

**PHYSICAL EXAMINATION REPORT**

Patient Name	Aishwarya Chauhan	Sex/Age	f   29
Date	11/11/23	Location	Thane

**History and Complaints**

NO

**EXAMINATION FINDINGS:**

Height (cms):	162	Temp (0c):	Afev
Weight (kg):	64.4	Skin:	NAD
Blood Pressure	104/76 mmHg	Nails:	HL
Pulse	76/—	Lymph Node:	NP

**Systems :**

Cardiovascular:

Respiratory:

Genitourinary:

GI System:

CNS:

Impression: 1) Sys (10/11/23) 2) RARELY LIVER

NAD

Advice: *to follow up with family physician*

1)	Hypertension:	
2)	IHD	
3)	Arrhythmia	
4)	Diabetes Mellitus	
5)	Tuberculosis	
6)	Asthama	
7)	Pulmonary Disease	
8)	Thyroid/ Endocrine disorders	
9)	Nervous disorders	NO
10)	GI system	NAD
11)	Genital urinary disorder	
12)	Rheumatic joint diseases or symptoms	
13)	Blood disease or disorder	NO
14)	Cancer/lump growth/cyst	
15)	Congenital disease	
16)	Surgeries	→ Sinusitis in Oct 2020
17)	Musculoskeletal System	NAD

**PERSONAL HISTORY:**

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

Date:- 21/11/27

CID: 2331520112

Name:- Arshwarya Chauhan

Sex / Age: F / 29

**EYE CHECK UP**

Chief complaints: RCD

Systemic Diseases: N.Y

Past history: Nil

Unaided Vision: 32/60 HUBU/H6

Aided Vision:

Refraction:

(Right Eye)

(Left Eye)

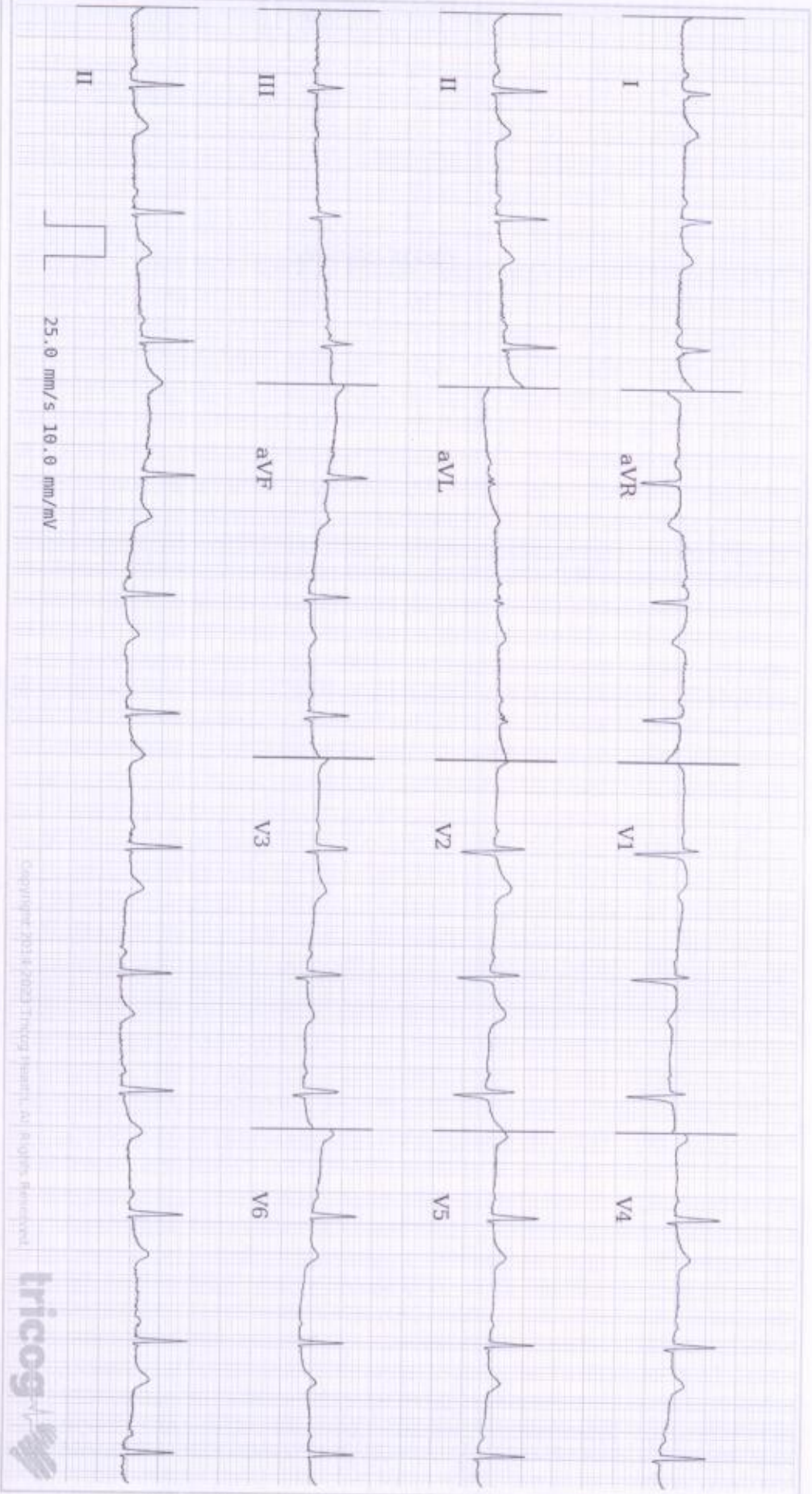
	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance								
Near								

Colour Vision: Normal / Abnormal

Remark: Good Vision.

**MR. PRAKASH KUDVA**  
*[Signature]*  
**SR. OPTOMETRIST**





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Age **28** NA NA  
years months days

Gender **Female**

Heart Rate **74bpm**

Patient Vitals

BP: **104/76 mmHg**

Weight: **64 kg**

Height: **162 cm**

Pulse: **NA**

Spo2: **NA**

Resp: **NA**

Others:

**Measurements**

QRSD: **72ms**

QT: **380ms**

QTcB: **421ms**

PR: **130ms**

P-R-T: **29° 53° 35°**

**ECG Within Normal Limits: Sinus Rhythm. Please correlate clinically.**

REPORTED BY

**DR SITALATA PILLAI**  
MBBS, MD Physician  
SMD Physician  
49972

Disclaimer: I, Analyze on this report is based on ECG alone and should be used in conjunction with clinical history, symptoms, and results of other sensitive and non-invasive tests and must be interpreted by a qualified physician. All Patient records are protected by the physician and are derived from the PACE.



# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

Email:

Report



186 (233152162) / AISHWARYA CHAUHAN / 28 Yrs / F / 162 Cms / 64 Kg  
Date: 11 / 11 / 2023 11:10:53 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	097	51 %	120/80	116	00	
Standing	00:21	0:10	00.0	00.0	01.0	100	52 %	120/80	120	00	
HV	00:31	0:10	00.0	00.0	01.0	102	53 %	120/80	122	00	
ExStart	00:41	0:10	00.0	00.0	01.0	104	54 %	120/80	124	00	
BRUCE Stage 1	03:41	3:00	01.7	10.0	04.7	129	67 %	130/80	167	00	
BRUCE Stage 2	06:41	3:00	02.5	12.0	07.1	153	80 %	140/80	214	00	
PeakEx	07:17	0:36	03.4	14.0	07.7	165	86 %	150/80	247	00	
Recovery	08:17	1:00	00.0	00.0	01.1	120	62 %	150/80	180	00	
Recovery	09:17	2:00	00.0	00.0	01.0	106	55 %	150/80	158	00	
Recovery	10:17	3:00	00.0	00.0	01.0	110	57 %	150/80	165	00	
Recovery	11:17	4:00	00.0	00.0	01.0	107	56 %	130/80	139	00	
Recovery	11:19				00.0	000	0 %	---	000	00	

**FINDINGS :**

Exercise Time : 06:36  
 Initial HR (ExStrt) : 104 bpm 54% of Target 192  
 Initial BP (ExStrt) : 120/80 (mm/Hg)  
 Max Workload Attained : 7.7 Fair response to induced stress  
 Max ST Dep Lead & Avg ST Value : III & -1.9 mm in Stage 2  
 Test End Reasons : Heart Rate Achieved

Max HR Attained 165 bpm 86% of Target 192  
 Max BP Attained 150/80 (mm/Hg)

Dr. SHAILAJA PILLAI  
 M.D. (GEN.MED)  
 R.NO. 49972  
 Doctor : DR. SHAILAJA PILLAI





**EMail:** 186/AISHWARYA CHAUHAN / 28 Yrs / F / 162 Cms / 64 Kg Date: 11 / 11 / 2023 11:10:53 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 68.0 bpm, and the maximum predicted Target Heart Rate 187.0. The BP increased at the time of generating report as 150/0/80.0 mmHg The Max Dep went upto 0.2. 0.0 Ectopic Beats were observed during the Test  
The Test was completed because of , Heart Rate Achieved.

**CONCLUSIONS:**

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

Dr. SHAILAJA PILLAI

M.D. (GEN.MED)

R.NO. 49972

Doctor: DR. SHAILAJA PILLAI



SUBURBAN DIAGNOSTICS (THANE GB ROAD)

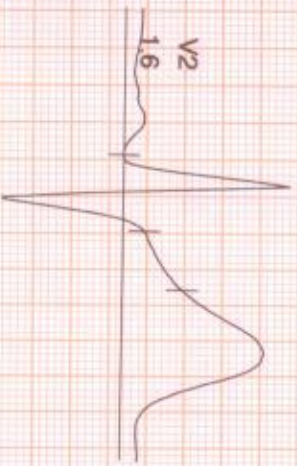
186 (233152162) / AISHWARYA CHAUHAN / 28 Yrs / F / 162 Cms / 64 Kg / HR : 100

Date: 11 / 11 / 2023 11:10:53 AM METS: 1.0/100 bpm 52% of THR BP: 120/80 mmHg Raw ECG/BLC On/Notch On/HF 0.05 Hz/LF 35 Hz

EXTime: 00:00 0.0 mph, 0.0%

4X 80 mS Post J

25 mm/Sec, 1.0 Cm/mV



PR 0.4  
QRS 0.6

PR 0.4  
QRS 0.6

PR 0.6  
QRS 0.6

PR 0.2  
QRS 0.0

PR 0.5  
QRS 0.5

PR 0.1  
QRS 0.3

PR 0.4  
QRS 0.3

V1 0.7  
V1 0.3

V2 1.6  
V2 1.3

V3 1.2  
V3 1.0

V4 0.8  
V4 0.7

V5 0.6  
V5 0.5

V6 0.5  
V6 0.5



SUPINE ( 00:01 )





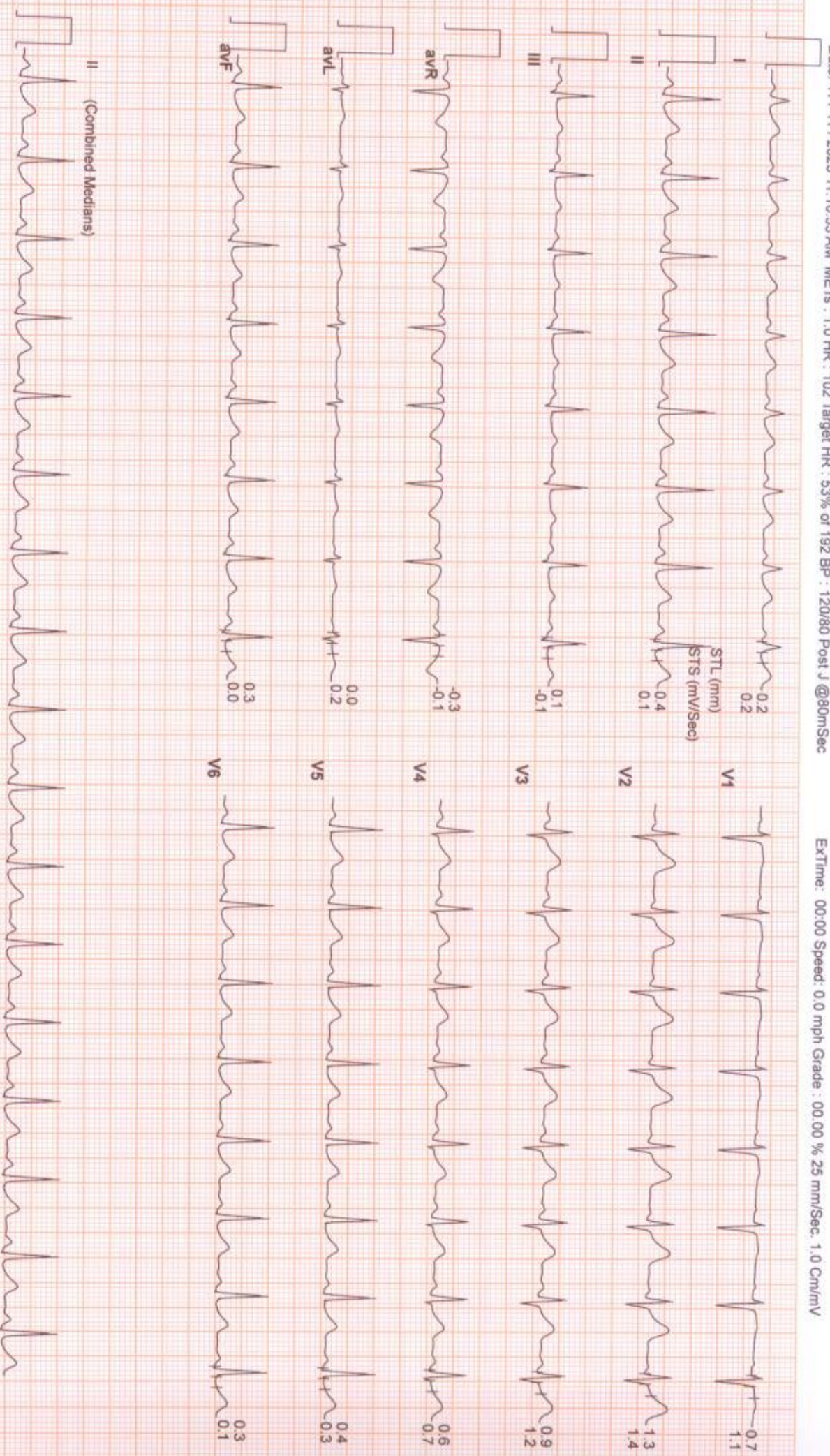
**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METS : 1.0 HR : 102 Target HR : 53% of 192 BP : 120/80 Post J @80mSec

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

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





# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

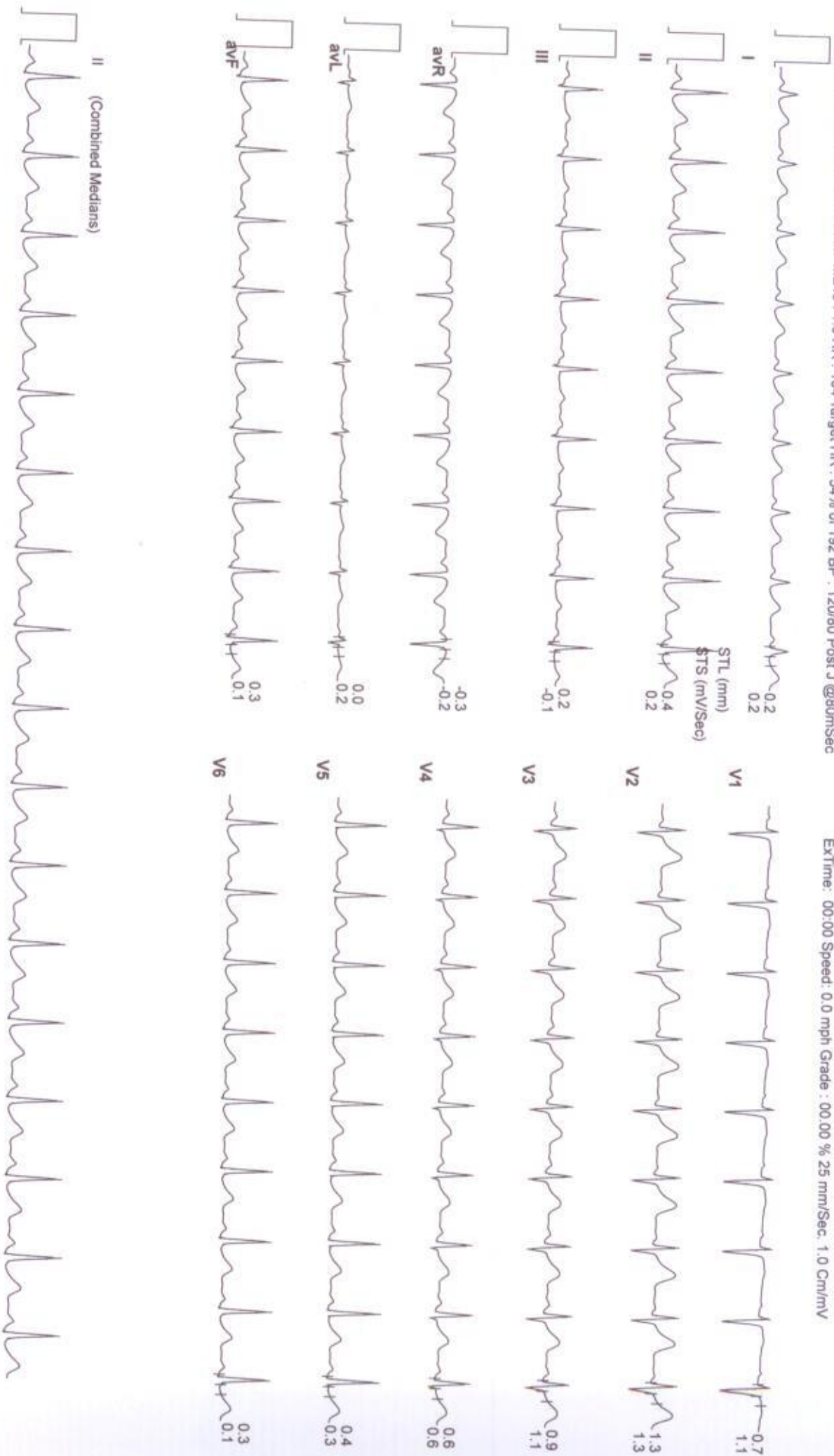
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

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



Date: 11 / 11 / 2023 11:10:53 AM METs : 1.0 HR : 104 Target HR : 54% of 192 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)

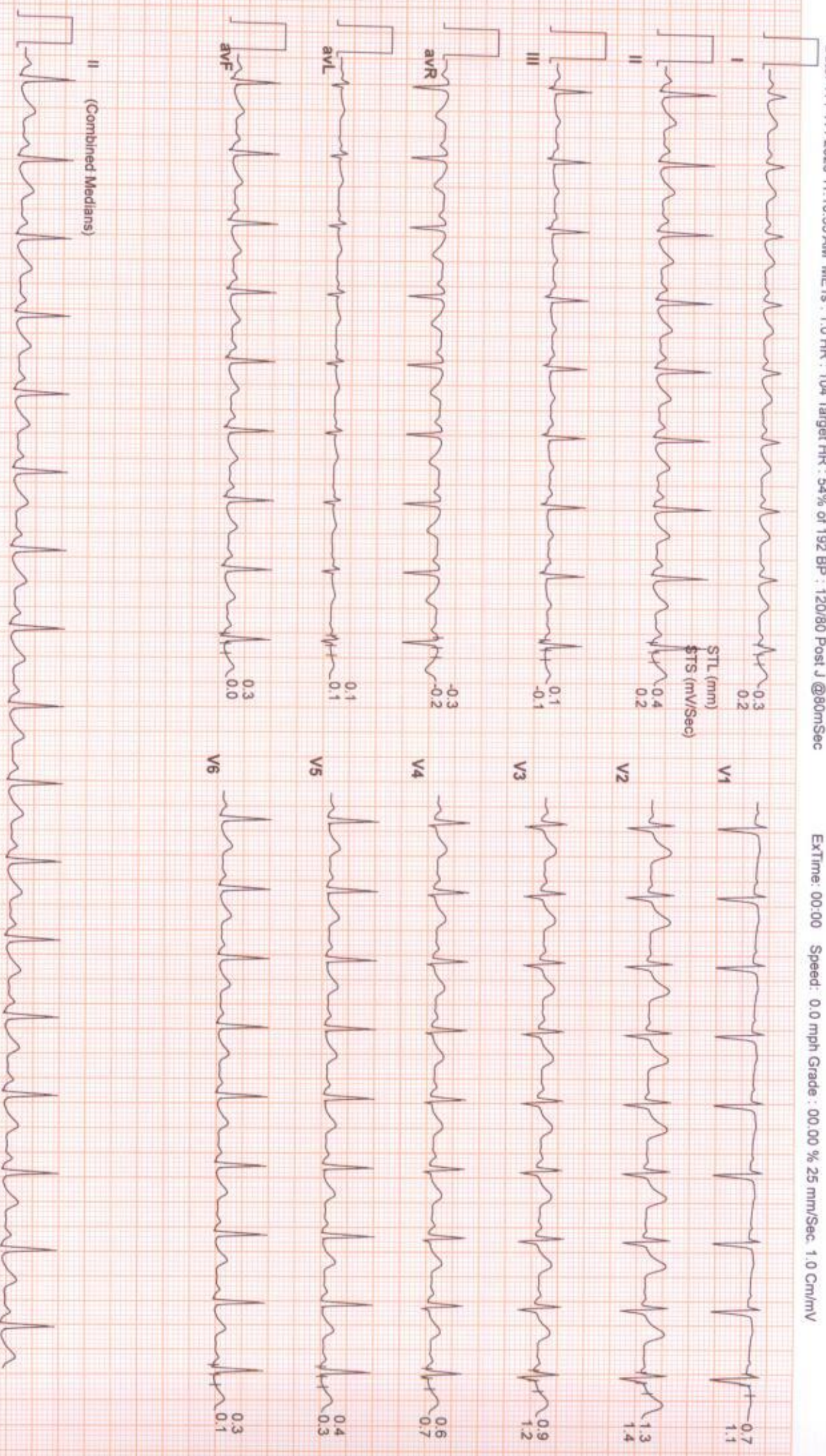
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

6X2 Combine Medians + 1 Rhythm  
ExStrt



Date: 11 / 11 / 2023 11:10:53 AM METs : 1.0 HR : 104 Target HR : 54% of 192 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)

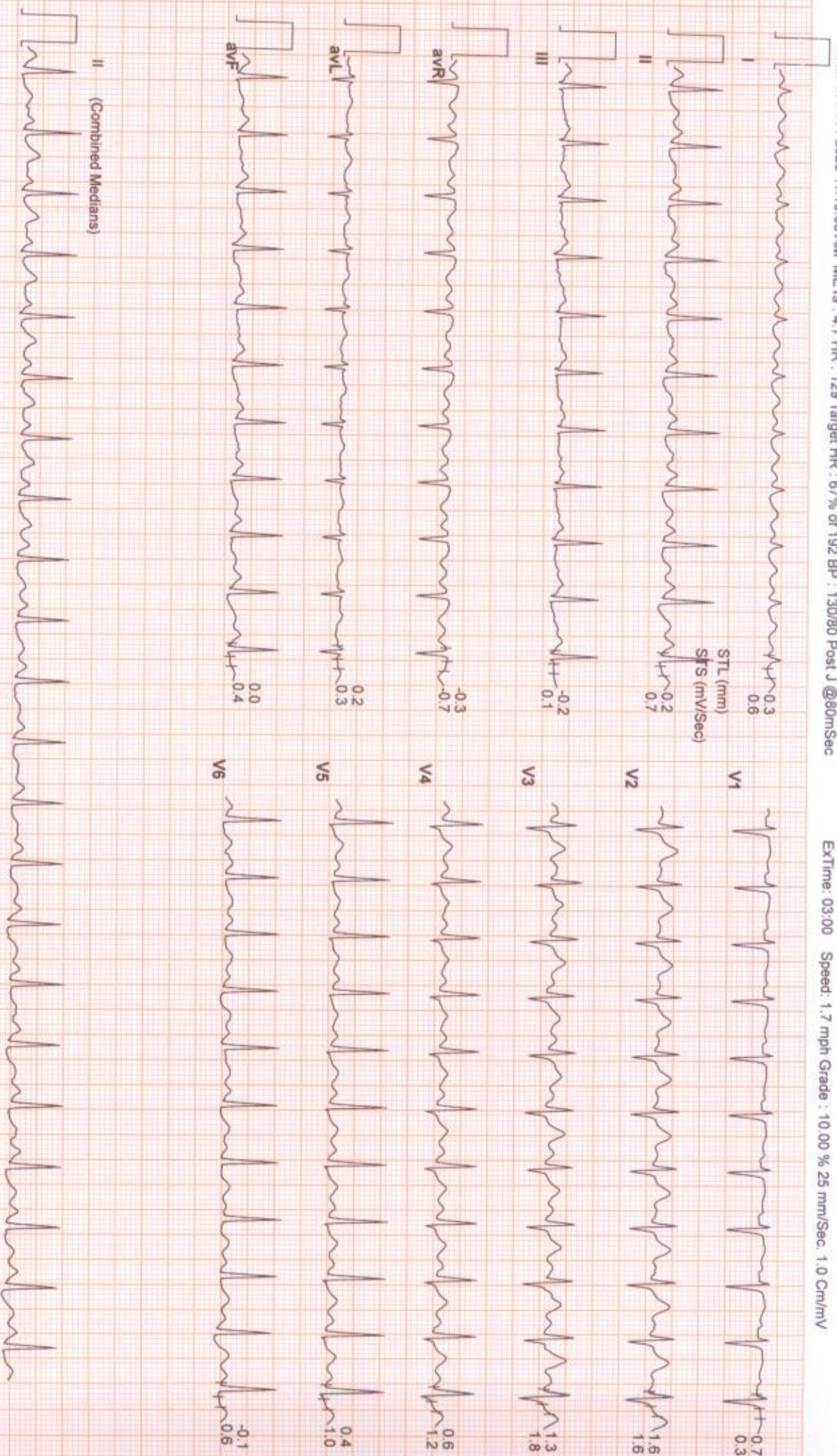
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METs : 4.7 HR : 129 Target HR : 67% of 192 BP : 130/80 Post J @80mSec

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



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





# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

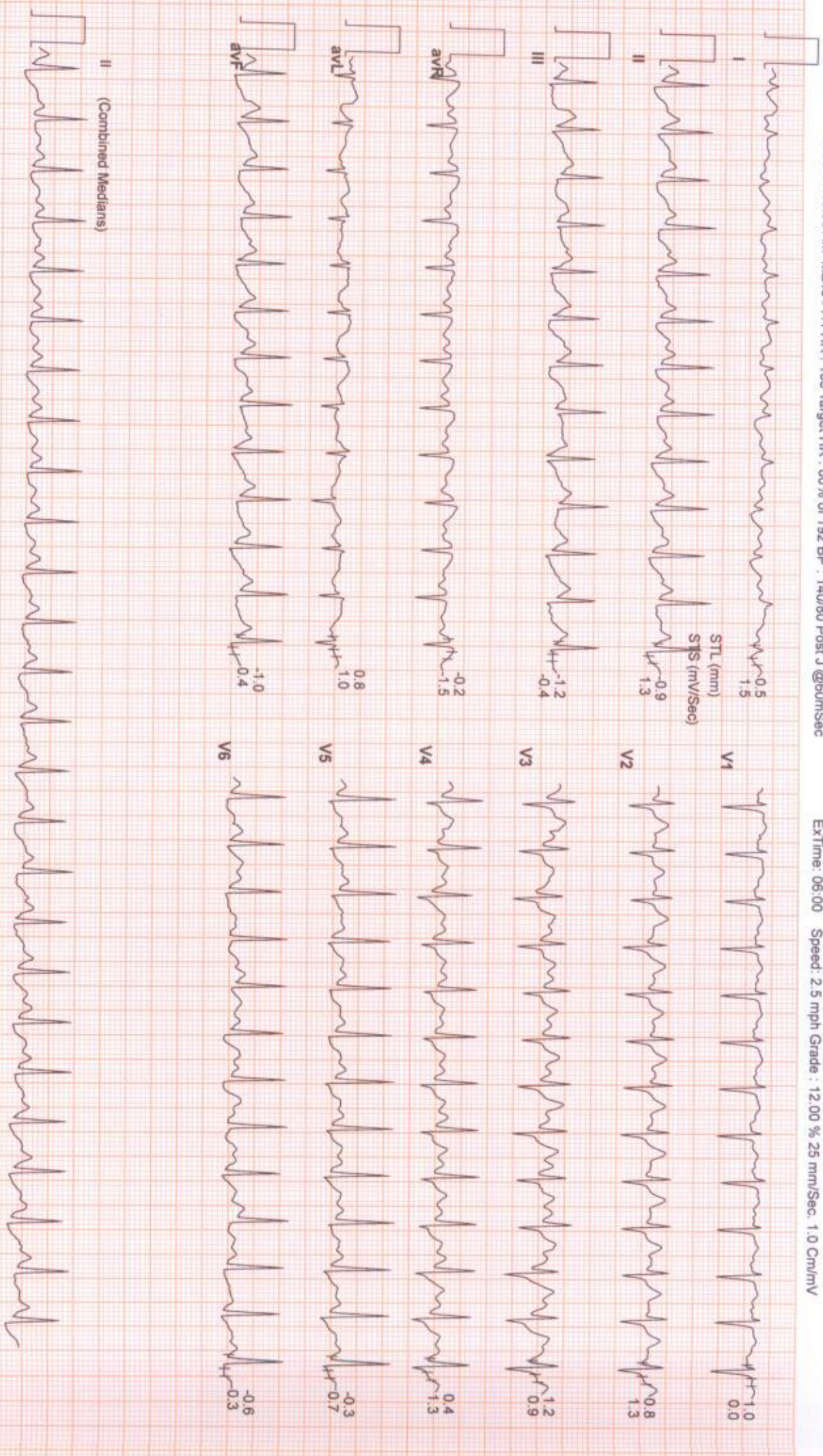
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METs : 7.1 HR : 153 Target HR : 80% of 192 BP : 140/80 Post J @60m/Sec

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

## 6X2 Combine Medians + 1 Rhythm

BRUCE : Stage 2 ( 03:00 )





# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

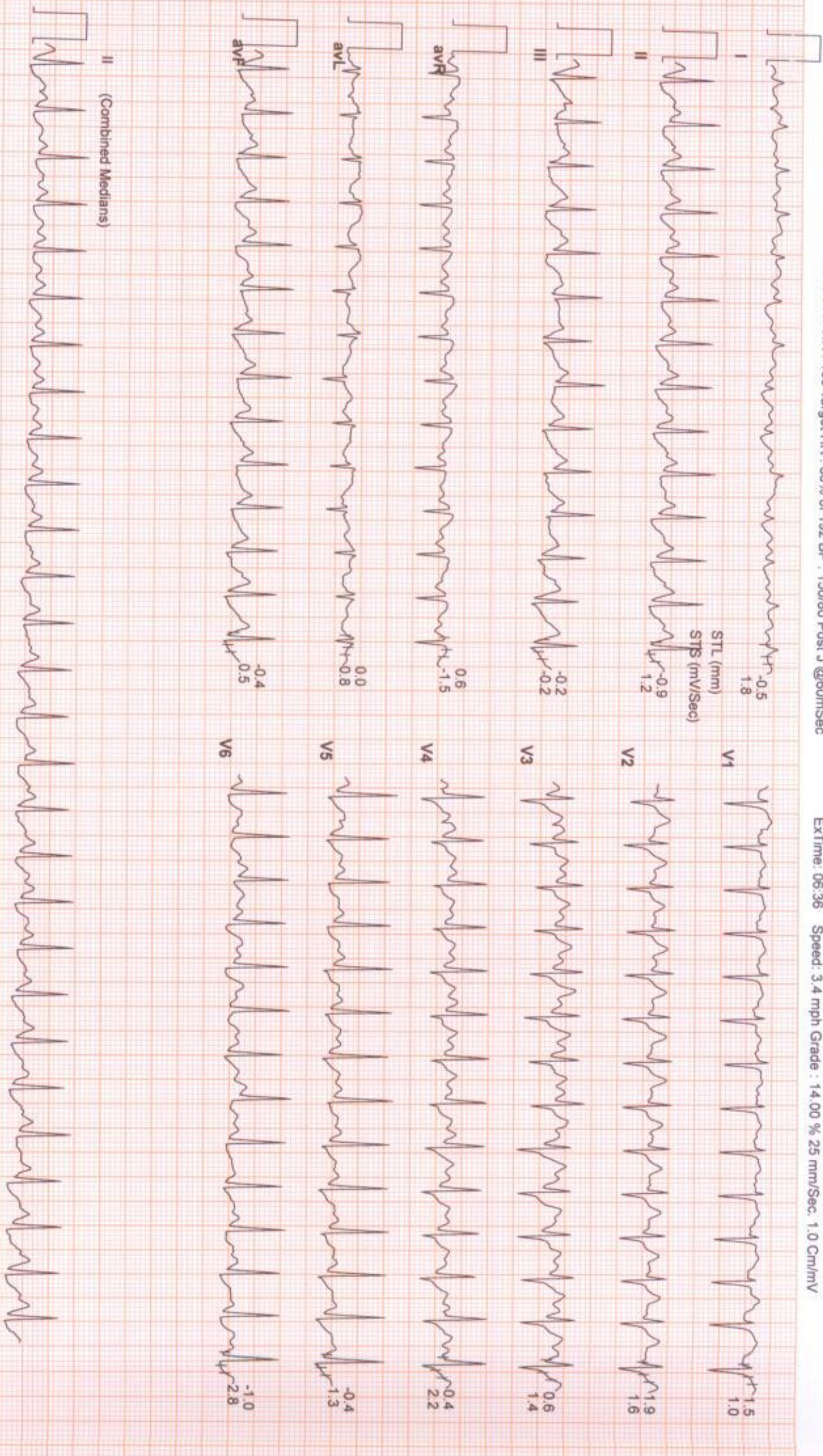
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METs : 7.7 HR : 165 Target HR : 86% of 192 BP : 150/80 Post J @60mSec

ExTime: 06:36 Speed: 3.4 mph Grade : 14.00 % 25 mm/Sec. 1.0 Cm/mV

## 6X2 Combine Medians + 1 Rhythm

PeakEx



II (Combined Medians)



# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

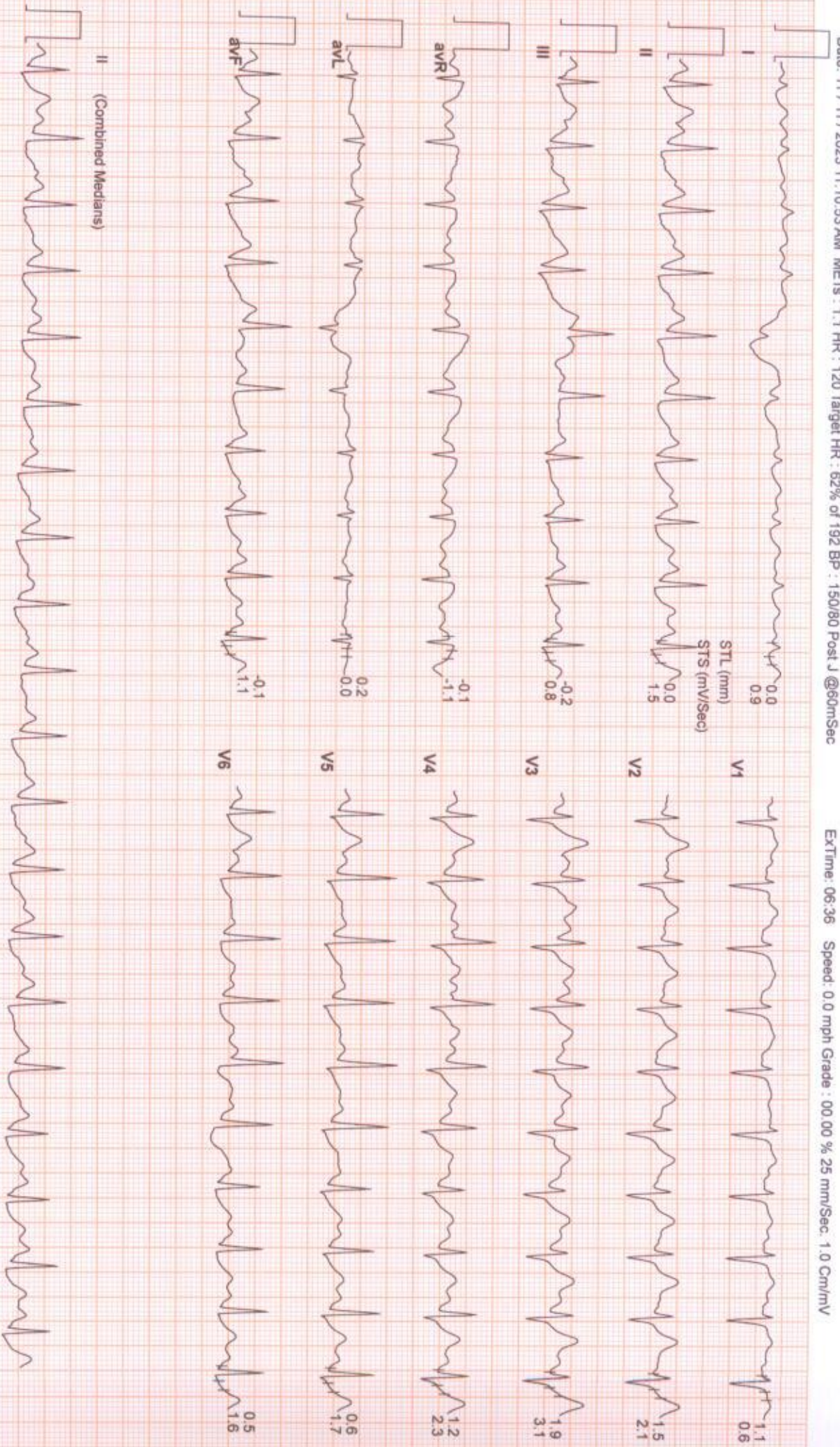
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

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



Date: 11 / 11 / 2023 11:10:53 AM METs : 1.1 HR : 120 Target HR : 62% of 192 BP : 150/80 Post J @60mSec

ExTime: 06:36 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV



II (Combined Medians)



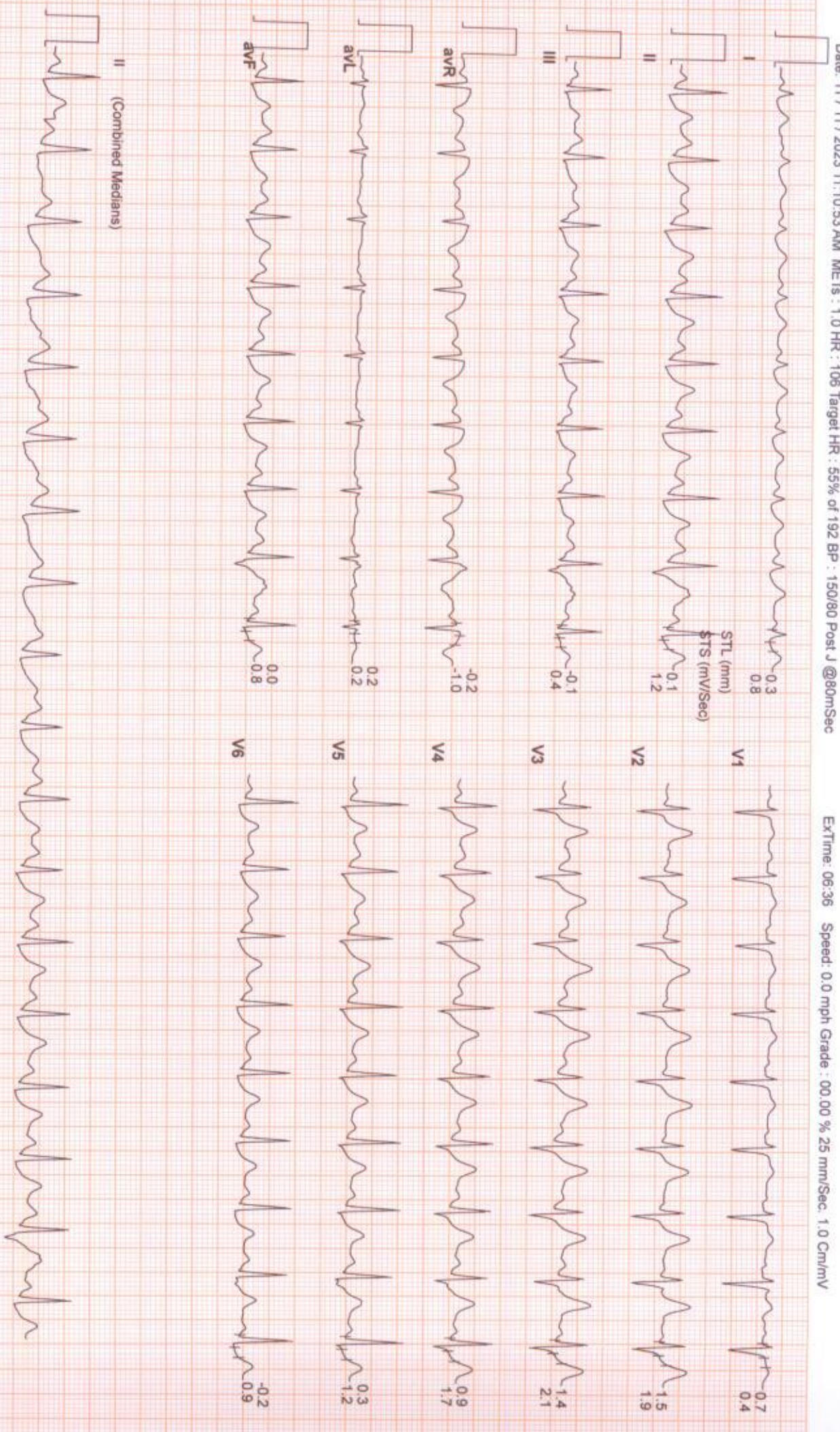
# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METs : 1.0 HR : 106 Target HR : 55% of 192 BP : 150/80 Post J @80mSec

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

ExTime: 06:36 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec: 1.0 Cm/mV





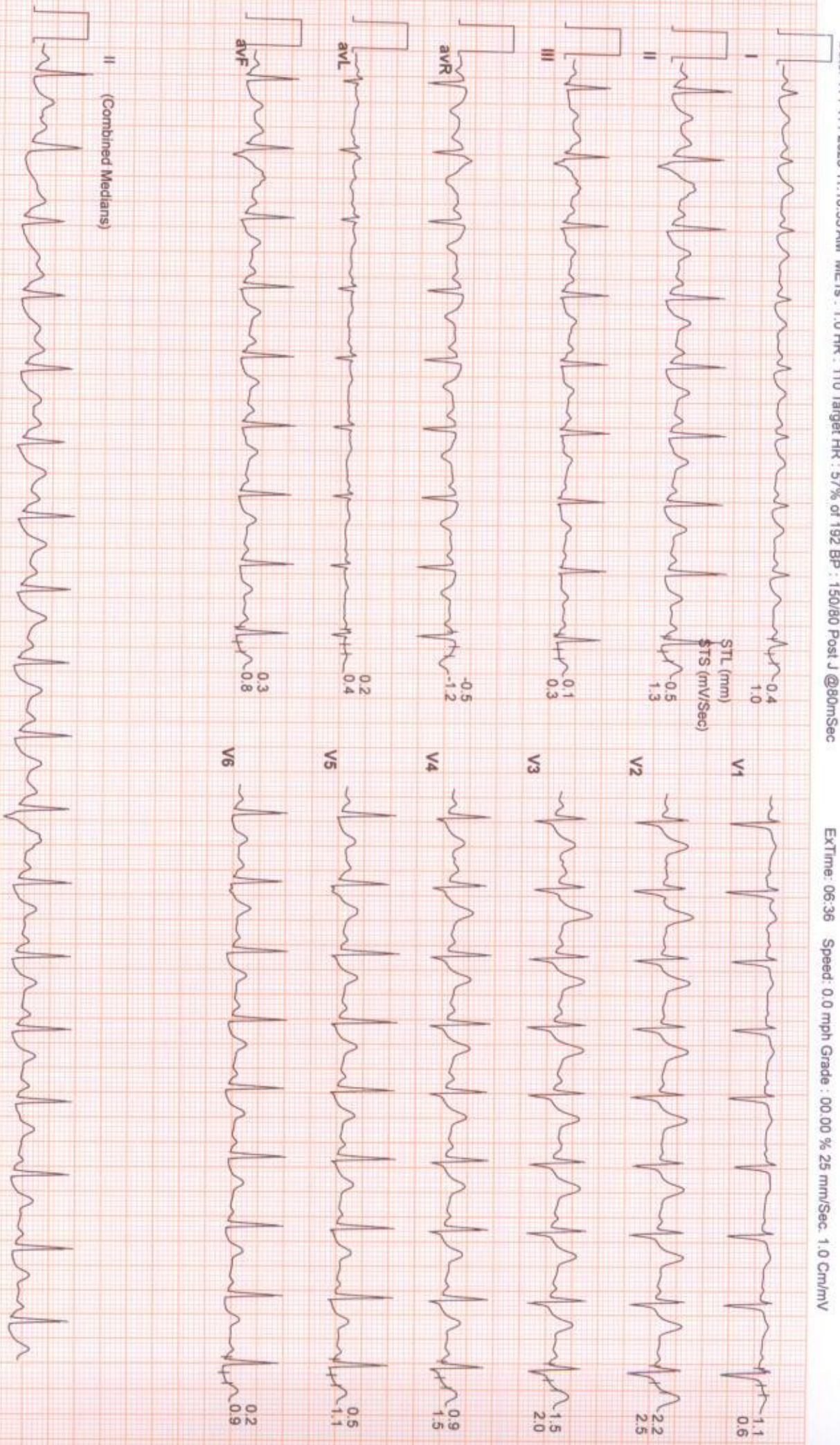
**SUBURBAN DIAGNOSTICS (THANE GB ROAD)**

186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METs : 1.0 HR : 110 Target HR : 57% of 192 BP : 150/80 Post J @80mSec

EXTime: 06:36 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV

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





# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

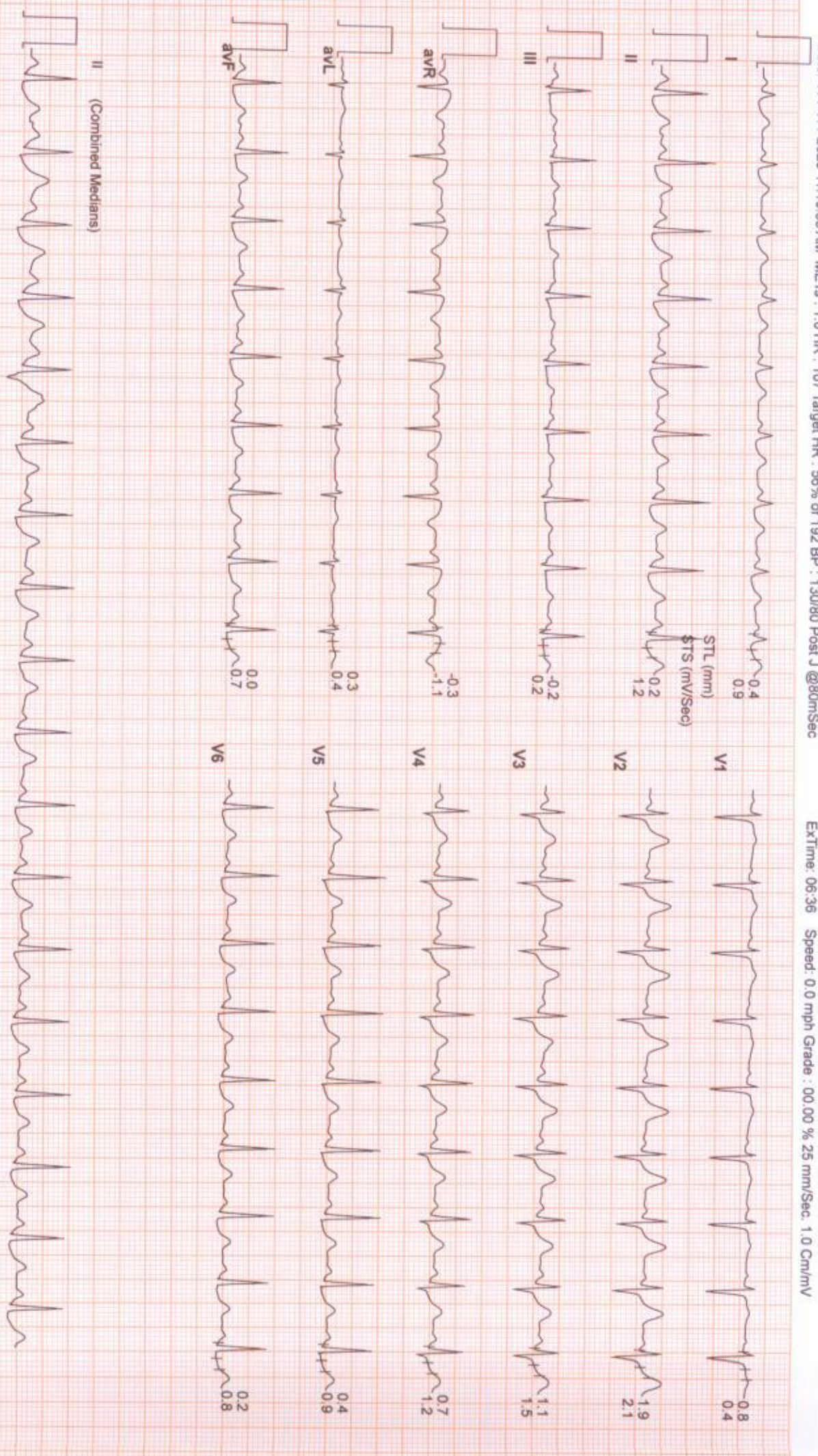
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METs : 1.0 HR : 107 Target HR : 56% of 192 BP : 130/80 Post J @80mSec

ExTime: 06:36 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mV

## 6X2 Combine Medians + 1 Rhythm

Recovery : ( 04:00 )





# SUBURBAN DIAGNOSTICS (THANE GB ROAD)

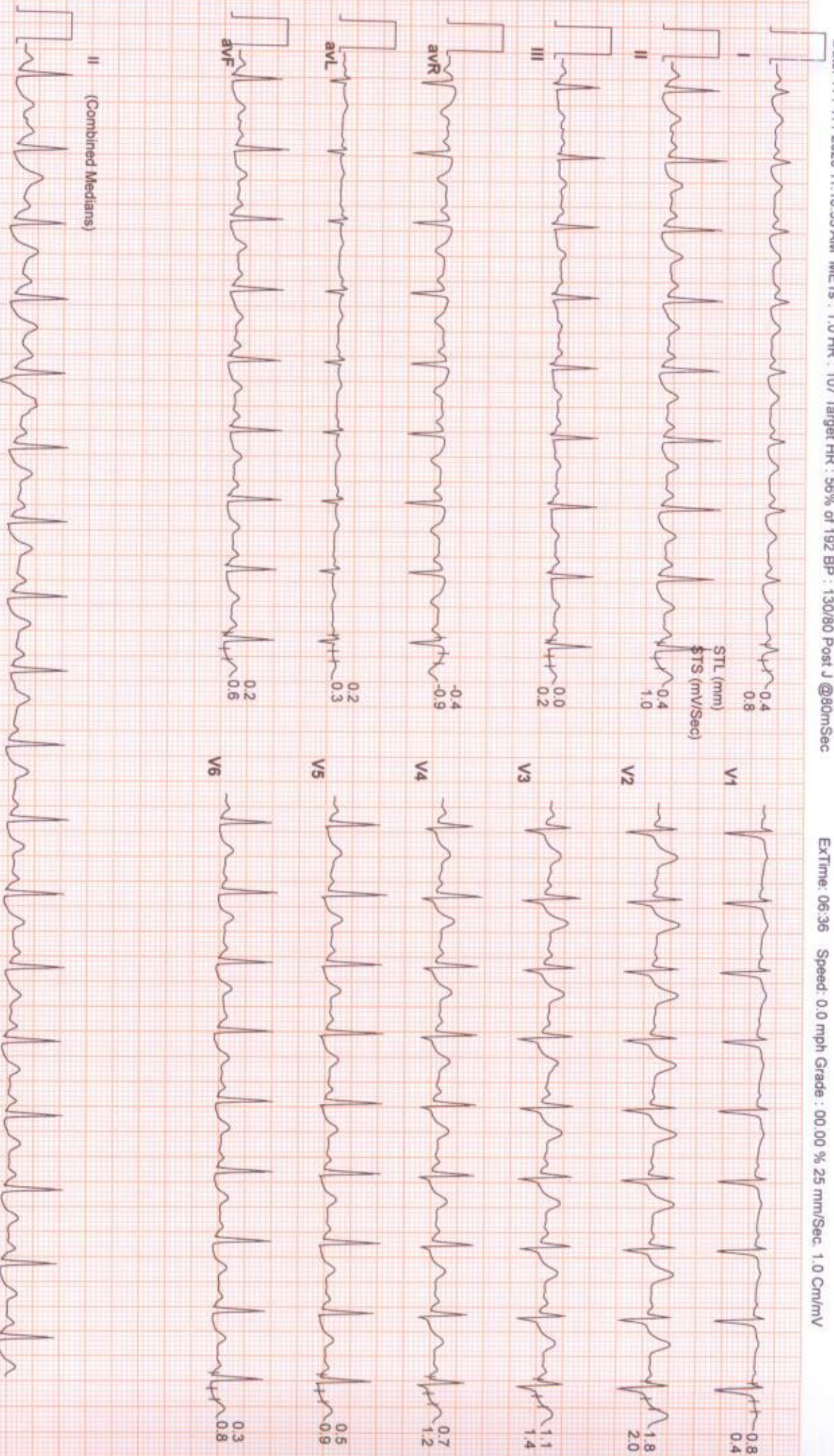
186 / AISHWARYA CHAUHAN / 28 Yrs / Female / 162 Cm / 64 Kg

Date: 11 / 11 / 2023 11:10:53 AM METs : 1.0 HR : 107 Target HR : 56% of 192 BP : 130/80 Post J @80mSec

6X2 Combine Medians + 1 Rhythm  
Recovery : ( 04:02 )



ExTime: 06:36 Speed: 0.0 mph Grade : 00.00 % 25 mm/Sec. 1.0 Cm/mv





Reg. No. : 2331520162	Sex : FEMALE
NAME : MS. AISHWARYA CHAUHAN	Age : 28 YRS
Ref. By : -----	Date : 11.11.2023

**USG ABDOMEN AND PELVIS**

**LIVER:** Liver appears normal in size and *shows increased echoreflectivity*. 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.

**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 9.2 x 3.9 cm. Left kidney measures 9.2 x 4.7 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, shape and echotexture. No focal lesion is seen.

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

**UTERUS:** Uterus is retroverted and measures 6.9 x 4.1 x 4.7 cm. Uterine myometrium shows homogenous echotexture. Endometrial echo is in midline and measures 6.4 mm. Cervix appears normal.

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

No free fluid or significant lymphadenopathy is seen. **Bowel gas++**

**IMPRESSION:**

- **GRADE I FATTY INFILTRATION OF LIVER.**

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 evaluation.**

*Dr. Devendra Patil*

**DR. DEVENDRA PATIL  
MD (RADIO DIAGNOSIS)  
(CONSULTANT RADIOLOGIST)**





CID : 2331520162  
Name : Ms AISHWARYA CHAUHAN  
Age / Sex : 28 Years/Female  
Ref. Dr :  
Reg. Location : G B Road, Thane West Main Centre  
Reg. Date : 11-Nov-2023  
Reported : 11-Nov-2023 / 12:26

**X-RAY CHEST PA VIEW**

Rotation+

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-----

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

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023111108510935>

Page no 1 of 1





CID : 2331520162  
Name : MS. AISHWARYA CHAUHAN  
Age / Gender : 28 Years / Female  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Use a QR Code Scanner  
Application To Scan the Code

Collected : 11-Nov-2023 / 09:00  
Reported : 11-Nov-2023 / 11:02

**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<b>RBC PARAMETERS</b>			
Haemoglobin	13.6	12.0-15.0 g/dL	Spectrophotometric
RBC	4.58	3.8-4.8 mil/cmm	Elect. Impedance
PCV	44.1	36-46 %	Measured
MCV	96.4	80-100 fl	Calculated
MCH	29.7	27-32 pg	Calculated
MCHC	30.8	31.5-34.5 g/dL	Calculated
RDW	15.5	11.6-14.0 %	Calculated
<b>WBC PARAMETERS</b>			
WBC Total Count	5430	4000-10000 /cmm	Elect. Impedance
<b>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</b>			
Lymphocytes	36.8	20-40 %	
Absolute Lymphocytes	1998.2	1000-3000 /cmm	Calculated
Monocytes	6.0	2-10 %	
Absolute Monocytes	325.8	200-1000 /cmm	Calculated
Neutrophils	55.0	40-80 %	
Absolute Neutrophils	2986.5	2000-7000 /cmm	Calculated
Eosinophils	2.2	1-6 %	
Absolute Eosinophils	119.5	20-500 /cmm	Calculated
Basophils	0.0	0.1-2 %	
Absolute Basophils	0.0	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<b>PLATELET PARAMETERS</b>			
Platelet Count	255000	150000-400000 /cmm	Elect. Impedance
MPV	9.2	6-11 fl	Calculated
PDW	12.1	11-18 %	Calculated
<b>RBC MORPHOLOGY</b>			
Hypochromia	-		
Microcytosis	-		



Authenticity Check



Use a QR Code Scanner  
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CID : 2331520162  
Name : MS.AISHWARYA CHAUHAN  
Age / Gender : 28 Years / Female  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 11-Nov-2023 / 09:00  
Reported : 11-Nov-2023 / 11:14

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 5 2-20 mm at 1 hr. Sedimentation

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



*J. Mujawar*

Dr. IMRAN MUJAWAR  
M.D ( Path )  
Pathologist





CID : 2331520162  
Name : MS. AISHWARYA CHAUHAN  
Age / Gender : 28 Years / Female  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 11-Nov-2023 / 09:00  
Reported : 11-Nov-2023 / 12:03

**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	88.6	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	108.0	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.4	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.14	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.26	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.1	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.7	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.4	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2	1 - 2	Calculated
SGOT (AST), Serum	20.8	5-32 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	20.7	5-33 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	14.2	3-40 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	84.6	35-105 U/L	PNPP
BLOOD UREA, Serum	18.5	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	8.6	6-20 mg/dl	Calculated
CREATININE, Serum	0.59	0.51-0.95 mg/dl	Enzymatic



Authenticity Check



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CID : 2331520162  
Name : MS.AISHWARYA CHAUHAN  
Age / Gender : 28 Years / Female  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 11-Nov-2023 / 11:53  
Reported : 11-Nov-2023 / 16:01

eGFR, Serum	126	(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 w.e.f 16-08-2023

URIC ACID, Serum	4.5	2.4-5.7 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 \*\*\*



*J. Mujawar*

Dr. IMRAN MUJAWAR  
M.D ( Path )  
Pathologist



CID : 2331520162  
Name : MS. AISHWARYA CHAUHAN  
Age / Gender : 28 Years / Female  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)



Authenticity Check  
Use a QR Code Scanner  
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Collected : 11-Nov-2023 / 09:00  
Reported : 11-Nov-2023 / 11:41

**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

**GLYCOSYLATED HEMOGLOBIN (HbA1c)**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.2	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: > / = 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	102.5	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*

**Dr. IMRAN MUJAWAR**  
M.D ( Path )  
Pathologist



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CID : 2331520162  
Name : MS.AISHWARYA CHAUHAN  
Age / Gender : 28 Years / Female  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 11-Nov-2023 / 09:00  
Reported : 11-Nov-2023 / 17:23

**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	1.025	1.010-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	30	-	-
<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	2-3	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	1-2		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	2-3	Less than 20/hpf	
Others	-		

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 inert

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Age / Gender : 28 Years / Female  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 11-Nov-2023 / 09:00  
Reported : 11-Nov-2023 / 14:07

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

<u>PARAMETER</u>	<u>RESULTS</u>
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

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	201.6	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	173.2	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	47.6	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	154.0	Desirable: <130 mg/dl Borderline-high: 130 - 159 mg/dl High: 160 - 189 mg/dl Very high: >=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	119.0	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	35.0	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.2	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.5	0-3.5 Ratio	Calculated

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Free T3, Serum	4.9	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	13.7	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	1.97	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0	ECLIA



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Collected : 11-Nov-2023 / 09:00  
Reported : 11-Nov-2023 / 11:14

**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 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)

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