

Dr. Vandana G. Powar **M.B.B.S., D.C.P.**
Consultant Pathologist



PARTH
PATHOLOGY LABORATORY
(Computerised)

LAB - Shop No. 7, "Diwan Towers" Mangalwar Peth, Near Mirajkar Tikti, Opp. Nutan Marathi
High School, Kolhapur. Mob. 9158529408, 9422047480, 9921285167

DATE – 25/02/2023

PATIENT NAME- ARJUN POWAR

AGE – 32 Y/MALE

HEIGHT – 168 cm

WEIGHT – 77 kg

BLOOD PRESSURE – 120 / 77 mmHg

PULSES – 72 / Min

FIT TO PERFORM TO ALL DUTIES

Dr. Vandana G. Powar
M.B.B.S., D.C.P.
Reg No. 68737

PATHOLOGIST

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जायकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

BYSPP0547A



नाम / Name
ARJUN CHANDRASHEKHAR POWAR

पिता का नाम / Father's Name
CHANDRASHEKHAR DINKAR POWAR

जन्म तिथि / Date of Birth
06/12/1990

हस्ताक्षर / Signature

39240

[Handwritten Signature]
25-12-2023



Dr. Vandana G. Powar
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Reg. No. 68137

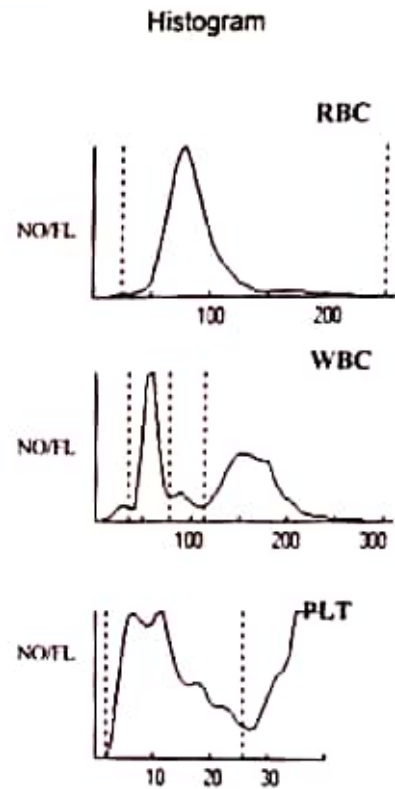


NAME : MR. ARJUN POWAR
REF BY : Dr. MEDIWHEEL LIFE INS

DATE : 25/02/2023 PT.NO. : 202 25022
AGE : 32 Yrs. SEX : M

HAEMOGRAM WITH INDICES

Test	Result	Units	Normal Range
Haemoglobin	- 13.3	g/dl	14-18
RBC Count	- 4.84	millions / cu-mm	4.5 - 6.5
PCV	- 42.9	%	40 - 54
MCV	- 88.6	fL	80 - 96
MCH	- 27.5	Pg	27 - 33
MCHC	- 31	gm/dl	33 - 36
RDW CV	- 16.1	%	11.0 - 14.5
WBC Count	- 5500	/cumm	4000 - 11000
Neutrophils	- 59	%	40 - 75
Lymphocytes	- 36	%	20 - 40
Eosinophils	- 03	%	1 - 6
Monocytes	- 02	%	2-10
Basophils	- 00	%	0 - 1
Platelet Count	- 150000	/ul	150000 -450000
MPV	- 11.7	fL	7.4 - 10.4
PDW	- 24.0	%	8-12
P-LCR	- 41.2	%	15-35
E.S.R.	- 08	mm at 1hr	0-10
(By Wintrobe Method)			
RBC Morphology	- Normochromic, Normocytic.		
WBC Morphology	- Within Normal Limits		
Platelets	- Adequate		
* Blood group	- 'B' Rh Negative		



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PT.NAME : MR. ARJUN POWAR

DATE : 25/02/2023

REF. BY : DR. MEDIWHEEL LIFE INS

AGE : 32 Yrs. SEX : M

PT.NO. : 202 250223

BIOCHEMISTRY TEST REPORT

			<u>Normal Range</u>
Fasting Plasma Glucose	: 99.1	mg/dl	60-110 mg/dl
2 Hrs. Plasma Glucose	: 120.3	mg/dl	90-140 mg/dl

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REF. BY : DR. MEDIWHEEL LIFE INS

DATE : 25/02/2023
AGE : 32 Yrs. SEX : M
PT.NO. : 202 250223

BIOCHEMISTRY TEST REPORT

			<u>Normal Range</u>
S. Creatinine	: 0.82	mg/dl	0.7 - 1.4 mg/dl
Blood Urea	: 22.3	mg/dl	12-42 mg/dl
Blood Urea Nitrogen	: 10.42	mg/dl	5 - 21 mg/dl
S. Uric acid	: 3.6	mg/dl	3.5 -7.2 mg/dl
CHOLESTEROL	: 146.3	mg/dl	0-250 mg/dl
HDL Cholesterol	: 31.26	mg/dl	30 - 70 mg/dl
S. Triglycerides	: 98.2	mg/dl	0-170 mg/dl
LDL Cholesterol	: 95.4	mg/dl	60 - 150 mg/dl
TC/HDLC Ratio	: 4.7		0 - 5
LDLC/HDLC Ratio	: 3.1		2.5 - 3.5

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DATE : 25/02/2023
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BIOCHEMISTRY TEST REPORT

			<u>Normal Range</u>
S. Bilirubin (Total)	: 0.26	mg/dl	0 - 1.0 mg/dl
S. Bilirubin (Direct)	: 0.19	mg/dl	0 - 0.25 mg/dl
S. Bilirubin (Indirect)	: 0.07	mg/dl	0 - 0.75 mg/dl
S.G.O.T	: 27.6	IU/L	5-40 IU/L
S.G.P.T	: 20.5	IU/L	5-40 IU/L
S. Alkaline Phosphatase	: 115.2	IU/L	37 - 147 IU/L
Total Proteins	: 7.7	g/dl	6.6 - 8.3 g/dl
S. Albumin	: 4.9	g/dl	3.5 - 5.0 g/dl
S. Globulin	: 2.8	g/dl	1.5 - 3 g/dl
A/G Ratio	: 1.8 : 1		0.90 - 2.00

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REF. BY : DR. MEDIWHEEL LIFE INS

AGE : 32 Yrs. SEX : M

PT.NO. : 202 250223

REPORT ON % GLYCOHAEMOGLOBIN OF BLOOD

% Glycohaemoglobin of blood : 4.6 %

Estimated mean blood glucose : 85.0 mg/dl

(Reference For Guideline)

- < 6.0 - Normal
- 6.0 - 7.0 % - Good Control
- 7.0 - 8.0 % - Fair Control
- 8.0-10.0% - Unsatisfactory control
- >10.0% - Poor control

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[Signature]
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EXAMINATION OF URINE

Normal Range

PHYSICAL EXAMINATION

Quantity : 05 ml
Colour : Pale Yellow
Appearance : Clear
Deposit : Absent
Reaction (pH) : Acidic
Specific Gravity : 1.024 1.003 - 1.035

CHEMICAL EXAMINATION

Proteins : Absent
Glucose : Absent
Ketone Bodies : Absent
Bile Salts : Absent Absent
Bile Pigments : Absent Absent
Urobilinogen : --
Occult Blood : Absent

MICROSCOPIC EXAMINATION

Epithelial Cells : 1 - 2 /hpf
Pus Cells : 2 - 3 /hpf
Red Blood Cells : Absent /hpf
Casts : Absent
Crystals : Absent
Amorphous Deposits : Absent

OTHER FINDINGS

Yeast Cells : Absent
Trichomonas vaginalis : Absent
Bacteria : Absent
Mucus Threads : Absent
Spermatozoa : Absent

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AGE - 32/SEX-MALE

REFERANCE = MEDIWHEEL LIFE INS

DATE - 25/02/2023

BIOCHEMISTRY

NORMAL VALUE

SERUM VLDL : 27.5 mmol/L

10-50g/dl

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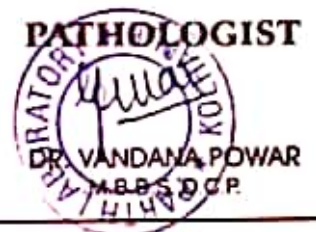
BIOCHEMISTRY

NORMAL VALUE

S. GAMMA.G.T : 30.2 mmol/L.

10-50 mmol / L

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25/02/2023

THE ECG OF CLIENT – ARJUN POWAR
IS WITHIN NORMAL LIMIT

NO ABNORMAL FINDINGS ARE DETECTED

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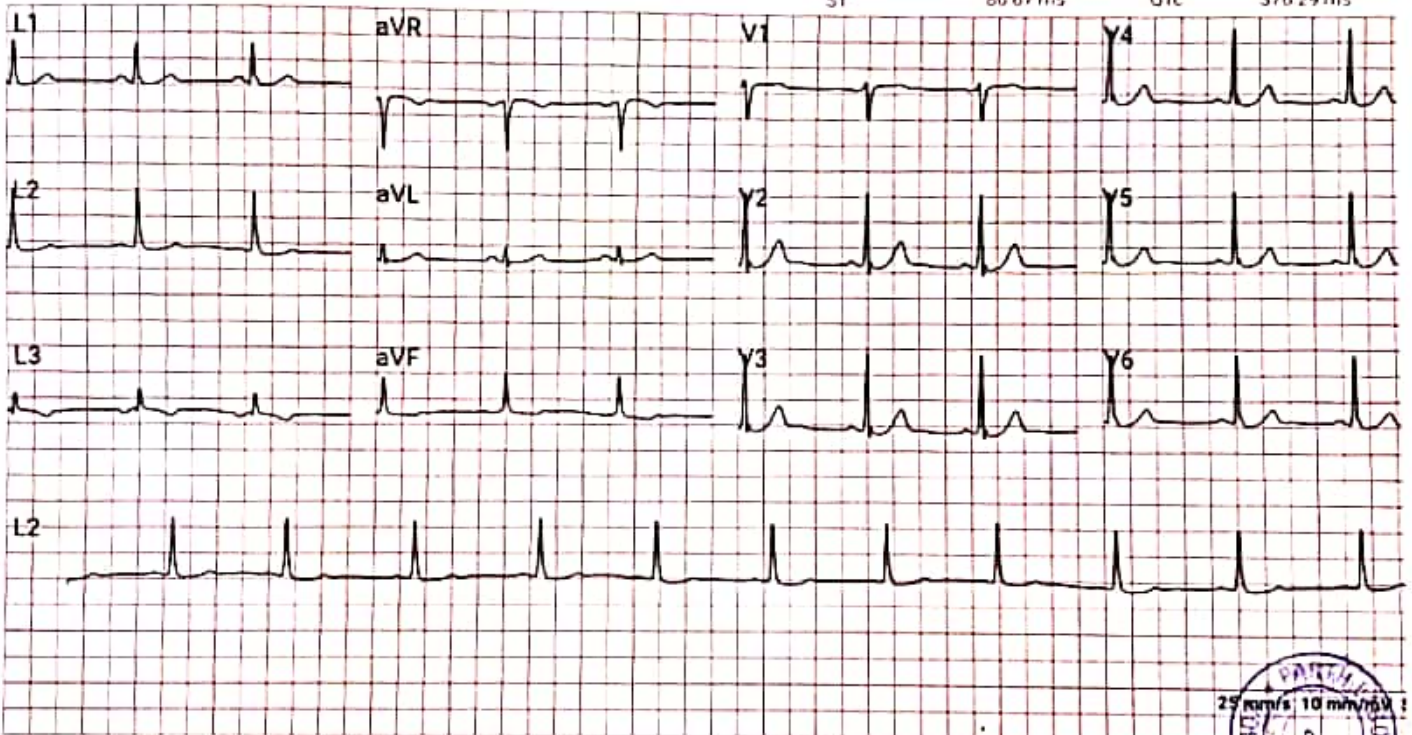
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12 lead simultaneous EC

Name Arjun Powere
Gender | Age 32 | Male
Date & Time 25 FEB, 2023 / 9:30 :

Heart Rate	68 bpm	QT	360.29 ms
QRS	151.71 ms	PR	142.0 ms
ST	80.67 ms	QTc	376.29 ms




Comments: Normal.

Reported By

DR. VANDANA K. POWAR
Reg. No. 10112

Referral By: DR. SURESH K. DAIKAR, MBBS, DNB (GEN. MED.), KEMHOSPITAL, PUNE



 GPS Map Camera



Kolhapur, Maharashtra, India

Rajghat Rd, Mangalwar Peth, C Ward,

Kolhapur, Maharashtra 416002, India

Lat 16.692839°

Long 74.224287°

25/02/23 10:06 AM GMT +05:30

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

Name: ARJUN CHANDRASHEKHAR POWAR **Date:** 25-02-2023 **Time:** 10:45
Age: 32 **Gender:** M **Height:** 168 cms **Weight:** 75 Kg **ID:** 211
Clinical History: NO MAJOR ILLNESS
Medications: NOT ON ANY MEDICATIONS

Test Details:

Protocol: Bruce **Predicted Max HR:** 188 **Target HR:** 159
Exercise Time: 0:09:57 **Achieved Max HR:** 171 (91% of Predicted MHR)
Max BP: 140/90 **Max BP x HR:** 23940 **Max Mets:** 11.2
Test Termination Criteria:

Protocol Details:

Stage Name	Stage Time	METS	Speed kmph	Grade %	Heart Rate bpm	BP mmHg	RPP	Max ST Level mm	Max ST Slope mV/s
Supine	00:10	1	0	0	30	120/80	3600	0.1	0.1
Standing	00:10	1	0	0	83	120/80	9960	0.8 V2	0.4 V2
HyperVentilation	00:14	1	0	0	82	120/80	9840	0.8 V4	-0.4 aVR
PreTest	00:37	1	1.6	0	99	120/80	11880	1.2 V3	-0.7 V3
Stage 1	03:00	4.7	2.7	10	124	130/80	16120	0.8 I	0.8 II
Stage 2	03:00	7	4	12	139	130/80	18070	-0.7 V6	0.8 V2
Stage 3	03:00	10.1	5.5	14	151	140/90	21140	0.5 V2	-0.9 aVR
Peak Exercise	00:57	11.2	6.8	16	171	140/90	23940	-0.8 II	1.4 II
Recovery1	01:00	1	0	0	136	140/90	19040	0.8 V2	1.2 II
Recovery2	01:00	1	0	0	107	130/80	13910	-0.7 III	0.8 II
Recovery3	01:00	1	0	0	105	120/70	12600	0.5 V1	-0.4 aVR
Recovery4	01:00	1	0	0	103	120/70	12360	0.3 V2	-0.4 aVR

Interpretation

The Patient Exercised according to Bruce Protocol for 0:09:57 achieving a work level of 11.2 METS.
 Resting Heart Rate, initially 30 bpm rose to a max. heart rate of 171bpm (91% of Predicted Maximum Heart Rate).
 Resting Blood Pressure of 120/80 mmHg, rose to a maximum Blood Pressure of 140/90 mmHg
 GOOD EFFORT TOLERANCE
 NORMAL INOTROPIC RESPONSE
 NORMAL CHRONOTROPIC RESPONSE
 THR ACHIEVED ; ADEQUATE METS ACHIEVED
 NO SIGNIFICANT ST SEGMENT CHANGES NOTED IN EXERCISE AND RECOVERY
 TMT IS NEGATIVE FOR STRESS INDUCIBLE ISCHAEMIA AT GIVEN WORKLOAD

DR. SHANTANU S. PALKAR
 MBBS, PGDCC
 CLINICAL CARDIOLOGIST
 MMC No. 2011040954
 Doctor: DR SHANTANU PALKAR

Ref. Doctor: ----

(Summary Report edited by User)
 Spandan CS-10 Version 2.12.0

SCHILLER
 The Art of Diagnostics

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CHANDRASHIEKHAR POWAR

ID: 211

Date: 25-02-2023

Exec Time : 0:00:00

Stage Time: 00:10

HR: 0 bpm

BP: 120/80 mmHg

Brace Protocol
STLead(IIa) STSlope(Va)

Stage: Supine

Speed: 0 km/h

Slope: 0%

THR: 159 bpm

STLead(IIa) STSlope(Va)

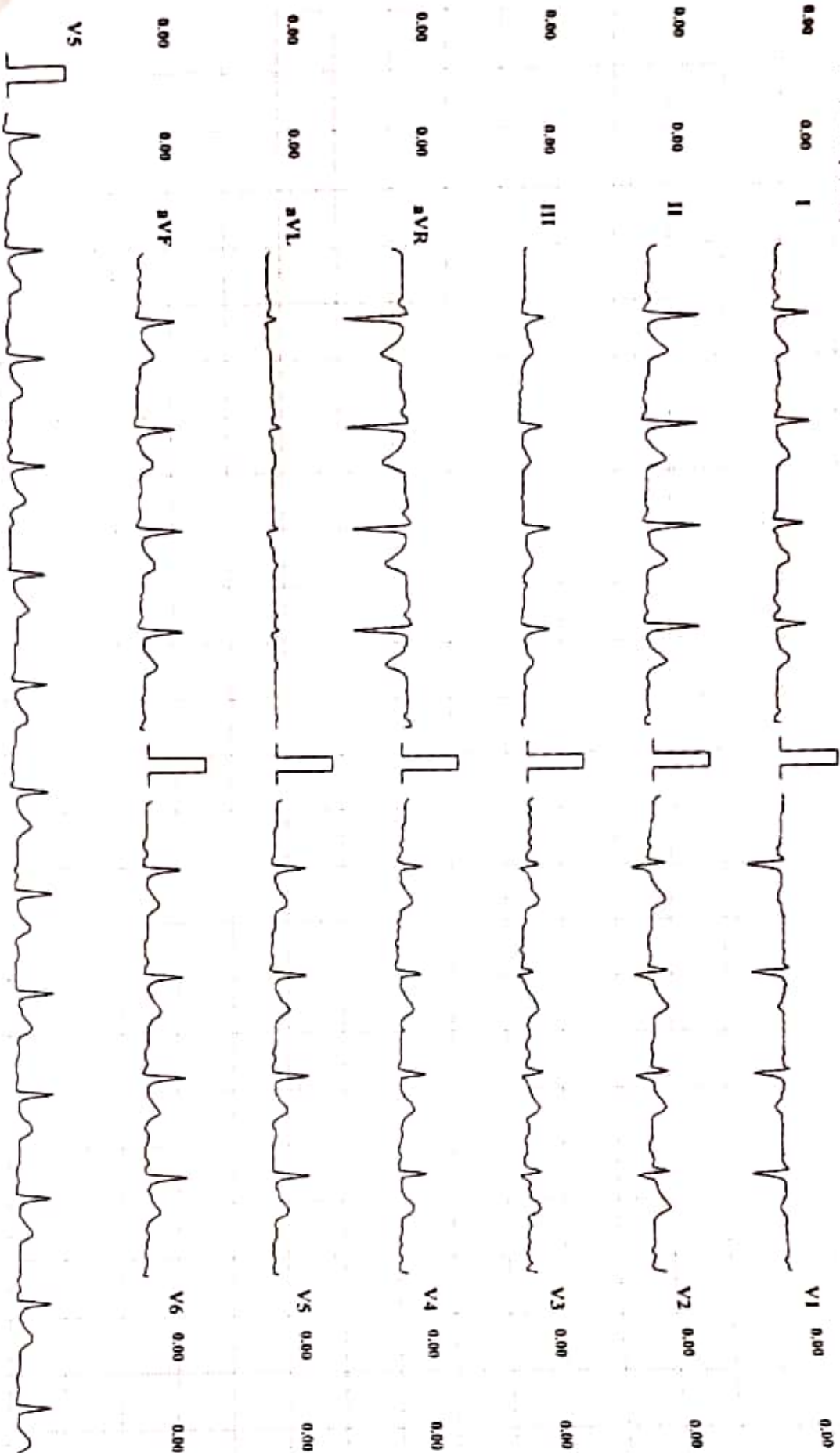


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms

Schiller Spandax CS-10 Version 2.12

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR | +91 9307257414 |

ARJUN CHANDRASHEKHAR POWAR

ID: 211

Date: 25-02-2023

Exec Time: 0:00:00

Stage Time: 00:10

HR: 83 bpm

BP: 120/80 mmHg

Bruce Protocol
ST1 (red) ST2 (green) ST3 (cyan) V1 (red)

Stage: Standing

Speed: 0

Slope: 0 %

THR: 159 bpm

ST1 (red) ST2 (green) ST3 (cyan) V1 (red)

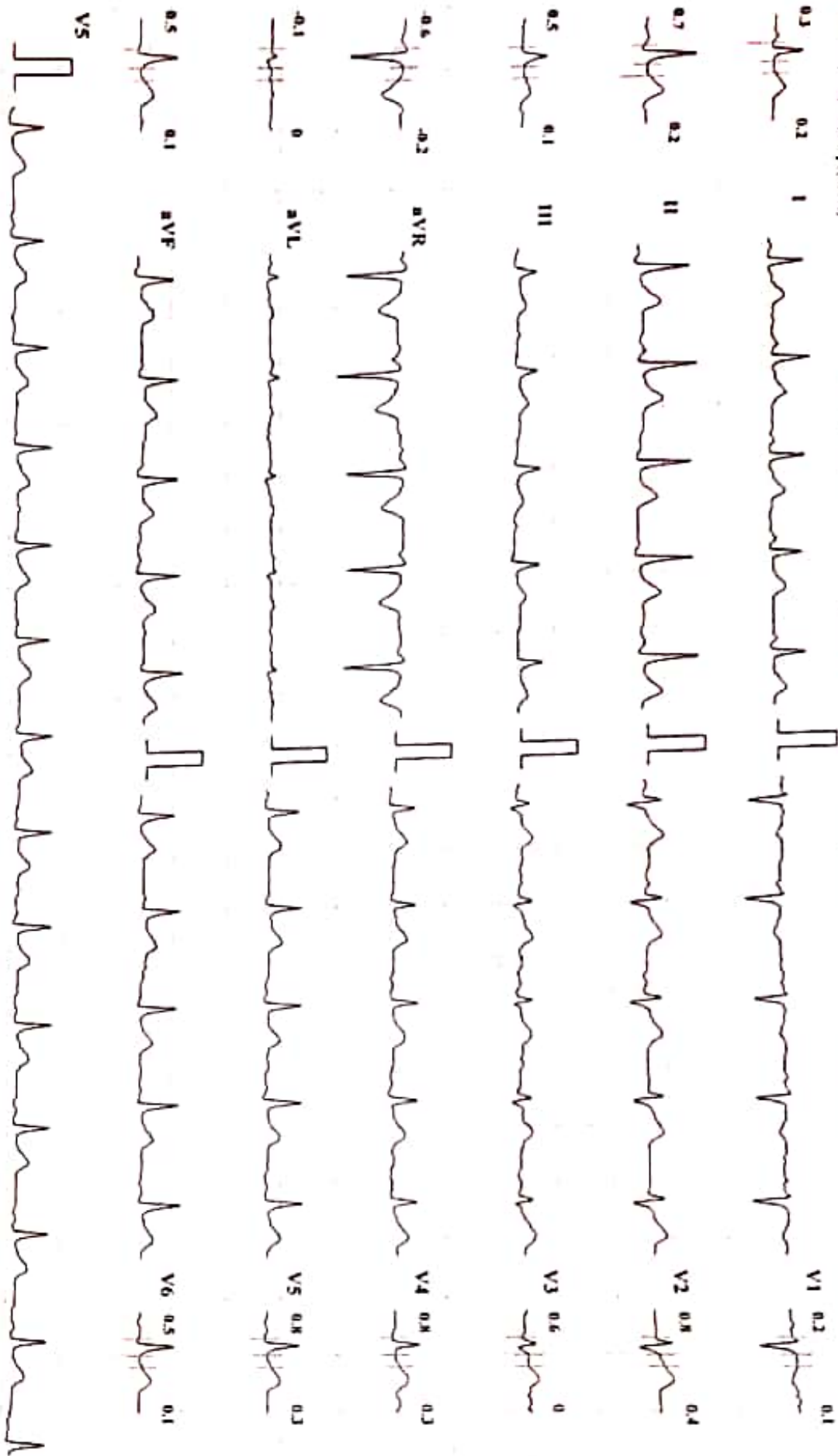


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO - R - 60 ms, J - R + 60 ms, Pns1 - J + 80 ms

Scholler Spandau CS-10 Version 2.12

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ARJUN CHANDRASHEKHAR POWAR

HR: 82 bpm

Brace Protocol
STLevel(mm) STSlope(mV/s)

ID: 211
Stage: HyperVentilation

Date: 25-02-2023
Speed: 0

Exec Time : 0:00:00
Slope: 0 %

Stage Time: 00:14
THR: 159 bpm

HP: 120/80 mmHg
STLevel(mm) STSlope(mV/s)

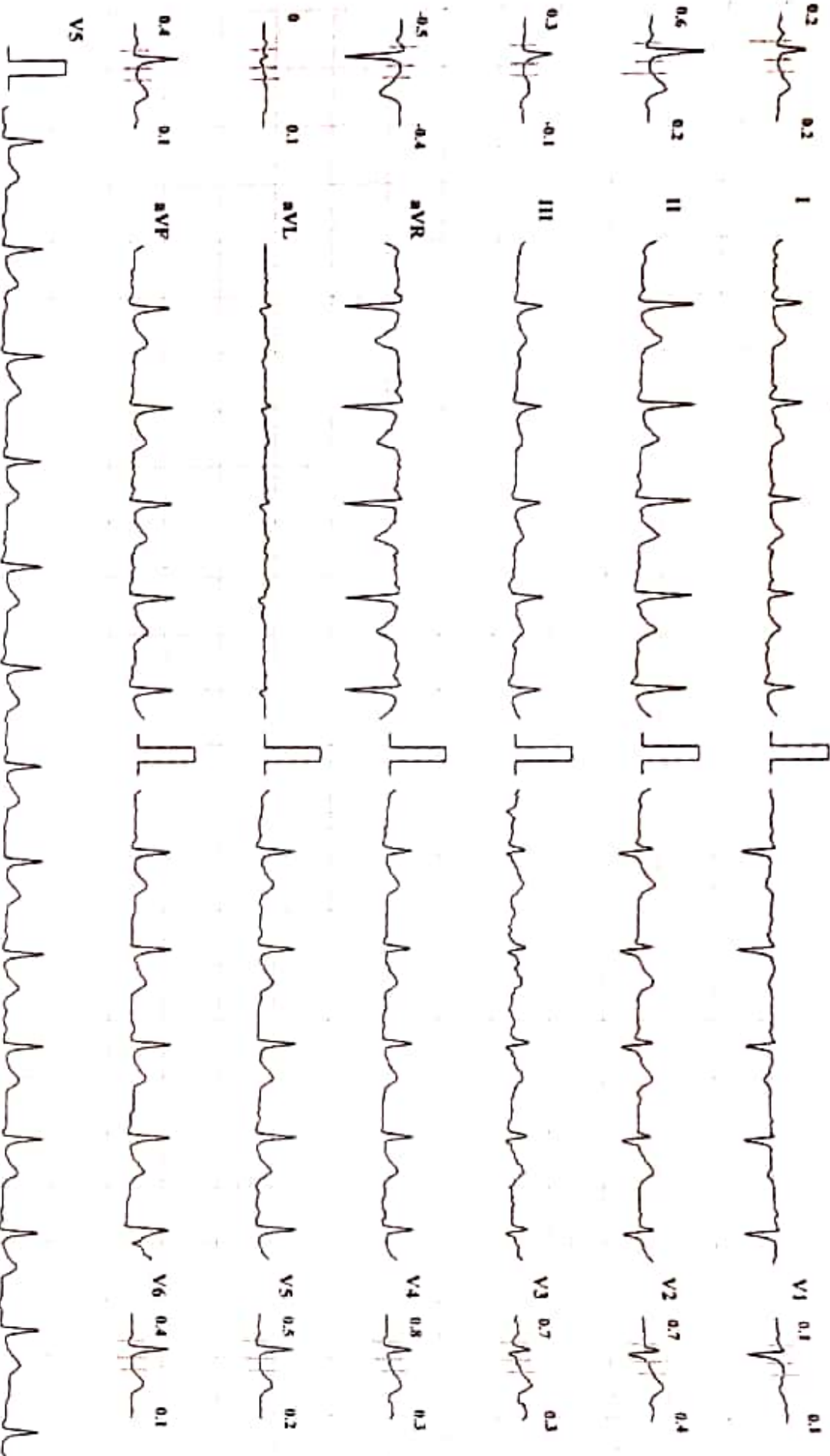


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO - R - 60 ms, J - R + 60 ms, Post J - J + 80 ms

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MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CHANDRASHEKHAR POWAR

Bruce Protocol
ST(Slope(m)) ST(Slope(mV/s))

ID: 211
Stage: PreTest

Date: 25-02-2023
Speed: 1.6

Exec Time: 0:00:00
Slope: 0 %

Stage Time: 00:33
THR: 159 bpm

HR: 99 bpm

BP: 120/80 mmHg
ST(Slope(m)) ST(Slope(mV/s))

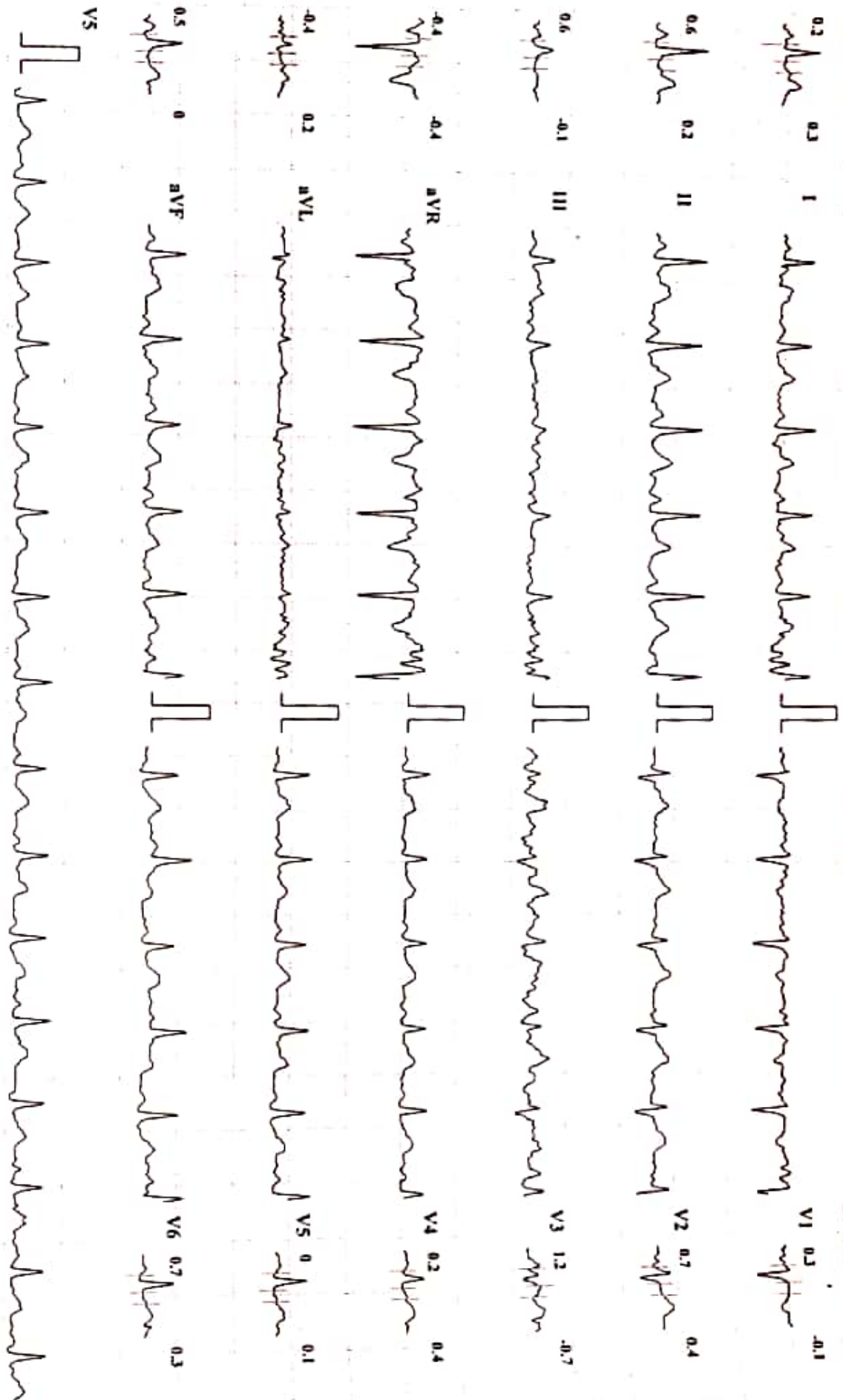


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms Schiller Spandan CS-10 Version 2.12

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CIANDRASHEKHAR POWAR

Bruce Protocol
STLead(mv) STSlope(mV/s)

ID: 211
Stage: 1

Date: 25-02-2023
Speed: 2.7 kmph

Exec Time: 0:03:00
Slope: 10 %

Stage Time: 03:00
THR: 159 bpm

HR: 124 bpm

BP: 130/80 mmHg
STLead(mv) STSlope(mV/s)

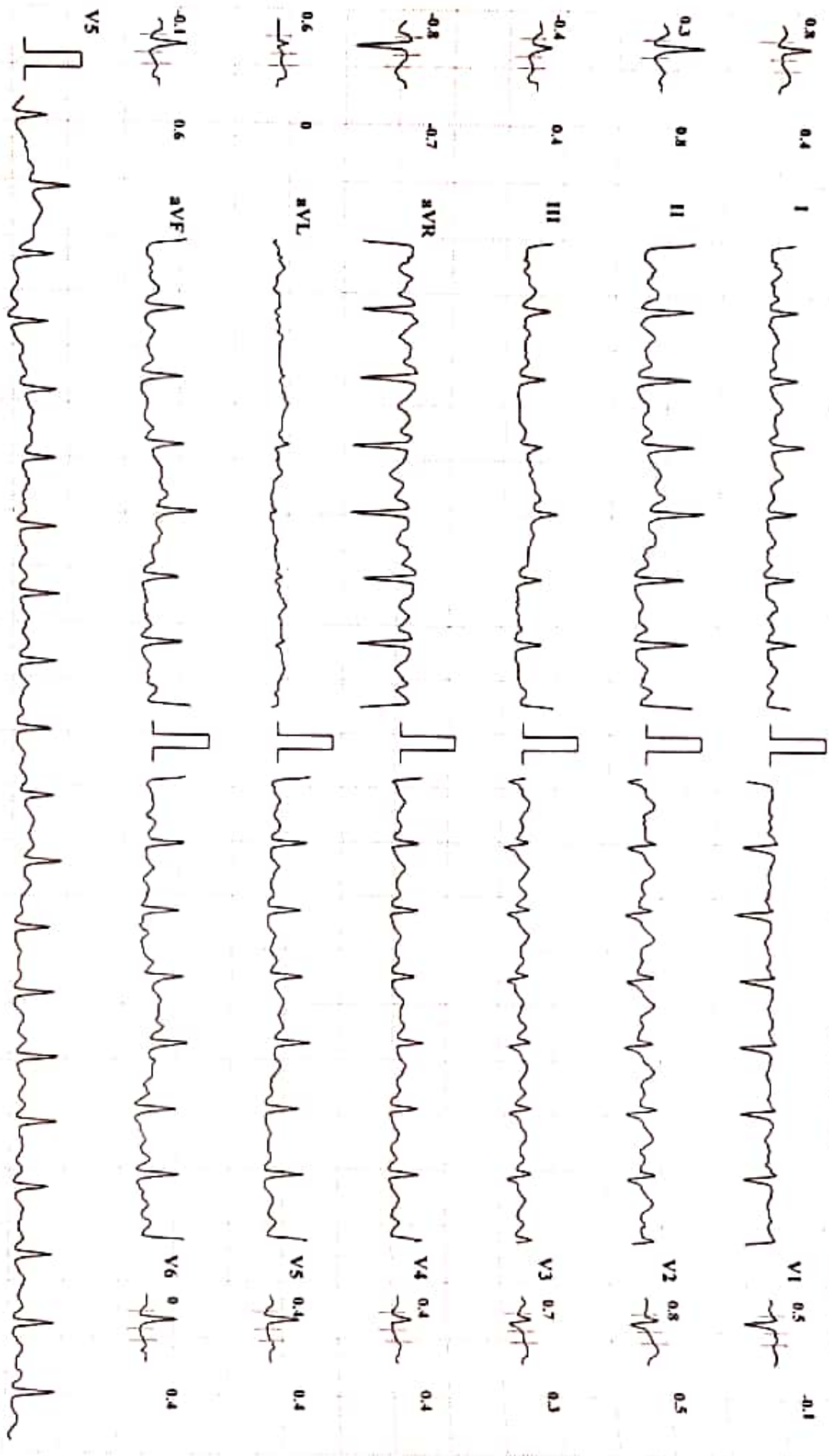


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms

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MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CHANDRASHEKHAR POWAR

Bruce Protocol

ID: 211

Date: 25-02-2023

Exec Time : 0:06:00

Stage Time: 03:00

HR: 139 bpm

STLevel(mm) STSlope(mV/s)

Stage: 2

Speed: 4 kmph

Slope: 12 %

THR: 159 bpm

BP: 130/80 mmHg
STLevel(mm) STSlope(mV/s)

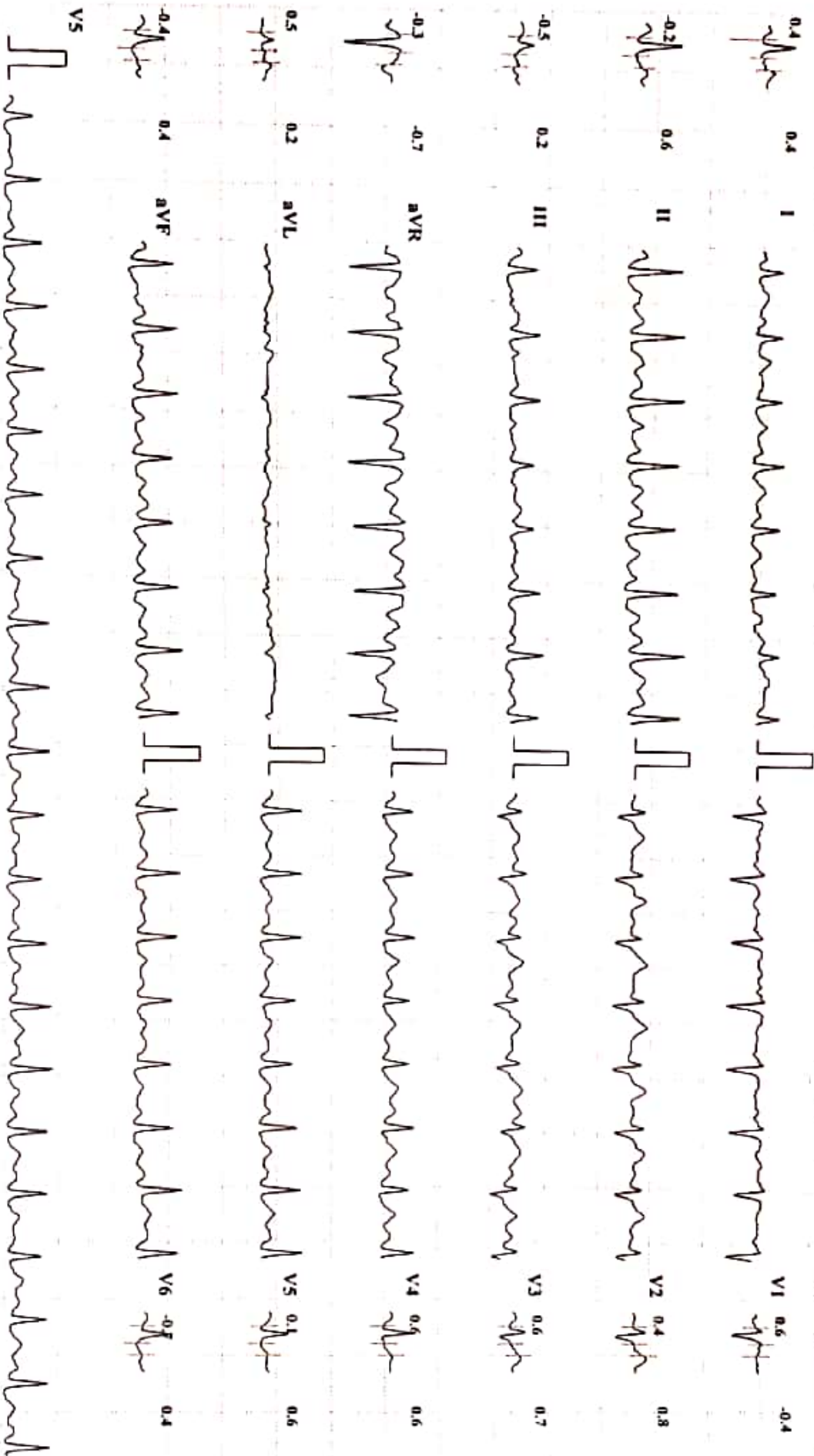


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms

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ARJUN CHANDRASHEKHAR POWAR

Bruce Protocol

ID: 211

Date: 25-02-2023

Exec Time : 0:09:00

Stage Time: 03:00

HR: 151 bpm

Bp: 140/90 mmHg

STLevel(mm) STSlope(mV/s)

Stage: 3

Speed: 5.5 kmph

Slope: 14 %

THR: 159 bpm

STLevel(mm) STSlope(mV/s)

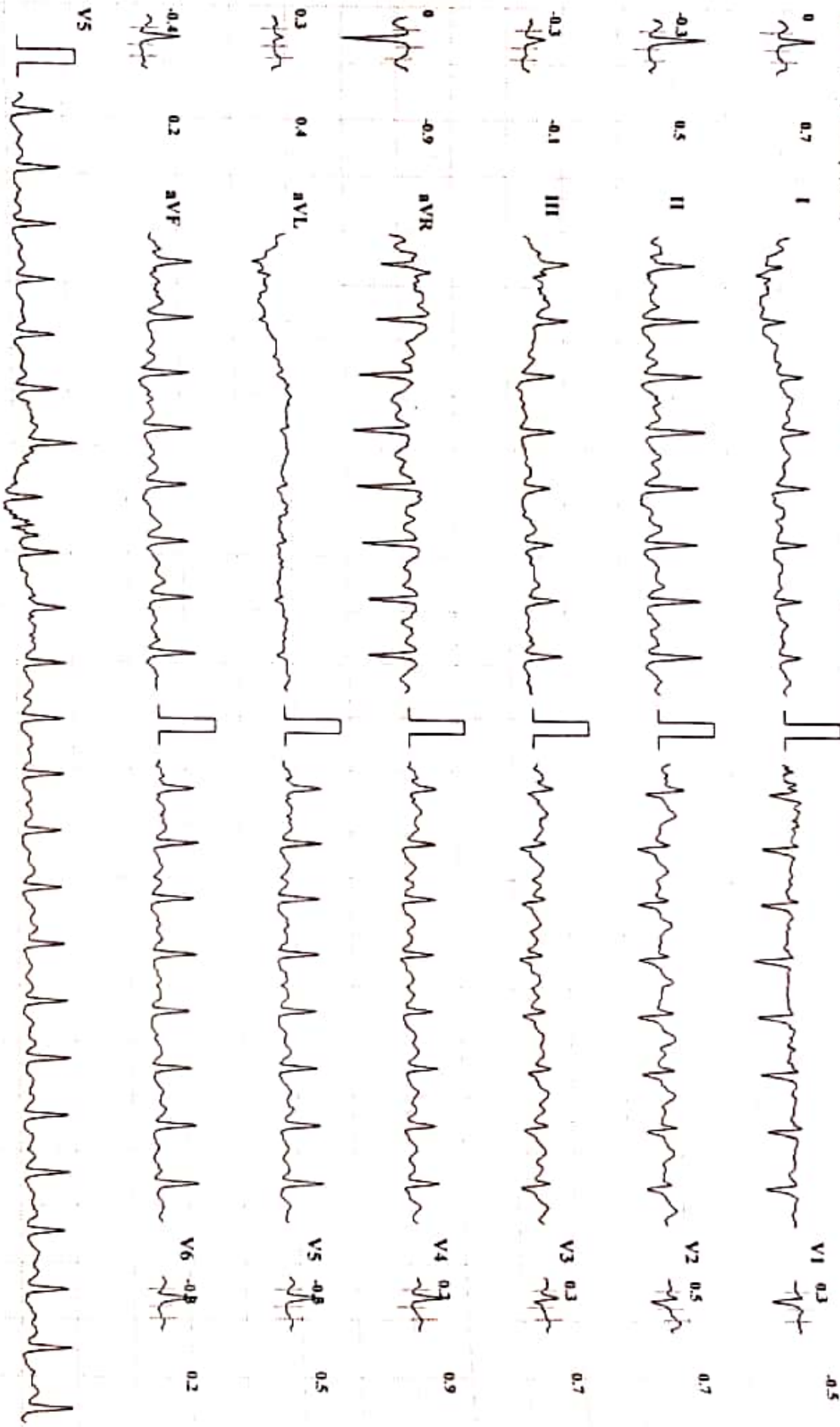


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms

Schiller Spandau CS-10 Version: 2.12

MYO-CLINIC MEDICAL CENTRE, KOLLIAPUR [+91 9307257414]

ARJUN CHANDRASHIEKHAR POWAR

Bruce Protocol

ID: 211

Date: 25-02-2023

Exec Time : 0:09:57

Stage Time: 00:57

HR: 171 bpm

STLevel(mV) STSlope(mV/s)

Stage: 4 Peak Exercise Speed: 6.8 kmph

Slope: 16 %

TIR: 159 bpm

BP: 140/90 mmHg
STLevel(mV) STSlope(mV/s)

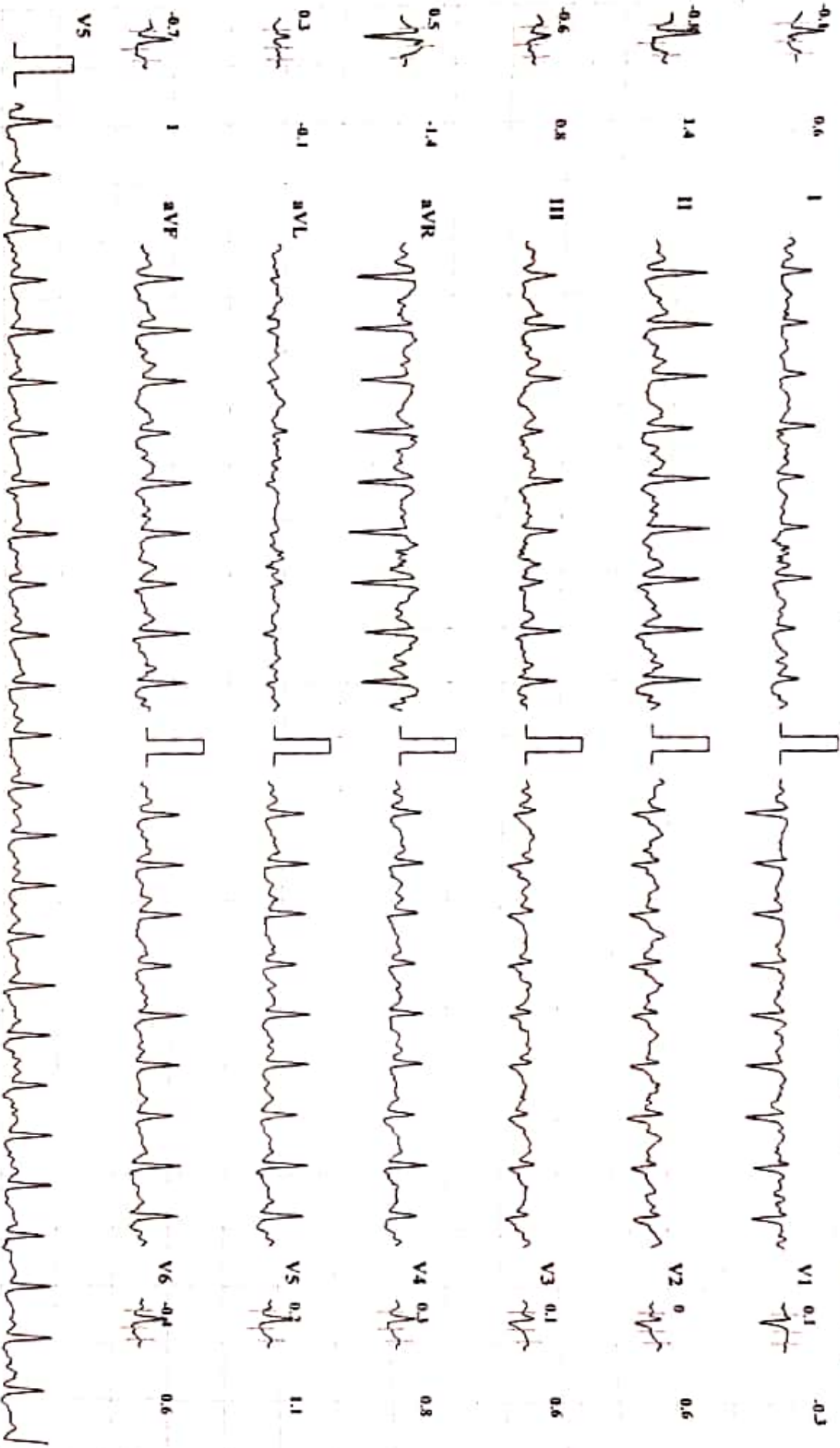


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO = R - 60 ms, J - R + 60 ms, Post J = J + 80 ms

Schiller Spandax CS-10 Version 2.12

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CHANDRASHEKHAR POWAR

Unpac Protocol
ST/elevation ST/Segment(V/V)

ID: 211
Stage: Recovery 1

Date: 25-02-2023
Speed: 0 Km/h

Exec Time : 00:00
Slope: 0 %

Stage Time: 01:00
THR: 159 bpm

HR: 136 bpm

BP: 140/90 mmHg
ST/elevation ST/Segment(V/V)

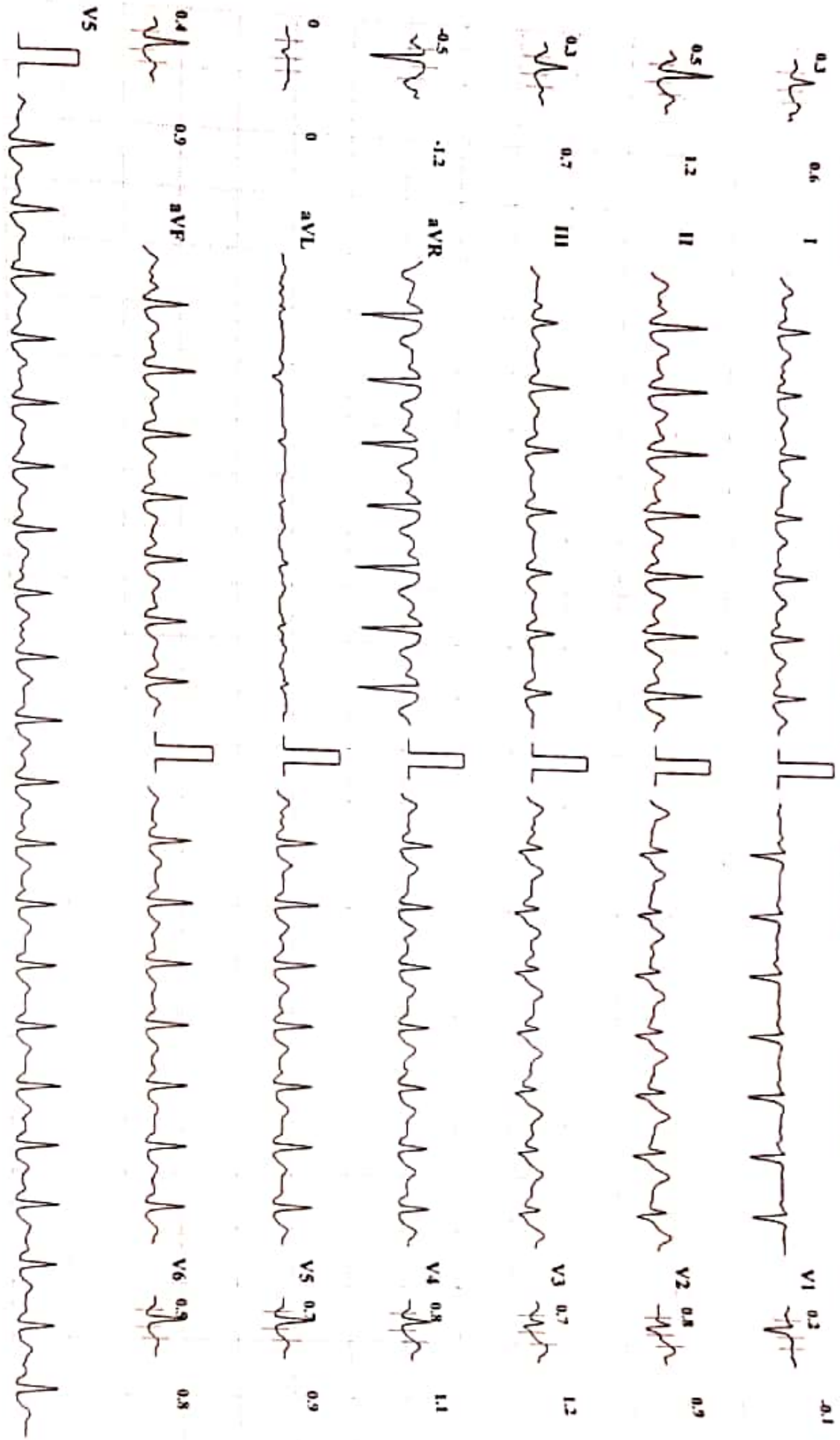


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO = R - 60 ms, J - R + 60 ms, Post J = J + 80 ms

Schiller Spandan CS-10 Version 2.12

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CHANDRASHEKHAR POWAR
 Bruce Protocol
 ST(Slope(mV/s) ST(Slope(mV/s))

ID: 211
 Stage: Recovery2
 Date: 25-02-2023
 Speed: 0 kmph
 Exec Time: 00:00
 Slope: 0 %

Stage Time: 01:00
 THR: 150 bpm
 HR: 107 bpm
 BP: 130/80 mmHg
 ST(Slope(mV/s) ST(Slope(mV/s))

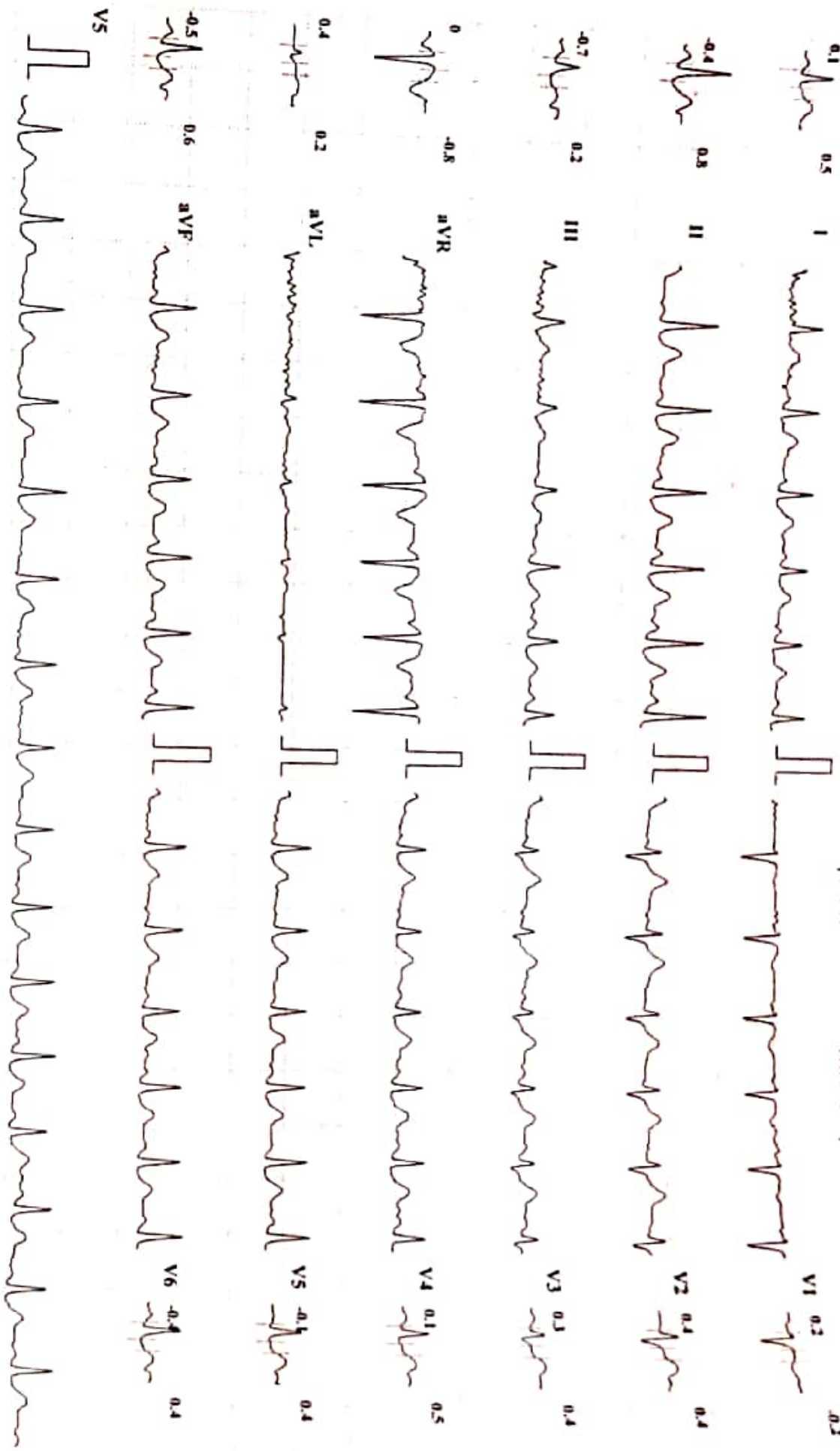


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J - R + 60 ms, Post J - J + 80 ms Schiller Spanolan CS-10 Version 2.12

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CHANDRASHEKHAR POWAR

Bruce Protocol

ID: 211

Date: 25-02-2023

Exec Time : 00:00

Stage Time: 01:00

HR: 105 bpm

BP: 120/70 mmHg

ST(slope/mV) STSlope(mV/s)

Stage: Recovery3

Speed 0 kmph

Slope: 0 %

THR: 159 bpm

ST(slope/mV) STSlope(mV/s)

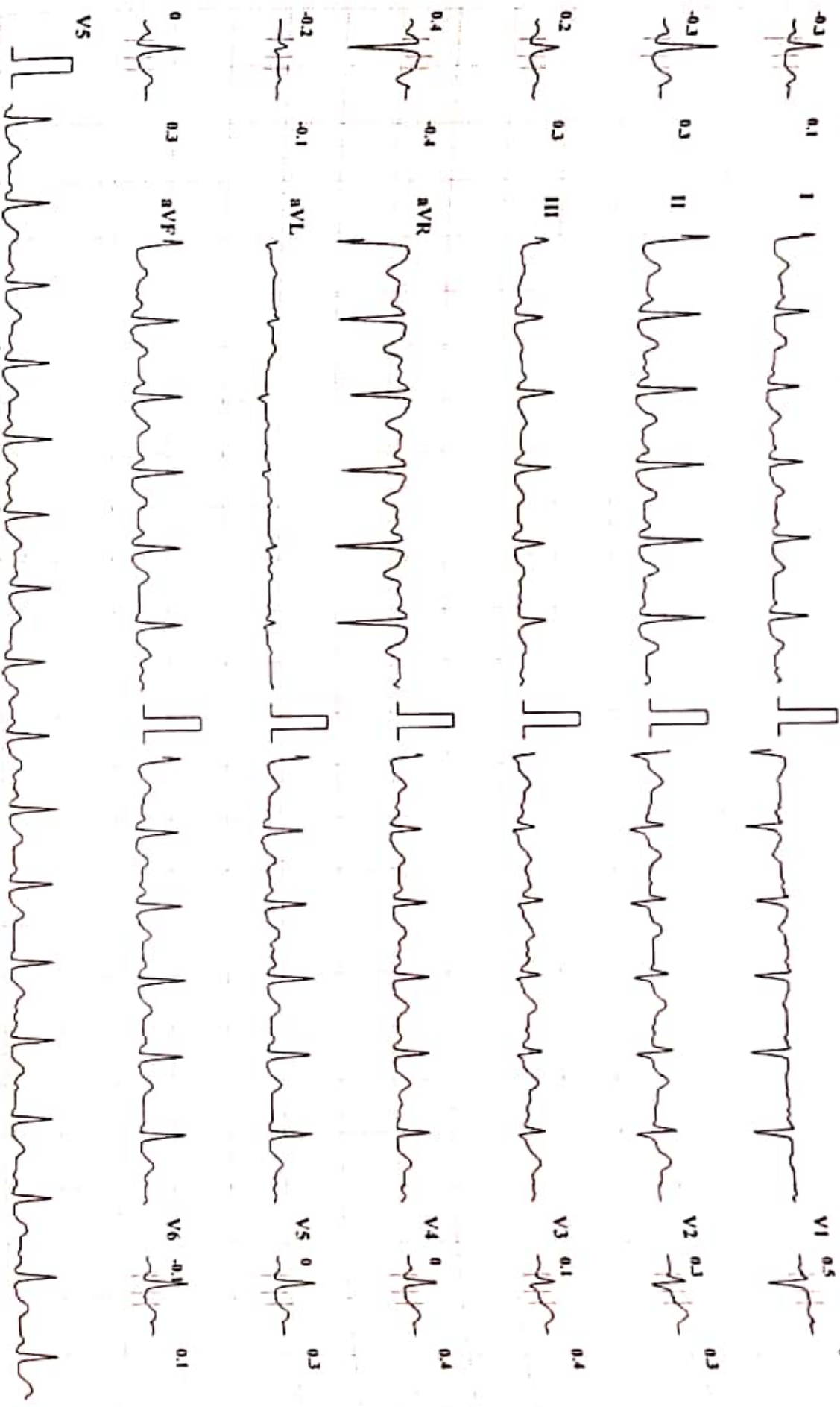


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms

Schiller Spandian CS-10 Version: 2.12

MYO-CLINIC MEDICAL CENTRE, KOLHAPUR [+91 9307257414]

ARJUN CHANDRASHEKHAR POWAR

Bruce Protocol

ID: 211

Date: 25-02-2023

Exec Time : 00:00

Stage Time: 01:00

HR: 103 bpm

ST1(slope/mV) ST2(slope/mV)

Stage: Recovery-4

Speed: 0 kmph

Slope: 0 %

THR: 159 bpm

BP: 120/70 mmHg
ST1(slope/mV) ST2(slope/mV)

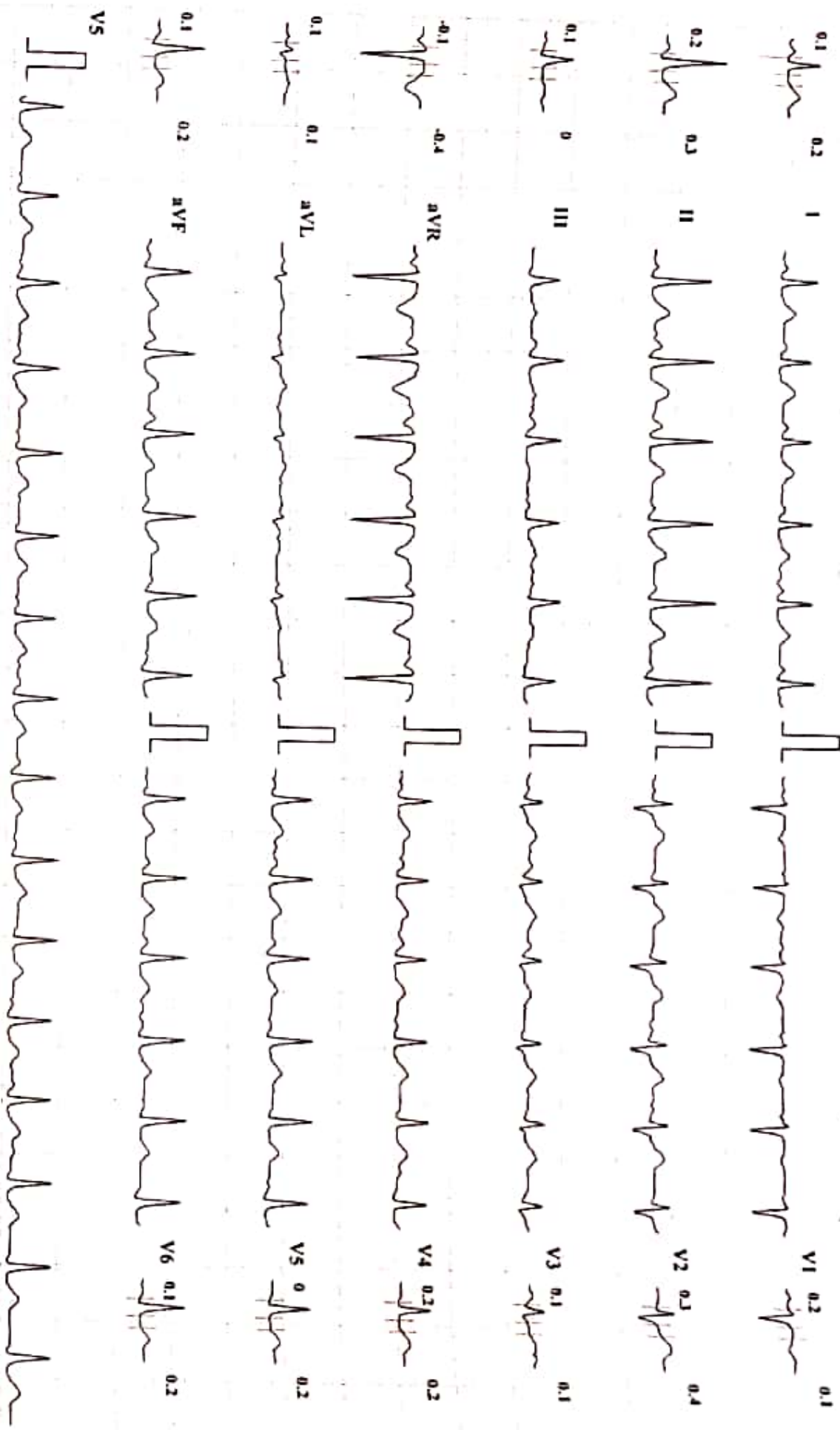


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 35 Hz Mains Filter: ON

ISO - R - 60 ms, J - R + 60 ms, Post J = J + 80 ms

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Corporate Office : HY PATHO LAB

CB 252, GROUND & FIRST FLOOR NARAINA, NEW DELHI 110028

7718962488

info@hypatholab.in

www.hypatholab.in

Toll Free No. : 18001030287

REPORT

PT Name : ARJUN POWAR

Age : 32 Year | Sex : Male

SAMPLE COLLECTED AT :

Ref By : DR. VANDANA POWAR

Registered on : 25-02-2023 12:39 PM

PARTH LAB

Reg No : HL130072662 / MH145

Received on : 27-02-2023 11:27 AM



Barcode : 20721638

Reported on : 27-02-2023 12:30 PM

SAMPLE : Serum

INV : THYROID PROFILE -3 (T3 T4 TSH)

THYROID PROFILE -3 (T3 T4 TSH)

TEST DESCRIPTION	RESULT	UNITS	BIOLOGICAL REFERENCE RANGE
TOTAL TRIIODOTHYRONINE (T3) Method: CLIA	1.64	ng/mL	0.80 - 2.00
TOTAL THYROXINE (T4) Method: CLIA	7.81	ug/dl	5.10 - 14.10
THYROID STIMULATING HORMONE (TSH) Method: CLIA	4.36	uIU/ml	0.35 - 5.50

Reference Range

Thyroid hormone status during pregnancy:

Pregnancy	T3	T4	TSH
1st Trimester	0.70-1.80	6-16.5	0.37 - 3.6
2nd & 3rd Trimester	0.80-2.00	6-18.5	0.38 - 4.04

Reference ranges by Age

0-5 days: 0.7-15.2

6 days-2 months: 0.7-11.0

3-11 months: 0.7-8.4

1-5 years: 0.7-6.0

6-10 years: 0.6-4.8

Interpretation

1. Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
2. Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
3. Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
4. Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
5. Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
6. In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
7. There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
8. Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

Please correlate with clinical conditions

~~End of report~~

Dr. Khande Tejal Abasaheb (MD PATH)
Consultant Pathologist