

**PHYSICAL EXAMINATION REPORT**

Patient Name	Aryan Kumar	Sex/Age	M/35
Date	14/6/23.	Location	Thane

**History and Complaints**

C/O - Pain in Abdomen.  
H/O - Kidney stones (2012)

**EXAMINATION FINDINGS:**

Height (cms):	- 170	Temp (0c):	37
Weight (kg):	- 78	Skin:	NAD
Blood Pressure	130/80	Nails:	NAD
Pulse	72/min	Lymph Node:	NAD

**Systems :**

Cardiovascular:	NAD
Respiratory:	
Genitourinary:	
GI System:	
CNS:	

**Impression:**

USG: Cholelithiasis without cholecystitis  
Adv surgeon's opinion.  
TSM, Dy Lipidemia,  
Adv Physician consult. feet robust  
liver

**Dr. SHAILAJA PILLAI**  
M.D. (GEN.MED)  
R.NO. 49972

**Advice:**

1)	<b>Hypertension:</b>	
2)	<b>IHD</b>	
3)	<b>Arrhythmia</b>	
4)	<b>Diabetes Mellitus</b>	
5)	<b>Tuberculosis</b>	
6)	<b>Asthama</b>	Nil           H/O - Kidney stones (2012)           Nil
7)	<b>Pulmonary Disease</b>	
8)	<b>Thyroid/ Endocrine disorders</b>	
9)	<b>Nervous disorders</b>	
10)	<b>GI system</b>	
11)	<b>Genital urinary disorder</b>	
12)	<b>Rheumatic joint diseases or symptoms</b>	
13)	<b>Blood disease or disorder</b>	
14)	<b>Cancer/lump growth/cyst</b>	
15)	<b>Congenital disease</b>	
16)	<b>Surgeries</b>	
17)	<b>Musculoskeletal System</b>	

**PERSONAL HISTORY:**

1)	<b>Alcohol</b>	No - Mixed No
2)	<b>Smoking</b>	
3)	<b>Diet</b>	
4)	<b>Medication</b>	

Date:- 14/6/23  
Name:- Aryan Kumar

CID:  
Sex / Age: M 19/34

**EYE CHECK UP**

Chief complaints: Red

Systemic Diseases: Nil

Past history: All.

Unaided Vision: 32% XN/32 H1

Aided Vision:

Refraction:

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

Colour Vision: Normal / Abnormal Partial

Remark: Good Vision

MR. PRAKASH KUDVA  
SR. OPTOMETRIST



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CID : 2316509199  
Name : MR. ARYAN KUMAR  
Age / Gender : 35 Years / Male  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 14-Jun-2023 / 10:03  
Reported : 14-Jun-2023 / 14:36

**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

**CBC (Complete Blood Count), Blood**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<b><u>RBC PARAMETERS</u></b>			
Haemoglobin	14.2	13.0-17.0 g/dL	Spectrophotometric
RBC	4.44	4.5-5.5 mil/cmm	Elect. Impedance
PCV	42.7	40-50 %	Calculated
MCV	96.1	81-101 fl	Measured
MCH	32.0	27-32 pg	Calculated
MCHC	33.3	31.5-34.5 g/dL	Calculated
RDW	13.3	11.6-14.0 %	Calculated
<b><u>WBC PARAMETERS</u></b>			
WBC Total Count	5010	4000-10000 /cmm	Elect. Impedance
<b><u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u></b>			
Lymphocytes	36.4	20-40 %	
Absolute Lymphocytes	1823.6	1000-3000 /cmm	Calculated
Monocytes	5.9	2-10 %	
Absolute Monocytes	295.6	200-1000 /cmm	Calculated
Neutrophils	55.4	40-80 %	
Absolute Neutrophils	2775.5	2000-7000 /cmm	Calculated
Eosinophils	1.9	1-6 %	
Absolute Eosinophils	95.2	20-500 /cmm	Calculated
Basophils	0.4	0.1-2 %	
Absolute Basophils	20.0	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<b><u>PLATELET PARAMETERS</u></b>			
Platelet Count	155000	150000-410000 /cmm	Elect. Impedance
MPV	12.7	6-11 fl	Measured
PDW	29.9	11-18 %	Calculated
<b><u>RBC MORPHOLOGY</u></b>			
Hypochromia	-		
Microcytosis	-		



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

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 5 2-15 mm at 1 hr. Sedimentation

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab  
 \*\*\* End Of Report \*\*\*



*J. Thakker*

**Dr. JYOT THAKKER**  
 M.D. (PATH), DPB  
 Pathologist and AVP( Medical  
 Services)



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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	107.2	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	123.5	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.29	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.16	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.13	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.7	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.3	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.9	1 - 2	Calculated
SGOT (AST), Serum	28.6	5-40 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	43.9	5-45 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	18.0	3-60 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	91.9	40-130 U/L	PNPP
BLOOD UREA, Serum	18.9	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	8.8	6-20 mg/dl	Calculated
CREATININE, Serum	0.98	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	93	>60 ml/min/1.73sqm	Calculated



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Reported : 14-Jun-2023 / 16:46

Note: eGFR estimation is calculated using MDRD (Modification of diet in renal disease study group) equation

URIC ACID, Serum	4.1	3.5-7.2 mg/dl	Uricase
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
Urine Sugar (PP)	Absent	Absent	
Urine Ketones (PP)	Absent	Absent	

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

AREAS OF SPECIAL EXPERTISE

OUR PRESENCE



*J. 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	5.3	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	105.4	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 2 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.

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

\*\*\* End Of Report \*\*\*



*J. Mujawar*

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Pathologist





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Reported : 14-Jun-2023 / 14:07

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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**  
**URINE EXAMINATION REPORT**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<b>PHYSICAL EXAMINATION</b>			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Acidic (6.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.020	1.010-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	50	-	-
<b>CHEMICAL EXAMINATION</b>			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
<b>MICROSCOPIC EXAMINATION</b>			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	2-3		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	3-4	Less than 20/hpf	

Interpretation: The concentration values of Chemical analytes corresponding to the grading given in the report are as follows:

- Protein:(1+ -25 mg/dl, 2+ -75 mg/dl, 3+ - 150 mg/dl, 4+ - 500 mg/dl)
- Glucose:(1+ - 50 mg/dl, 2+ -100 mg/dl, 3+ -300 mg/dl,4+ -1000 mg/dl)
- Ketone:(1+ -5 mg/dl, 2+ -15 mg/dl, 3+ - 50 mg/dl, 4+ - 150 mg/dl)

Reference: Pack insert

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

\*\*\* End Of Report \*\*\*



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

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	B
Rh TYPING	Positive

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

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

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\*\*\* End Of Report \*\*\*



*J. Thakker*

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**Pathologist and AVP( Medical Services)**



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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**  
**LIPID PROFILE**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	171.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	136.2	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	39.1	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	131.9	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	105.0	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	26.9	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.7	0-3.5 Ratio	Calculated

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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**  
**THYROID FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Free T3, Serum	4.6	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	14.5	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	10.64	0.35-5.5 microIU/ml mIU/ml	ECLIA

Kindly correlate clinically.



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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 upto 15 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 6 pm and 10 pm. The variation is on the order of 50 to 206%. 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 atleast 8 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. Koulouri 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 - Callum G Fraser (AACC Press)

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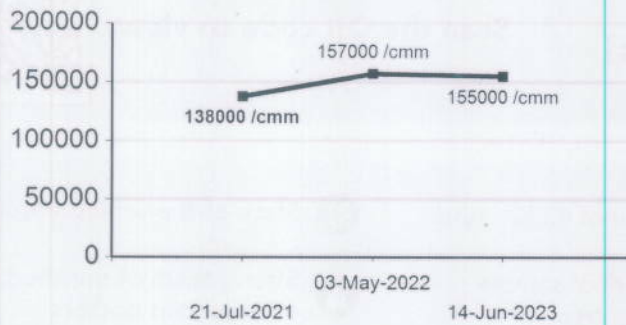
**Haemoglobin**



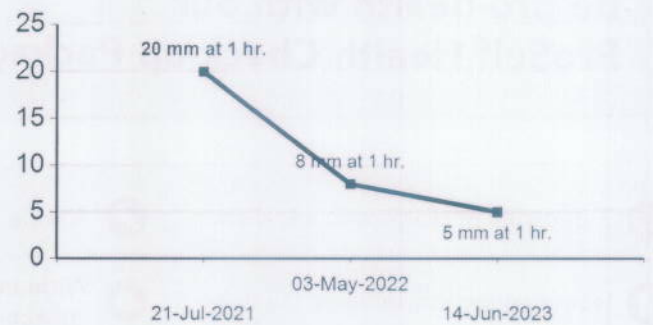
**WBC Total Count**



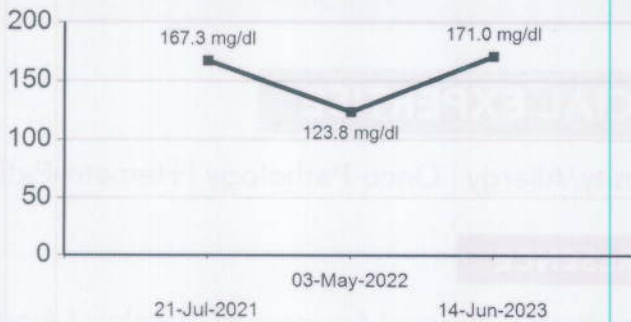
**Platelet Count**



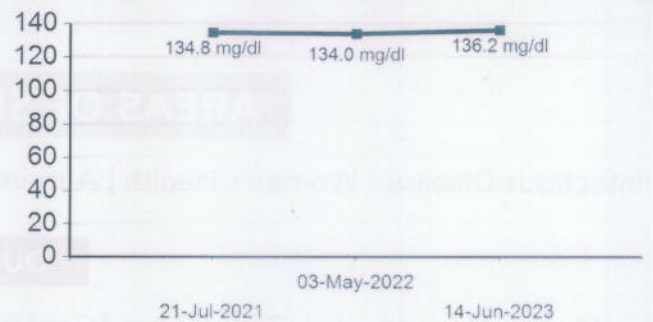
**ESR**



**CHOLESTEROL**



**TRIGLYCERIDES**

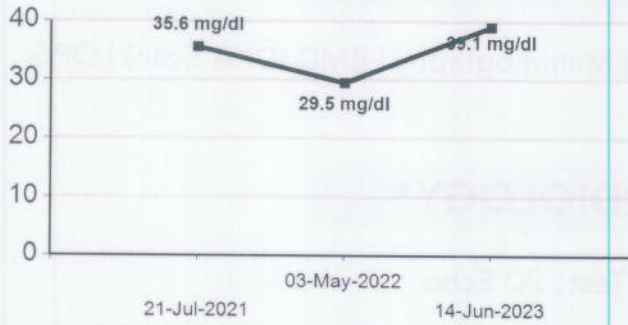




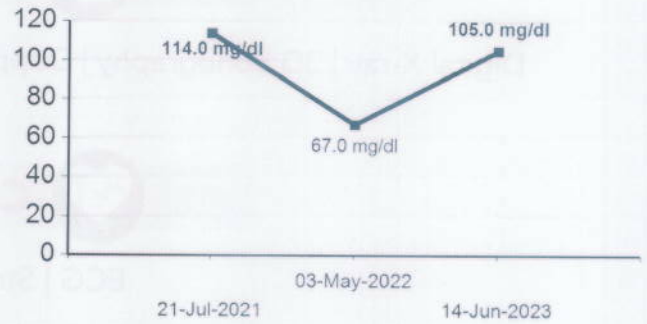
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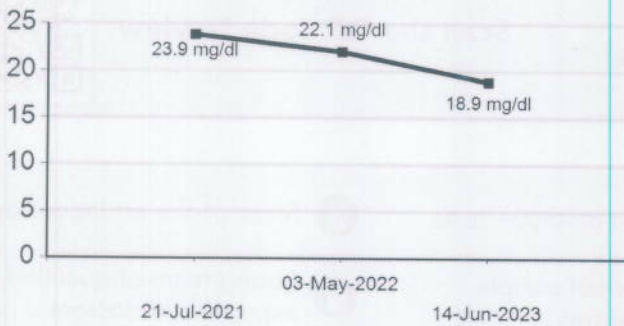
**HDL CHOLESTEROL**



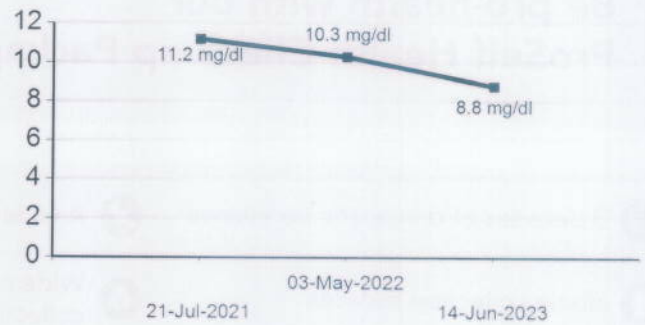
**LDL CHOLESTEROL**



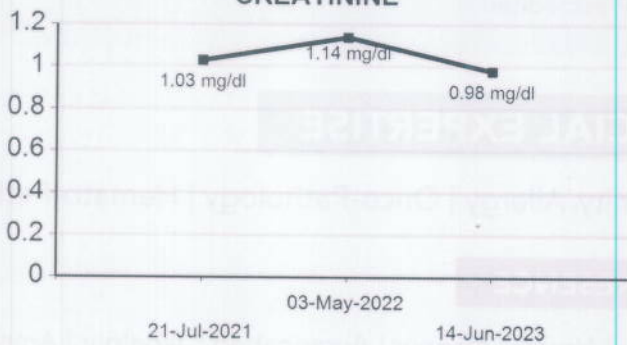
**BLOOD UREA**



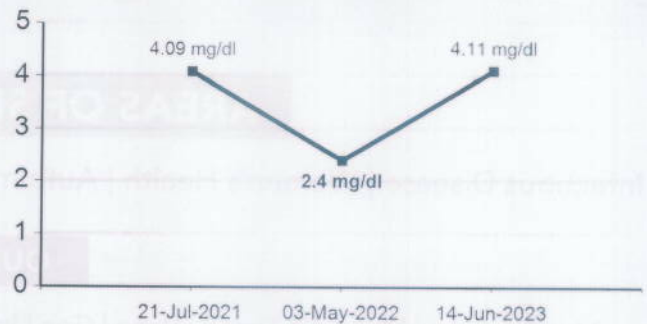
**BUN**



**CREATININE**



**URIC ACID**



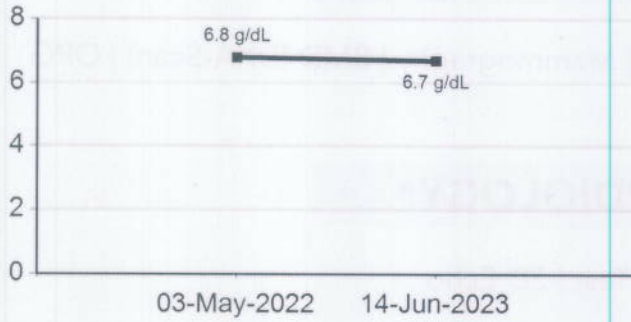
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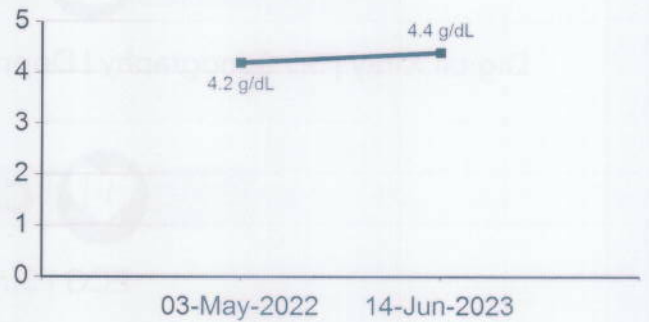
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**TOTAL PROTEINS**



**ALBUMIN**



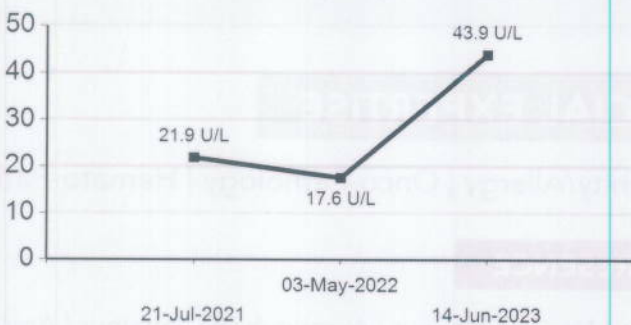
**GLOBULIN**



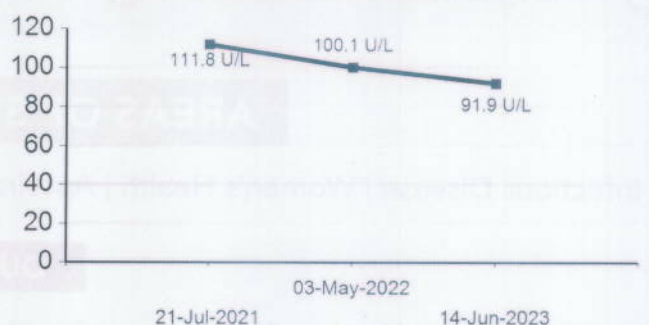
**SGOT (AST)**



**SGPT (ALT)**



**ALKALINE PHOSPHATASE**



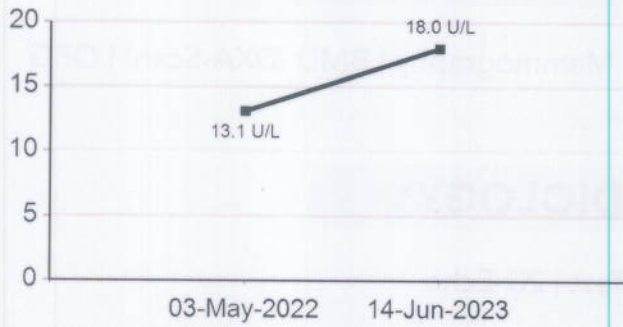




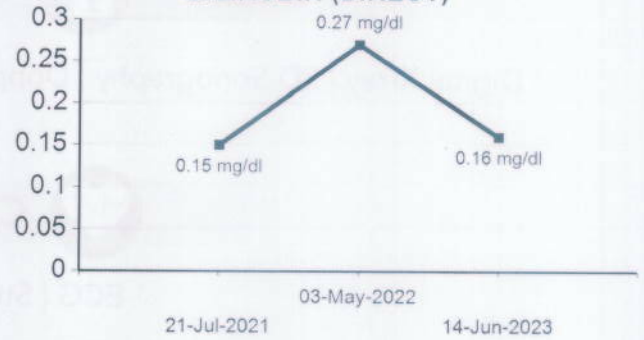
Use a QR Code Scanner Application To Scan the Code

CID : 2316509199  
Name : MR. ARYAN KUMAR  
Age / Gender : 35 Years / Male  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

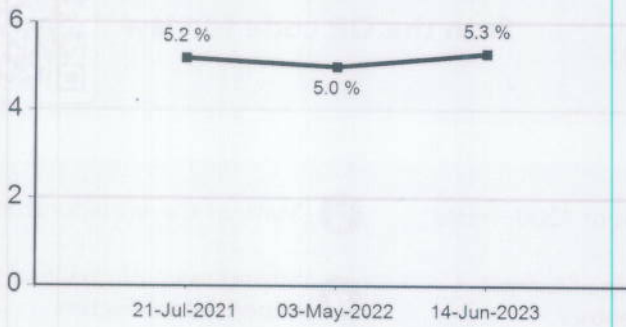
**GAMMA GT**



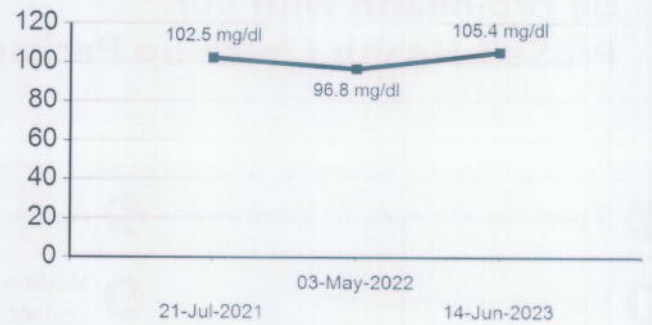
**BILIRUBIN (DIRECT)**



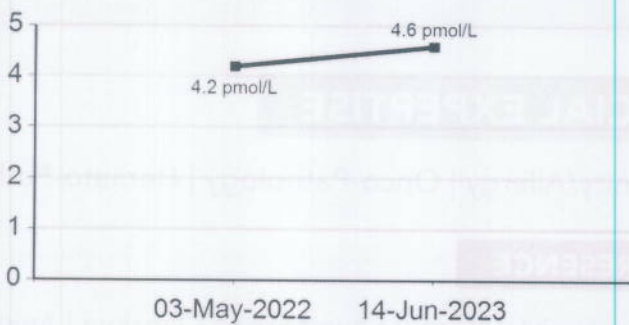
**Glycosylated Hemoglobin (HbA1c)**



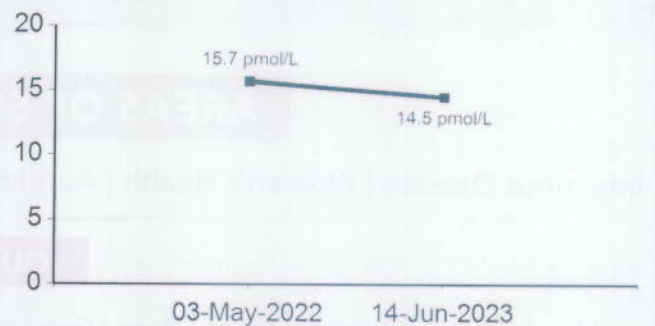
**Estimated Average Glucose (eAG)**



**Free T3**



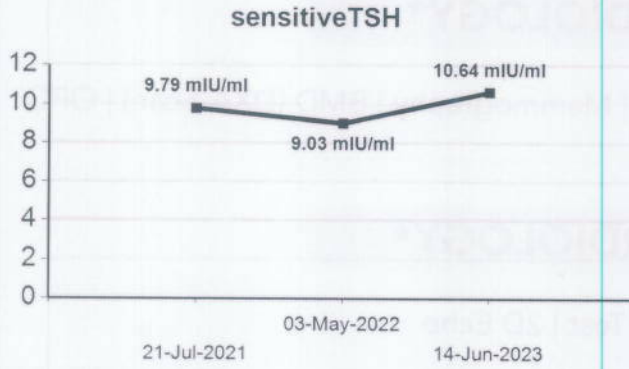
**Free T4**





Use a QR Code Scanner  
Application To Scan the Code

CID : 2316509199  
Name : MR. ARYAN KUMAR  
Age / Gender : 35 Years / Male  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)



Authenticity Check



Use a QR Code Scanner  
Application To Scan the Code

**CID** : 2316509199  
**Name** : Mr ARYAN KUMAR  
**Age / Sex** : 35 Years/Male  
**Ref. Dr** :  
**Reg. Location** : G B Road, Thane West Main Centre  
**Reg. Date** : 14-Jun-2023  
**Reported** : 14-Jun-2023 / 14:38

**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 -2014/04/1786  
Consultant Radiologist

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023061409581501>



Use a QR Code Scanner  
Application To Scan the Code

**CID** : 2316509199  
**Name** : Mr ARYAN KUMAR  
**Age / Sex** : 35 Years/Male  
**Ref. Dr** :  
**Reg. Location** : G B Road, Thane West Main Centre  
**Reg. Date** : 14-Jun-2023  
**Reported** : 14-Jun-2023 / 11:05

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### USG WHOLE ABDOMEN

#### EXCESSIVE BOWEL GAS:

**LIVER:** Liver appears normal in size and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any focal lesion.

**GALL BLADDER:** Gall bladder is distended , shows echogenic lesion measuring 8 mm at neck showing minimal movement s/o calculus. Wall thickness is within normal limits. No peri-cholecystic collection seen in present scan.

**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 9.5 x 3.8 cm. Left kidney measures 9.2 x 4.3 cm. Both kidneys are normal in shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.

**SPLEEN:** Spleen is normal in size, shape and echotexture. No focal lesion is seen.

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

**PROSTATE:** Prostate is normal in size and echotexture . No evidence of any focal lesion. Median lobe does not show significant hypertrophy.

No free fluid or significant lymphadenopathy is seen.

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023061409581490>

Page no 1 of 2



CID : 2316509199  
Name : Mr ARYAN KUMAR  
Age / Sex : 35 Years/Male  
Ref. Dr :  
Reg. Location : G B Road, Thane West Main Centre

Reg. Date : 14-Jun-2023  
Reported : 14-Jun-2023 / 11:05

Use a QR Code Scanner  
Application To Scan the Code

**IMPRESSION:**

- **CHOLELITHIASIS WITHOUT CHOLECYSTITIS.**

**Advice: Clinical co-relation sos further evaluation and follow up.**

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.

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

**Dr Gauri Varma**  
**Consultant Radiologist**  
**MBBS / DMRE**  
**MMC- 2007/12/4113**

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023061409581490>

# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

Report



Email:

1161 (2316509199) / ARYAN KUMAR / 35 Yrs / M / 170 Cms / 78 Kg  
Date: 14 / 06 / 2023 11:34:48 AM

Stage	Time	Duration	Speed(mph)	Elevation	METs	Rate	%THR	BP	RPP	PVC	Comments
Supine	00:11	0:11	00.0	00.0	01.0	077	42%	120/80	092	00	
Standing	00:20	0:09	00.0	00.0	01.0	077	42%	120/80	092	00	
HV	00:30	0:10	00.0	00.0	01.0	077	42%	120/80	092	00	
ExStart	00:40	0:10	00.0	00.0	01.0	078	42%	120/80	093	00	
BRUCE Stage 1	03:40	3:00	01.7	10.0	04.7	106	57%	130/80	137	00	
BRUCE Stage 2	06:40	3:00	02.5	12.0	07.1	127	69%	140/80	177	00	
BRUCE Stage 3	09:40	3:00	03.4	14.0	10.2	146	79%	150/80	219	00	
PeakEx	10:10	0:30	04.2	16.0	10.8	157	85%	160/80	251	00	
Recovery	11:10	1:00	00.0	00.0	04.2	133	72%	160/80	212	00	
Recovery	12:10	2:00	00.0	00.0	01.0	108	58%	160/80	172	00	
Recovery	14:10	4:00	00.0	00.0	01.0	098	53%	130/80	127	00	
Recovery	14:24	4:15	00.0	00.0	01.0	097	52%	130/80	126	00	

**FINDINGS :**

Exercise Time : 09:30  
 Initial HR (ExStrt) : 78 bpm 42% of Target 185  
 Initial BP (ExStrt) : 120/80 (mm/Hg)  
 Max Workload Attained : 10.8 Good response to induced stress  
 Max ST Dep Lead & Avg ST Value : V4 & -4.4 mm in Recovery  
 Test End Reasons : , Fatigue, Heart Rate Achieved

Max HR Attained 157 bpm 85% of Target 185  
 Max BP Attained 160/80 (mm/Hg)

**Dr. SHAILAJA PILLAI**  
 M.D. (GEN.MED)  
 R.NO. 49972

Doctor : DR SHAILAJA PILLAI



EMail: 161/ARRYAN KUMAR / 35 Yrs / M / 170 Cms / 78 Kg Date: 14 / 06 / 2023 11:34:48 AM

REPORT :


**PROCEDURE DONE:** Graded exercise treadmill stress test.

**STRESS ECG RESULTS:** The initial HR was recorded as 77.0 bpm, and the maximum predicted Target Heart Rate 185.0. The BP increased at the time of generating report as 160.0/80.0 mmHg. The Max Dep went upto 0.2. 0.0 Ectopic Beats were observed during the Test. The Test was completed because of , Fatigue, Heart Rate Achieved.

**CONCLUSIONS:**

1. TMT is negative for exercise induced ischemia.
2. Normal chronotropic and Normal inotropic response.
3. No significant ST T changes seen.

Doctor : DR SHAILAJA PILLAI

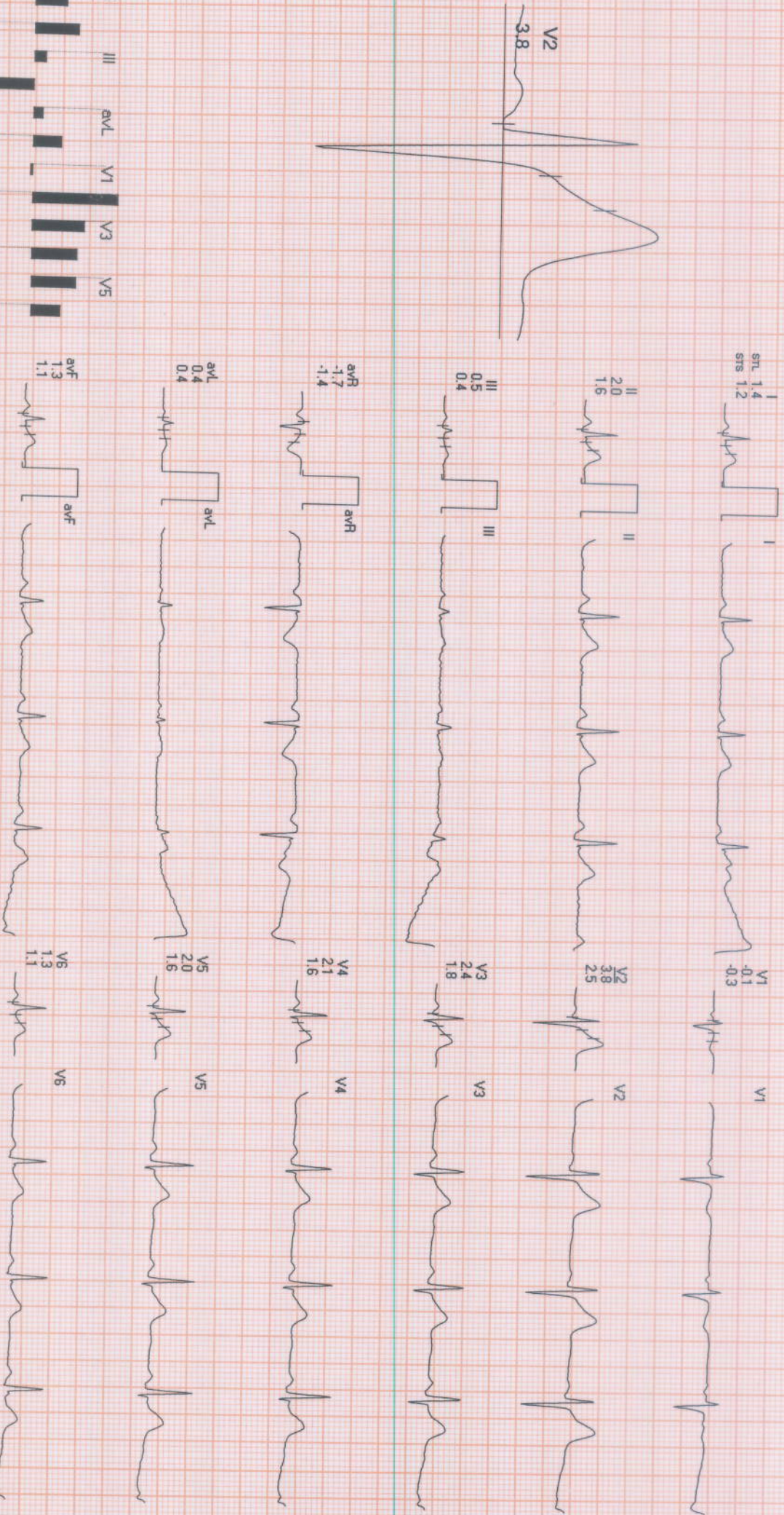
  
Dr. SHAILAJA PILLAI  
M.D. (GEN.MED)

R.NO. 49972

Date: 14/06/2023 11:34:48 AM METS: 1.0/77 bpm 42% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

EXTime: 00:00 0.0 mph, 0.0%  
25 mm/Sec. 1.0 Cm/mV

4X 80 ms Post J



REMARKS:





**SUBRRBAN DIAGNOSTICS (THANE GB ROAD)**

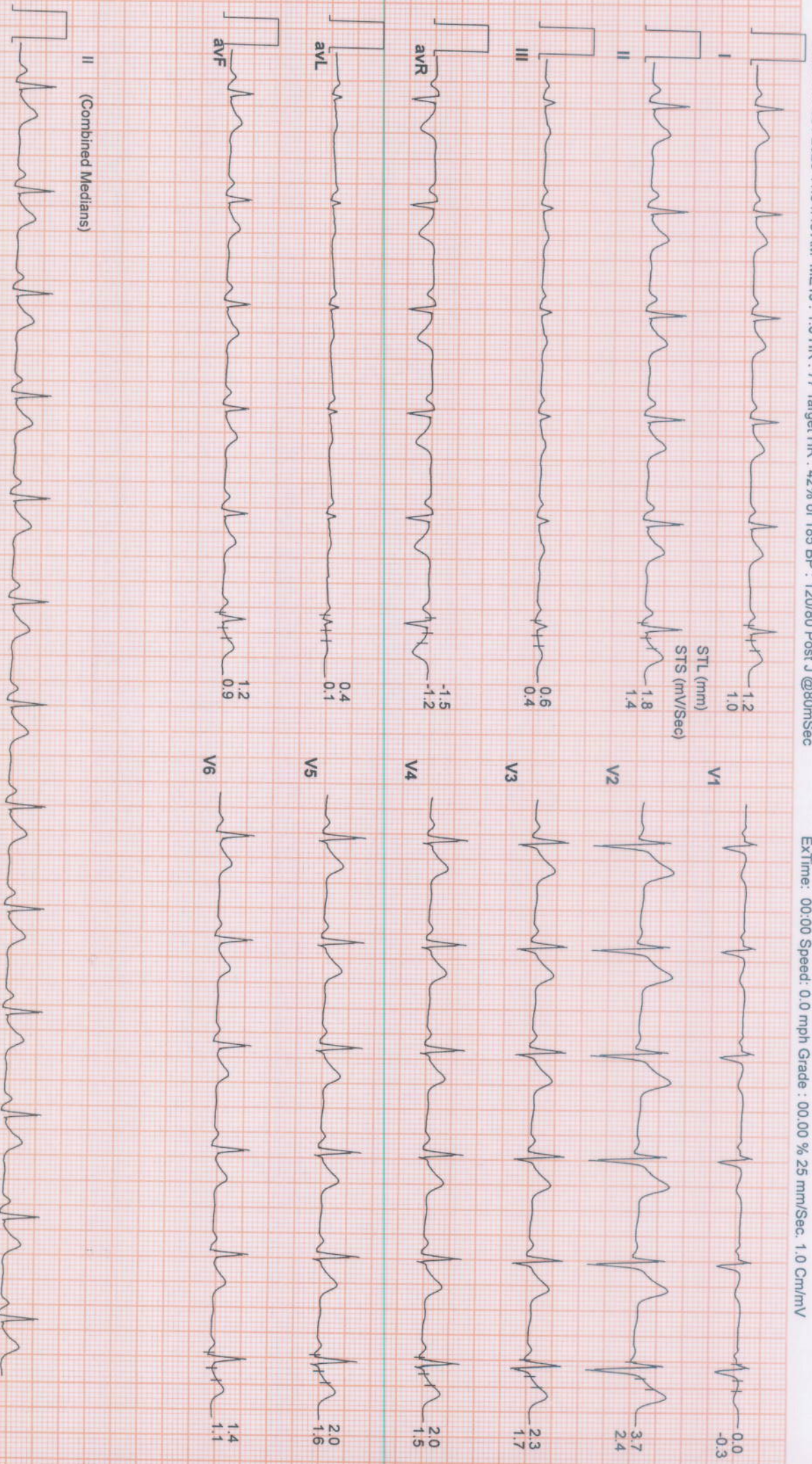
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

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



Date: 14 / 06 / 2023 11:34:48 AM METs : 1.0 HR : 77 Target HR : 42% of 185 BP : 120/80 Post J @80mSec

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



**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

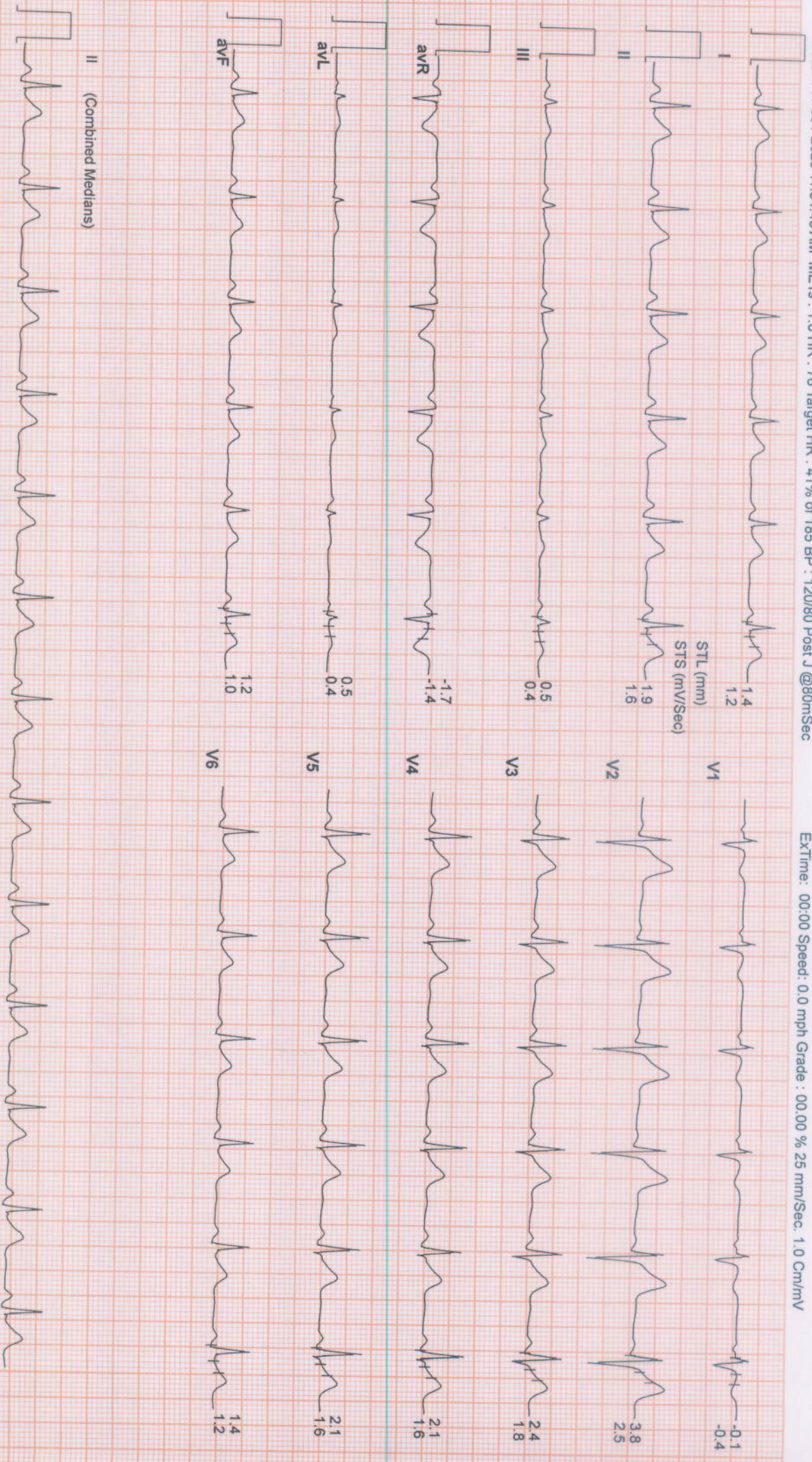
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

**6X2 Combine Medians + 1 Rhythm**  
HV ( 00:00 )



Date: 14 / 06 / 2023 11:34:48 AM METs : 1.0 HR : 76 Target HR : 41% of 185 BP : 120/80 Post J @80mSec

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



# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

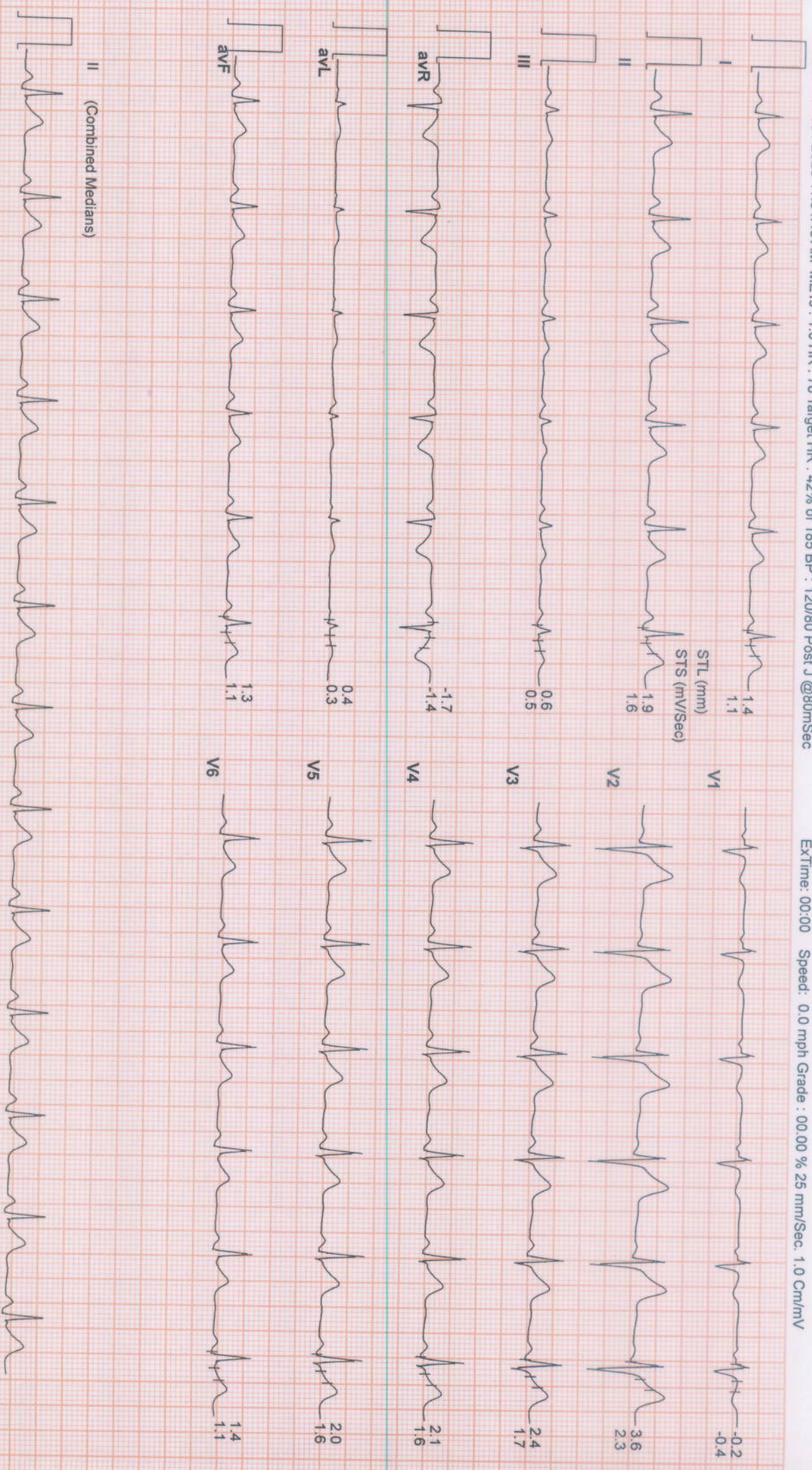
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

6X2 Combine Medians + 1 Rhythm  
ExStt



Date: 14 / 06 / 2023 11:34:48 AM METs : 1.0 HR : 78 Target HR : 42% of 185 BP : 120/80 Post J @80mSec

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



**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

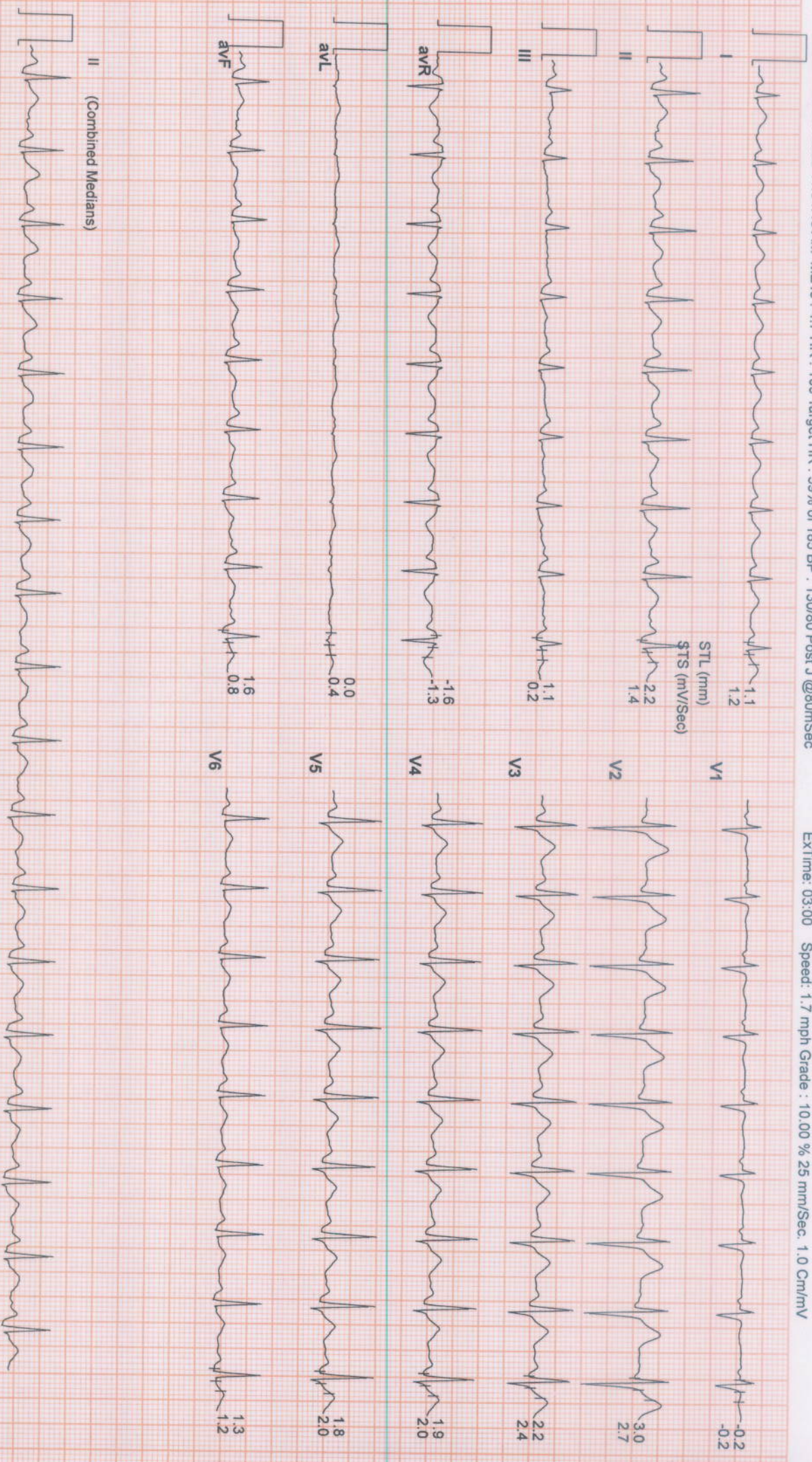
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

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



Date: 14 / 06 / 2023 11:34:48 AM METs : 4.7 HR : 109 Target HR : 59% of 185 BP : 130/80 Post J @80msSec

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



**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

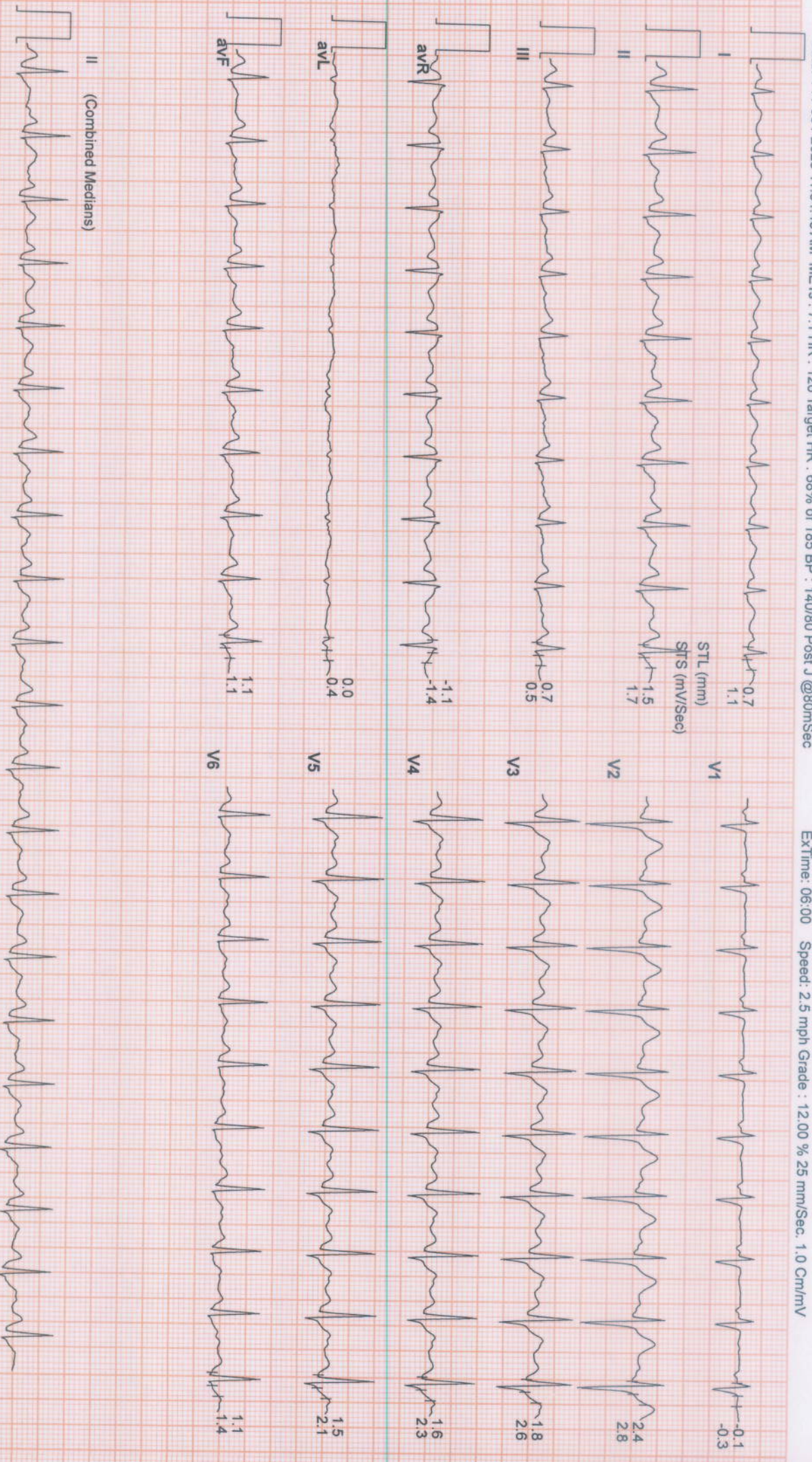
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

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



Date: 14 / 06 / 2023 11:34:48 AM METs : 7.1 HR : 126 Target HR : 68% of 185 BP : 140/80 Post J @80mSec

ExTime: 06:00 Speed: 2.5 mph Grade : 12.00 % 25 mm/Sec. 1.0 Cm/mV



**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

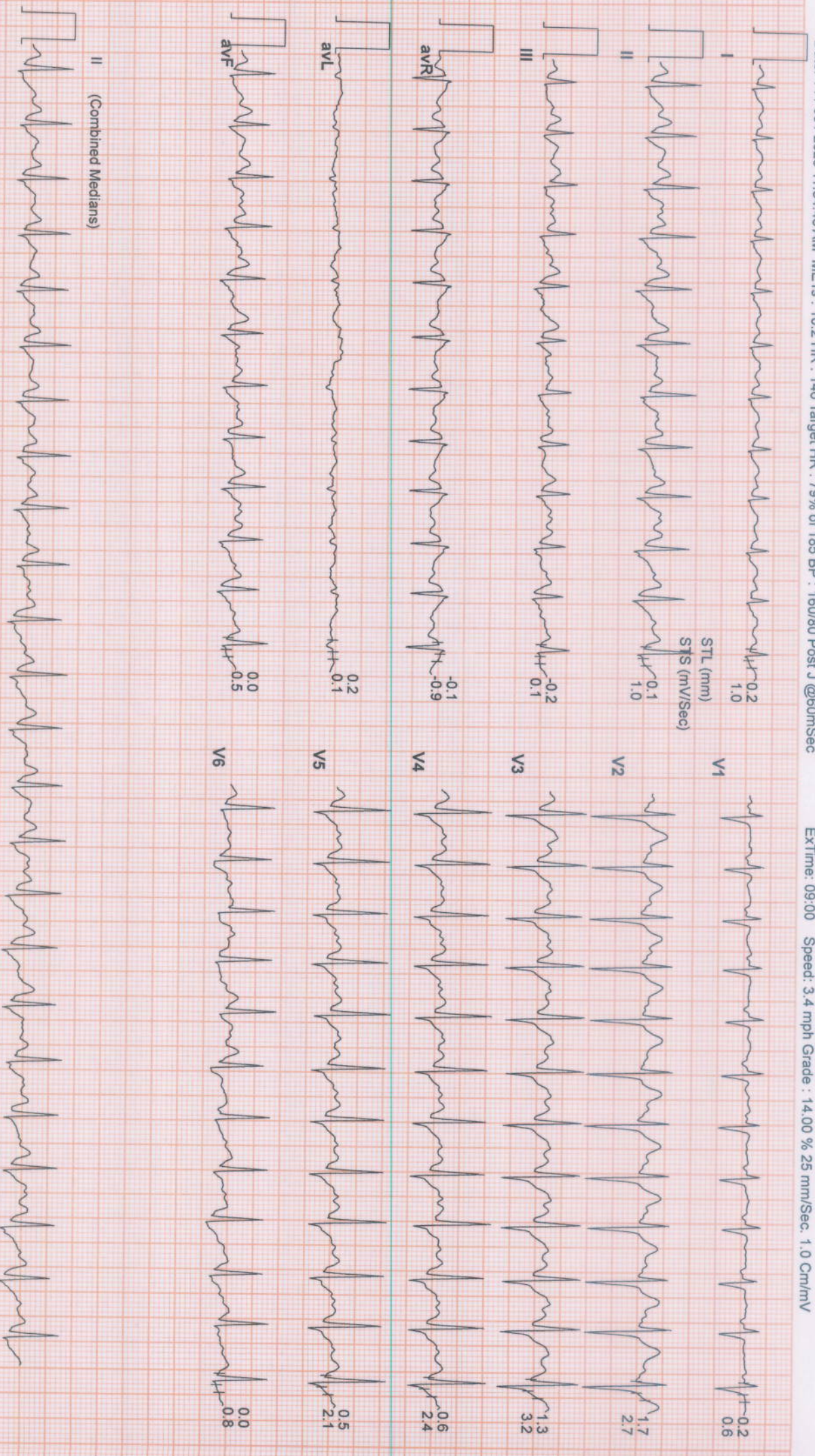
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

**6X2 Combine Medians + 1 Rhythm**  
BRUCE : Stage 3 ( 03:00 )



Date: 14 / 06 / 2023 11:34:48 AM METs : 10.2 HR : 146 Target HR : 79% of 185 BP : 160/80 Post J @60mSec

ExTime: 09:00 Speed: 3.4 mph Grade : 14.00 % 25 mm/Sec. 1.0 Cm/mV



**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

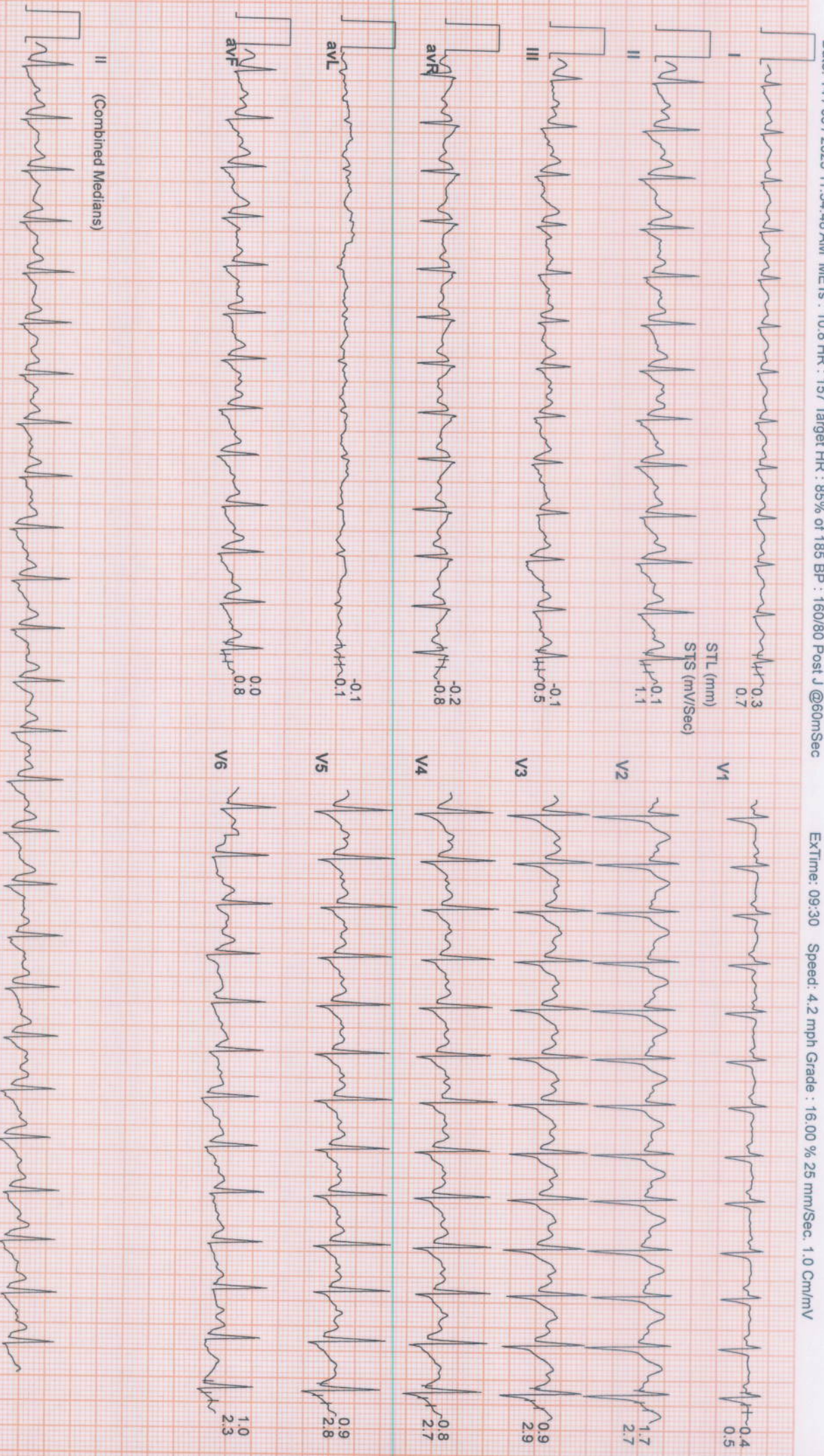
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

**6X2 Combine Medians + 1 Rhythm**  
PeakEx



Date: 14 / 06 / 2023 11:34:48 AM METs : 10.8 HR : 157 Target HR : 85% of 185 BP : 160/80 Post J @60mSec

ExTime: 09:30 Speed: 4.2 mph Grade : 16.00 % 25 mm/Sec. 1.0 Cm/mV



# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

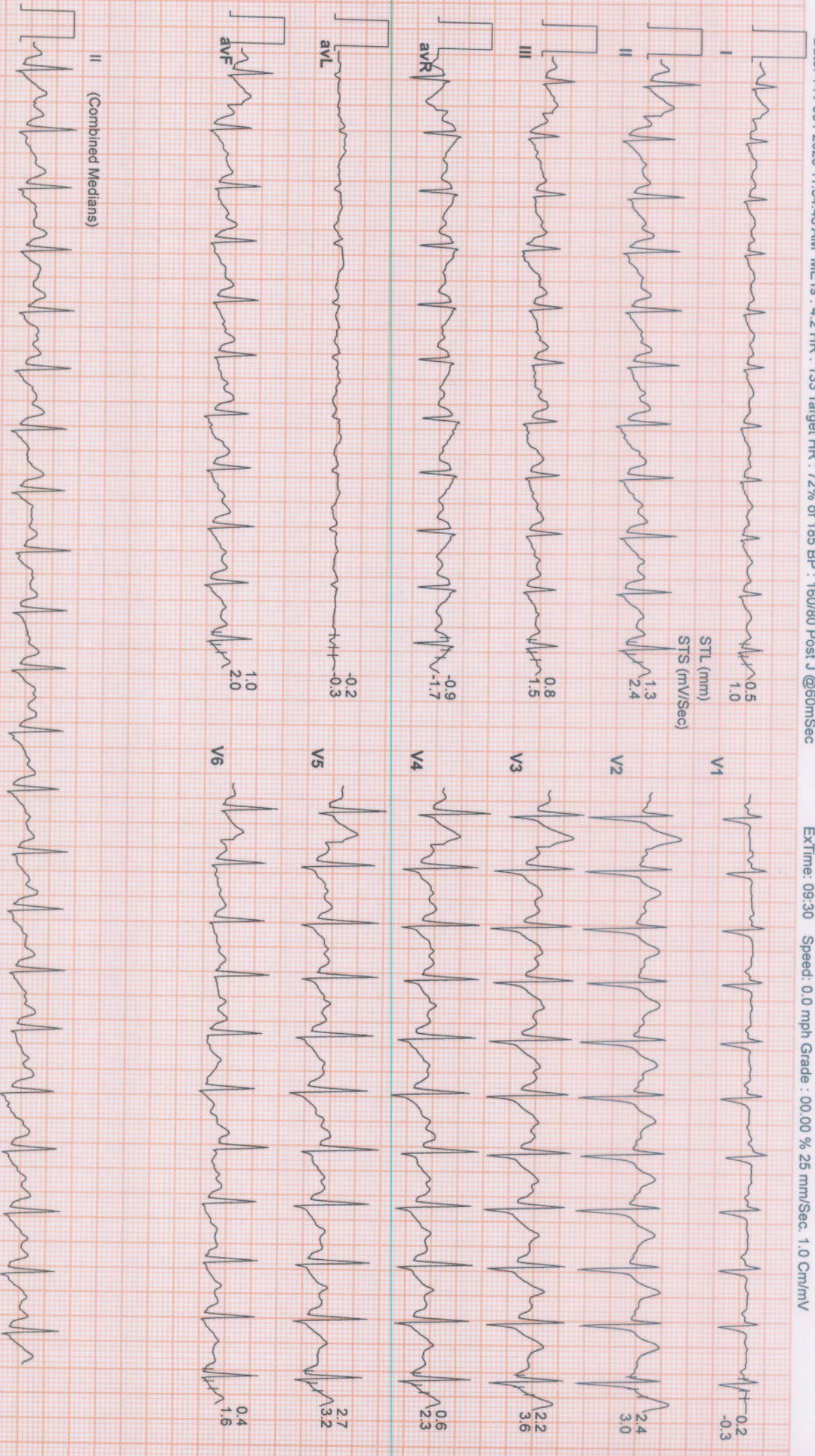
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

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



Date: 14 / 06 / 2023 11:34:48 AM METs : 4.2 HR : 133 Target HR : 72% of 185 BP : 160/80 Post J @60mSec

ExTime: 09:30 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV





**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

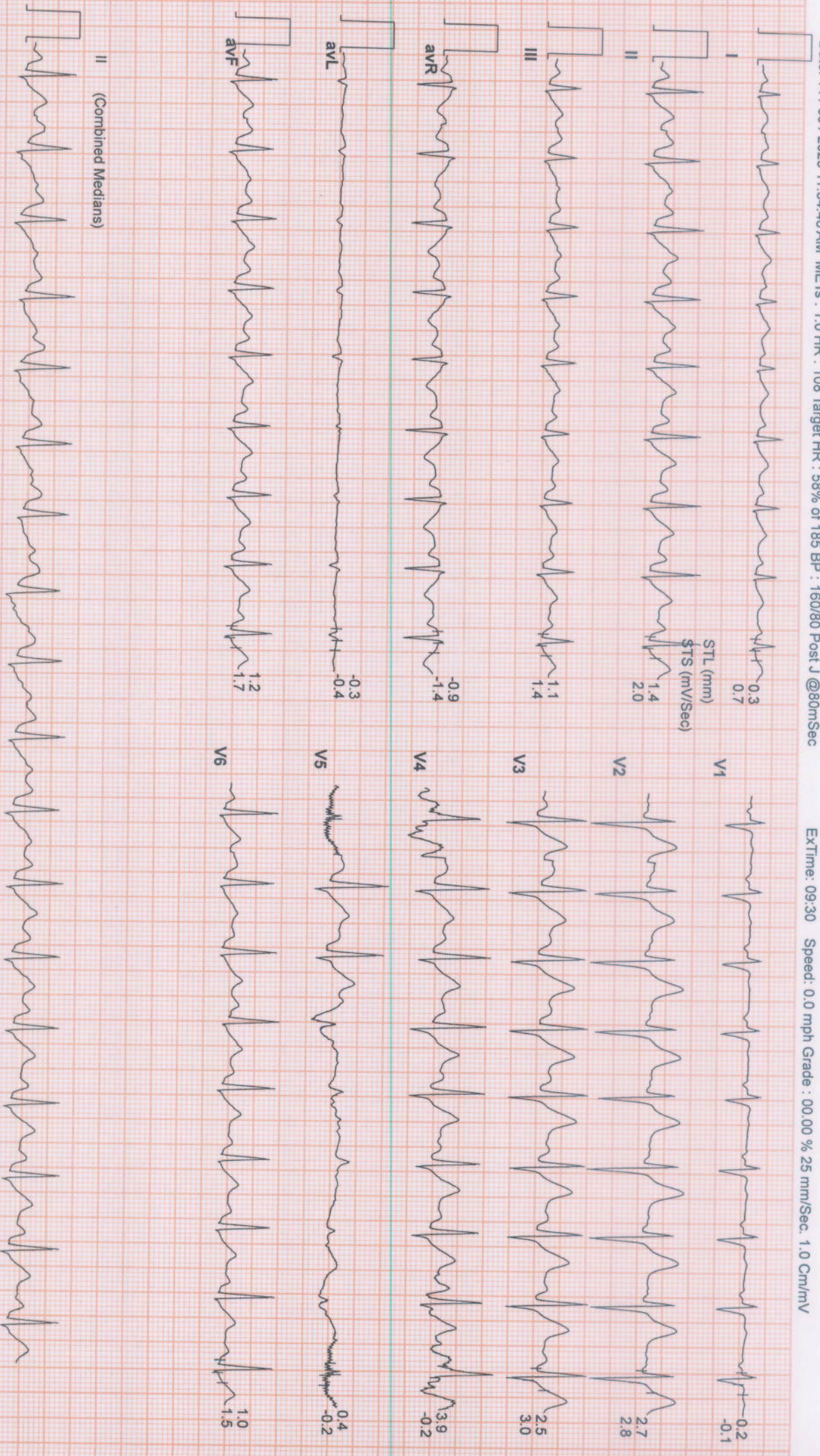
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

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



Date: 14 / 06 / 2023 11:34:48 AM METs : 1.0 HR : 108 Target HR : 58% of 185 BP : 160/80 Post J @80mSec

ExtTime: 09:30 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mv



STL (mm)  
0.3  
0.7

STS (mV/Sec)  
1.4  
1.4  
2.0

-0.3  
-0.4

1.2  
1.7

-0.9  
-1.4

1.1  
1.4

-0.2  
-0.1

2.7  
2.8

2.5  
3.0

3.9  
-0.2

0.4  
-0.2

1.0  
1.5

II  
(Combined Medians)



**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

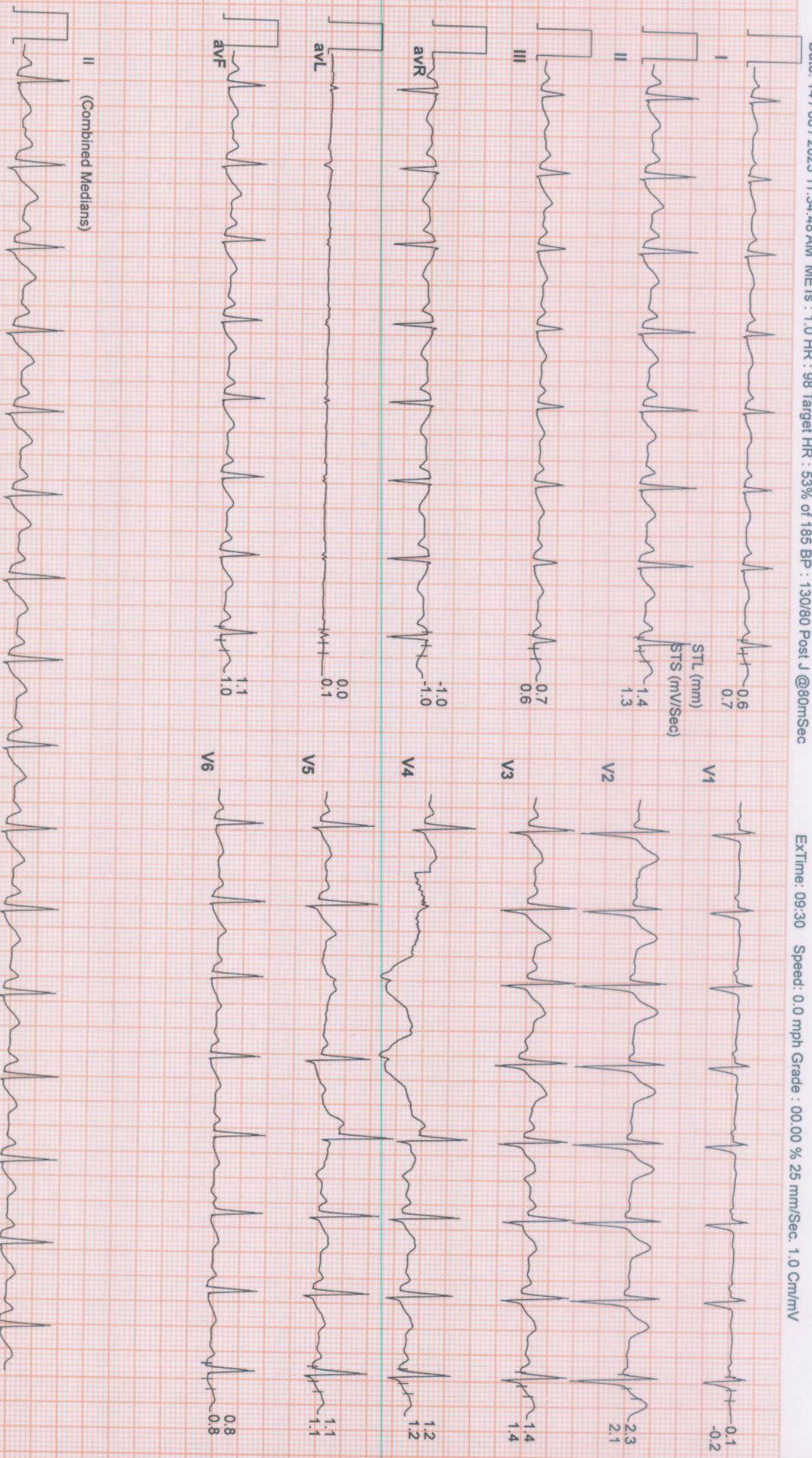
1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

**6X2 Combine Medians + 1 Rhythm**  
Recovery : ( 04:00 )



Date: 14 / 06 / 2023 11:34:48 AM METs : 1.0 HR : 98 Target HR : 53% of 185 BP : 130/80 Post J @80mSec

ExTime: 09:30 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV



**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

1161 / ARYAN KUMAR / 35 Yrs / Male / 170 Cm / 78 Kg

**6X2 Combine Medians + 1 Rhythm**  
Recovery : ( 04:14 )



Date: 14 / 06 / 2023 11:34:48 AM METs : 1.0 HR : 97 Target HR : 52% of 185 BP : 130/80 Post J @80mSec

ExTime: 09:30 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV

