



Email:

2834 / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg Date: 10 / 02 / 2024 09:19:51 AM Refd By : ARCOFEMI

REPORT :

Heart Rate 165.0 bpm

Systolic BP 160.0 mmHg Diastolic BP 80.0 mmHg

Exercise Time 09:32 Mins Ectopic Beats 0.0

METS 10.81 est End Reason , Heart Rate Achieved Target Heart Rate 89% of 185

TEST OBJECTIVE	ROUTINE CHECK UP
RISK FACTOR	NONE
ACTIVITY	MODERATE ACTIVE
MEDICATION	NONE
REASON FOR TERMINATION	HEART RATE ACHIEVED
EXERCISE TOLERANCE	GOOD
EXERCISE INDUCED ARRHYTHMIAS	NO
HAEMODYNAMIC RESPONSE	NORMAL
CHRONOTROPIC RESPONSE	NORMAL
FINAL IMPRESSION	NO SIGNIFICANT ST-T CHANGES NOTED STRESS TEST IS NEGATIVE FOR EXERCISE INDUCED ISCHAEMIC HEART DISEASE FOR GIVEN DURATION OF EXERCISE

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 KANDIVALI EAST PVT. LTD.

More branches at:
Thakur Vihar, Kandivali (East),
Mumbai - 402101,
Tel : 817600000

Dr. Akhil P. Parulekar
Dr. Akhil P. Parulekar
MBBS, MD, DNB (Cardiology)
Reg. No. 2612002483

Doctor : DR. AKHIL PARULEKAR

SUBURBAN DIAGNOSTICS KANDIVALI EAST

Email:

Report

2834 (9907097773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg
 Date: 10 / 02 / 2024 09:19:51 AM Refd By: ARCOFEMI Examined By: DR.AKHIL PARULEKAR



Stage	Time	Duration	Speed(kmph)	Elevation	METS	Rate	%THR	BP	RRP	PVC	Comments
Supine	00:07	0:07	00.0	00.0	01.0	079	43%	130/80	102	00	
Standing	00:35	0:28	00.0	00.0	01.0	083	45%	130/80	107	00	
HV	00:39	0:04	00.0	00.0	01.0	083	45%	130/80	107	00	
ExStart	01:03	0:24	00.0	00.0	01.0	087	47%	130/80	113	00	
BRUCE Stage 1	04:03	3:00	02.7	10.0	04.7	106	57%	130/80	137	00	
BRUCE Stage 2	07:03	3:00	04.0	12.0	07.1	124	67%	130/80	161	00	
BRUCE Stage 3	10:03	3:00	05.5	14.0	10.2	150	81%	150/80	225	00	
PeakEx	10:35	0:32	06.8	16.0	10.8	165	89%	160/80	264	00	
Recovery	11:35	1:00	00.0	00.0	04.2	130	70%	160/80	208	00	
Recovery	11:49				00.0	000	0%	---	000	00	

FINDINGS :

Exercise Time : 09:32
 Initial HR (ExStrt) : 87 bpm 47% of Target 185
 Initial BP (ExStrt) : 130/80 (mm/Hg)
 Max Workload Attained : 10.8 Good response to induced stress
 Duke Treadmill Score : 05.4
 Test End Reasons : Heart Rate Achieved

Max HR Attained 165 bpm 89% of Target 185
 Max BP Attained 160/80 (mm/Hg)

SUBURBAN DIAGNOSTICS (KTM) PVT LTD.
 Plot House No. 12, Jangpore,
 Thakur Vihar, Kandivali East (West),
 Mumbai - 400 105.
 Tel : 617000000

Dr. Akhil Parulekar,
 MBBS, MD, Medicine
 DNB Cardiology
 Reg. No. 2012082483

Doctor : DR.AKHIL PARULEKAR

SUBURBAN DIAGNOSTICS KANDIVALI EAST

SUPINE (00:07)



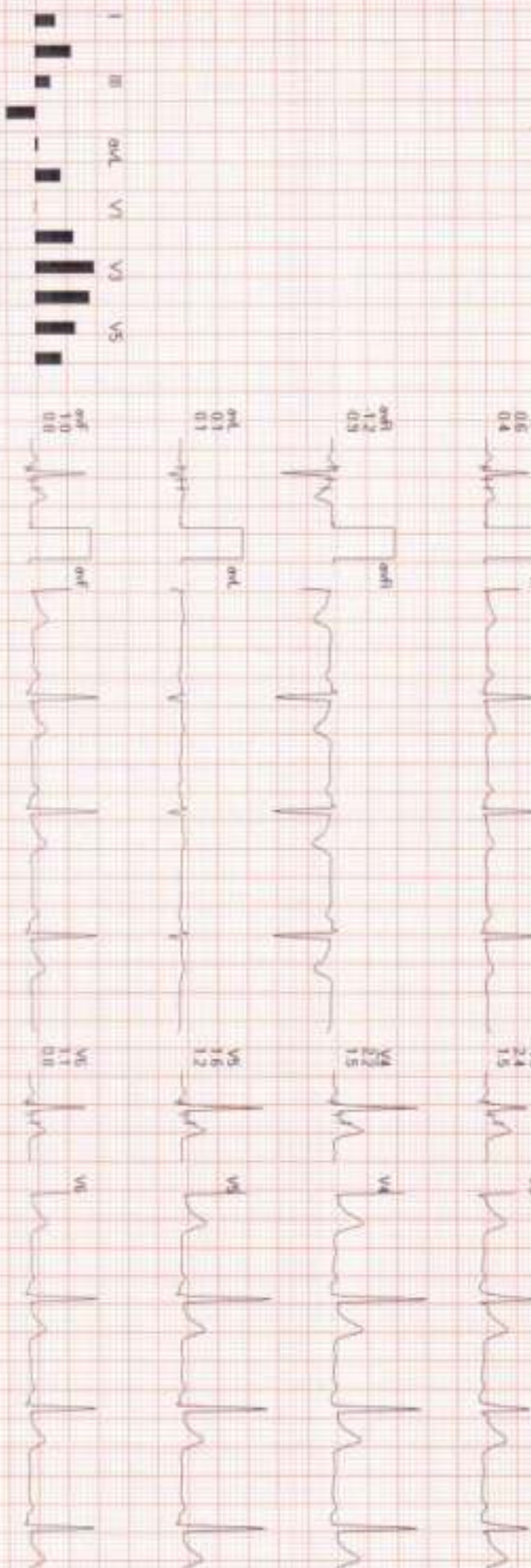
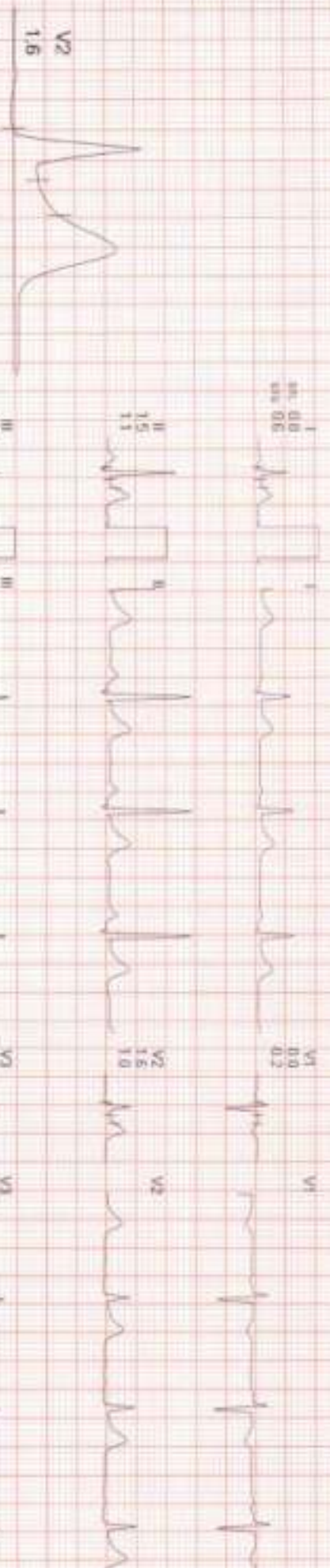
2834 (0907097723) / SUNIT KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 79

Date: 10/02/2024 09:19:51 AM METS: 1.1l/79 bpm 43% of THR BP: 130/80 mmHg Pw: ECG/BEC On/Noch On/HR: 0.05 Hz/AF 35 Hz

ExTime: 00:00.00 Kmpt: 0.00s

4X (30 sec Print)

Zoom/Fac: 1.00/0.00



REMARKS:

SUBURBAN DIAGNOSTICS KANDIVALI EAST

STANDING (00:28)



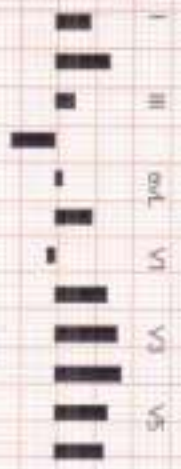
2834 (9907097773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 83

Date: 10 / 02 / 2024 09:19:51 AM METS: 1.0 (83 bpm, 45% of THR) BP: 130/80 mmHg Raw ECG/BLC ON/NOISE ON/HF 0.95 HOLD 35 Hz

EXTime: 00:00:00 KrgPa: 0.0%

4X 80 ms Row 1

ZoomFac: 1.0 Over



REMARKS:

SUBURBAN DIAGNOSTICS KANDIVALI EAST

HV (00:04)

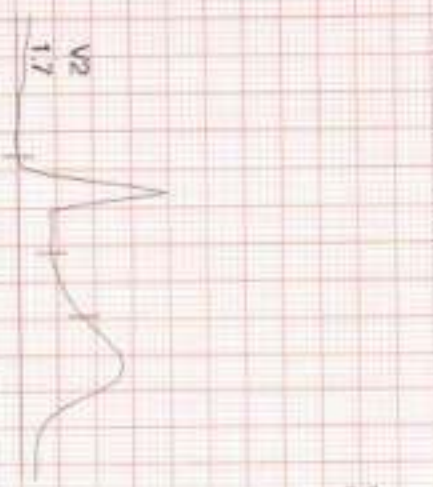


28234 (9907097773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 83

Date: 10/02/2024 09:19:51 AM METS: 1.0/ 03 bpm 45% of THP. BP: 120/80 mmHg. Flow ECG/BLD Oxy/Respir ON/HF 0.05 Hz/2F 35 Hz

4X (30 sec Print)

Ext Time 00:00 0.0 Kmph 0.0%
25 mm/sec 1.0 Cm/mV



PR 177
QRS 110
QT 380
QTc 40.0

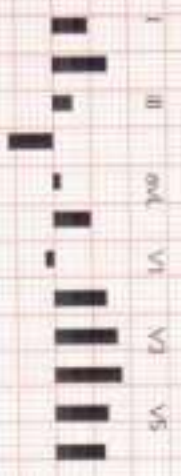
PR 178
QRS 110
QT 370
QTc 41.4

PR 166
QRS 106
QT 360
QTc 40.6

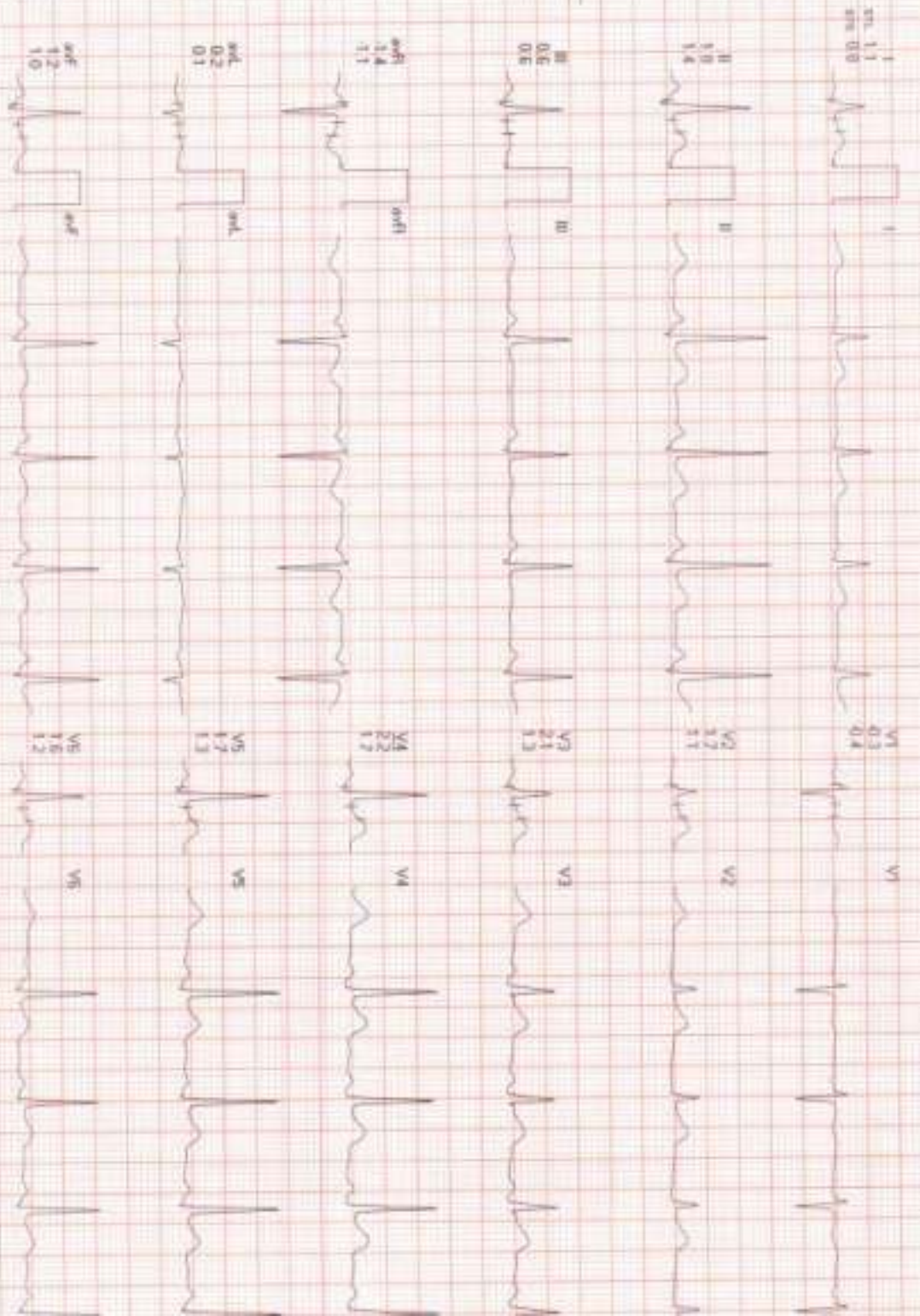
PR 174
QRS 111
QT 370
QTc 41.1

PR 162
QRS 101
QT 360
QTc 40.1

PR 172
QRS 110
QT 370
QTc 41.0



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



PR 171
QRS 103
QT 370
QTc 40.4

PR 172
QRS 111
QT 370
QTc 41.1

PR 171
QRS 103
QT 370
QTc 40.4

PR 172
QRS 111
QT 370
QTc 41.1

PR 172
QRS 111
QT 370
QTc 41.1

PR 176
QRS 112
QT 370
QTc 41.2

SUBURBAN DIAGNOSTICS KANDIVALI EAST

ExStn



28234 (9907097773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 87

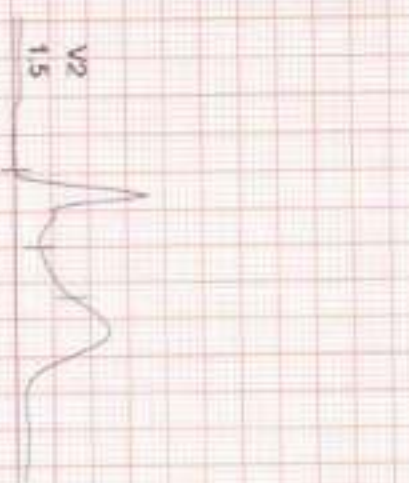
Date: 10/02/2024 09:19:51 AM

WETS: 1 IU/87 bpm 47% of TH48 BP: 130/80 mmHg Rvw ECG/BLC DW/NI/CH DW/HR 0.05 HU/AF 35 Hz

ExTime: 00:00 0.0 Vmph 0.0%

AX 30 rds Print 1

25mm/sec 180mmV



PR: 150
QRS: 115

QT: 412
QTc: 385

PR: 229
QRS: 119

QT: 415
QTc: 388

PR: 132
QRS: 85

QT: 244
QTc: 188

PR: 117
QRS: 114

QT: 239
QTc: 223

PR: 000
QRS: 000

QT: 224
QTc: 199

PR: 117
QRS: 114

QT: 199
QTc: 184



REMARKS

I aVR aVL V1 V2 V3 V4 V5 V6

SUBURBAN DIAGNOSTICS KANDIVALI EAST

BRUCE : Stage 1 (03:00)



2834 (9907097773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 106

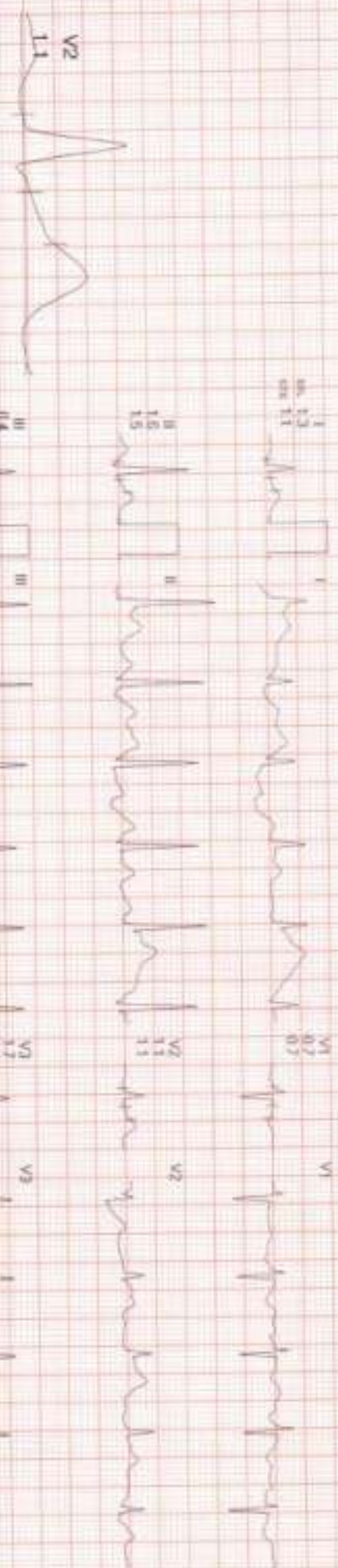
Date: 19/02/2024 09:19:51 AM

METS: 4.7/106 bpm 57% of THR BP: 130/80 mmHg Pgw: ECG/BLC ON/NOCH ON/HE 0.05 Hz LF 35 Hz

ExTime: 03:00 2.77mch, 10.0%

AX 8065 Page 1

55mm/sec 1.0 Div/Div



REMARKS



SUBURBAN DIAGNOSTICS KANDIVALI EAST

BRUCE : Stage 2 (03:00)



2834 (9907097773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 124

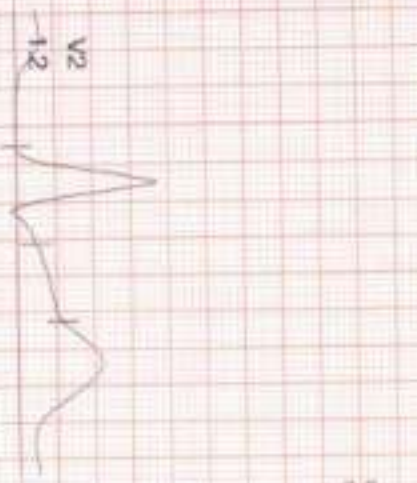
Date: 10 / 02 / 2024 (08:19:51 AM)

NETS: 71 / 124 bpm 67% of T-RS BP: 130/80 mmHg Pgw: ECG/ BLC ON/ Noch ON/ PRF: 0.05 Hz/ LF: 35 Hz

ExTime: 06:00 4.0 Emph: 12.0%

4X 00:46 Print J

2mm/5sec 1.00mV



PR: 162
QRS: 88
QT: 382

PR: 0.17
QRS: 1.0
QT: 1.0

PR: 162
QRS: 88
QT: 382

PR: 0.17
QRS: 1.0
QT: 1.0

PR: 162
QRS: 88
QT: 382

PR: 0.17
QRS: 1.0
QT: 1.0

PR: 162
QRS: 88
QT: 382

PR: 0.17
QRS: 1.0
QT: 1.0

PR: 162
QRS: 88
QT: 382

PR: 0.17
QRS: 1.0
QT: 1.0

PR: 162
QRS: 88
QT: 382

PR: 0.17
QRS: 1.0
QT: 1.0



REMARKS



SUBURBAN DIAGNOSTICS KANDIVALI EAST

BRUCE : Stage 3 (03:00)



2834 (8907097779) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 150

Date: 10/02/2024 09:18:51 AM METS: 10.2/150 bpm 81% of THR BP: 150/80 mmHg Paw ECG/BLC ON/ Natch ON/HR 0.95 Hz/LF 35 Hz

ExTime 09:00 5.5 Kemp 14.0%

4X 10 x6 World

2LeadSec 1.0 Over

0.6
0.1
1.4

0.1
0.1
0.2



0.2
0.2
0.7

1.8
1.8
1.0



V2
1.0

0.8
0.8
1.2

0.5
0.5
1.2



0.2
0.2
0.7

0.6
0.6
2.3



0.8
0.8
0.1

0.6
0.6
1.0



0.5
0.5
1.5

0.1
0.1
1.7



REMARKS
I II aVL aVF V1 V2 V3 V4 V5 V6

SUBURBAN DIAGNOSTICS KANDIVALI EAST

PeakEX



28324 (8907097773) / SUNIL KUMAR / 35 Yrs / M / 178 Cms / 83 Kg / HR : 165

Date: 10/10/2024 (09:19:51 AM) METS: 10.0/165 bpm 89% of THR BP: 160/80 mmHg Pwv ECG/BLD OIV/NOIV/DV/HF 0.05 Hz/25 Hz

ExTime: 09:32 4.07cmph 16.0%
25 sec/1.0 cm/div

AX 60 mV Paper I



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



PR: 0.18
QRS: 0.08
QT: 0.36
QTc: 0.32



REMARKS: I II aVR aVL V1 V2 V3 V4 V5 V6

SUBURBAN DIAGNOSTICS KANDIVALI EAST

Recovery : (01:00)

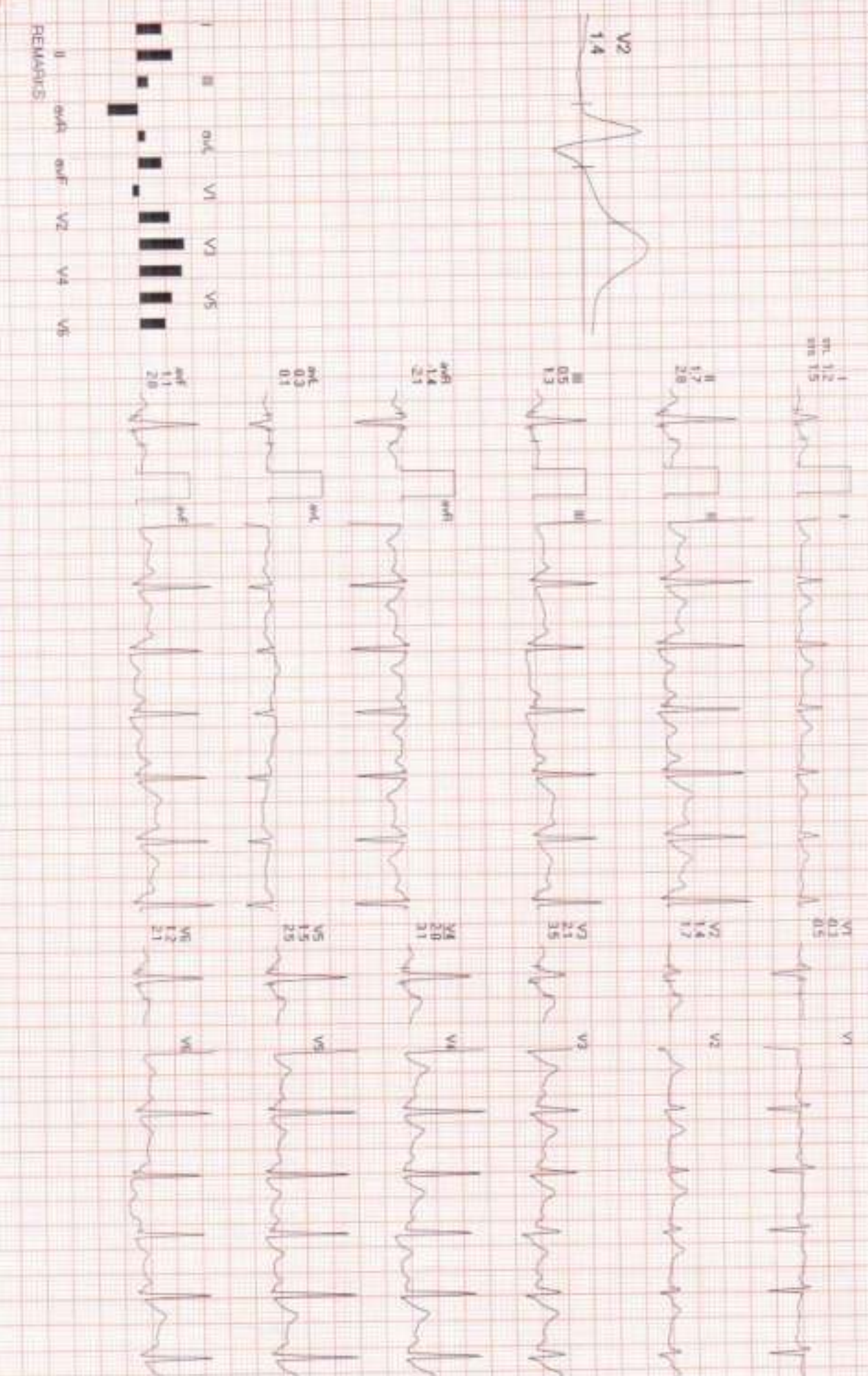


2804 (9907097773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR : 130

Date: 10/02/2024 08:18:51 AM METS: 4.2/130 bpm 70% of THR BP: 150/80 mmHg Pw-ECG/BLC-ON/NOON ON/HF 9.05 H&LF 35 ME

4X 10 ms Paper

EXTime: 09:32 80kmph 80%
ScanSec: 1.00/min



SUBURBAN DIAGNOSTICS KANDIVALI EAST

Recovery : (01:14)

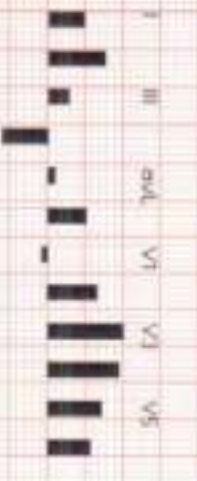
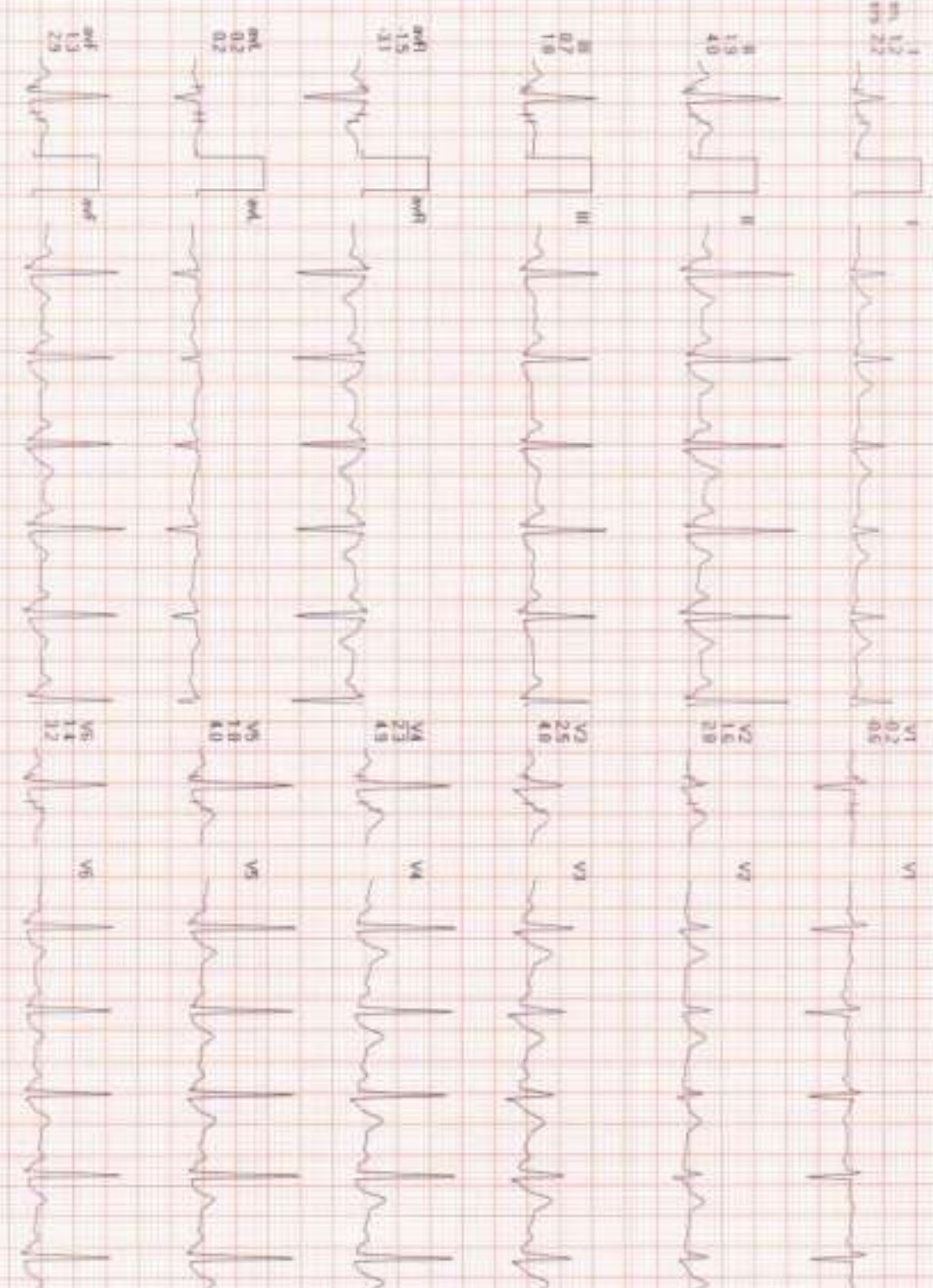
2834 (990709773) / SUNIL KUMAR / 35 Yrs / M / 176 Cms / 83 Kg / HR 115

Date: 10/02/2024 09:13:51 AM METS: 110/115 bpm 62% of THR BP: 140/80 mmHg Flow ECG/BLC ON/NOISE ON/HF 0.05 Hz/AF 35 Hz

ExTime 09:32 0.07mgh 9.0%

4X 30 sec Paced

25mm/sec 1.0 Cal/cm



REMARKS:



Name : MR.YADAV SUNIL KUMAR

Age / Gender : 35 Years/Male

Consulting Dr. :

Reg.Location : Kandivall East (Main Centre)

Collected : 10-Feb-2024 / 09:56

Reported : 11-Feb-2024 / 10:17

PHYSICAL EXAMINATION REPORT

History and Complaints:

Pain in epididymis region, IBS off & on

EXAMINATION FINDINGS:

Height (cms): 176 cms

Temp (0c): Afebrile

Blood Pressure (mm/hg): 130/80

Pulse: 72/min

Weight (kg): 83 kgs

Skin: Normal

Nails: Normal

Lymph Node: Not Palpable

Systems

Cardiovascular: Normal

Respiratory: Normal

Genitourinary: Normal

GI System: Normal

CNS: Normal

IMPRESSION:

usa - fatty liver

ADVICE:

low fatty diet

CHIEF COMPLAINTS:

1) Hypertension: No

Name : MR.YADAV SUNIL KUMAR
Age / Gender : 35 Years/Male
Consulting Dr. :
Reg.Location : Kandivali East (Main Centre)

Collected : 10-Feb-2024 / 09:56
Reported : 11-Feb-2024 / 10:17

- | | |
|--|----|
| 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 | Mix |
| 4) Medication | No |

*** End Of Report ***

Reg. No. 69548
Consultant Physician
MIBBS

Dr. Jagruti Dhale

Dr.JAGRUTI DHALE

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.

Plot House No. 3, Ashgan,
Thakar Village, Kandivali (east),
Mumbai - 400101.
Tel : 61700000

Dr. Jagruti Dhale
MIBBS
Consultant Physician
Reg. No. 69548



Use a QR Code Scanner
Application To Scan the Code

CID : 2404122470
Name : Mr YADAV SUNIL KUMAR
Age / Sex : 35 Years/Male
Ref. Dr :
Reg. Location : Kandivali East Main Centre

Reg. Date : 10-Feb-2024
Reported : 11-Feb-2024 / 7:44

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-----

DR. SUDHANSHU SAXENA
Consultant Radiologist
M.B.B.S DMRE (RadioDiagnosis)
RegNo .MMC 2016061376.

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2024021009571254>

Page no 1 of 1

NAME : MR SUNIL KUMAR
REF BY :
CID NO :-

DATE : 10/02/2024
AGE / SEX : 35 YR / M

USG WHOLE ABDOMEN

LIVER:

The liver is normal in size (14.7 cm) shape and smooth margins. **It shows bright 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 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 10.4 x 5.4 cm. Left kidney measures 11.1 x 5.2 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 (9.6 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.

PROSTATE:

The prostate is normal in size and measures 3.4 x 3.3 x 3.0 cm and volume is 18 cc.

IMPRESSION:

GRADE II FATTY LIVER.

----End of Report----



DR AKASH CHHARI
MD, RADIOLOGY
CONSULTANT RADIOLOGIST

Date:- 10/2/24

CID:

Name:- Sunil Kumar

Sex/Age:

EYE CHECK UP

Chief complaints: NO

Systemic Diseases: NO

Past history: NO

Unaided Vision:

Aided Vision:

Refraction:

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance	-	-	-	6/6	-	-	-	6/6
Near	-	-	-	NIG	-	-	-	NIG

Colour Vision: Normal/Abnormal

Remark: Normal

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.
Row 15, Phase 1, ...
Thakur Vihar, ...
Mumbai - 400053.
Tel : 61700000



CID : 2404122470
Name : MR.YADAV SUNIL KUMAR
Age / Gender : 35 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 10-Feb-2024 / 10:01
Reported : 10-Feb-2024 / 12:41

Use a QR Code Scanner
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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	15.7	13.0-17.0 g/dL	Spectrophotometric
RBC	5.37	4.5-5.5 mil/cmm	Elect. Impedance
PCV	46.0	40-50 %	Measured
MCV	86	80-100 fl	Calculated
MCH	29.3	27-32 pg	Calculated
MCHC	34.2	31.5-34.5 g/dL	Calculated
RDW	14.9	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	4990	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	48.2	20-40 %	
Absolute Lymphocytes	2405.2	1000-3000 /cmm	Calculated
Monocytes	7.9	2-10 %	
Absolute Monocytes	394.2	200-1000 /cmm	Calculated
Neutrophils	38.4	40-80 %	
Absolute Neutrophils	1916.2	2000-7000 /cmm	Calculated
Eosinophils	4.9	1-6 %	
Absolute Eosinophils	244.5	20-500 /cmm	Calculated
Basophils	0.6	0.1-2 %	
Absolute Basophils	29.9	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	298000	150000-400000 /cmm	Elect. Impedance
MPV	9.9	6-11 fl	Calculated
PDW	17.2	11-18 %	Calculated

RBC MORPHOLOGY

Hypochromia	-
Microcytosis	-



CID : 2404122470
Name : MR.YADAV SUNIL KUMAR
Age / Gender : 35 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 10-Feb-2024 / 10:01
Reported : 10-Feb-2024 / 12:08

Use a QR Code Scanner
Application To Scan the Code

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 2-15 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 Insert
- 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 Borivali Lab, Borivali West

*** End Of Report ***



J. Thakker

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



CID : 2404122470
Name : MR.YADAV SUNIL KUMAR
Age / Gender : 35 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 10-Feb-2024 / 10:01
Reported : 10-Feb-2024 / 13:32

Use a QR Code Scanner
Application To Scan the Code

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	97.6	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	115.1	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.27	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.18	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.09	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.1	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.7	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
SGOT (AST), Serum	22.7	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	42.0	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	31.5	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	56.2	40-130 U/L	Colorimetric
BLOOD UREA, Serum	19.1	12.8-42.8 mg/dl	Kinetic
BUN, Serum	8.9	6-20 mg/dl	Calculated
CREATININE, Serum	0.93	0.67-1.17 mg/dl	Enzymatic



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Age / Gender : 35 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

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eGFR, Serum	110	(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	3.8	3.5-7.2 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 ***



Bmhasakar

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



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Name : MR.YADAV SUNIL KUMAR
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Reg. Location : Kandivali East (Main Centre)

Collected : 10-Feb-2024 / 10:01
Reported : 10-Feb-2024 / 12:15

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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.

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*** End Of Report ***



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Collected : 10-Feb-2024 / 11:50
Reported : 10-Feb-2024 / 18:08

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
EXAMINATION OF FAECES

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>PHYSICAL EXAMINATION</u>			
Colour	Brown	Brown	-
Form and Consistency	Semi Solid	Semi Solid	-
Mucus	Absent	Absent	-
Blood	Absent	Absent	-
<u>CHEMICAL EXAMINATION</u>			
Reaction (pH)	Acidic (5.5)	-	pH Indicator
Occult Blood	Absent	Absent	Guaiaac
<u>MICROSCOPIC EXAMINATION</u>			
Protozoa	Absent	Absent	-
Flagellates	Absent	Absent	-
Ciliates	Absent	Absent	-
Parasites	Absent	Absent	-
Macrophages	Absent	Absent	-
Mucus Strands	Absent	Absent	-
Fat Globules	Absent	Absent	-
RBC/hpf	Absent	Absent	-
WBC/hpf	Absent	Absent	-
Yeast Cells	Absent	Absent	-
Undigested Particles	Present +	-	-
Concentration Method (for ova)	No ova detected	Absent	-
Reducing Substances	-	Absent	Benedicts

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



Dr. Jageshwar Mandal

Dr.JAGESHWAR MANDAL
CHOUPAL
MBBS, DNB PATH
Pathologist



CID : 2404122470
Name : MR.YADAV SUNIL KUMAR
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Reg. Location : Kandivali East (Main Centre)

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Reported : 10-Feb-2024 / 18:08

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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)	6.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	40	-	-
<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	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	0-1		
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

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



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Collected : 10-Feb-2024 / 10:01
Reported : 10-Feb-2024 / 15:56

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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 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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Reported : 10-Feb-2024 / 13:32

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
CHOLESTEROL, Serum	180.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	92.3	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	49.0	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	131.0	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	113.0	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	18.0	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.7	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.3	0-3.5 Ratio	Calculated

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



J Thakker

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Collected : 10-Feb-2024 / 10:01
 Reported : 10-Feb-2024 / 14:20

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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	4.3	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	18.1	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	4.55	0.35-5.5 microIU/ml mIU/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 trasiently altered becuae 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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