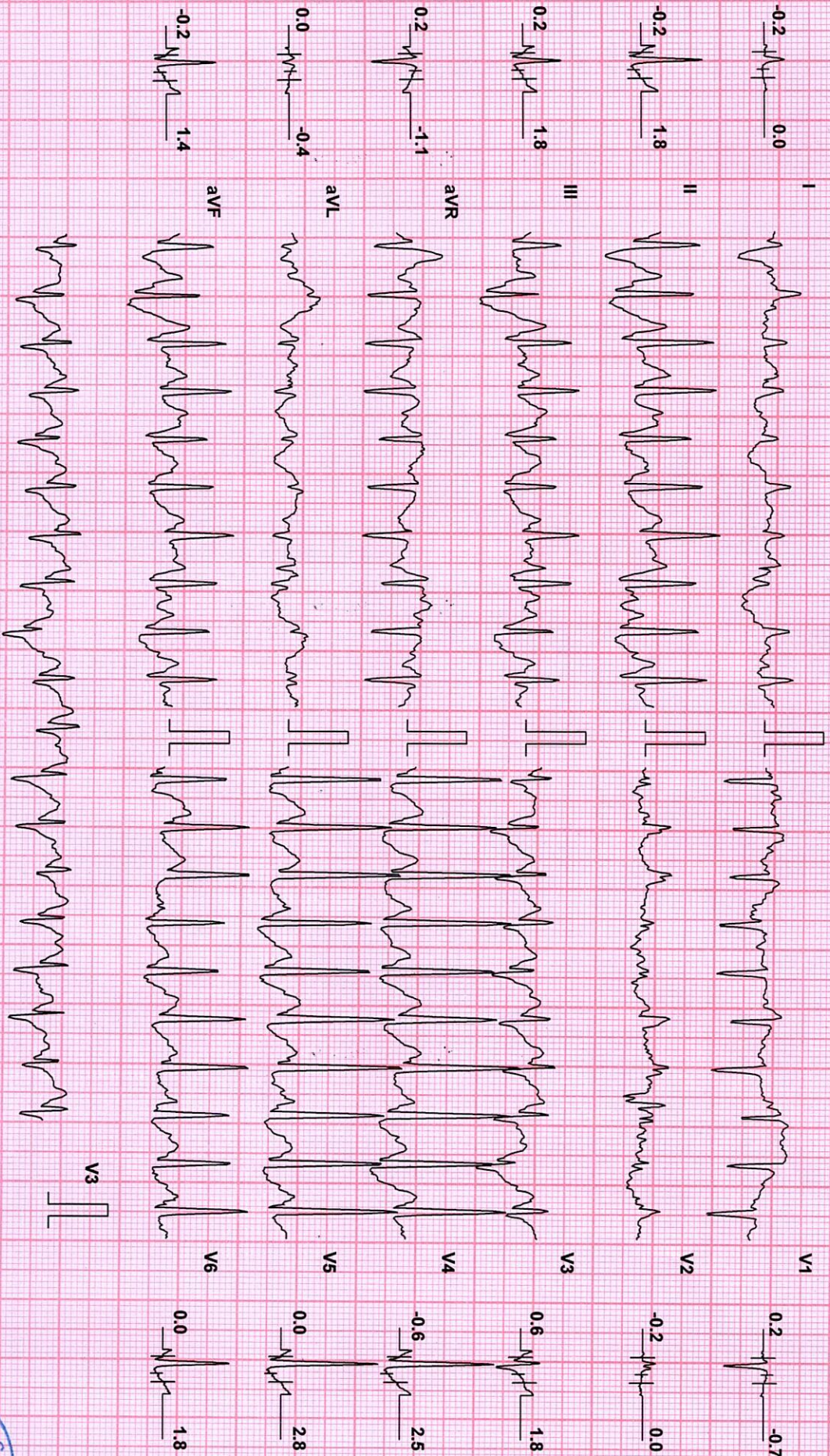
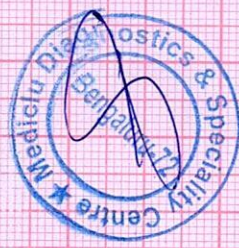


Chart Speed: 25 mm/sec    Filter: 35 Hz    Mains Fil: ON    Amp: 10 mm    Iso = R - 60 ms    J = R + 60 ms    Post J = J + 60 ms

Schiller Spandan V 4.51



BPL-DYNATRAC



# Mediclus Diagnostics & Speciality Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 9 m 18 s

Stage Time : 0 m 18 s

HR: 187 bpm

Protocol: Bruce

Stage: Peak Ex

Speed: 4.2 mph

Grade: 16 %

(THR: 171 bpm)

B.P: 113/79

ST Level (mm)

ST Slope (mV/s)

ST Level (mm)

ST Slope (mV/s)



Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = V + 60 ms

Schiller Spandan V 4.51



BPL-DYNATRAC



# Mediclus Diagnostics & Speciality Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 9 m 18 s Stage Time : 1 m 0 s

HR: 161 bpm

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

Grade: 0 %

(THR: 171 bpm)

B.P: 113 / 79

ST Level (mm)      ST Slope (mV/s)

ST Level (mm)      ST Slope (mV/s)

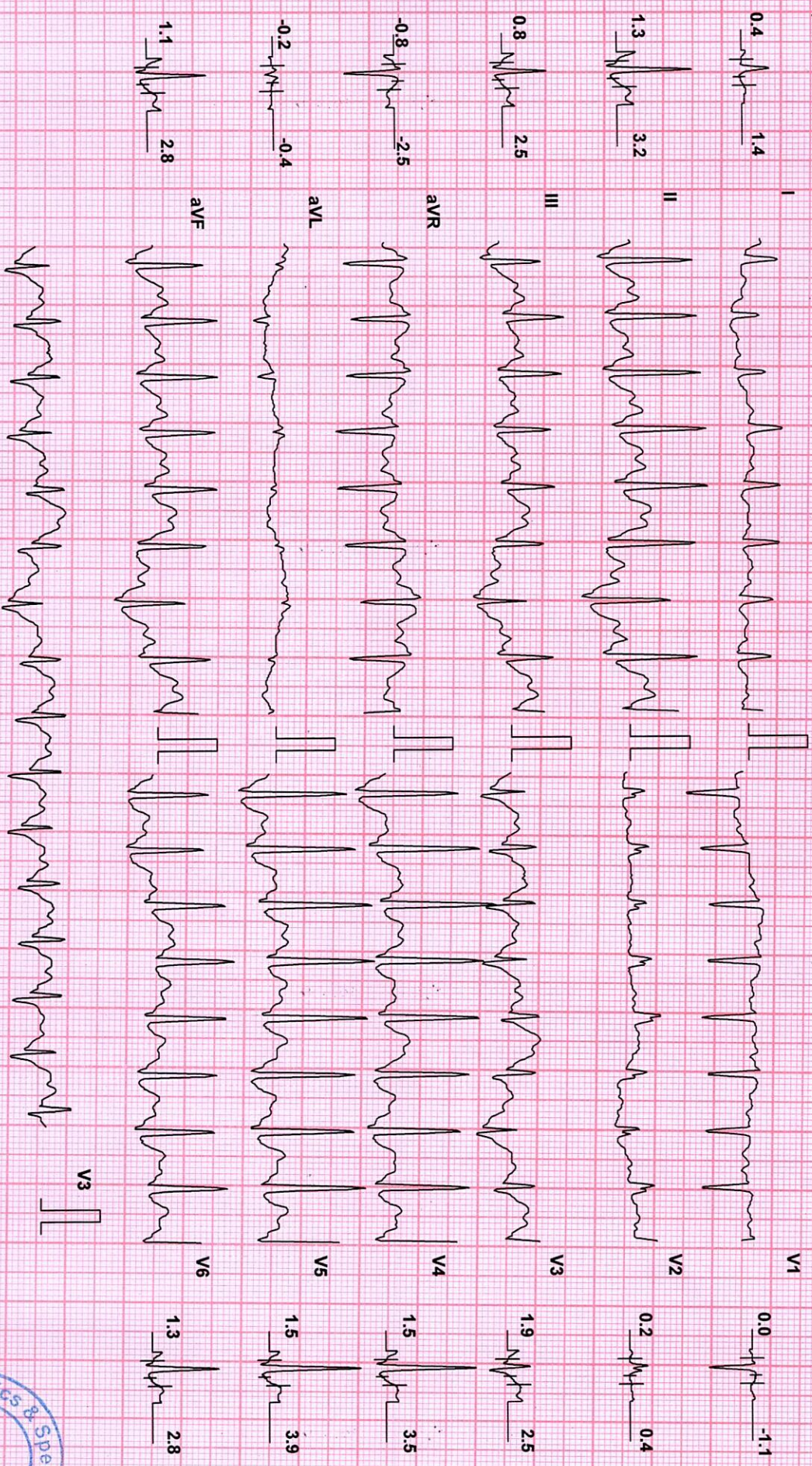


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

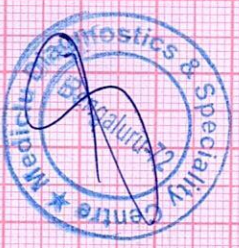
ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Schiller Spardan V 4.51

BPL-DYNATAC





# Medicl Diagnostics & Specialty Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 9 m 18 s Stage Time : 1 m 0 s

HR: 135 bpm

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

Grade: 0 %

(THR: 171 bpm)

B.P: 113 / 79

ST Level (mm)

ST Slope (mV/s)

ST Level (mm)

ST Slope (mV/s)

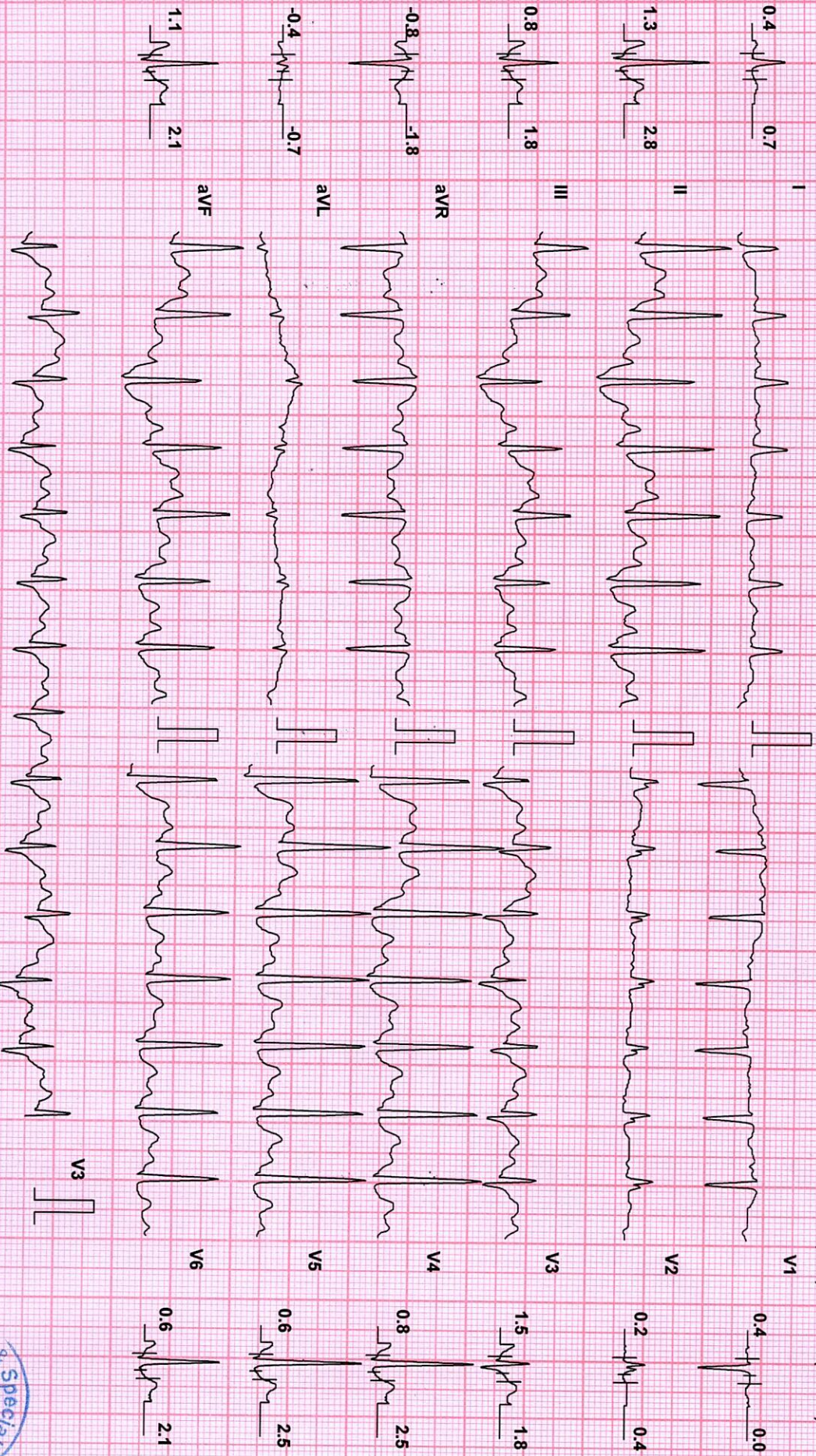
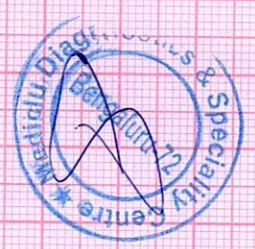


Chart Speed: 25 mm/sec      Filter: 35 Hz      Mains Fil: ON      Amp: 10 mm      Iso = R - 60 ms      J = R + 60 ms      Post J = J + 60 ms

BPL-DYNATRAC





# Medicu Diagnostics & Speciality Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 9 m 18 s Stage Time : 1 m 0 s

**HR: 124 bpm**

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 mph

Grade: 0 %

(THR: 171 bpm)

B.P: 113/79

ST Level (mm)

ST Slope (mV/s)

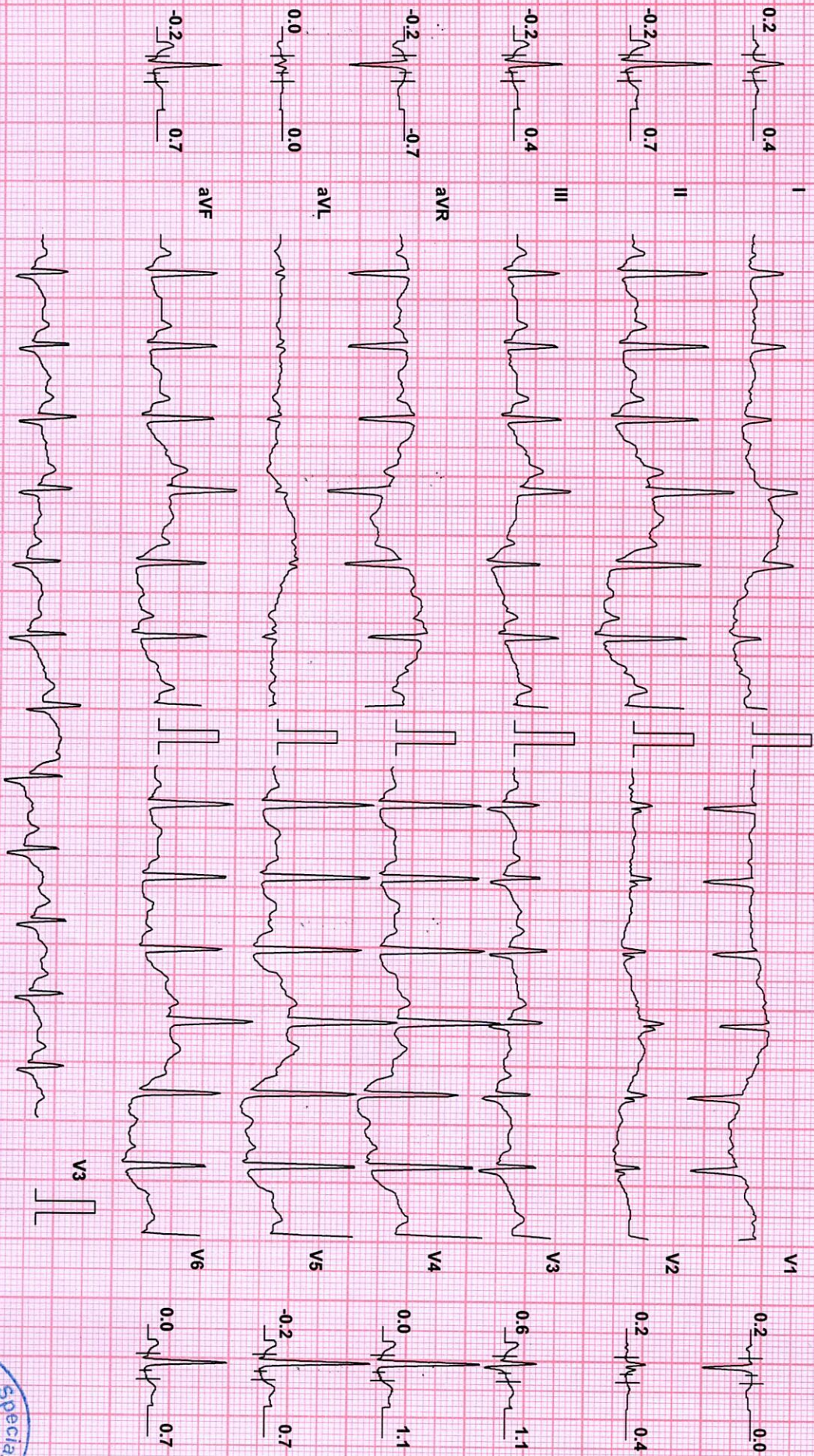


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

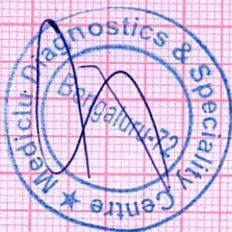
Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

BPL-DYNATAC





# Mediclun Diagnostics & Specialty Centre

**MRS SOWMYA P (29 F)**

ID: 56234295

Date: 25-Jun-22

Exec Time : 9 m 18 s

Stage Time : 1 m 0 s

HR: 110 bpm

Protocol: Bruce

Stage: Recovery(4)

Speed: 0 mph

Grade: 0 %

(THR: 171 bpm)

B.P: 113 / 79

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

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

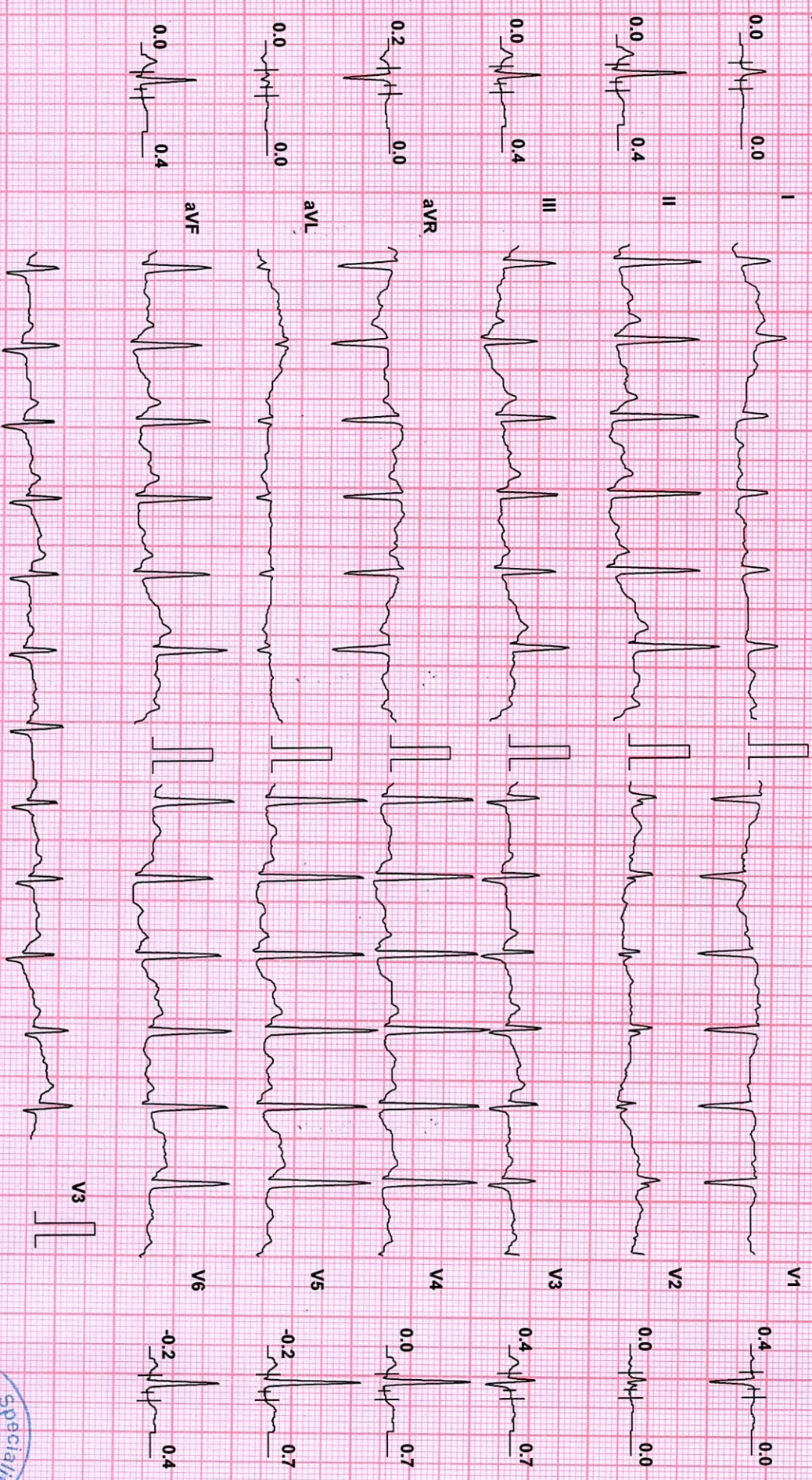


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Schiller Spandan V.4.51



BPL-DYNATRAC



Mediclus Diagnostics & Speciality Centre

MRŞ SOWMYA P (29 F)

ID: 56234295

Date: 25-Jun-22

Exec Time : 9 m 18 s

Stage Time : 1 m 0 s

HR: 112 bpm

Protocol: Bruce

Stage: Recovery(5)

Speed: 0 mph

Grade: 0 %

(THR: 171 bpm)

B.P: 113/79

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

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

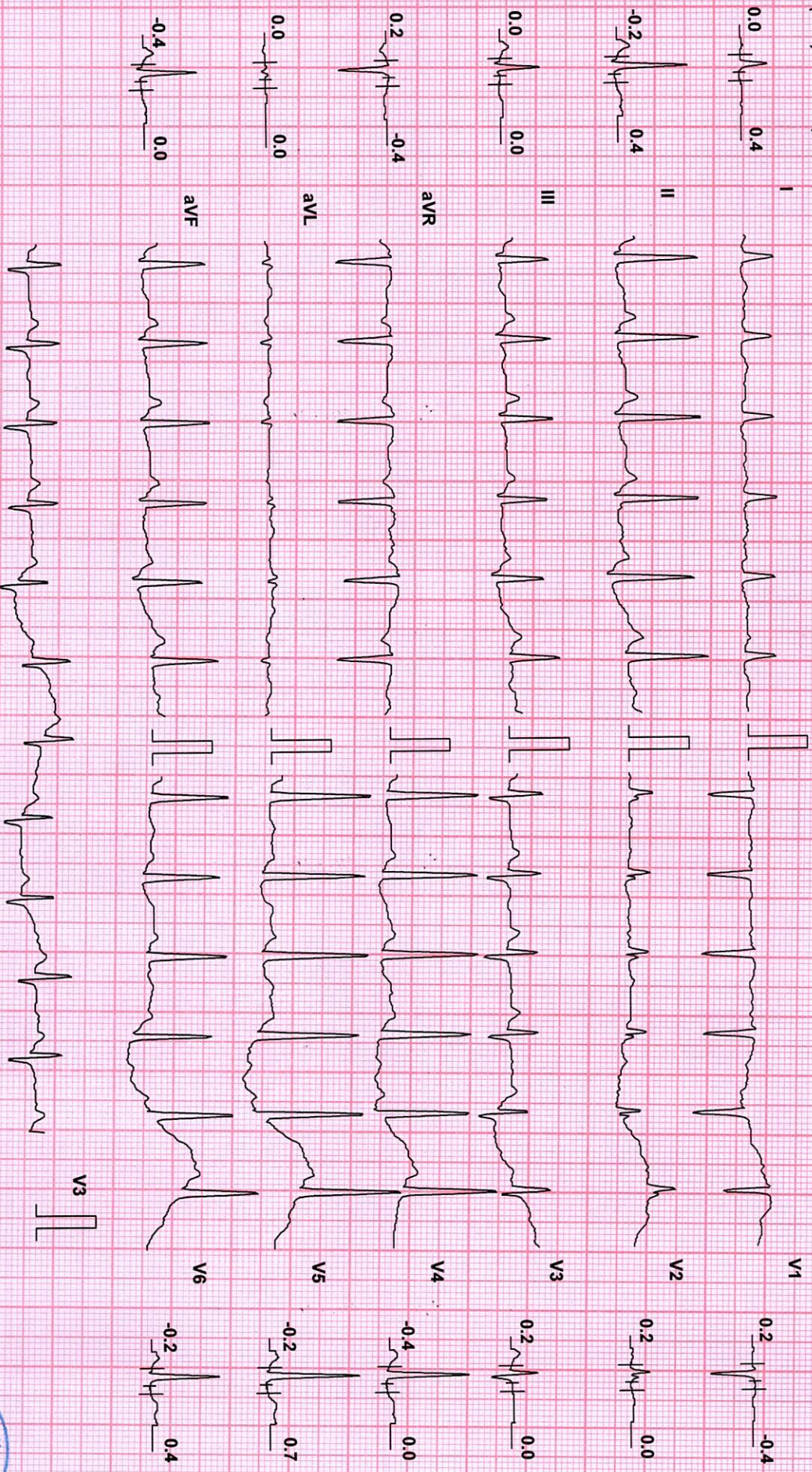


Chart Speed: 25 mm/sec  
Schiller Spandan V4.5f

Filter: 35 Hz

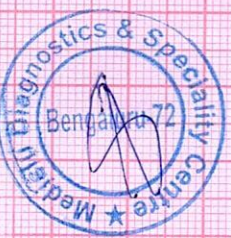
Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms





Mediclinu Diagnostics & Speciality Centre



Time: 09:32:54

Date: 25-Jun-22

Patient Details

Name: MRS SOWMYA P ID: 56234295

Age: 29 y

Sex: F

Height: 163 cms

Weight: 62 Kgs

Clinical History:

Medications:

Test Details

Protocol: Bruce

Total Exec. Time: 9 m 18 s

Max. BP: 113/79 mmHg

Test Termination Criteria:

Pr.MHR: 191 bpm

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

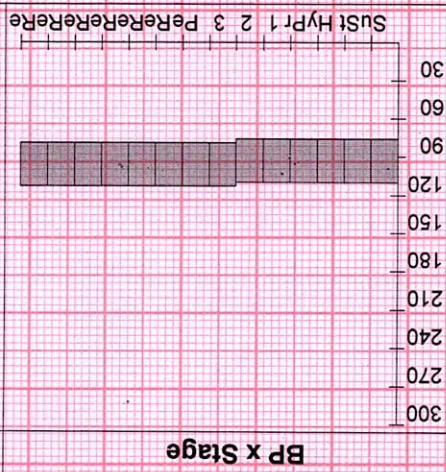
Max. Mets: 13.50

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

Min. BP x HR: 6004 mmHg/min

Protocol Details

Stage Name	Stage Time (min : sec)	Mets	Speed (mph)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mV/s)
Supine	0 : 23	1.0	0	0	86	110 / 76	-0.42 aVR	-0.35 I
Standing	0 : 14	1.0	0	0	80	110 / 76	-0.42 aVR	0.71 II
Hyperventilation	0 : 32	1.0	0	0	79	110 / 76	-0.42 aVR	0.71 II
1	3 : 0	4.6	1.7	10	155	110 / 76	-2.76 V5	3.89 V4
2	3 : 0	7.0	2.5	12	171	110 / 76	-1.70 V4	2.83 II
3	3 : 0	10.2	3.4	14	186	113 / 79	-2.34 V4	2.83 V5
Peak Ex	0 : 18	13.5	4.2	16	187	113 / 79	-1.49 V4	3.18 V5
Recovery(1)	1 : 0	1.8	1	0	161	113 / 79	-1.27 V4	3.89 V5
Recovery(2)	1 : 0	1.0	0	0	135	113 / 79	-1.27 aVR	3.89 V4
Recovery(3)	1 : 0	1.0	0	0	124	113 / 79	-0.85 aVR	2.83 II
Recovery(4)	1 : 0	1.0	0	0	110	113 / 79	-0.42 II	1.06 II
Recovery(5)	1 : 0	1.0	0	0	112	113 / 79	-0.85 V5	0.71 V3
Recovery(6)	0 : 14	1.0	0	0	109	113 / 79	-0.42 aVF	0.71 V5





## Mediclu Diagnostics & Speciality Centre

**Patient Details**

Date: 25-Jun-22

Time: 09:32:54

Name: MRS SOWMYA P ID: 56234295

Age: 29 y

Sex: F

Height: 163 cms

Weight: 62 Kgs

**Interpretation**

- Target heart rate achieved 98%.
- 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: MEDIWHEEL

Doctor: DR LOKESH KM

( Summary Report edited by user )



## Diagnostics & Speciality Centre

NAME:	Mrs. SOWMYA P	DATE:	25-06-2022
AGE:	29 YEARS	ID. NO:	188215
GENDER:	FEMALE	REFERRED BY:	MEDIWHEEL

### X-RAY REPORT- CHEST PA VIEW

#### OBSERVATIONS:

The lung fields are clear bilaterally.

CP angles are clear.

Both the hila appear normal.

Cardiac diameter is within normal limits.

Trachea is midline.

Visible bony thoracic cage is normal.

Adjacent soft tissues appear normal.

#### IMPRESSION:

- **No significant abnormality in the visualized lung fields.**



**Dr. Shruthi. P. DMRD, FFM, DNB  
Consultant Radiologist**





## Diagnostics & Speciality Centre

NAME:	Mrs. SOWMYA P	DATE:	25-06-2022
AGE:	29 YEARS	ID. NO:	188215
GENDER:	FEMALE	REFERRED BY:	MEDIWHEEL

### USG REPORT - ABDOMEN AND PELVIS

#### OBSERVATION:

#### LIVER:

Liver is normal in size (12 cm) and normal homogenous echotexture. No focal lesion is seen. Intrahepatic biliary radicles not dilated. Hepatic & portal veins are normal. CBD is normal.

#### GALL BLADDER:

Normal in distension. Lumen echo free. Wall thickness is normal.

#### PANCREAS:

Head and body visualized and appears normal. No focal lesion is seen. Pancreatic duct not dilated. Tail not visualized.

#### SPLEEN:

Normal in size (9.0 cm) with normal homogenous echotexture. No focal lesion seen.

#### RIGHT KIDNEY:

Right kidney measures 10.3 x 3.7 cm with normal echo pattern and cortical thickness. The shape, size and contour of the right kidney appear normal. Cortical medullary differentiation is maintained. No evidence of pelvicalyceal dilatation. No sonologically detectable calculi seen.

#### LEFT KIDNEY:

Left kidney measures 9.0 x 3.7 cm with normal echo pattern and cortical thickness. The shape, size and contour of the left kidney appear normal. Cortical medullary differentiation is maintained. No evidence of pelvicalyceal dilatation. No sonologically detectable calculi seen.





## Diagnostics & Speciality Centre

NAME:	Mrs. SOWMYA P	DATE:	25-06-2022
AGE:	29 YEARS	ID. NO:	188215
GENDER:	FEMALE	REFERRED BY:	MEDIWHEEL

### USG REPORT - ABDOMEN AND PELVIS

#### URINARY BLADDER:

Is normal in contour. No intraluminal echoes are seen. No calculus or diverticulum is seen.

#### UTERUS:

Anteverted, normal in size measures 7.8 x 4.0 x 4.4 cm with normal echotexture.

No focal lesion seen within the myometrium.

Endometrial thickness measures 11 mm.

#### OVARIES:

Both ovaries are normal in size with normal echo pattern.

Right ovary (Vol-9 cc).

Left ovary (Vol-9.8 cc).

No adnexal mass lesion seen.

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

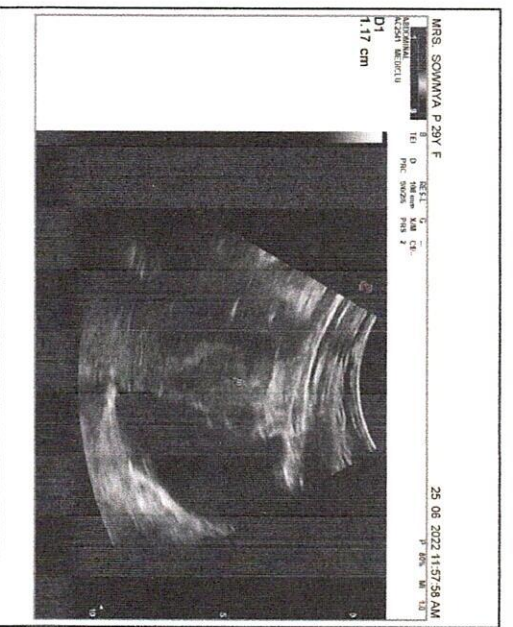
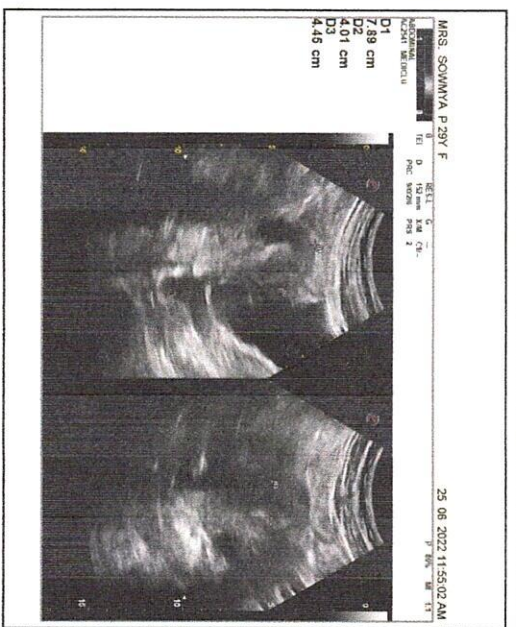
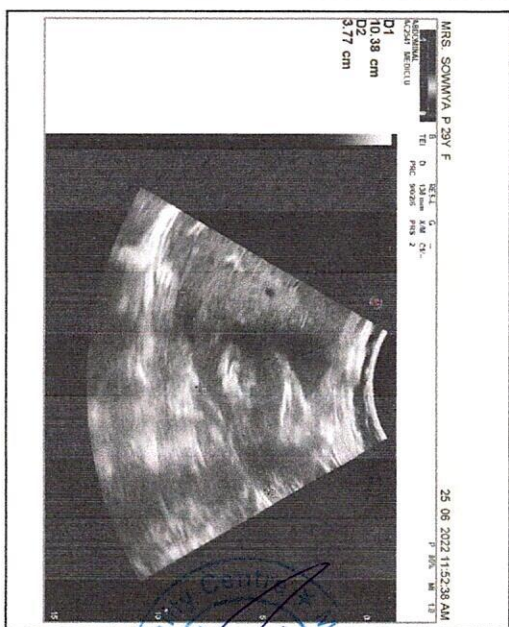
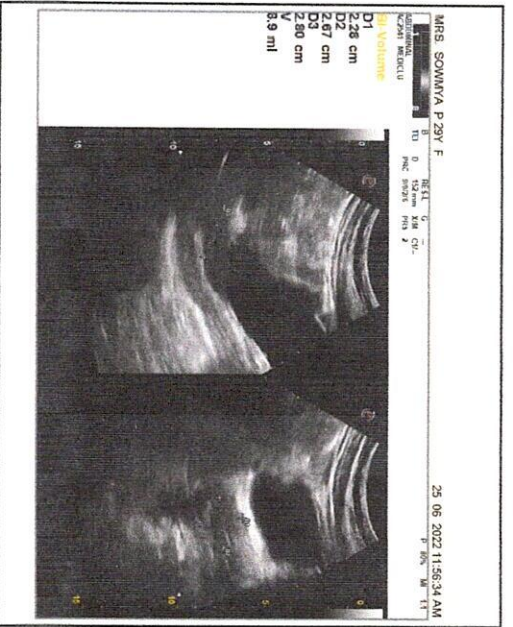
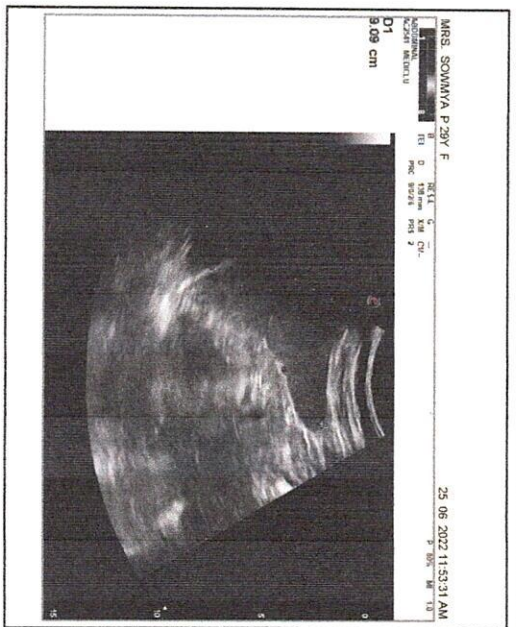
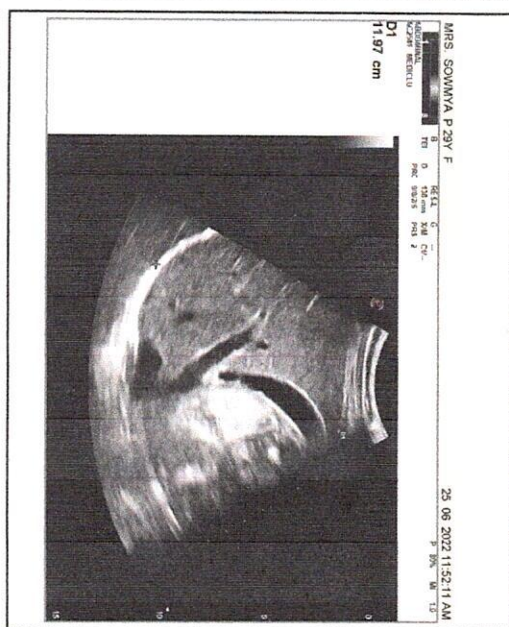
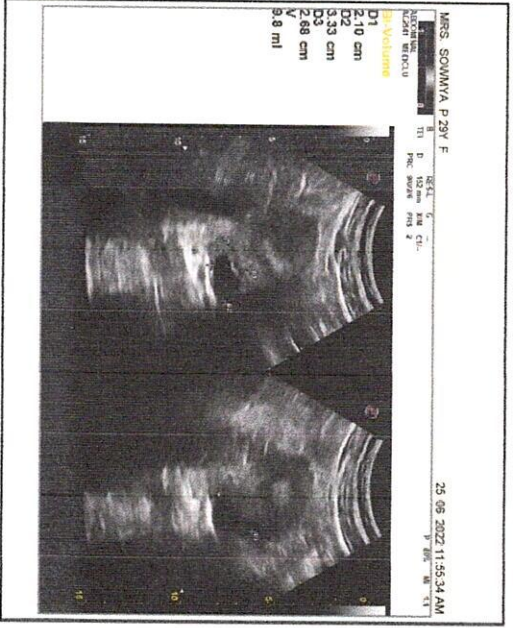
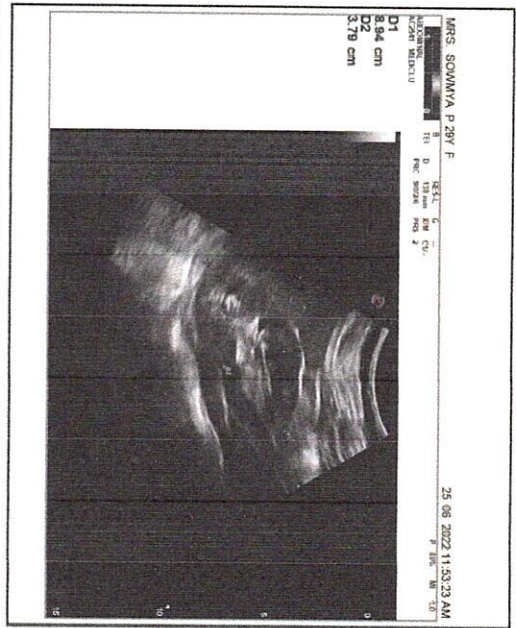
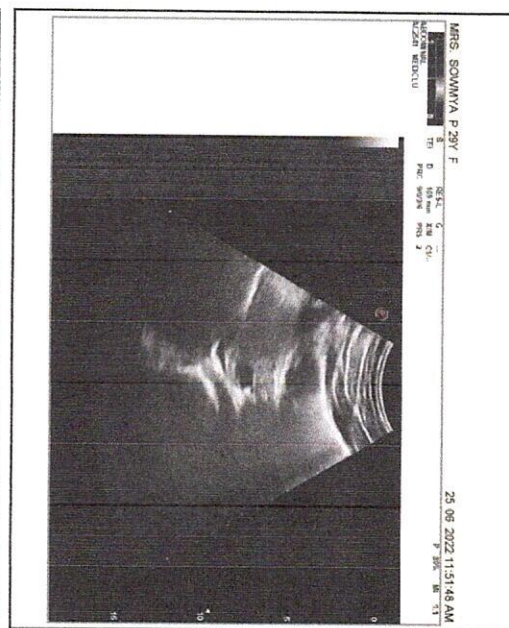
#### IMPRESSION:

- No significant sonographic abnormality detected.



**Dr. Shruthi. P. DMRD, FFM, DNB**  
**Consultant Radiologist**





Mediclu Diagnostics & Speciality Centre  
 Bengaluru





(A Unit of Vijayalakshmi Diagnostics Pvt. Ltd.)

## Diagnostics & Speciality Centre

NAME	: Mrs. SOWMYA P	MR NO.	: 22060980
AGE/SEX	: 29 Yrs / Female	VISIT NO.	: 157330
REFERRED BY :		DATE OF COLLECTION	: 25-06-2022 at 08:55 AM
		DATE OF REPORT	: 25-06-2022 at 02:35 PM
REF CENTER	: MEDIWHEEL		



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

HAEMOGLOBIN <i>Colorimetric Method</i>	14.0 gm/dL	12 - 16 gm/dL	
HEMATOCRIT (PCV) <i>Calculated</i>	41.8 %	36 - 47 %	
RED BLOOD CELL (RBC) COUNT <i>Electrical Impedance</i>	4.7 million/cu.mm	4 - 5.2 million/cu.mm	
PLATELET COUNT <i>Electrical Impedance</i>	2.6 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm	
MEAN CELL VOLUME (MCV) <i>Calculated</i>	89.4 fl	80 - 100 fl	
MEAN CORPUSCULAR HEMOGLOBIN (MCH) <i>Calculated</i>	29.8 pg	26 - 34 pg	
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) <i>Calculated</i>	33.4 %	31 - 35 %	
TOTAL WBC COUNT (TC) <i>Electrical Impedance</i>	7130 cells/cumm	4000 - 11000 cells/cumm	
NEUTROPHILS <i>VCS Technology/Microscopic</i>	70 %	40 - 75 %	
LYMPHOCYTES <i>VCS Technology/Microscopic</i>	26 %	25 - 40 %	
<b>DIFFERENTIAL COUNT</b>			
EOSINOPHILS <i>VCS Technology/Microscopic</i>	01 %	0 - 7 %	
MONOCYTES <i>VCS Technology/Microscopic</i>	03 %	1 - 8 %	
BASOPHILS <i>Electrical Impedance</i>	00 %		
ESR <i>Westergren Method</i>	15 mm/hr	0 - 20 mm/hr	
POST PRANDIAL BLOOD SUGAR <i>Hexokinase</i>	105.1 mg/dl	80 - 150 mg/dl	

Krishna M.



Lab Seal



A. Vamseedhar

Dr. KRISHNA MURTHY

MD  
BIOCHEMIST

The laboratory values And Normal values need to be interpreted based on patients clinical characteristics. The values in reference range is for an average normal individual which may vary depending upon age, sex and other characteristics.

Dr. VAMSEEDHAR.A

D.C.P, M.D  
CONSULTANT PATHOLOGIST

No. 79, Kendra Upadyayara Sangha Layout, Nagarbhavi Circle, Nagarbhavi, Bengaluru - 560 072

Enquiry: +91 99867 33 333, Appointments : +91 98863 55 135, Reports: +91 74063 11 116

For Home Sample Collections Contact: +91 99867 333 33

Email: info@mediclu.com

Website: www.mediclu.com



## Diagnostics & Speciality Centre

NAME : Mrs. SOWMYA P	MR NO. : 22060980
AGE/SEX : 29 Yrs / Female	VISIT NO. : 157330
REFERRED BY :	DATE OF COLLECTION : 25-06-2022 at 08:55 AM
REF CENTER : MEDIWHEEL	DATE OF REPORT : 25-06-2022 at 02:35 PM



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
BLOOD UREA <i>UREASE-GLUTAMATE DEHYDROGENASE (GLDH)</i>	18.8 mg/dL	15 - 50 mg/dL	
CREATININE <i>Jaffe Kinetic</i>	1.14 mg/dL	0.4 - 1.4 mg/dL	
URIC ACID <i>Uricase-Peroxidase</i>	3.9 mg/dL	2.5 - 6 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>	101 mmol/L	97 - 111 mmol/L	
<b>LIVER FUNCTION TEST (LFT)</b>			
TOTAL BILIRUBIN <i>Colorimetric Diazo Method</i>	0.60 mg/dL	0.2 - 1.2 mg/dL	
DIRECT BILIRUBIN <i>Colorimetric Diazo Method</i>	0.28 mg/dL	0 - 0.4 mg/dL	
INDIRECT BILIRUBIN <i>Calculation</i>	0.32 mg/dl	0.2 - 0.8 mg/dl	
S G O T (AST) <i>IFCC Without Pyridoxal Phosphates</i>	18.0 U/L	up to 31 U/L	
S G P T (ALT) <i>IFCC Without Pyridoxal Phosphates</i>	23.7 U/L	up to 46 U/L	
ALKALINE PHOSPHATASE <i>p-Nitrophenyl Phosphate</i>	68 U/L	36 - 113 U/L	
SERUM GAMMA GLUTAMYLTRANSFERASE (GGT) <i>GCNA-IFCC</i>	11.7 U/L	5 - 55 U/L	
TOTAL PROTEIN <i>Biuret Colorimetric</i>	7.11 g/dl	6.2 - 8 g/dl	
S.ALBUMIN <i>Bromocresol Green (BCG)</i>	4.19 g/dl	3.5 - 5.2 g/dl	
S.GLOBULIN <i>Calculation</i>	2.9 g/dl	2.5 - 3.8 g/dl	
A/G RATIO <i>Calculation</i>	1.4	1 - 1.5	

*Krishna M.*



Lab Seal



*A. Vamseedhar*

Dr. KRISHNA MURTHY

MD  
BIOCHEMIST

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Dr. VAMSEEDHAR.A

D.C.P, M.D  
CONSULTANT PATHOLOGIST

No. 79, Kendra Upadyayara Sangha Layout, Nagarbhavi Circle, Nagarbhavi, Bengaluru - 560 072

Enquiry: +91 99867 33 333, Appointments : +91 98863 55 135, Reports: +91 74063 11 116


For Home Sample Collections Contact: +91 99867 333 33

Email: info@mediclu.com

Website: www.mediclu.com



## Diagnostics & Speciality Centre

NAME : Mrs. SOWMYA P	MR NO. : 22060980
AGE/SEX : 29 Yrs / Female	VISIT NO. : 157330
REFERRED BY :	DATE OF COLLECTION : 25-06-2022 at 08:55 AM
	DATE OF REPORT : 25-06-2022 at 02:35 PM
REF CENTER : MEDIWHEEL	

TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
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### LIPID PROFILE TEST

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

198 mg/dL

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

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

79.6 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*

75.4 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*

106.7 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*

15.9 mg/dL

2 - 30 mg/dL

TOTAL CHOLESTROL/HDL RATIO  
*Calculation*

2.6

up to 3  
3.0-4.4 - Moderate  
>4.4 - High

LDL/HDL RATIO  
*Calculation*

1.4

up to 2.5  
2.5-3.3 - Moderate  
>3.3 - High

*Krishna.u.*



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CREATININE <i>Jaffe Method</i>	1.14 mg/dL	0.6 - 1.2 mg/dL	
FASTING BLOOD SUGAR <i>Hexokinase</i>	90.0 mg/dl	70 - 110 mg/dl	
<b>THYROID PROFILE</b>			
TOTAL TRIIODOTHYRONINE (T3) <i>CMIA</i>	1.30 ng/mL	0.87 - 1.78 ng/mL	
TOTAL THYROXINE (T4) <i>CMIA</i>	11.30 µg/dL	6.09 - 12.23 µg/dL	
THYROID STIMULATING HORMONE (TSH) <i>CMIA</i>	0.961 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**

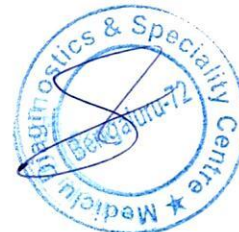
*Tube Agglutination (Forward and Reverse)*

"O" Positive

*Krishna M. Murthy*



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GLYCATED HAEMOGLOBIN (HbA1C) <small>HPLC</small>	5.2 %	American Diabetic Association (ADA) recommendations:  Non diabetic adults : <5.7 %  At risk (Pre diabetic): 5.7 – 6.4%  Diabetic : >= 6.5%  Therapeutic goal for glycemic control :  Goal for therapy: < 7.0%  Action suggested: > 8.0%	

ESTIMATED AVERAGE GLUCOSE (eAG) 102.54 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.

*Krishna M.*

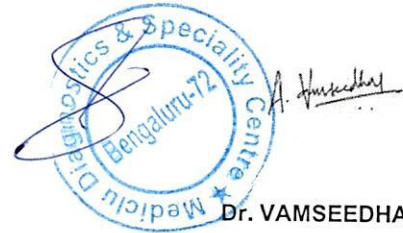
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### URINE ROUTINE & MICROSCOPIC

#### PHYSICAL EXAMINATION

Colour <i>Visual Method</i>	Pale Yellow	Pale yellow- yellow
Appearance <i>Visual Method</i>	Clear	Clear/Transparent
Specific Gravity <i>Strips Method</i>	1.010	1.005-1.035
pH	6.0	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
RBC <i>Light Microscopic</i>	Not Seen /hpf	0-2/hpf
Cast <i>Light Microscopic</i>	NIL	NIL
Crystal <i>Light Microscopic</i>	NIL	Nil

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
FASTING URINE SUGAR (FUS)	NIL	NIL	FASTING URINE
POSTPRANDIAL URINE SUGAR	NIL	NIL	URINE

Dispatched by: Sumalatha

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

Printed by: Soundarya on 25-06-2022 at 05:52 PM



*Krishna M.*

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MD  
BIOCHEMIST



Lab Seal



*Vamseedhar A.*

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