

PHYSICAL EXAMINATION REPORT

Patient Name	Remya Pradeep Pillai	Sex/Age	F/35
Date	09/11/24	Location	Kalyan

History and Complaints

C/O - Popliteal fossa pain
on Long standing sitting
(2-3 Months)

H/O - chest pain, Lt. Upper
Arm pain
(15 days Bed)

EXAMINATION FINDINGS:

Height (cms):	156	Temp (0c):	Ⓜ
Weight (kg):	63	Skin:	NAD.
Blood Pressure	100/70	Nails:	
Pulse	72/wm	Lymph Node:	

Systems :

Cardiovascular:

Respiratory:

Genitourinary:

GI System:

CNS:

Impression:

Borderline Dyslipidemia
USG - Fatty liver

- Low Fat, Low sugar Diet .

Advice:

- Reg. Exercise .

Repeat Lipid Profile (6 months)

1)	Hypertension:	
2)	IHD	
3)	Arrhythmia	
4)	Diabetes Mellitus	Nr
5)	Tuberculosis	
6)	Asthma	
7)	Pulmonary Disease	
8)	Thyroid/ Endocrine disorders	
9)	Nervous disorders	
10)	GI system	
11)	Genital urinary disorder	Retaken
12)	Rheumatic joint diseases or symptoms	H/O - Pyelonephritis (2013) 6 months
13)	Blood disease or disorder	
14)	Cancer/lump growth/cyst	Nr
15)	Congenital disease	
16)	Surgeries	
17)	Musculoskeletal System	(L7) Popliteal fossa Pain on long time sitting

PERSONAL HISTORY:

1)	Alcohol	No
2)	Smoking	No
3)	Diet	mixed
4)	Medication	No

Dr. Manasee Kulkarni
M.B.B.S.

2005/09/3439

Date:- 9/11/24
 Name:- Remya Pillai
 CID: SUB17/20048
 Sex / Age: F 35

EYE CHECK UP

Chief complaints: 1200

Systemic Diseases: Nil

Past history: Nil

Unaided Vision: 13/2006 ALNB6-

Aided Vision:

Refraction:

	(Right Eye)				(Left Eye)			
	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance								
Near								

Colour Vision: Normal / Abnormal

Remark: Good Vision

MR. PRAKASH KUDVA
 DR. OPTOMETRIST

MR. PRAKASH KUDVA
 SR. OPTOMETRIST

MR. PRAKASH KUDVA
 SR. OPTOMETRIST



CID : 2431420043
Name : MRS.REMYA PRADEEP PILLAI
Age / Gender : 35 Years / Female
Consulting Dr. : -
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 09-Nov-2024 / 08:28
Reported : 09-Nov-2024 / 12:24

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
RBC PARAMETERS			
Haemoglobin	14.0	12.0-15.0 g/dL	Spectrophotometric
RBC	5.19	3.8-4.8 mil/cmm	Elect. Impedance
PCV	43.5	36-46 %	Measured
MCV	84.0	80-100 fl	Calculated
MCH	27.0	27-32 pg	Calculated
MCHC	32.1	31.5-34.5 g/dL	Calculated
RDW	12.3	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	7070	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND ABSOLUTE COUNTS			
Lymphocytes	29.3	20-40 %	
Absolute Lymphocytes	2071.5	1000-3000 /cmm	Calculated
Monocytes	5.7	2-10 %	
Absolute Monocytes	403.0	200-1000 /cmm	Calculated
Neutrophils	62.4	40-80 %	
Absolute Neutrophils	4411.7	2000-7000 /cmm	Calculated
Eosinophils	2.4	1-6 %	
Absolute Eosinophils	169.7	20-500 /cmm	Calculated
Basophils	0.2	0.1-2 %	
Absolute Basophils	14.1	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
PLATELET PARAMETERS			
Platelet Count	284000	150000-400000 /cmm	Elect. Impedance
MPV	8.1	6-11 fl	Calculated
PDW	11.2	11-18 %	Calculated
RBC MORPHOLOGY			
Hypochromia	-		
Microcytosis	-		



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Macrocytosis -
Anisocytosis -
Poikilocytosis -
Polychromasia -
Target Cells -
Basophilic Stippling -
Normoblasts -
Others Normocytic, Normochromic
WBC MORPHOLOGY -
PLATELET MORPHOLOGY -
COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 17 2-20 mm at 1 hr. Sedimentation

Clinical Significance: The erythrocyte sedimentation rate (ESR), also called a sedimentation rate is the rate red blood cells sediment in a period of time.

Interpretation:

Factors that increase ESR: Old age, Pregnancy, Anemia

Factors that decrease ESR: Extreme leukocytosis, Polycythemia, Red cell abnormalities- Sickle cell disease

Limitations:

- It is a non-specific measure of inflammation.
- The use of the ESR as a screening test in asymptomatic persons is limited by its low sensitivity and specificity.

Reflex Test: C-Reactive Protein (CRP) is the recommended test in acute inflammatory conditions.

Reference:

- Pack Inert
- Brigden ML. Clinical utility of the erythrocyte sedimentation rate. American family physician. 1999 Oct 1;60(5):1443-50.

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West.

*** End Of Report ***

Dr. Imran Mujawar

Dr. IMRAN MUJAWAR
M.D (Path)
Pathologist



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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma Fasting	87.3	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP	102.2	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.63	0.3-1.2 mg/dl	Vanadate oxidation
BILIRUBIN (DIRECT), Serum	0.17	0-0.3 mg/dl	Vanadate oxidation
BILIRUBIN (INDIRECT), Serum	0.46	<1.2 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.9	5.7-8.2 g/dL	Biuret
ALBUMIN, Serum	4.8	3.2-4.8 g/dL	BCC
GLOBULIN, Serum	3.1	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
SGOT (AST), Serum	17.9	<34 U/L	Modified IFCC
SGPT (ALT), Serum	15.3	10-49 U/L	Modified IFCC
GAMMA GT, Serum	13.7	<38 U/L	Modified IFCC
ALKALINE PHOSPHATASE, Serum	62.9	46-116 U/L	Modified IFCC
BLOOD UREA, Serum	14.5	19.29-49.78 mg/dl	Calculated
BUN, Serum	6.8	9.0-23.0 mg/dl	Urease with GLDH
CREATININE, Serum	0.59	0.55-1.02 mg/dl	Enzymatic



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eGFR, Serum	120	(ml/min/1.73sqm)	Calculated
		Normal or High: Above 90	
		Mild decrease: 60-89	
		Mild to moderate decrease: 45-59	
		Moderate to severe decrease: 30-44	
		Severe decrease: 15-29	
		Kidney failure: <15	

Note: eGFR estimation is calculated using 2021 CKD-EPI GFR equation

URIC ACID, Serum	4.9	3.1-7.8 mg/dl	Uricase/ Peroxidase
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*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
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Dr. Imran Mujawar
Dr. IMRAN MUJAWAR
 M.D (Path)
 Pathologist



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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
GLYCOSYLATED HEMOGLOBIN (HbA1c)

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	4.8	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/- 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	91.1	mg/dl	Calculated

Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is less than 7%.

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 7 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

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Dr. Miran
Dr. MIRAN MEJAWAR
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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Transparency	Clear	Clear	-
CHEMICAL EXAMINATION			
Specific Gravity	1.010	1.010-1.030	Chemical Indicator
Reaction (pH)	Neutral (7.0)	4.5 - 8.0	Chemical Indicator
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legalis Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATION			
(WBC) Pus cells / hpf	2-3	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	3-4	0-5/hpf	
Hyaline Casts	Absent	Absent	
Pathological cast	Absent	Absent	
Calcium oxalate monohydrate crystals	Absent	Absent	
Calcium oxalate dihydrate crystals	Absent	Absent	
Triple phosphate crystals	Absent	Absent	
Uric acid crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	5-6	0-20/hpf	
Yeast	Absent	Absent	
Others	-		

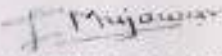


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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
BLOOD GROUPING & Rh TYPING

PARAMETER	RESULTS
ABO GROUP	O
Rh TYPING	Positive

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

Note : This Sample has also been tested for Bombay group/Bombay phenotype /Oh using anti H lectin

Specimen: EDTA Whole Blood and/or serum

Clinical significance:
ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result.
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

References:

1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012, F.A. Davis company, Philadelphia.
2. AABB technical manual

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
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J. Mujawar
Dr. IMRAN MUJAWAR
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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	239.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	165	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>=500 mg/dl	Enzymatic colorimetric
HDL CHOLESTEROL, Serum	32.2	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Elimination/ Catalase
NON HDL CHOLESTEROL, Serum	206.8	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	173.8	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	33.0	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	7.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	5.4	0-3.5 Ratio	Calculated

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Dr. VRUSHALI SHROFF
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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Free T3, Serum	4.6	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	15.2	11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59	ECLIA
sensitiveTSH, Serum	1.29	0.35-5.5 microU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0 microU/ml	ECLIA



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Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

- 1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH.
- 2)TSH values may be transiently altered because of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone. Recovery phase of non-thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine. Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, heparin, beta Blockers, steroids & anti epileptics.

Diurnal Variation: TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am, and is at a minimum between 8 pm and 10 pm. The variation is on the order of 50 to 200%. Biological variation:19.7%(with in subject variation)

Reflex Tests:Anti thyroid Antibodies,USG Thyroid, TSH receptor Antibody, Thyroglobulin, Calcitonin

Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until about 5 hours following the last biotin administration.
2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

Reference:

- 1.O.koufouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET, Vol. 357
3. Tietz, Text Book of Clinical Chemistry and Molecular Biology -5th Edition
4. Biological Variation:From principles to Practice-Calkin G Fraser (AACC Press)

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
Urine Sugar (PP)	Absent	Absent	
Urine Ketones (PP)	Absent	Absent	

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Haemoglobin



WBC Total Count



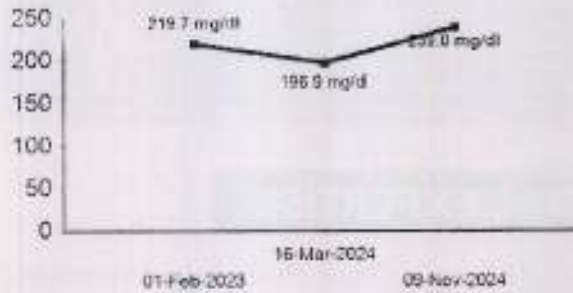
Platelet Count



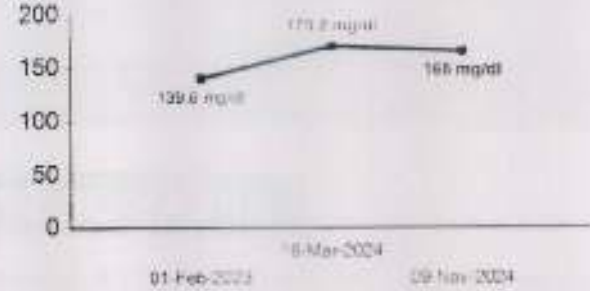
ESR



CHOLESTEROL



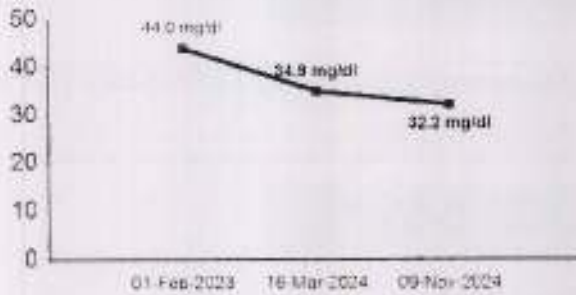
TRIGLYCERIDES



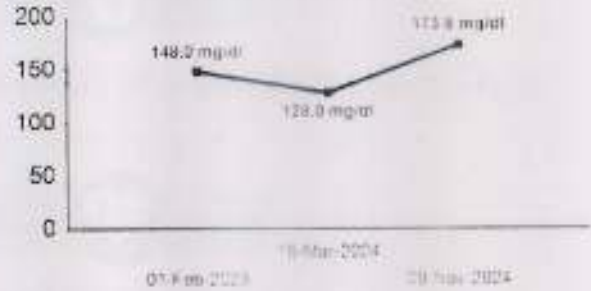


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HDL CHOLESTEROL



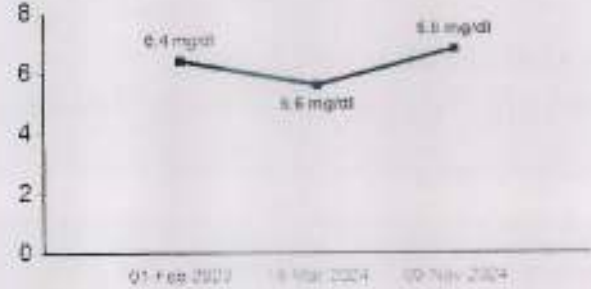
LDL CHOLESTEROL



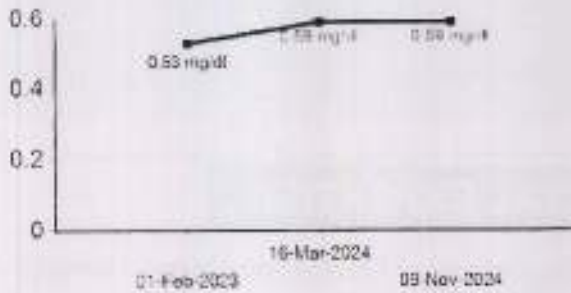
BLOOD UREA



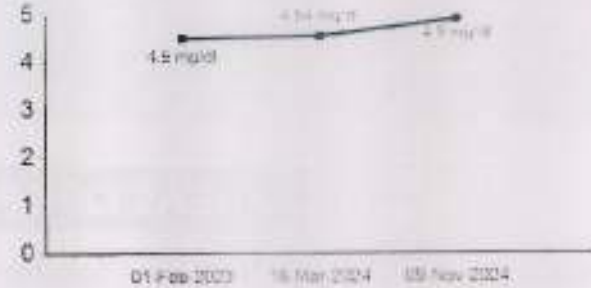
BUN

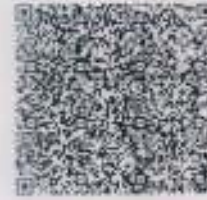


CREATININE



URIC ACID

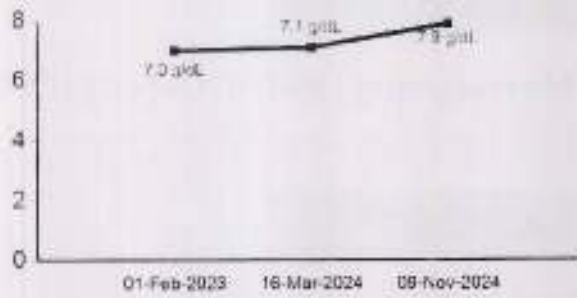




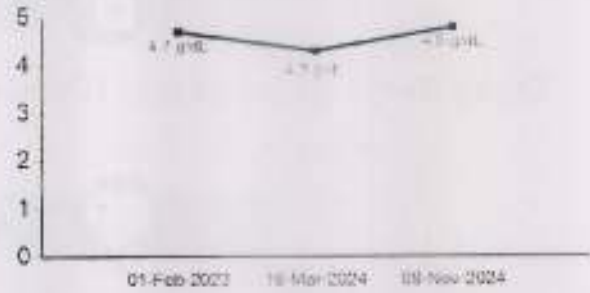
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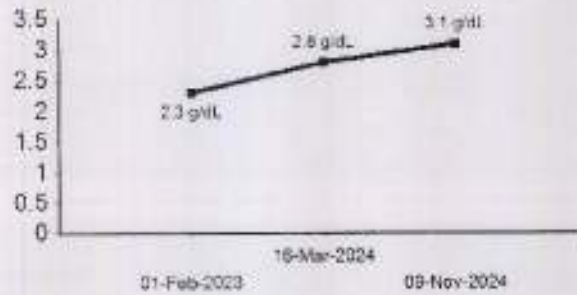
TOTAL PROTEINS



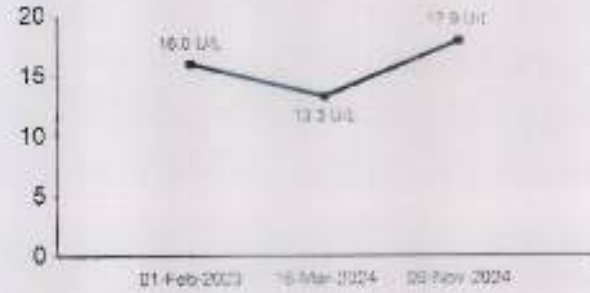
ALBUMIN



GLOBULIN



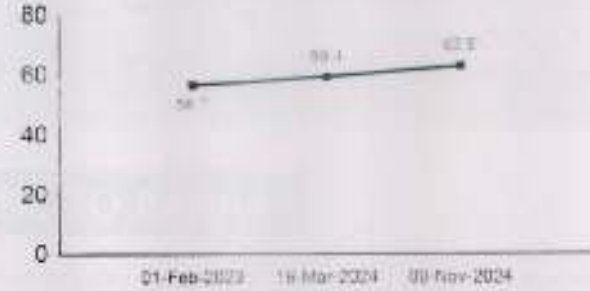
SGOT (AST)



SGPT (ALT)

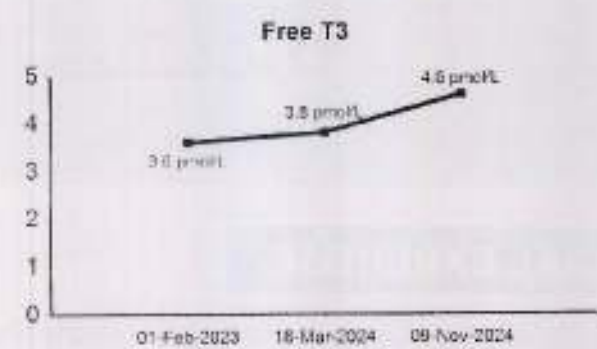
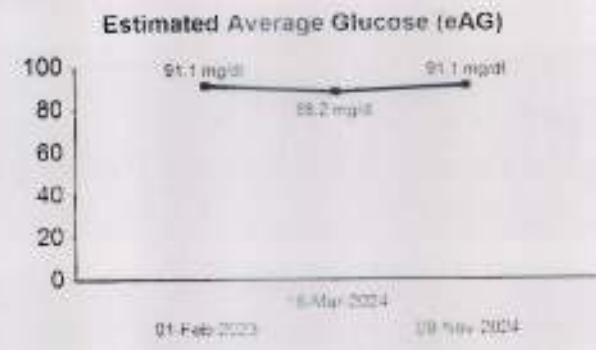
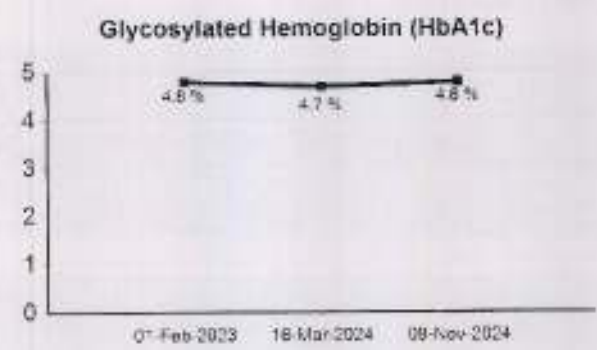
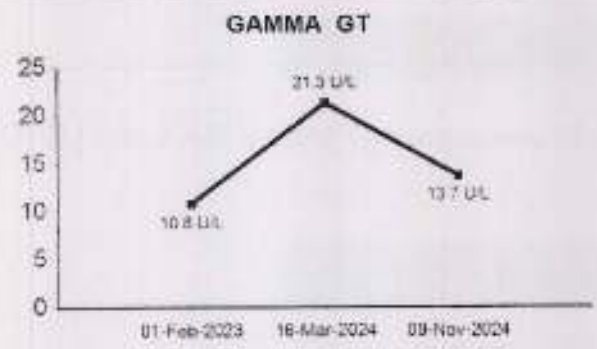


ALKALINE PHOSPHATASE



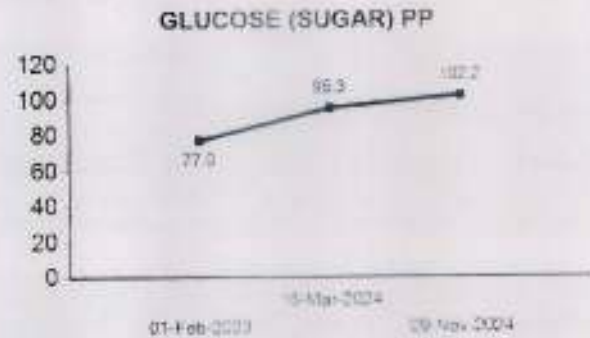


CID : 2431420043
 Name : MRS.REMYA PRADEEP PILLAI
 Age / Gender : 35 Years / Female
 Consulting Dr. : -
 Reg. Location : G B Road, Thane West (Main Centre)

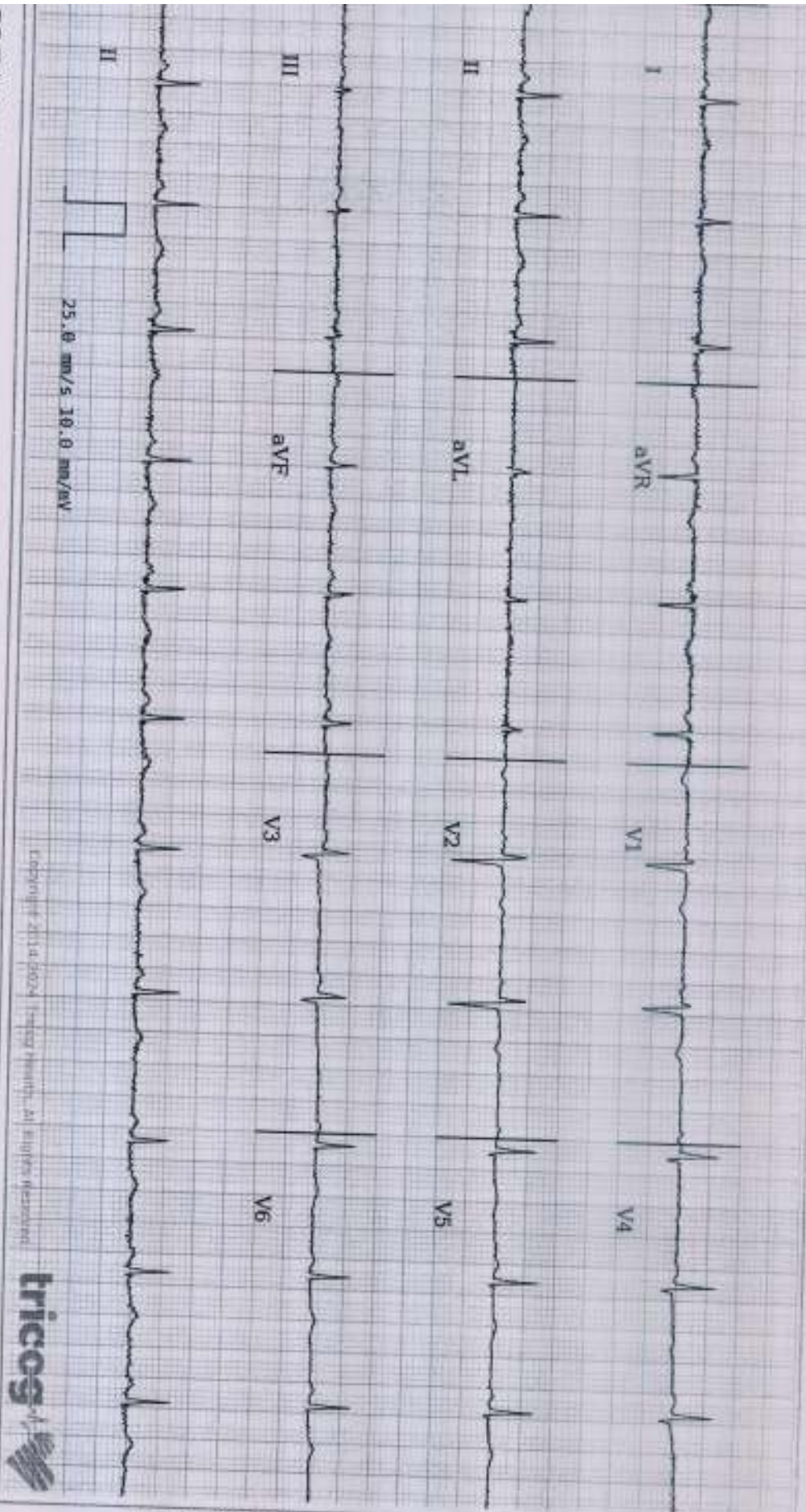




CID : 2431420043
 Name : MRS.REMYA PRADEEP PILLAI
 Age / Gender : 35 Years / Female
 Consulting Dr. : -
 Reg. Location : G B Road, Thane West (Main Centre)



SUBURBAN DIAGNOSTICS - G R ROAD, THIANE WEST
 Patient Name: **REMYA PRADEEP PILLAI** Date and Time: **9th Nov 24 12:05 PM**
 Patient ID: **2431420043**



25.0 mm/5 10.0 mm/mV

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Age: **35** years
 Gender: **Female**
 Heart Rate: **72bpm**

Patient Vitals

BP: NA
 Weight: NA
 Height: NA
 Pulse: NA
 SpO2: NA
 Resp: NA
 Others: NA

Measurements

QRSD: 70ms
 QT: 412ms
 QTcB: 451ms
 PR: 122ms
 P-R-T: 51° 38° 41°

CG Within Normal Limits: Sinus Rhythm. Please correlate clinically.

REPORTED BY

DR SHAAD AAM PILLAI
 MBBS, MD Physician
 49972

Notes: (1) Analysis in the report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other diagnostic and non-invasive tests and must be interpreted by a qualified clinician. (2) Patient data not as entered by the clinician and not derived from the ECG.



CID : 2431420043
Name : Mrs REMYA PRADEEP PILLAI
Age / Sex : 35 Years/Female
Ref. Dr :
Reg. Date : 09-Nov-2024
Reg. Location : G B Road, Thane West Main Centre
Reported : 09-Nov-2024 / 14:01

R
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X-RAY CHEST PA VIEW

Both lung fields are clear.
Both costo-phrenic angles are clear.
The cardiac size and shape are within normal limits.
The domes of diaphragm are normal in position and outlines.
The skeleton under review appears normal.

IMPRESSION:
NO SIGNIFICANT ABNORMALITY IS DETECTED.

-----End of Report-----

G. R. Fartade

Dr. GAURAV FARTADE
MBBS, DMRE
Reg No -2014/04/1785
Consultant Radiologist

Click here to view images <http://3.111.232.119/IRISViewer/NeoradViewer?AccessionNo=2024110908251651>

Reg. No. : 2431420043	Sex : FEMALE
NAME : MRS. REMYA PRADEEP PILLAI	Age : 35 YRS
Ref. By : -----	Date : 09.11.2024

USG ABDOMEN AND PELVIS

LIVER: Liver appears normal in size (14.2 cm) and **shows increased echorefectivity**. There is no intra-hepatic biliary radical dilatation. No evidence of any focal lesion.

GALL BLADDER: Gall bladder is distended and appears normal. Wall thickness is within normal limits. There is no evidence of any calculus. No evidence of pericholecystic fluid collection/fat strandings. No evidence of sludge.

PORTAL VEIN: Portal vein is normal. **CBD:** CBD is normal.

PANCREAS: Pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification. Pancreatic duct is not dilated.

KIDNEYS: Right kidney measures 9.9 x 4.4 cm. Left kidney measures 10.2 x 4.6 cm. Both kidneys are normal in size, shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.

SPLEEN: Spleen is normal in size (9.7 cm) shape and echotexture. No focal lesion is seen.

URINARY BLADDER: Urinary bladder is partially distended and normal. Wall thickness is within normal limits.

UTERUS: Uterus is anteverted and measures 8.5 x 5.1 x 4.2 cm. Uterine myometrium shows homogenous echotexture. Endometrial echo is in midline and measures 3.9 mm. Cervix appears normal.

OVARIES: Both ovaries are normal. Bilateral adnexa are clear.

The right ovary measures 2.7 x 1.5 cm.

The left ovary measures 2.1 x 1.1 cm.

No free fluid or significant lymphadenopathy is seen.

Reg. No. : 2431420043	Sex : FEMALE
NAME : MRS. REMYA PRADEEP PILLAI	Age : 35 YRS
Ref. By : -----	Date : 09.11.2024

IMPRESSION:

**GRADE I FATTY INFILTRATION OF LIVER.
NO OTHER SIGNIFICANT ABNORMALITY IS NOTED AT PRESENT SCAN.**

Note: Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. USG is known to have inter-observer variations. Further/follow-up imaging may be needed in some cases for confirmation / exclusion of diagnosis.

Advice: Clinical co-relation and further imaging evaluation if indicated.


DR. SHIVANGINI V. INGOLE
M.B.B.S., DMRE
(CONSULTANT RADIOLOGIST)
REG NO. 2018/12/6130

SUBURBAN DIAGNOSTICS (THANE GB ROAD)

Report



Email:

2802 (2431420043) / REMYA PRADEEP PILLAI / 35 Yrs / F / 146 Cms / 63 Kg

Date: 09 / 11 / 2024 09:03:29 AM

Stage	Time	Duration	Speed(mph)	Elevation	METs	Rate	% THR	BP	RPP	PVC	Comments
Supine	00:15	0:15	00.0	00.0	01.0	091	49 %	110/80	100	00	
Standing	00:29	0:14	00.0	00.0	01.0	099	54 %	110/80	108	00	
HV	00:42	0:13	00.0	00.0	01.0	085	46 %	110/80	093	00	
ExStart	00:58	0:16	00.0	00.0	01.0	100	54 %	110/80	110	00	
BRUCE Stage 1	03:58	3:00	01.7	10.0	04.7	135	73 %	130/80	175	00	
BRUCE Stage 2	06:58	3:00	02.5	12.0	07.1	152	82 %	140/80	212	00	
PeakEx	07:14	0:16	03.4	14.0	07.4	159	88 %	150/80	238	00	
Recovery	08:14	1:00	00.0	00.0	01.1	116	63 %	150/80	174	00	
Recovery	09:14	2:00	00.0	00.0	01.0	125	68 %	150/80	187	00	
Recovery	09:22				00.0	000	0 %	---	000	00	

FINDINGS :

Exercise Time : 06:16
 Initial HR (ExStrt) : 100 bpm 54% of Target 185
 Initial BP (ExStrt) : 110/80 (mm/Hg) Max HR Attained 159 bpm 86% of Target 185
 Max Workload Attained : 7.4 Fair response to induced stress Max BP Attained 150/80 (mm/Hg)
 Max ST Dep Lead & Avg ST Value : III & -1.2 mm in Standing
 Test End Reasons : . Fatigue, Heart Rate Achieved, Feeling Uncomfortable

Dr. SHAILAJA PILLAI
 M.D. (GEN.MED)
 RMO 45977

Doctor : DR. SHAILAJA PILLAI



EMail: 2802 / Remya Praadeep Pillai / 35 Yrs / F / 146 Cms / 63 Kg Date: 09 / 11 / 2024 09:03:29 AM

REPORT :

Sample Name: Stress Test Graded Exercise Treadmill

PROCEDURE DONE: Graded exercise treadmill stress test
STRESS ECG RESULTS: The initial HR was recorded as 99.0 bpm, and the maximum predicted Target Heart Rate 185.0. The BP increased at the time of generating report as 150.0/80.0 mmHg. The Max Dep went upto 0.1. 0.0 Ectopic Beats were observed during the Test.
The Test was completed because of . Fatigue, Heart Rate Achieved, Feeling Uncomfortable.

- CONCLUSIONS:
1. Stress test is negative for ischemia
 2. No significant ST T changes seen. Basic ECG Nonspecific ST T changes.
 3. HR and Blood pressure response to exercise is normal.

Disclaimer : Negative stress test does not rule out CAD.

Dr. Shailaja Pillai
M.D. (GEN.MED)
R.NO. 49072
Doctor : DR. SHAILAJA PILLAI

SUBURBAN DIAGNOSTICS (THANE GB ROAD)

SUPINE (00:01)

2702 (2431420043) / RENUYA PRADEEP PILLAI / 35 Yrs / F / 146 Cms / 63 Kg / HR : 91



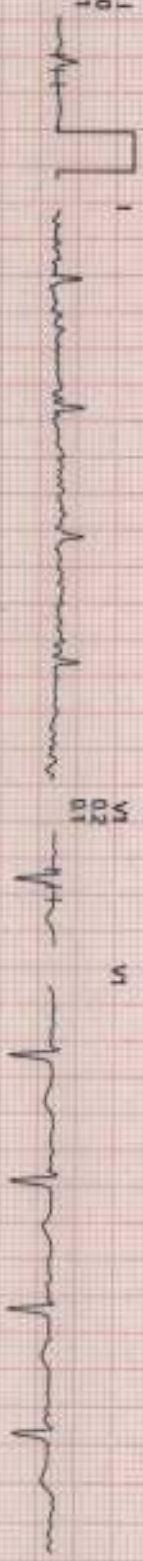
Date: 09 / 11 / 2024 09:03:39 AM METS: 1.0/ 91 bpm 49% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 0.0 mph 0.0%

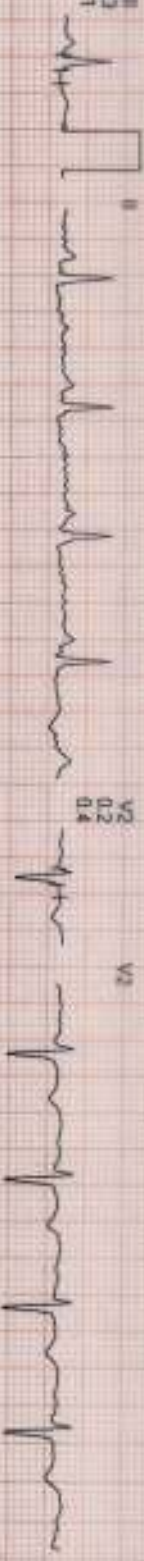
4X 80 and Paper J

25 mm/Sec 1.0 Div/mV

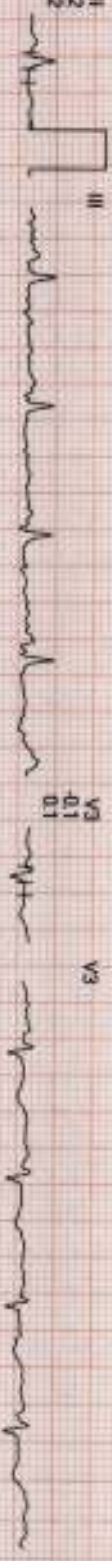
mV 0.0
mm 0.1



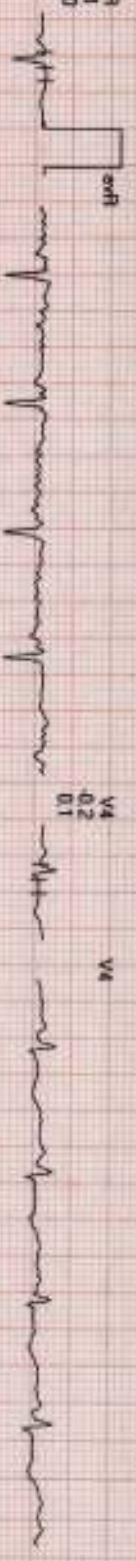
mV 0.5
mm 0.1



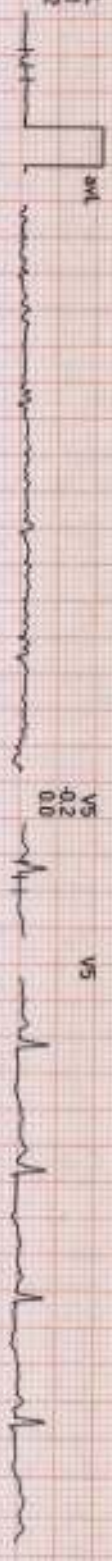
mV 0.5
mm 0.2



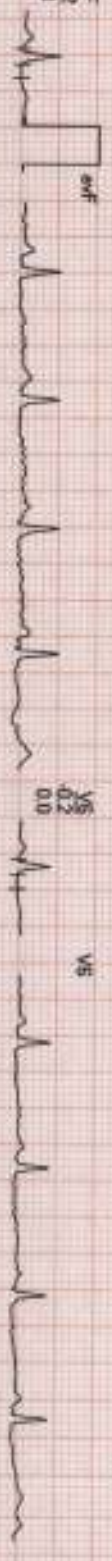
mV 0.5
mm 0.1
0.0



mV 0.5
mm 0.1
0.2



mV 0.5
mm 0.2
0.1



REMARKS:

SUBURBAN DIAGNOSTICS (THANE GB ROAD)

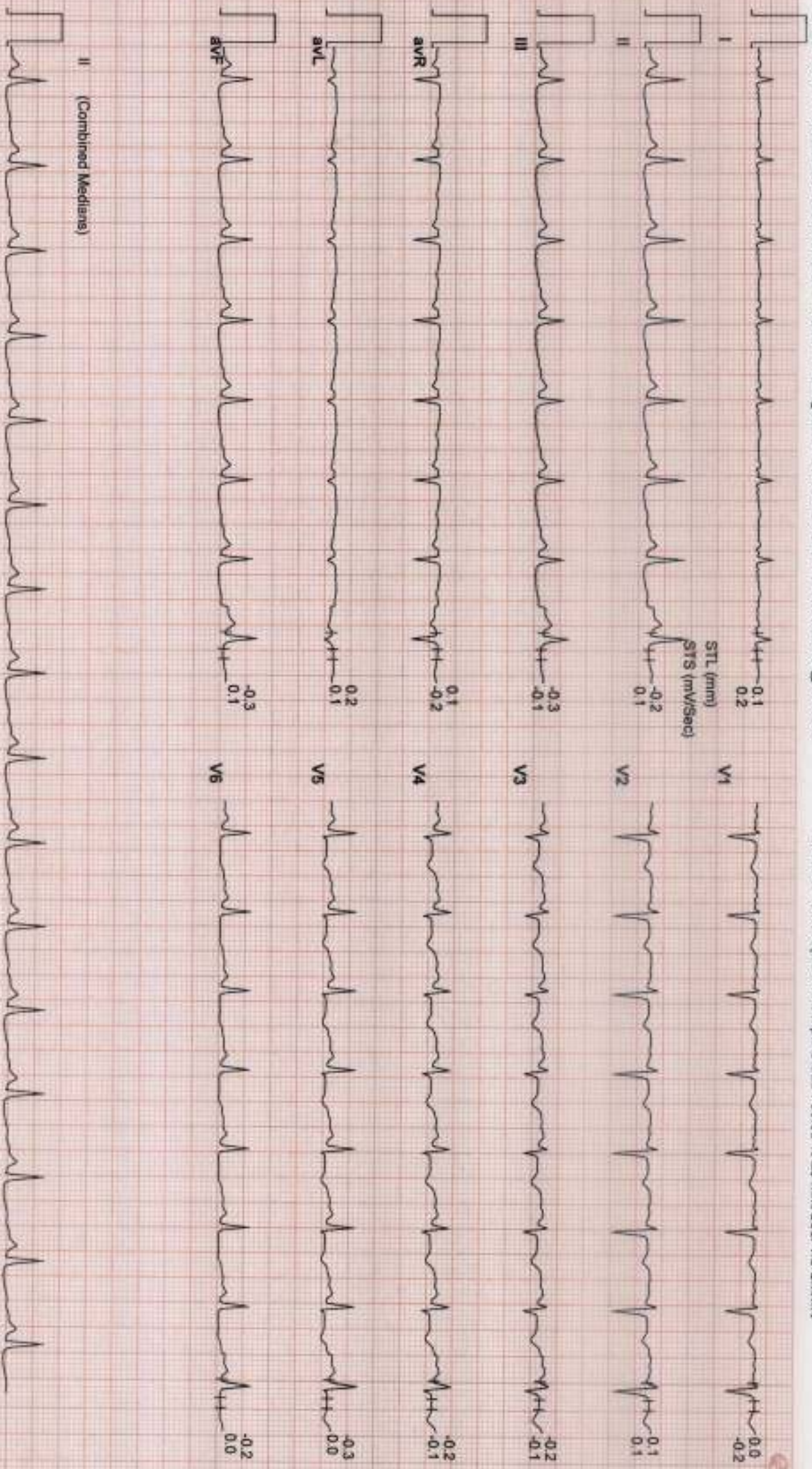
2802 / REMYA PRADEEP PILLAI / 35 Yrs / Female / 146 Cm / 63 Kg

6X2 Combine Medians + 1 Rhythm
STANDING (00:00)



Date: 09 / 11 / 2024 09:03:29 AM METs : 1.0 HR : 99 Target HR : 54% of 185 BP : 110/80 Post J @80mSec

ExTime: 00:00 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec: 1.0 Cm/IntV



SUBURBAN DIAGNOSTICS (THANE GB ROAD)

2802 / REMYA PRADEEP PILLAI / 35 Yrs / Female / 146 Cm / 63 Kg

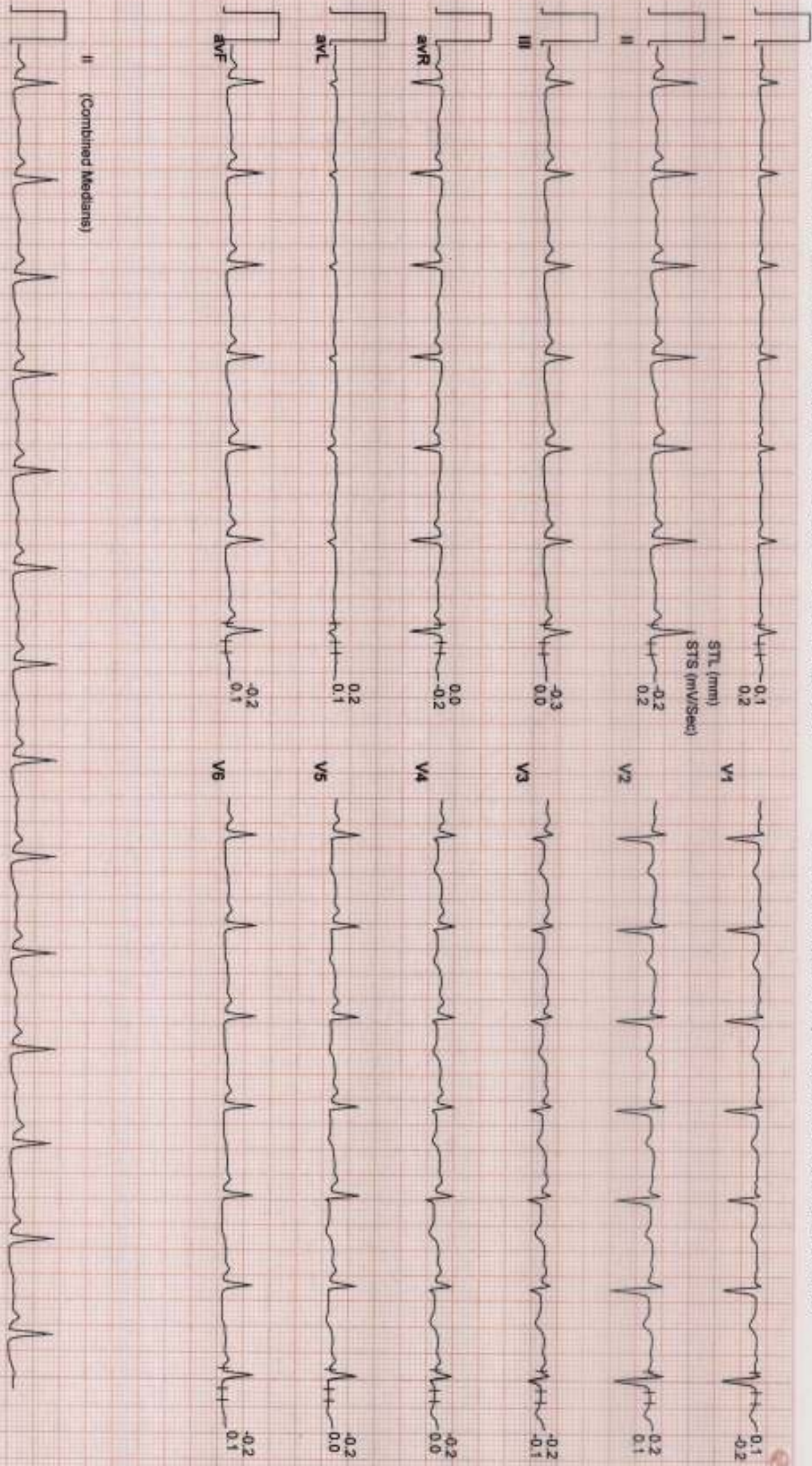
Date: 09 / 11 / 2024 09:03:29 AM METs : 1.0 HR : 95 Target HR : 46% of 185 BP : 110/80 Post J @ 80mSec

6X2 Combine Medians + 1 Rhythm

HV (00:00)



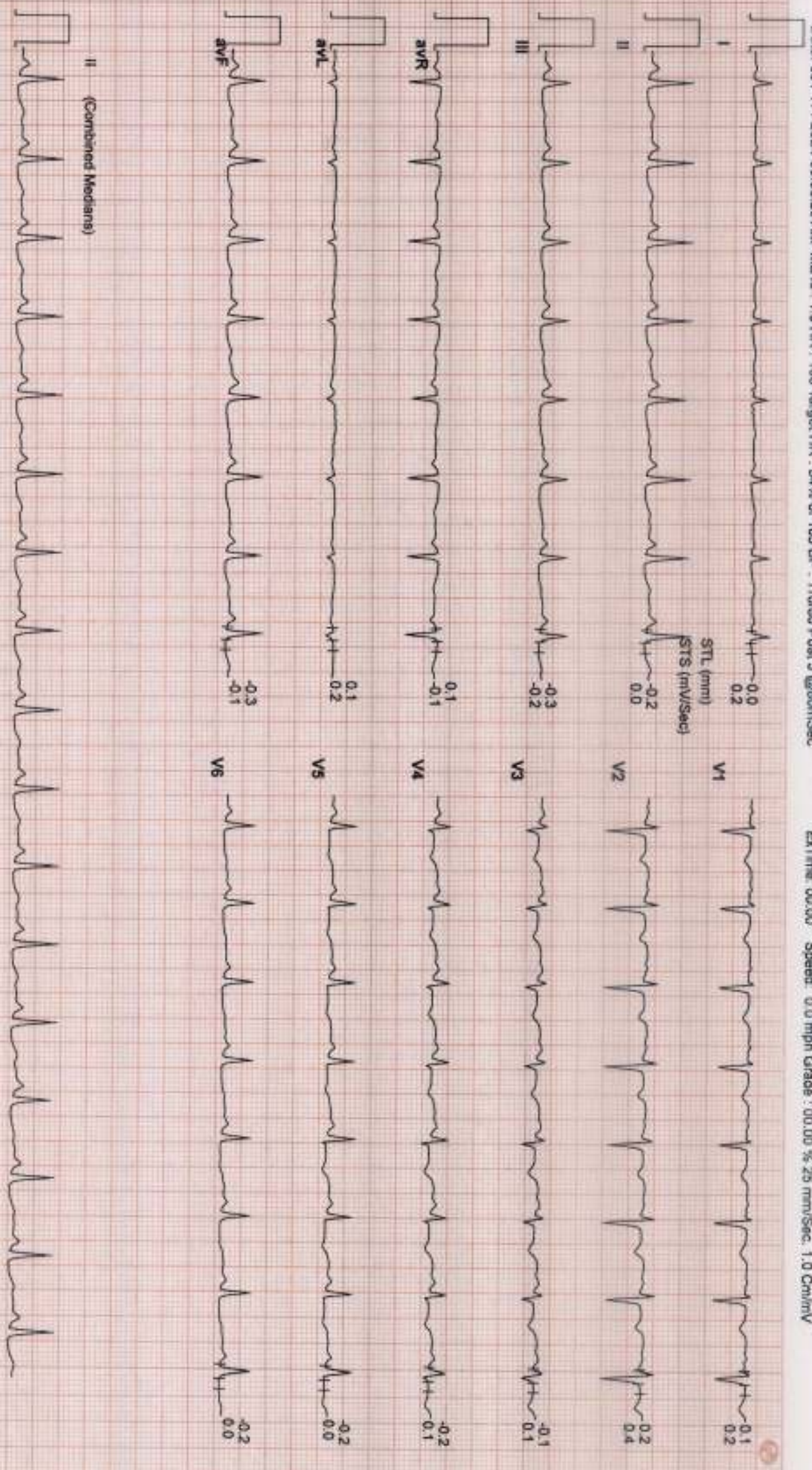
ExTime: 00:00 Speed: 0.0 mph Grade: 00.00 % 25 mm/Sec. 1.0 Cm/mV





Date: 09 / 11 / 2024 09:03:29 AM METs : 1.0 HR : 100 Target HR : 54% of 165 BP : 110/80 Post J @80mSec

ExTime: 00:00 Speed: 0.0 mph Grade: 00.00 % 25 mm/Sec: 1.0 Cm/mV

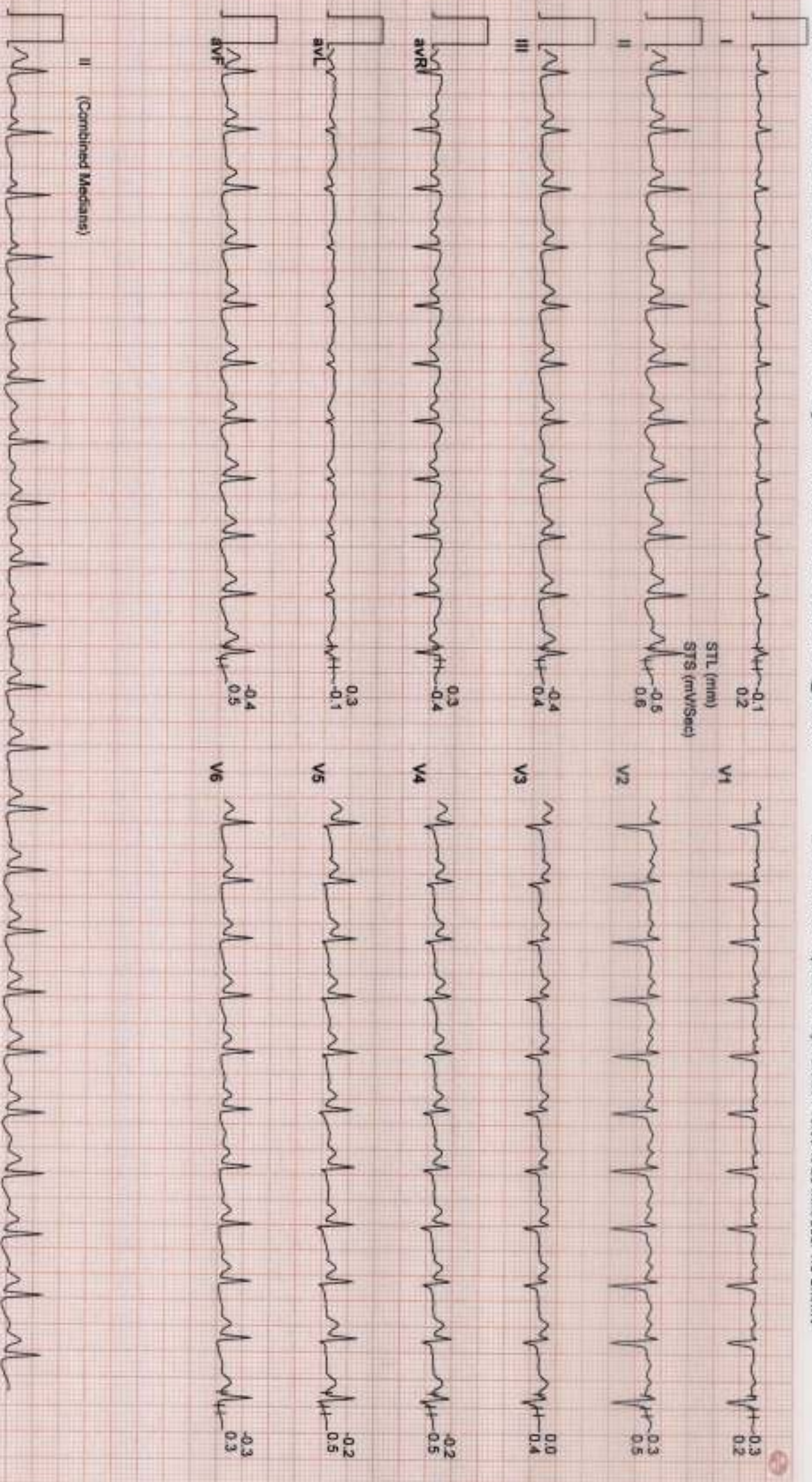


II (Combined Medians)



Date: 09 / 11 / 2024 09:03:29 AM METs : 4.7 HR : 135 Target HR : 73% of 185 BP : 130/80 Post J @60mSec

ExTime: 03:00 Speed: 1.7 mph Grade : 10.00 % 25 mm/Sec. 1.0 Cm/mV



SUBURBAN DIAGNOSTICS (THANE GB ROAD)

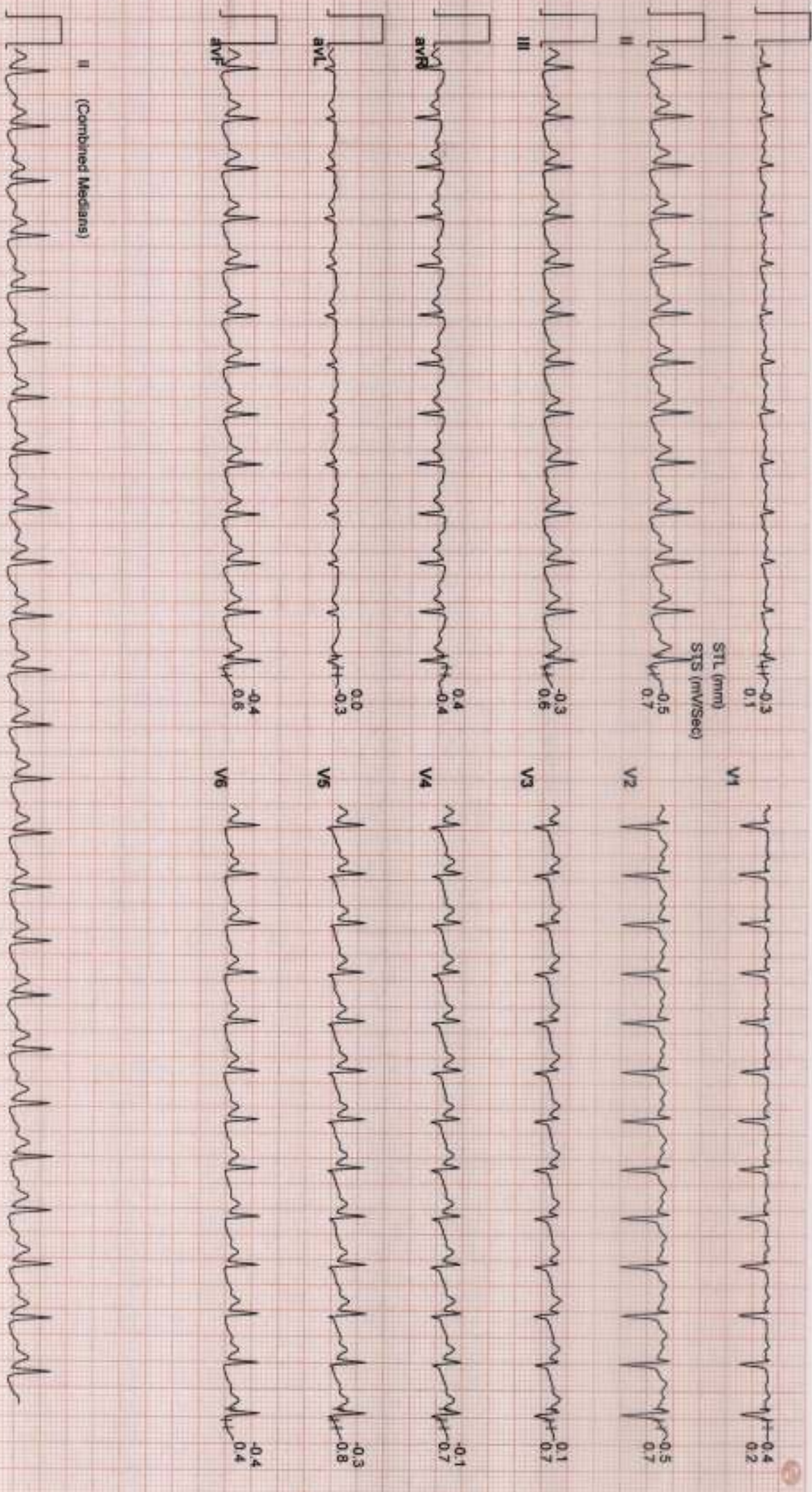
2802 / REMYA PRADEEP PILLAI / 35 Yrs / Female / 146 Cm / 63 Kg

6X2 Combine Medians + 1 Rhythm
BRUCE : Stage 2 (03:00)



Date: 09 / 11 / 2024 09:03:29 AM METs : 7.1 HR : 152 Target HR : 82% of 186 BP : 140/80 Post J @60mSec

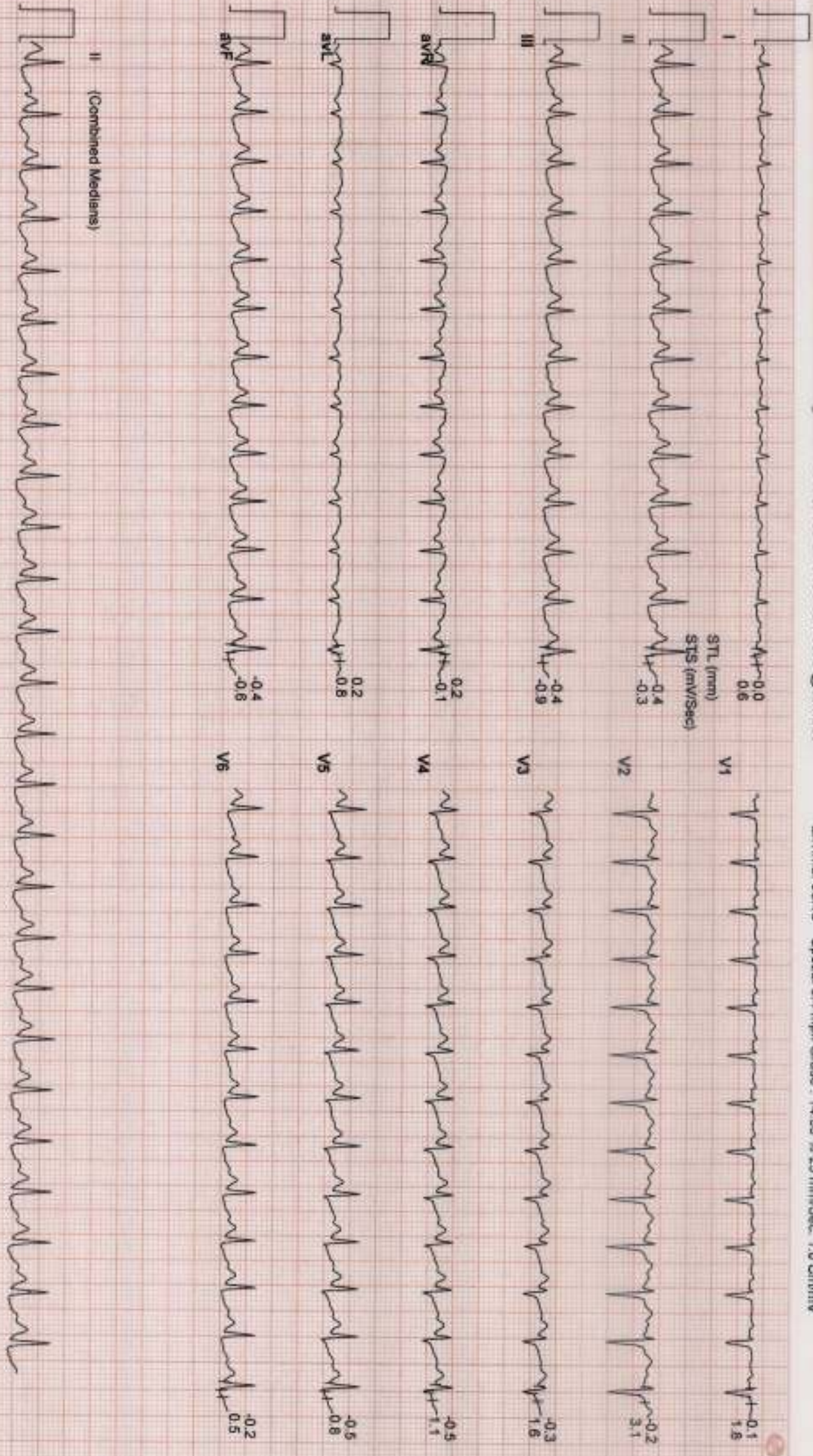
ExTime: 08:00 Speed: 2.5 mph Grade : 12.00 % 25 mm/Sec 1.0 Cm/IV





Date: 09 / 11 / 2024 09:03:29 AM METs : 7.4 HR : 159 Target HR : 98% of 185 BP : 150/80 Post J @60mSec

ExTime: 06:15 Speed: 3.4 mph Grade : 14.00 % 25 mm/Sec 1.0 Cm/mV



SUBURBAN DIAGNOSTICS (THANE GB ROAD)

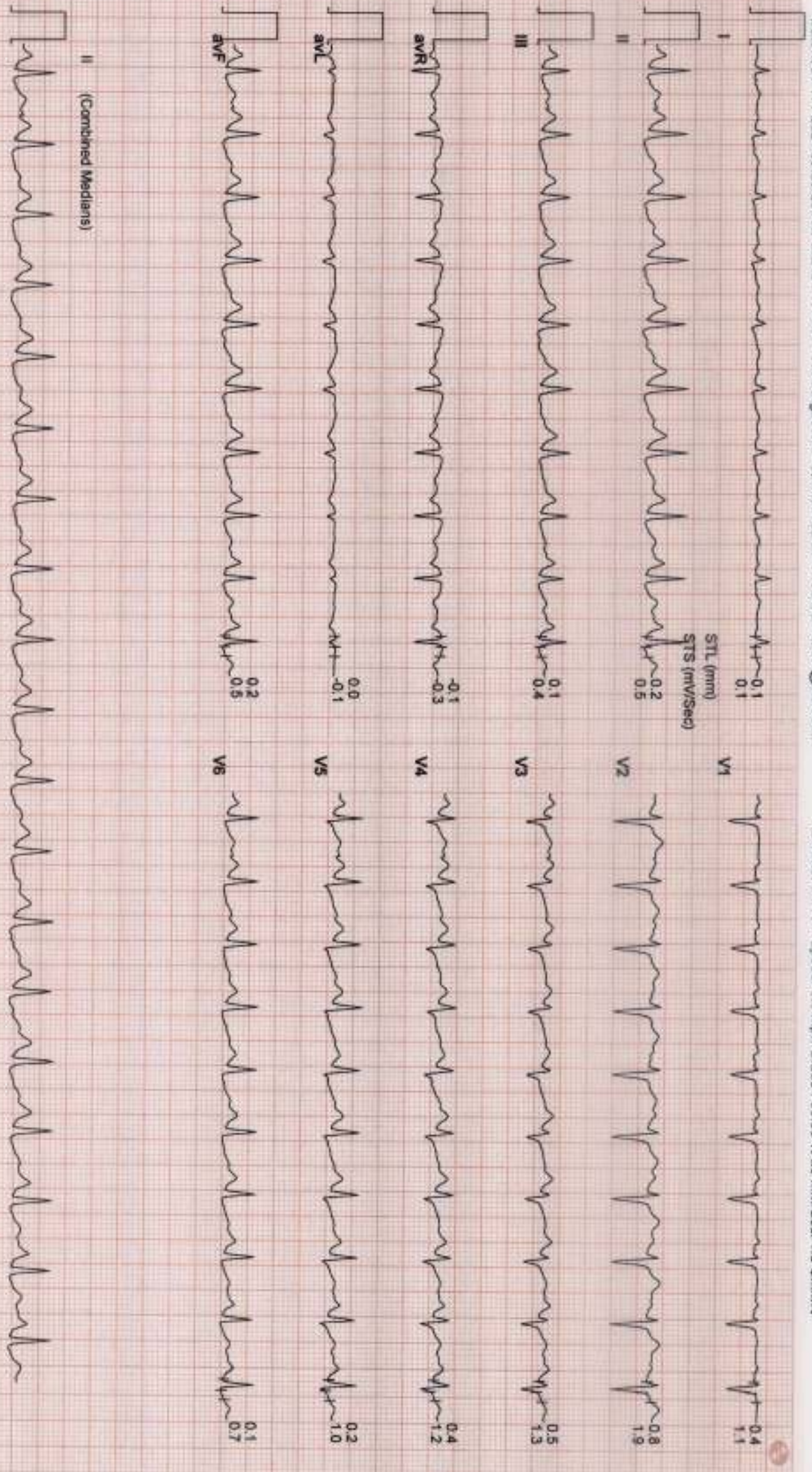
2802 / REMYA PRADEEP PILLAI / 35 Yrs / Female / 146 Cm / 63 Kg

6X2 Combine Medians + 1 Rhythm
Recovery : (01:00)



Date: 09 / 11 / 2024 09:03:29 AM METs : 1.1 HR : 116 Target HR : 63% of 186 BP : 150/80 Post J @80mSec

ExTime: 06:16 Speed: 0.0 mph Grade: 00.00 % 25 mm/Sec: 1.0 Cm/IV



SUBURBAN DIAGNOSTICS (THANE GB ROAD)

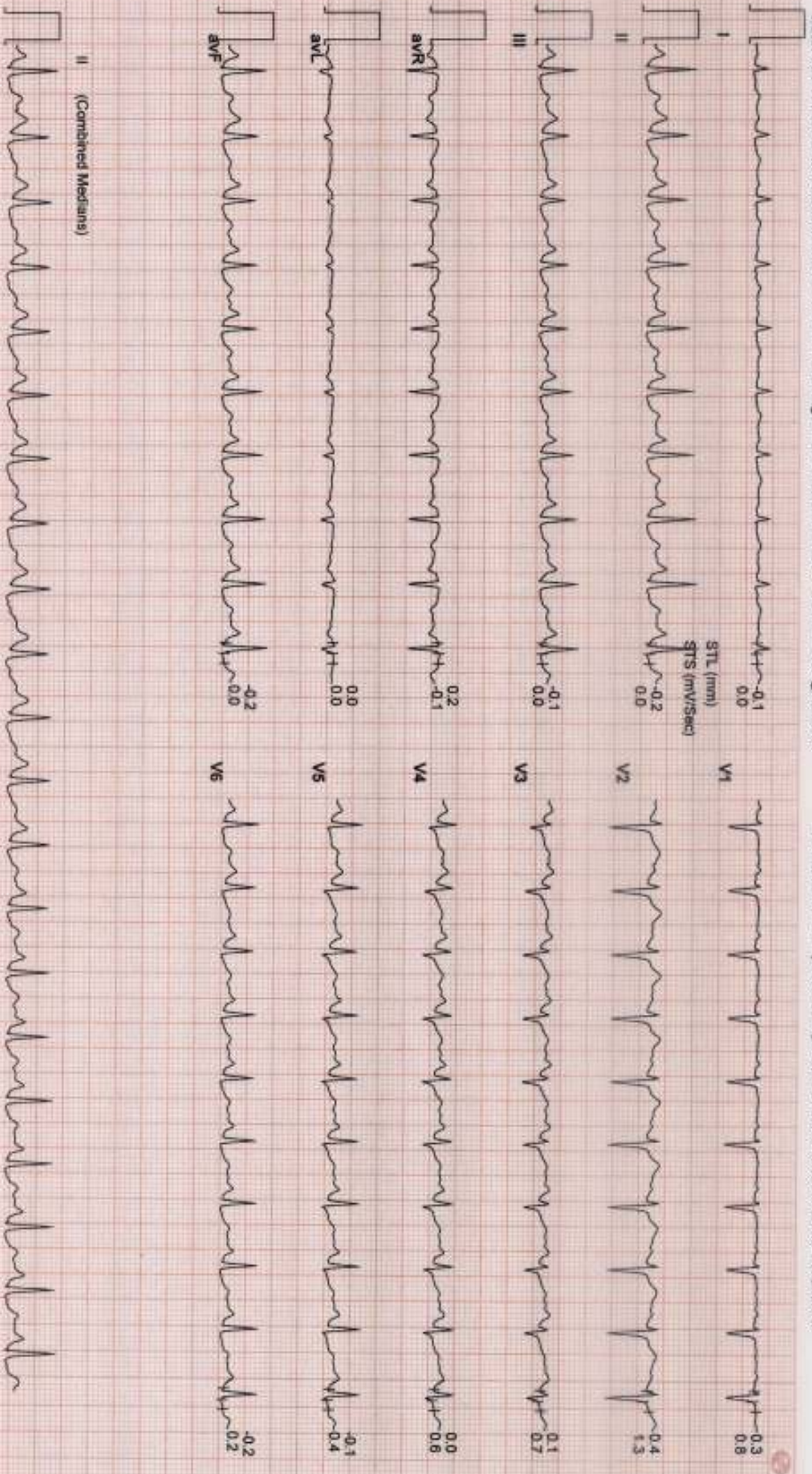
2802 / REMYA PRADEEP PILLAI / 35 Yrs / Female / 146 Cm / 63 Kg

6X2 Combine Medians + 1 Rhythm
Recovery : (02:00)



Date: 09 / 11 / 2024 09:03:29 AM METs : 1.0 HR : 125 Target HR : 68% of 185 BP : 150/80 Post J @somSec

ExTime: 06:16 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV



SUBURBAN DIAGNOSTICS (THANE GB ROAD)

2902 / REMYA PRADEEP PILLAI / 35 Yrs / Female / 146 Cm / 63 Kg

6X2 Combine Medians + 1 Rhythm
Recovery : (02:08)



Date: 09 / 11 / 2024 09:03:29 AM METs : 1.0 HR : 114 Target HR : 62% of 185 BP : 130/80 Post J @90mSec

ExTime: 06:18 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV

