

SUBURBAN DIAGNOSTICS KANDIVALI EAST

Email:

Report



1275 (2307900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg
 Date: 20 / 03 / 2023 11:26:16 AM Refd By : ARCOFEMI Examined By: DR.AKHIL PARULEKAR

Stage	Time	Duration	Speed(Kmph)	Elevation	METS	Rate	% THR	BP	RPP	PVC	Comments
Supine	00:11	0:11	00.0	00.0	01.0	093	51 %	120/80	111	00	
Standing	00:32	0:21	00.0	00.0	01.0	097	53 %	120/80	116	00	
HV	00:40	0:08	00.0	00.0	01.0	097	53 %	120/80	116	00	
ExStart	01:11	0:31	00.0	00.0	01.0	112	61 %	120/80	134	00	
BRUCE Stage-1	04:11	3:00	02.7	10.0	04.7	168	91 %	120/80	201	00	
PeakEx	05:43	1:32	04.0	12.0	05.9	175	95 %	140/80	245	00	
Recovery	06:43	1:00	00.2	00.0	01.0	143	78 %	140/80	200	00	
Recovery	07:04				00.0	000	0 %	---	000	00	

FINDINGS :

Exercise Time : 04:32
 Initial HR (ExStrt) : 112 bpm 61% of Target 184
 Initial BP (ExStrt) : 120/80 (mm/Hg)
 Max Workload Attained : 5.9 Fair response to induced stress
 Duke Treadmill Score : 08.3
 Test End Reasons : Heart Rate Achieved

Max HR Attained 175 bpm 95% of Target 184
 Max BP Attained 140/80 (mm/Hg)

Dr. Akhil P. Parulekar.
 M.B.B.S. MD. Medicine
 DNB Cardiology
 Reg. No. 2012082493

Doctor : DR.AKHIL PARULEKAR

SUBURBAN DIAGNOSTICS KANDIVALI EAST

REPORT



Email:

1275 / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg Date: 20 / 03 / 2023 11:26:16 AM Refd By : ARCOFEMI

REPORT :

Heart Rate 176.0 bpm

Systolic BP 140.0 mmHg Diastolic BP 80.0 mmHg

Exercise Time 04:32 Mins. Ectopic Beats 0:0

METS 5.9 Test End Reason . Heart Rate Achieved Target Heart Rate 96% of 184

TEST OBJECTIVE	ROUTINE CHECK UP
RISK FACTOR	NONE
ACTIVITY	MODERATE ACTIVE
MEDICATION	NONE
REASON FOR TERMINATION	HEART RATE ACHIEVED
EXERCISE TOLERANCE	FAIR
EXERCISE INDUCED ARRHYTHMIAS	NO
HAEMODYNAMIC RESPONSE	NORMAL
CHRONOTROPIC RESPONSE	NORMAL
FINAL IMPRESSION	NO SIGNIFICANT STT CHANGES NOTED

DISCLAIMER Negative stress test does not rule out coronary artery disease. Positive stress test is suggestive but not confirmatory of coronary artery disease. Hence clinical correlation is mandatory.

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.
Row House No. 3, Aashish,
Thakur Village, Kandivali (east),
Mumbai - 400101,
Tel : 61700#00

Dr. Akhil P. Parulekar.
MBBS, MD
12082403

Doctor : DR.AKHIL PARULEKAR

1275 (2307900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg / HR : 93

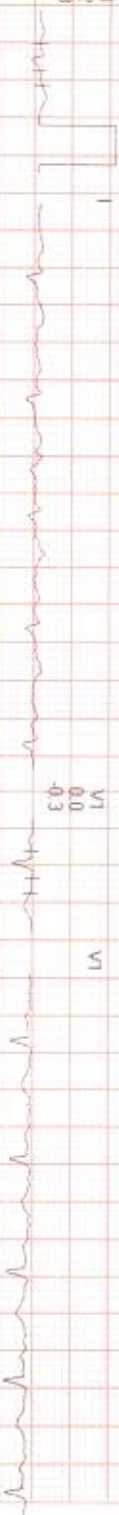


Date: 20 / 03 / 2023 11:26:16 AM
4X 80 ms Post J

METS 1 0 / 93 bpm 51% of THR BP 120/80 mmHg Raw EOS/BLC Div/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 0.0 Kmph, 0.0%
25 mm/Sec 1.0 Cm/mV

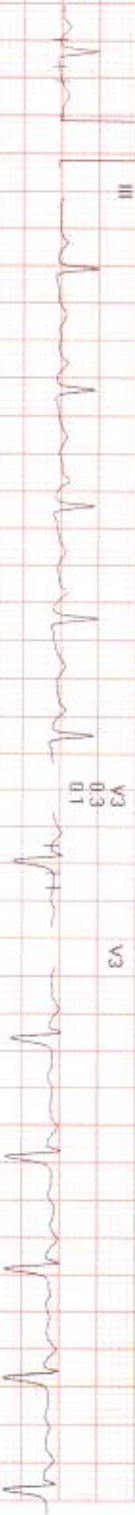
STL 0.2
STR 0.3



II 0.4
III 0.7



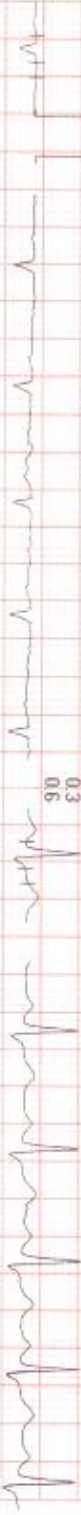
III 0.2
aVR 0.3
aVL 0.0
aVF 0.5



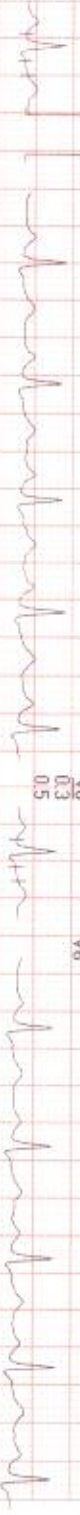
V1 0.0
V2 0.4
V3 0.3
V4 0.4
V5 0.3
V6 0.3



V2 0.4
V3 0.1
V4 0.4
V5 0.6
V6 0.5



V3 0.2
V4 0.4
V5 0.3
V6 0.5



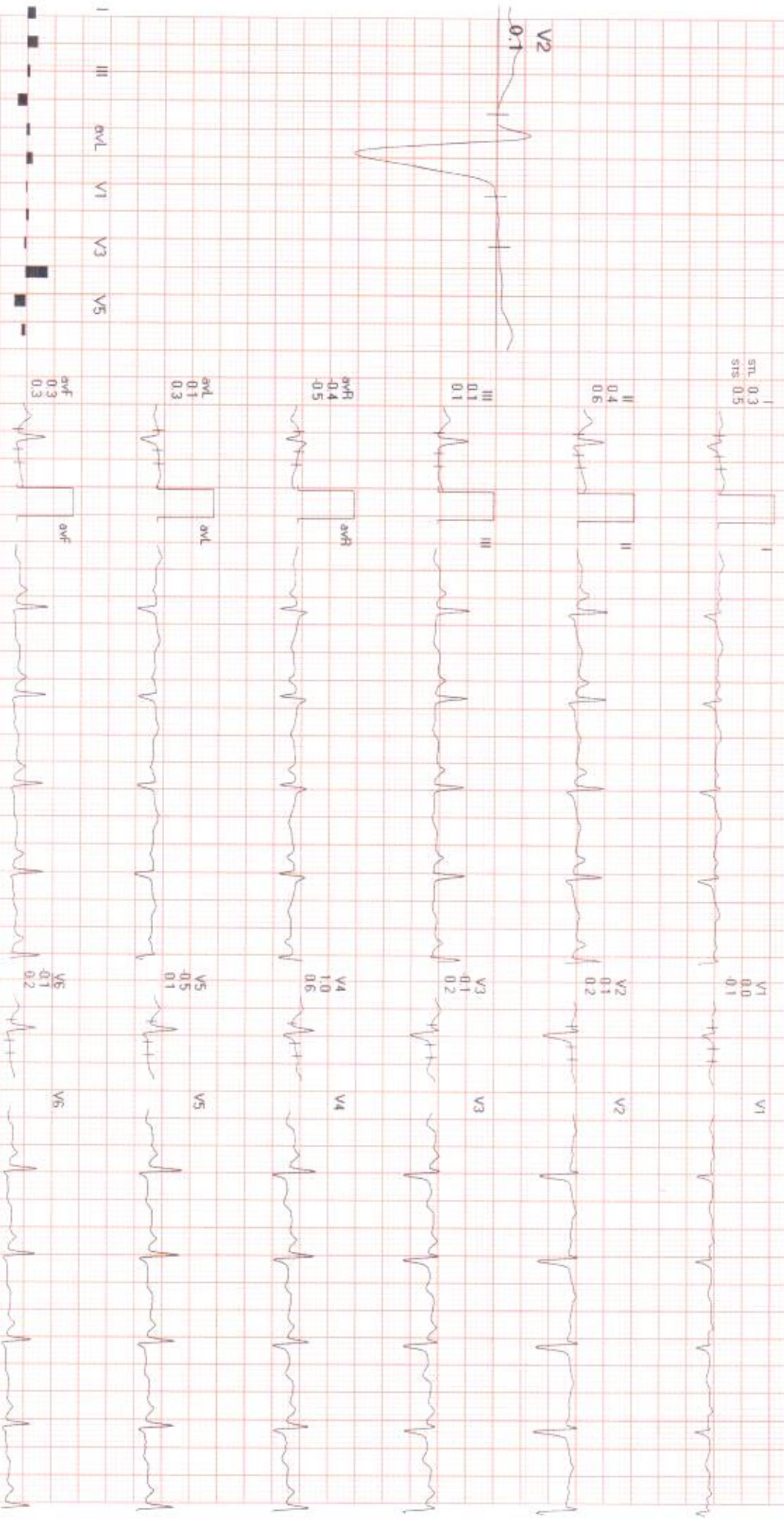
REMARKS
II aVR aVF V2 V4 V6
III aVL V1 V3 V5
I aVF V6



1275 (23073900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg / HR : 97

Date: 20 / 03 / 2023 11:26:16 AM METS: 1.0 / 97 bpm 53% of THR BP: 120/80 mmHg Raw ECG/BLC On/Notch On/HR 0.05 Hz/AF 35 Hz
 4X 80 ms Post J

ExtTime: 00:00 0.0 Kmph, 0.0%
 25 mm/Sec 1.0 Cm/mV



REMARKS

SUBURBAN DIAGNOSTICS KANDIVALI EAST

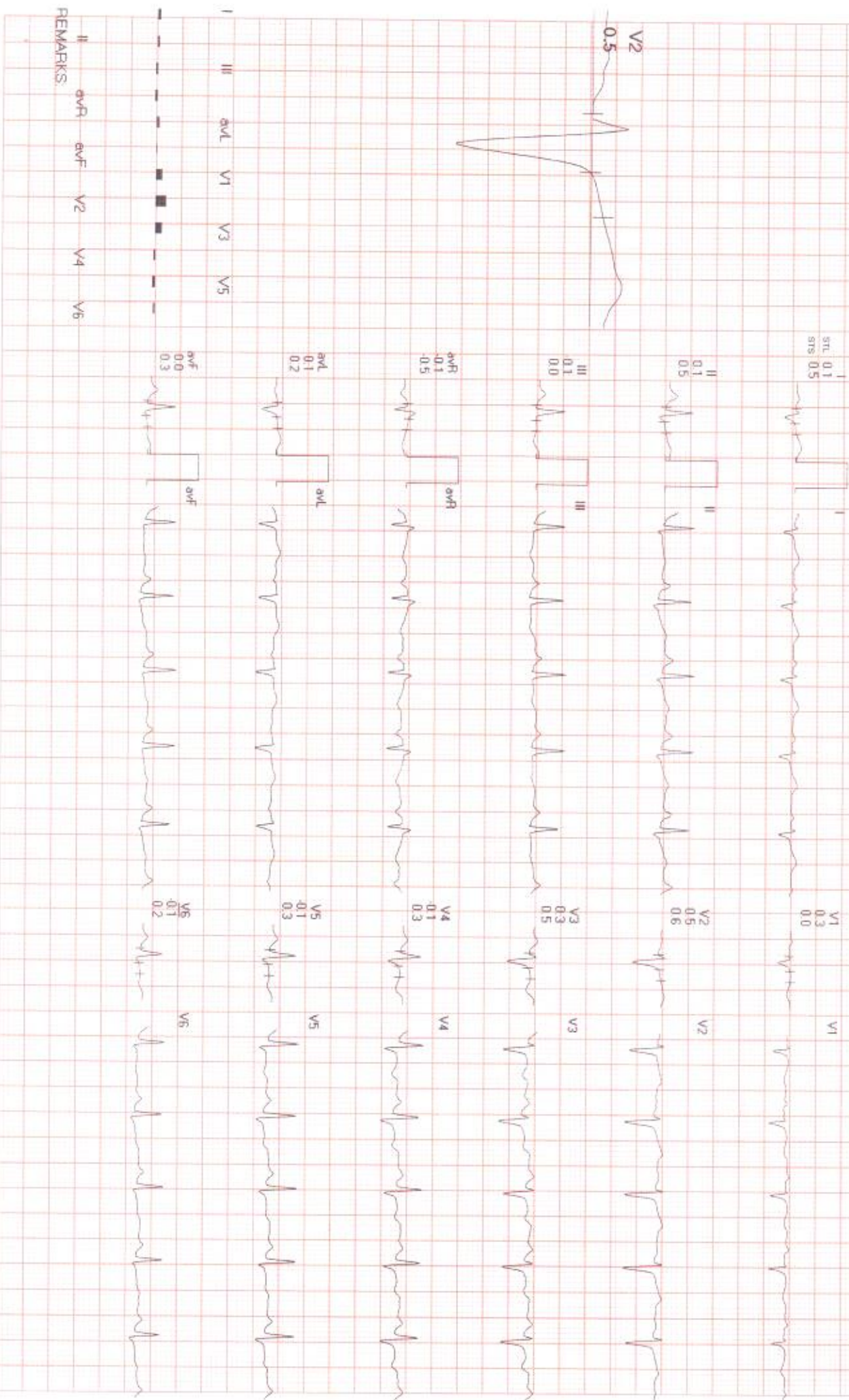
1275 (2307900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg / HR : 97

Date: 20 / 03 / 2023 11:26:16 AM METS: 1.0/97 bpm 53% of THR BP: 120/80 mmHg Raw ECG/BLC On/Notch On/HF 0.05 Hz/LF 35 Hz
4X 80 ms Post J

HV (00:08)



ExTime: 00:00 0.0 Kmph, 0.0%
25 mm/Sec. 1.0 Cal/cmV



REMARKS:

1275 (2307900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg / HR : 115

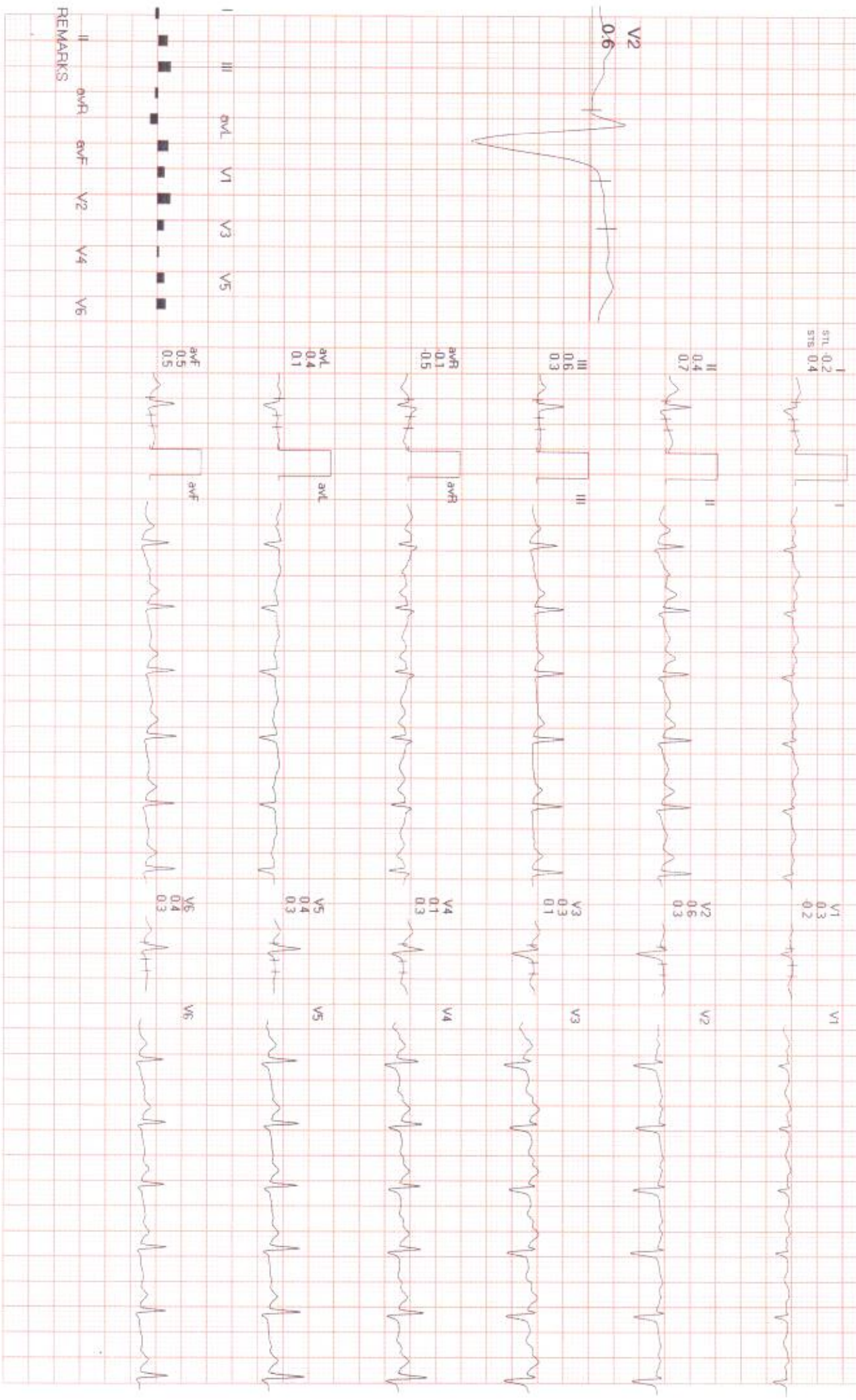
Date: 20/03/2023 11:26:16 AM METS: 1.0/115 bpm 62% of THR BP: 120/80 mmHg Rew ECG/BLG Ord/ Natch Ord/ HF: 0.05 Hz/LF: 35 Hz

4X 80 ms Post J

ExStnr



ExTime: 00:00 0.0 Kmpt: 0.0%
25 mm/Sec: 1.0 Cm/div



REMARKS

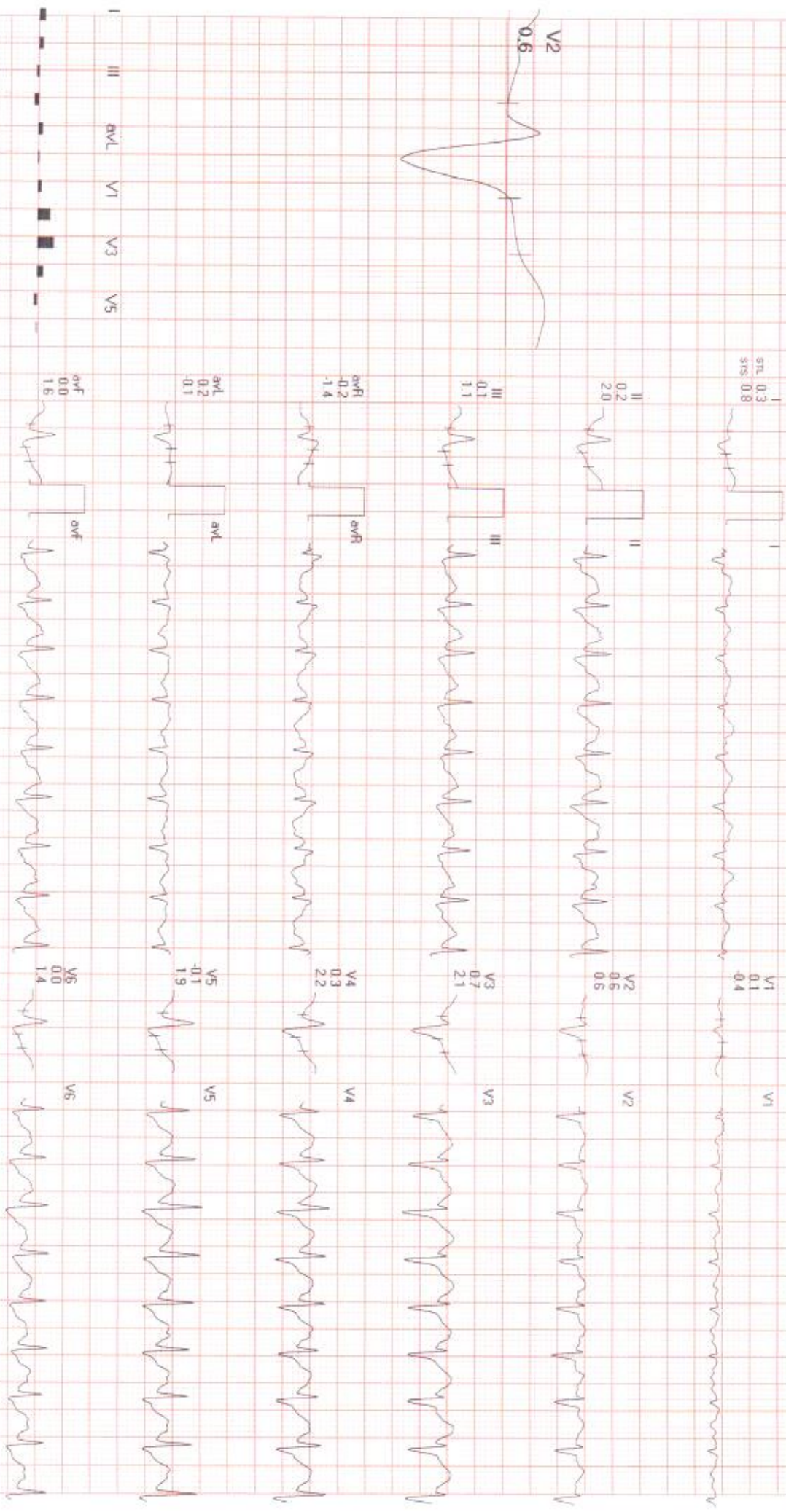


1275 (2307900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg / HR : 168

Date: 20 / 03 / 2023 11:26:16 AM METS: 4.7 / 168 bpm 91% of THR BP: 120/80 mmHg Prew ECG/ BLC On/ Natch On/ HF 0.05 Hz/ LF 35 Hz

4X 80 ms Post J

ExTime: 03:00 2.7 Kmph, 10.0%
25 mm/Sec. 1.0 Cm/mV



REMARKS: II, aVR, aVL, V1, V3, V5

1275 (2302900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg / HR : 175

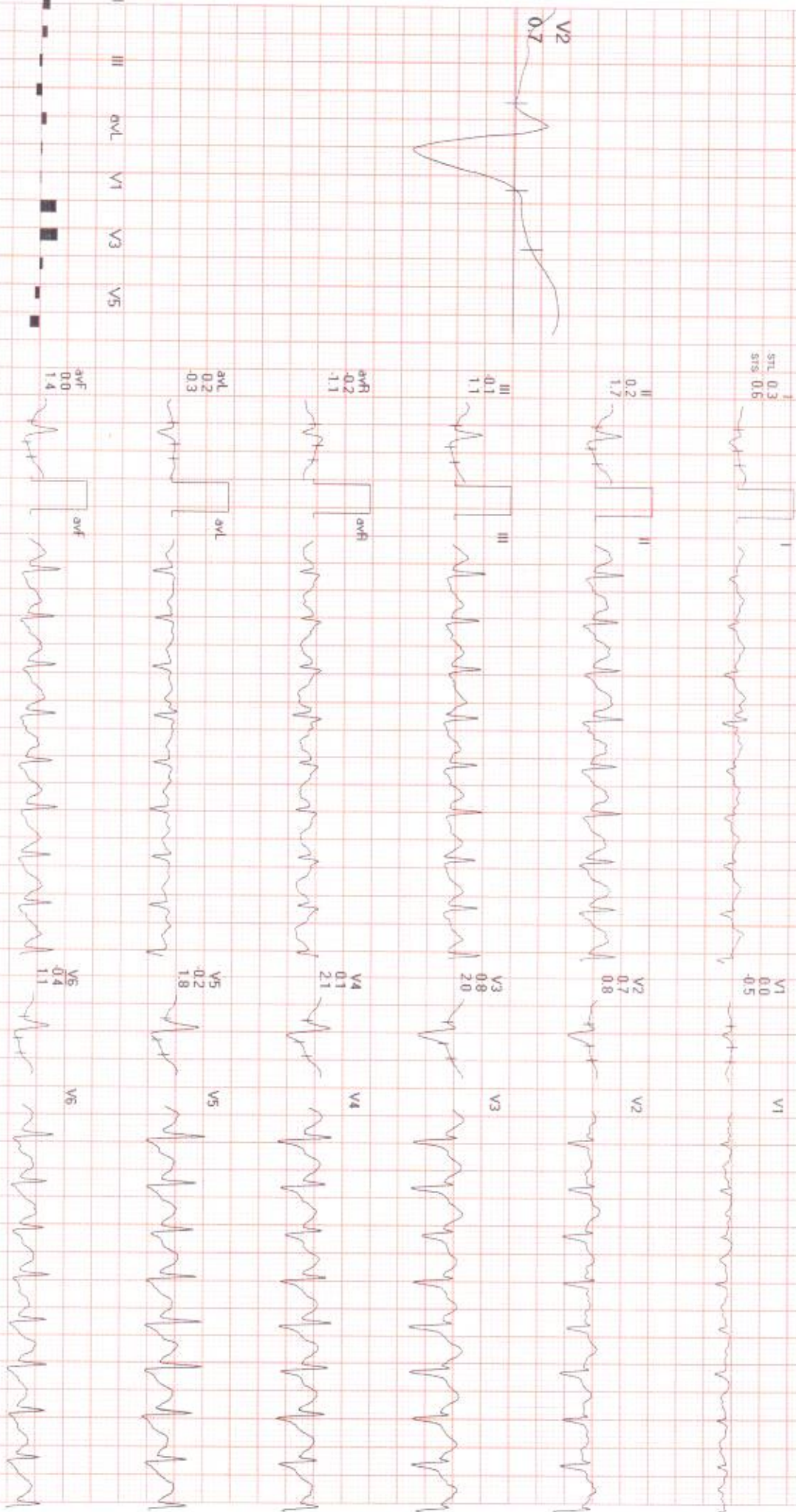
Date: 20/03/2023 11:26:16 AM MET S: 5.9 / 175 bpm 95% of THR BP: 140/80 mmHg Raw ECG/BLC On/ Natch On/ HF: 0.05 Hz/LF: 35 Hz
 4X 60 ms Post J

PeaKEX



Ext Time: 04:32 4.0 kmph 12.0%

25 mm/Sec 1.0 Cm/mV



REMARKS:

SUBURBAN DIAGNOSTICS KANDIVALI EAST

1275 (2307900907) / NEETU JAN / 36 Yrs / F / 167 Cms / 68 Kg / HR : 143

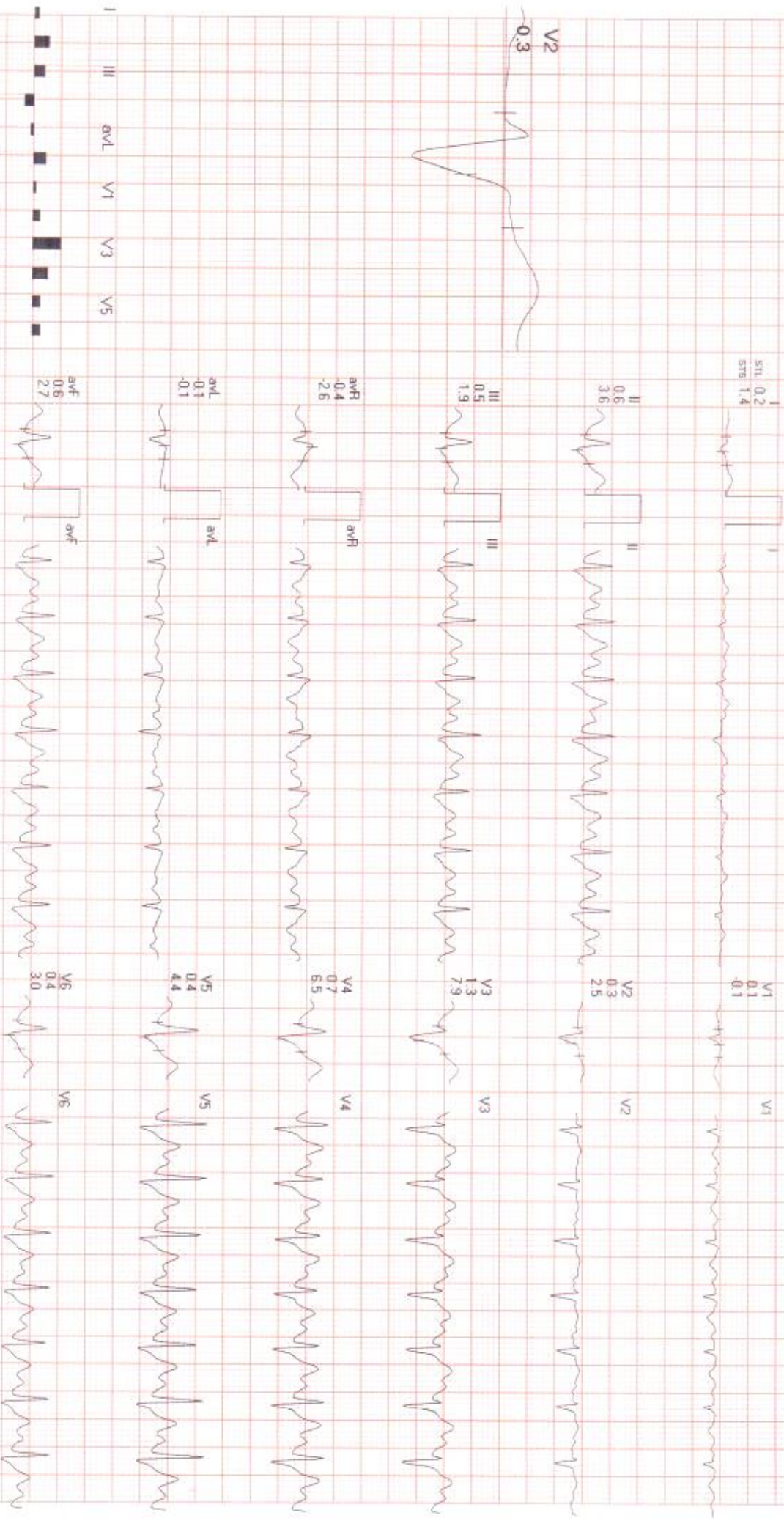
Date: 20 / 03 / 2023 11:26:16 AM METS: 1.0 / 143 bpm / 78% of THR BP: 140/80 mmHg Raw ECG/BLG On/Notch On/HF 0.05 Hz/LF 35 Hz

4X 60 ms Post J

Recovery : (01:00)



EXTime: 04:32 0.2 kmph 0.0%
25 mm/Sec 1.0 Cm/mV



REMARKS

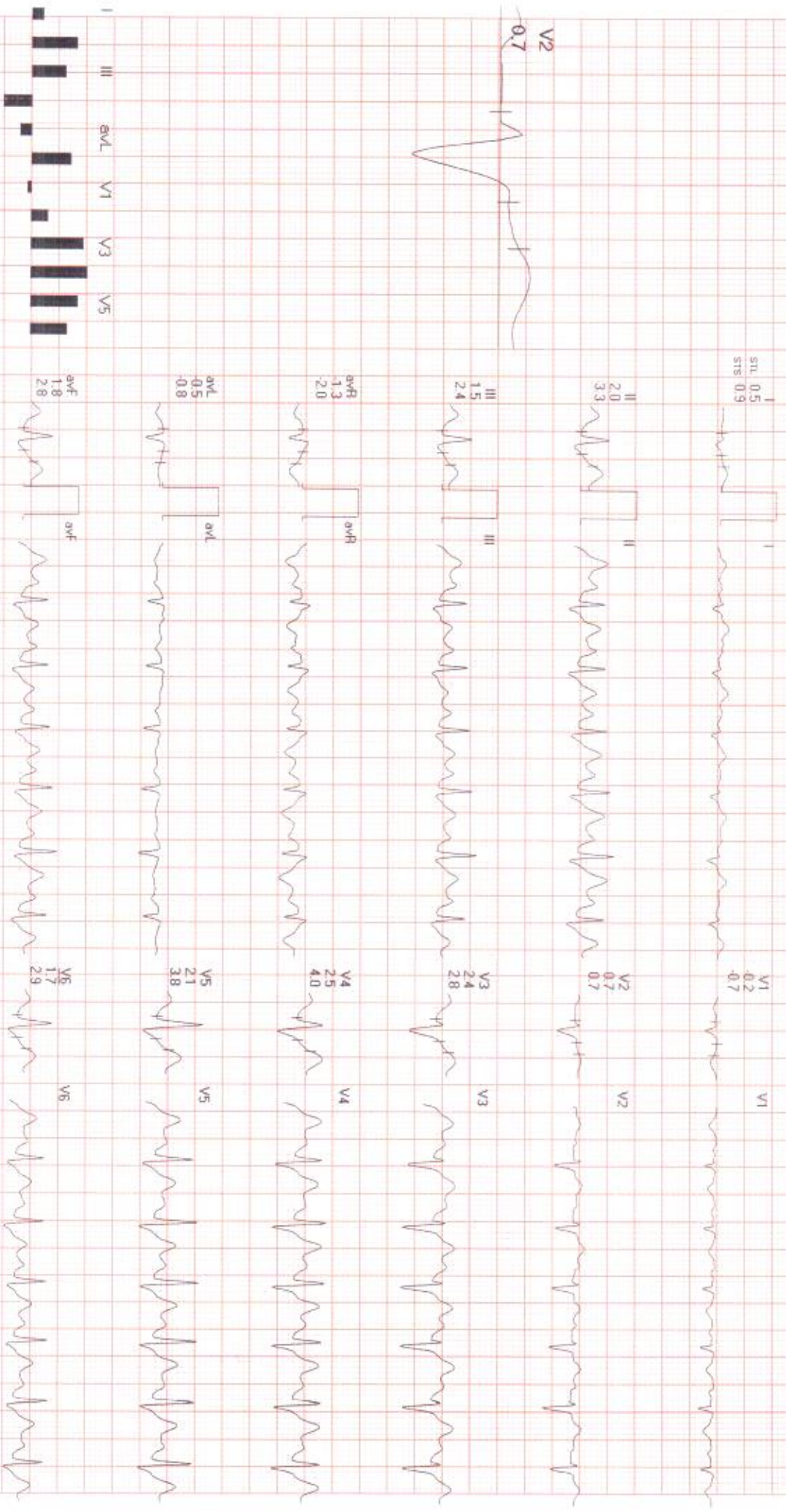
1275 (2307900907) / NEETU JAIN / 36 Yrs / F / 167 Cms / 68 Kg / HR 130

Date: 20 / 03 / 2023 11:28:16 AM METS: 1.0 / 1.30 bpm 71% of THR BP: 140/80 mmHg Raw ECG/BLQ On/ Natch On/ HF 0.05 Hz/ LF 35 Hz
 4X 60 ms Post J

Recovery : (01:21)



ExTime: 04:32 g.U.Kmph: 0.0%
 25 mm/Sec 1.0 Cm/mV



REMARKS:

CID# : 2307900907
 Name : MRS. NEETU JAIN
 Age / Gender : 36 Years/Female
 Consulting Dr. :
 Reg. Location : Kandivali East (Main Centre)

Collected : 20-Mar-2023 / 09:23
 Reported : 21-Mar-2023 / 08:44

PHYSICAL EXAMINATION REPORT

History and Complaints:

Pain in teeth since 7-8 month.

EXAMINATION FINDINGS:

Height (cms):	167 cms	Weight (kg):	68 kgs
Temp (0c):	Afebrile	Skin:	fungal infection LL toe nails
Blood Pressure (mm/hg):	120/80	Nails:	Normal
Pulse:	72/min	Lymph Node:	Not palpable

Systems

Cardiovascular: Normal
 Respiratory: Normal
 Genitourinary: Normal
 GI System: Normal
 CNS: Normal

IMPRESSION:

*Wbc - 70-75 pus cells
 - dysplasia
 Tu - 109*

ADVICE:

*- low fatty diet
 - Plenty of oral fluids
 - T. Norflex (40mg)
 - 1-2 x 109*

*Adv
 - Wbc 109
 - T₂ Tu TBM - 3x10⁹*

CID# : 2307900907

Name : MRS NEETU JAIN

Age / Gender : 36 Years/Female

Consulting Dr. :

Collected : 20-Mar-2023 / 09:23

Reg.Location : Kandivali East (Main Centre)

Reported : 21-Mar-2023 / 08:44

CHIEF COMPLAINTS:

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

PERSONAL HISTORY:

- | | |
|---------------|-----|
| 1) Alcohol | No |
| 2) Smoking | No |
| 3) Diet | Veg |
| 4) Medication | No |

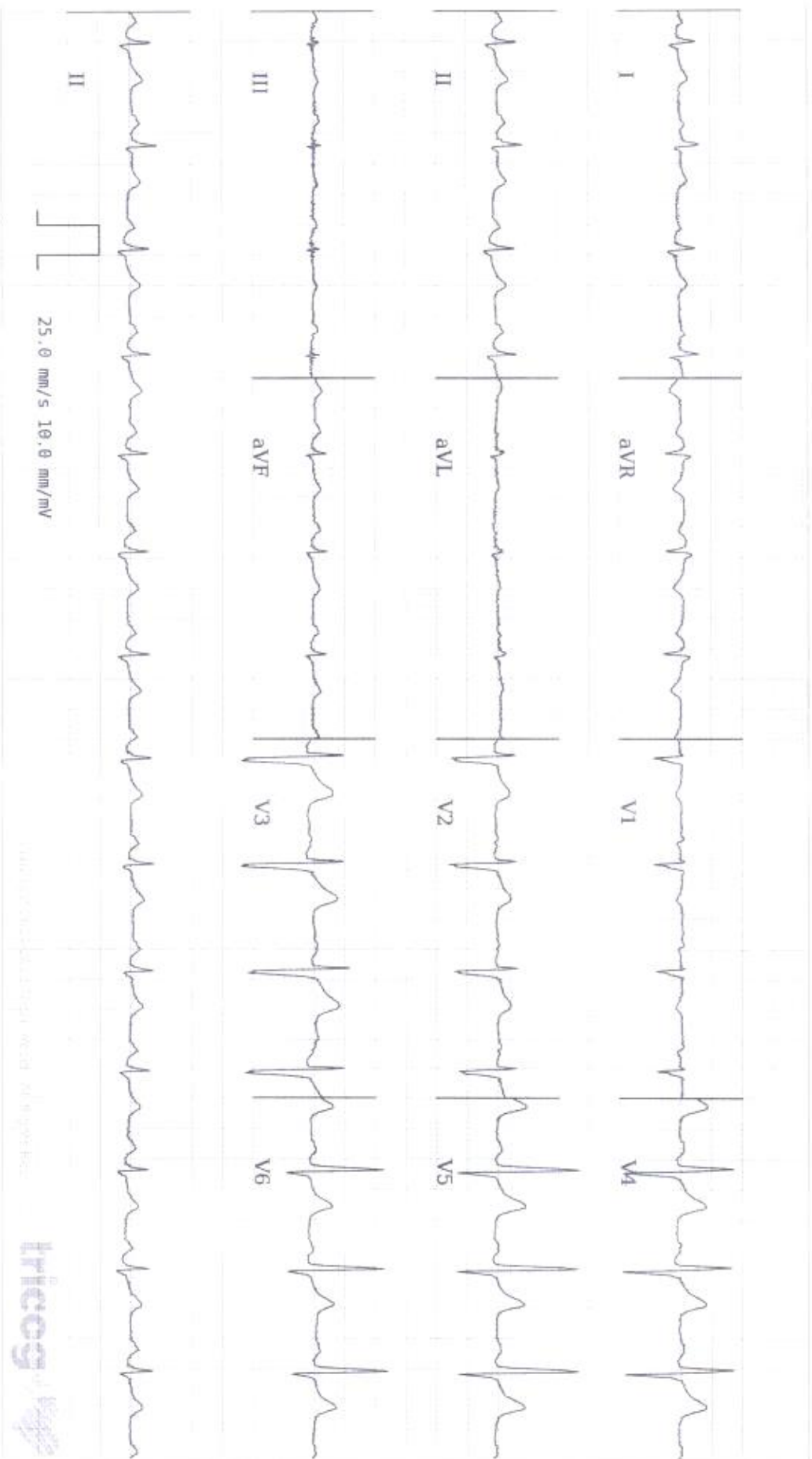
SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.
Floor: Ground Floor, 3, Aashirvan,
Thakur V. K. Road, Kandivali (East),
Mumbai - 400 091.
Tel : 61700300

*** End Of Report ***

Patient Name: **NEETU JAIN**

Date and Time: **20th Mar 23 9:45 AM**

Patient ID: **2307900907**



25.0 mm/s 10.0 mm/mV



Age **36** **7** **16**
years months days

Gender **Female**

Heart Rate **89bpm**

Patient Vitals

BP: **120/80 mmHg**

Weight: **68 kg**

Height: **167 cm**

Pulse: **NA**

SpO2: **NA**

Resp: **NA**

Others:

Measurements

QRSD: **98ms**

QT: **364ms**

QTc: **44.2ms**

PR: **160ms**

P-R-T: **69° 44° 48°**

ECG Within Normal Limits: Low Voltage Complexes, Sinus Rhythm. Please correlate clinically.

REPORTED BY

DR AKHIL PARULEKAR
MBBS, MD, MEDICINE, DNB Cardiology

2012082583

Disclaimer: This analysis in this report is based on ECG alone, and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. Physical vitals are as entered by the clinician and not derived from the ECG.

Date:- 20/3/23

CID: 2307900907

Name:- Mrs. Neelu Jain

Sex/Age: F/36

EYE CHECK UP

Chief complaints: Routine check up

Systemic Diseases: No H/O S/I

Past history: No H/O Ocular surgery

Unaided Vision: 6/6b/w 6/6b/w

logs not brought

Aided Vision: - -

Refraction: *Emmetropic*

	(Right Eye)				(Left Eye)			
	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance	±	0.50	180	6/6	±	0.50	180	6/6
Near				2/6				2/6

Colour Vision: Normal / Abnormal

Remark: Vn within normal limit

Kajal H.
KAJAL NAGRECHA
OPTOMETRIST

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.
Row House No. 3, Aangan,
Thakur Village, Kandivali (east),
Mumbai - 400101.
Tel : 61700800

Authenticity Check
<<QRCode>>

CID : 2307900907
Name : Mrs NEETU JAIN
Age / Sex : 36 Years/Female
Ref. Dr :
Reg. Location : Kandivali East Main Centre
Reg. Date : 20-Mar-2023
Reported : 20-Mar-2023 / 17:27

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Application To Scan the Code

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.

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. X ray is known to have inter observer variations. Further / follow up imaging may be needed in some cases for confirmation / exclusion of diagnosis. Please interpret accordingly.

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


DR. SHRIKANT M. BODKE
D.M.R.E., M.B.B.S.
Reg. No. 2006/04/2376

[Click here to view images <<ImageLink>>](#)

REGD. OFFICE: Suburban Diagnostics (India) Pvt. Ltd., Aston, 2nd Floor, Sundervan Complex, Above Mercedes Showroom, Andheri West, Mumbai - 400053.
CENTRAL REFERENCE LABORATORY: Shop No. 9, 101 to 105, Skyline Wealth Space Building, Near Dmart, Premier Road, Vidyavihar (W), Mumbai - 400086.

HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnosics.com | WEBSITE: www.suburbandiagnosics.com

Corporate Identity Number (CIN): U85110MH2002PTC136144

CID : 2307900907
Name : Mrs NEETU JAIN
Age / Sex : 36 Years/Female
Ref. Dr :
Reg. Location : Kandivali East Main Centre

Reg. Date : 20-Mar-2023
Reported : 20-Mar-2023 / 10:27

Use a QR Code Scanner
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USG WHOLE ABDOMEN

LIVER:

The liver is normal in size (14.8 cm) shape and smooth margins. It shows normal parenchymal echo pattern. The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein measures 12 mm and CBD appears measures 3.4 mm .
The main portal vein and CBD appears normal.

GALL BLADDER:

The gall bladder is physiologically distended and appears normal. No evidence of gall stones or mass lesions seen

PANCREAS:

The pancreas is well visualized and appears normal. No evidence of solid or cystic mass lesion.

KIDNEYS:

Right kidney measures 11.3 x 4.0 cm. Left kidney measures 11.1 x 5.6 cm.
Both the kidneys are normal in size shape and echotexture.
No evidence of any calculus, hydronephrosis or mass lesion seen.

SPLEEN:

The spleen is normal in size (9.3 cm) and echotexture. No evidence of focal lesion is noted.
There is no evidence of any lymphadenopathy or ascites.

URINARY BLADDER:

The urinary bladder is well distended and reveal no intraluminal abnormality.

UTERUS:

The uterus is anteverted and appears normal. It measures 8.9 x 4.3 x 3.5 cm in size.
The endometrial thickness is 6.2 mm.

OVARIES:

Both the ovaries are well visualized and appears normal.
There is no evidence of any ovarian or adnexal mass seen.
Right ovary = 3.1 x 1.6 cm Left ovary = 3.1 x 1.9 cm

Click here to view images <<ImageLink>>

CID : 2307900907
Name : Mrs NEETU JAIN
Age / Sex : 36 Years/Female
Ref. Dr :
Reg. Location : Kandivali East Main Centre

Reg. Date : 20-Mar-2023
Reported : 20-Mar-2023 / 10:27

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IMPRESSION:-

NO SIGNIFICANT ABNORMALITY IS SEEN.

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



DR. Akash Chhari
MBBS. MD. Radio-Diagnosis Mumbai
MMC REG NO - 2011/08/2862

[Click here to view images <<ImageLink>>](#)



CID : 2307900907
Name : MRS.NEETU JAIN
Age / Gender : 36 Years / Female
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 13:41

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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>
<u>RBC PARAMETERS</u>			
Haemoglobin	11.5	12.0-15.0 g/dL	Spectrophotometric
RBC	4.40	3.8-4.8 mil/cmm	Elect. Impedance
PCV	36.1	36-46 %	Measured
MCV	82	80-100 fl	Calculated
MCH	26.2	27-32 pg	Calculated
MCHC	31.9	31.5-34.5 g/dL	Calculated
RDW	14.4	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	5070	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	39.1	20-40 %	
Absolute Lymphocytes	1982.4	1000-3000 /cmm	Calculated
Monocytes	5.8	2-10 %	
Absolute Monocytes	294.1	200-1000 /cmm	Calculated
Neutrophils	49.8	40-80 %	
Absolute Neutrophils	2524.9	2000-7000 /cmm	Calculated
Eosinophils	4.3	1-6 %	
Absolute Eosinophils	218.0	20-500 /cmm	Calculated
Basophils	1.0	0.1-2 %	
Absolute Basophils	50.7	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	237000	150000-400000 /cmm	Elect. Impedance
MPV	9.8	6-11 fl	Calculated
PDW	18.3	11-18 %	Calculated

RBC MORPHOLOGY



CID : 2307900907
Name : MRS.NEETU JAIN
Age / Gender : 36 Years / Female
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 13:12

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Hypochromia	Mild
Microcytosis	Occasional
Macrocytosis	-
Anisocytosis	-
Poikilocytosis	-
Polychromasia	-
Target Cells	-
Basophilic Stippling	-
Normoblasts	-
Others	-
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 Borivali Lab, Borivali West
*** End Of Report ***

Bmhasakar

Dr.KETAKI MHASKAR
M.D. (PATH)
Pathologist



CID : 2307900907
Name : MRS.NEETU JAIN
Age / Gender : 36 Years / Female
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 14:47

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	92.0	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	114.0	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.41	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.15	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	2.0	1 - 2	Calculated
SGOT (AST), Serum	20.2	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	16.4	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	13.5	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	52.2	35-105 U/L	Colorimetric
BLOOD UREA, Serum	14.3	12.8-42.8 mg/dl	Kinetic
BUN, Serum	6.7	6-20 mg/dl	Calculated
CREATININE, Serum	0.64	0.51-0.95 mg/dl	Enzymatic



CID : 2307900907
Name : MRS.NEETU JAIN
Age / Gender : 36 Years / Female
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 20-Mar-2023 / 12:30
Reported : 20-Mar-2023 / 17:10

Use a QR Code Scanner
Application To Scan the Code

eGFR, Serum	112	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	3.8	2.4-5.7 mg/dl	Enzymatic
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 Borivali Lab, Borivali West
*** End Of Report ***

Bmhaskar

Dr.KETAKI MHASKAR
M.D. (PATH)
Pathologist





CID : 2307900907
Name : MRS.NEETU JAIN
Age / Gender : 36 Years / Female
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Use a QR Code Scanner
Application To Scan the Code
Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 13:56

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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.6	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	114.0	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 Borivali Lab, Borivali West

*** End Of Report ***



Bmhasakar

Dr.KETAKI MHASKAR
M.D. (PATH)
Pathologist



CID : 2307900907
Name : MRS.NEETU JAIN
Age / Gender : 36 Years / Female
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 19:36

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>PHYSICAL EXAMINATION</u>			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	8.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.001-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	10	-	-
<u>CHEMICAL EXAMINATION</u>			
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
<u>MICROSCOPIC EXAMINATION</u>			
Leukocytes(Pus cells)/hpf	70-75	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	12-15		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	++	Less than 20/hpf	
Others	-		

Note:Sample quantity less than 12ml.



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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 Borivali Lab, Borivali West
*** End Of Report ***



NR Jain

Dr.VIPUL JAIN
M.D. (PATH)
Pathologist



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Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 13:42

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

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

NOTE: Test performed by automated Erythrocytes magnetized technology (EMT) which is more sensitive than conventional methods.

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 SDRL, Vidyavihar Lab
*** End Of Report ***

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Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 14:47

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	199.7	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	90.7	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	46.5	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	153.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	135.0	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	18.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.3	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.9	0-3.5 Ratio	Calculated

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***

Bmhasakar

Dr.KETAKI MHASKAR
M.D. (PATH)
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Reg. Location : Kandivali East (Main Centre)

Collected : 20-Mar-2023 / 09:29
Reported : 20-Mar-2023 / 18:22

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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	4.2	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	10.9	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	4.75	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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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 Borivali Lab, Borivali West

*** End Of Report ***

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