



CID : 2400619201
Name : MR.RAHUL KUMBHAR
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 06-Jan-2024 / 09:04
Reported : 06-Jan-2024 / 11:20

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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	13.6	13.0-17.0 g/dL	Spectrophotometric
RBC	4.72	4.5-5.5 mil/cmm	Elect. Impedance
PCV	40.1	40-50 %	Measured
MCV	85	80-100 fl	Calculated
MCH	28.9	27-32 pg	Calculated
MCHC	34.0	31.5-34.5 g/dL	Calculated
RDW	14.1	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	5750	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	42.8	20-40 %	
Absolute Lymphocytes	2461.0	1000-3000 /cmm	Calculated
Monocytes	6.3	2-10 %	
Absolute Monocytes	362.3	200-1000 /cmm	Calculated
Neutrophils	45.5	40-80 %	
Absolute Neutrophils	2616.3	2000-7000 /cmm	Calculated
Eosinophils	5.0	1-6 %	
Absolute Eosinophils	287.5	20-500 /cmm	Calculated
Basophils	0.4	0.1-2 %	
Absolute Basophils	23.0	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	174000	150000-400000 /cmm	Elect. Impedance
MPV	9.0	6-11 fl	Calculated
PDW	15.3	11-18 %	Calculated
<u>RBC MORPHOLOGY</u>			
Hypochromia	-		
Microcytosis	-		



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

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR **19** 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)



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Age / Gender : 37 Years / Male
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Reg. Location : Borivali West (Main Centre)

Collected : 06-Jan-2024 / 09:04
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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	106.7	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	153.2	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.54	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.25	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.29	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.6	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	3.3	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.3	1 - 2	Calculated
SGOT (AST), Serum	29.7	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	35.1	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	30.1	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	115.0	40-130 U/L	Colorimetric
BLOOD UREA, Serum	15.9	12.8-42.8 mg/dl	Kinetic
BUN, Serum	7.4	6-20 mg/dl	Calculated
CREATININE, Serum	0.90	0.67-1.17 mg/dl	Enzymatic



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eGFR, Serum	113	(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	4.4	3.5-7.2 mg/dl	Enzymatic
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	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



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Collected : 06-Jan-2024 / 09:04
Reported : 06-Jan-2024 / 17:01

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	5.5	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	111.1	mg/dl	Calculated

Intended use:

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

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 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 SDRL, Vidyavihar Lab

*** End Of Report ***



J. Thakker

Dr. JYOT THAKKER
M.D. (PATH), DPB



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Use a QR Code Scanner
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Collected : 06-Jan-2024 / 09:18
Reported : 06-Jan-2024 / 17:04

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 (6.0)	-	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 ***



Bmhasakar

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



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Collected : 06-Jan-2024 / 09:04
Reported : 06-Jan-2024 / 14:26

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)	7.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.005	1.001-1.030	Chemical Indicator
Transparency	Clear	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	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	4-5	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 inert

*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)



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Collected : 06-Jan-2024 / 09:04
Reported : 06-Jan-2024 / 17:21

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 ***



J. Thakker

Dr. JYOT THAKKER
M.D. (PATH), DPB



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Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 06-Jan-2024 / 09:04
Reported : 06-Jan-2024 / 15:17

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	225.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	217.0	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	38.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	186.6	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	168.0	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	18.6	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.9	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	4.4	0-3.5 Ratio	Calculated

Note : LDL test is performed by direct measurement.

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

*** End Of Report ***



MC-2111

J. Thakker

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



CID : 2400619201
 Name : MR.RAHUL KUMBHAR
 Age / Gender : 37 Years / Male
 Consulting Dr. : -
 Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner
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 Collected : 06-Jan-2024 / 09:04
 Reported : 06-Jan-2024 / 13:46

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	5.2	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	16.6	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	1.87	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 ***



Bmhasakar

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

SUBURBAN DIAGNOSTICS - BORIVALI WEST

Patient Name: RAHUL KUMBHAR
Patient ID: 2400619201

Date and Time: 6th Jan 24 10:20 AM

Age **37** NA NA
years months days

Gender **Male**

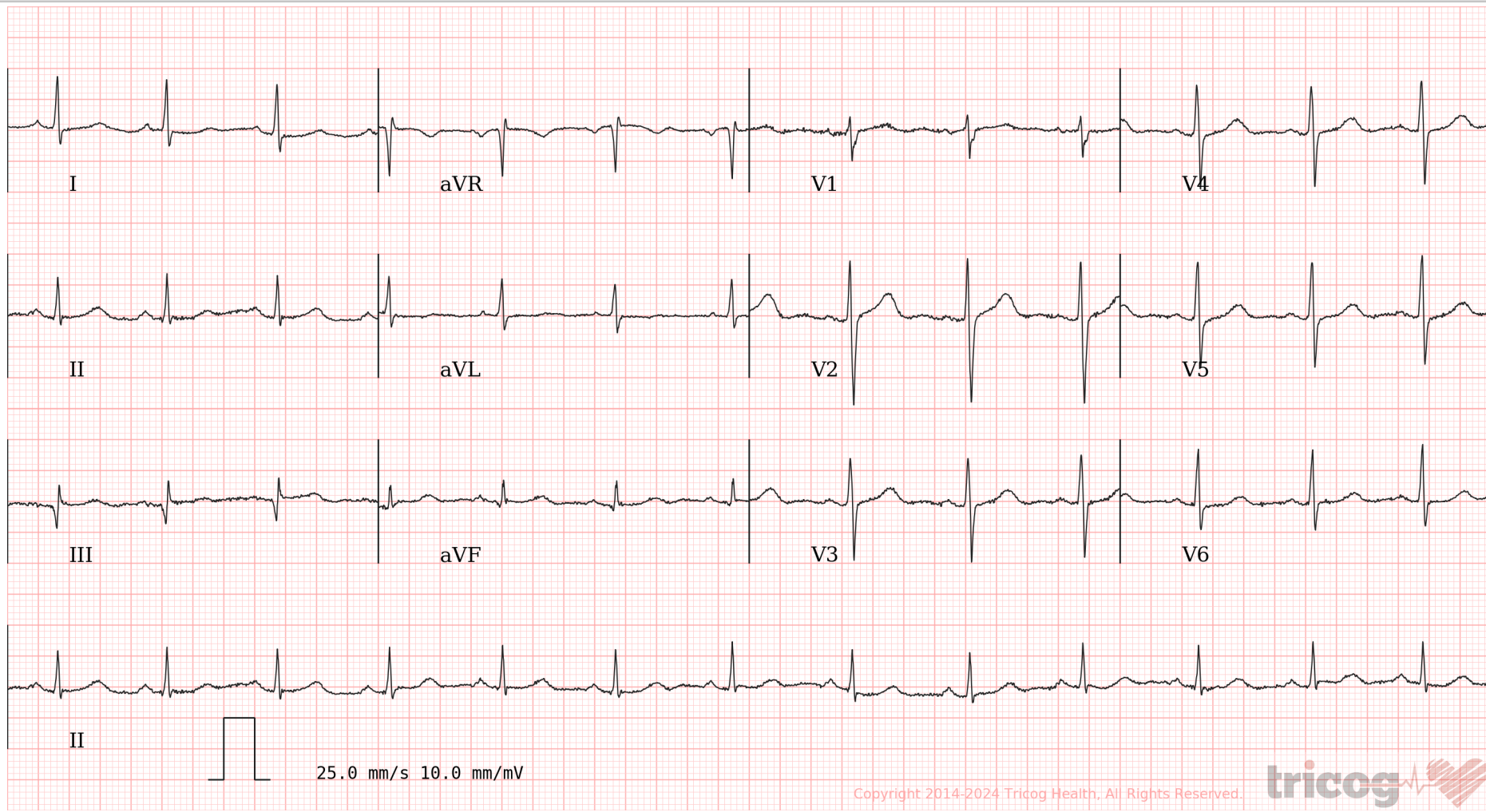
Heart Rate **82bpm**

Patient Vitals

BP: NA
Weight: NA
Height: NA
Pulse: NA
Spo2: NA
Resp: NA
Others: _____

Measurements

QRSD: 80ms
QT: 398ms
QTcB: 464ms
PR: 142ms
P-R-T: 43° 29° 63°



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ECG Within Normal Limits: Sinus Rhythm , Normal axis. Please correlate clinically.

REPORTED BY

Dr Nitin Sonavane
M.B.B.S.AFLH, D.DIAB,D.CARD
Consultant Cardiologist
87714

Date:-

CID:

Name:-

Rahul Kumbhar

Sex / Age: /

EYE CHECK UP

Chief complaints:

Systemic Diseases:

Past history:

Unaided Vision:

Aided Vision:

Refraction:

NO
RE LE
-6.6 -4.9
-1.6 -1.6

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance								
Near								

Colour Vision: Normal / Abnormal

Remark:

Suburban Diagnostics (I) Pvt. Ltd.
301 & 302, 3rd Floor, The Elegance,
Above Taruna Jewellers, T. Road,
Borivali (West), Mumbai - 400 092.

PRECISE TESTING · HEALTHIER LIVING
Name : MR. RAHUL KUMBHAR

Age / Gender : 37 Years/Male

Consulting Dr. :

Collected : 06-Jan-2024 / 08:54

Reg. Location : Borivali West (Main Centre)

Reported : 06-Jan-2024 / 17:09

PHYSICAL EXAMINATION REPORT

History and Complaints:

Nil

EXAMINATION FINDINGS:

Height (cms):	169	Weight (kg):	75
Temp (0c):	Afebrile	Skin:	NAD
Blood Pressure (mm/hg):	120/80	Nails:	NAD
Pulse:	72/min	Lymph Node:	Not Palpable

Systems

Cardiovascular: S1S2-Normal

Respiratory: Chest-Clear

Genitourinary: NAD

GI System: NAD

CNS: NAD

IMPRESSION:

Renal Calculi
Lipid profile

ADVICE:

PLBS

Physician Ref^m

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 |

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Collected : 06-Jan-2024 / 08:54

Reported : 06-Jan-2024 / 17:09

- | | |
|--|----|
| 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 ***

DR. NITIN SONAVANE
M.B.B.S.AFLH, D.DIAB, D.CARD.
CONSULTANT-CARDIOLOGIST
REGD.NO. : 87714
Dr.NITIN SONAVANE
PHYSICIAN

Suburban Diagnostics (I) Pvt. Ltd.
301& 302, 3rd Floor, "Elegance"
Above Tennis Ground, S.V. Road,
Borivali (West), Mumbai - 400 092.

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

Name: RAHUL KUMBHAR Date: 06-01-2024 Time: 11:10

Age: 37 Gender: M Height: 169 cms Weight: 75 Kg ID: 2400619201

Clinical History: NIL

Medications: NIL

Test Details:

Protocol: Bruce Predicted Max HR: 183 Target HR: 155 (85% of Pr. MHR)

Exercise Time: 0:06:42 Achieved Max HR: 176 (96% of Pr. MHR)

Max BP: 160/80 Max BP x HR: 28160 Max Mets: 7.5

Test Termination Criteria: TEST COMPLET

Protocol Details:

Stage Name	Stage Time	METS	Speed kmph	Grade %	Heart Rate bpm	BP mmHg	RPP	Max ST Level mm	Max ST Slope mV/s
Supine	01:11	1	0	0	112	120/80	13440	-0.6 V2	0.1 I
Standing	00:20	1	0	0	108	120/80	12960	-0.7 I	0.2 V2
HyperVentilation	00:11	1	0	0	107	120/80	12840	-1.5 II	-0.6 III
PreTest	00:07	1	1.6	0	108	120/80	12960	0.8 III	0.2 I
Stage: 1	03:00	4.7	2.7	10	146	140/80	20440	-2 V5	0.8 V2
Stage: 2	03:00	7	4	12	176	140/80	24640	-0.9 II	0.5 V2
Peak Exercise	00:42	7.5	5.5	14	171	150/80	25650	-1.6 V4	0.7 III
Recovery1	01:00	1	0	0	158	160/80	25280	1.1 V2	0.6 V2
Recovery2	01:00	1	0	0	142	140/80	19880	1.3 V2	0.6 V2
Recovery3	01:00	1	0	0	130	140/80	18200	0.9 V2	0.3 V2
Recovery4	00:11	1	0	0	127	130/80	16510	1.1 V2	0.4 V2

Interpretation

The Patient Exercised according to Bruce Protocol for 0:06:42 achieving a work level of 7.5 METS.
 Resting Heart Rate, initially 112 bpm rose to a max. heart rate of 176bpm (96% of Predicted Maximum Heart Rate).
 Resting Blood Pressure of 120/80 mmHg, rose to a maximum Blood Pressure of 160/80 mmHg
 Good Effort tolerance Normal HR & BP Responce No Angina or Arrhymias
 No Significant ST-T Change Noted During Exercise Stress test Negative for Stress inducible ischaemia.

DR. NITIN SONAVANE
M.B.B.S. (P) D.M. (CARD)
CONSULTANT

NS

Ref. Doctor: ---

Doctor: DR. NITIN SONAVANE

SCHILLER

The Art of Diagnostics

(Summary Report edited by User)
 Cardioit CS-20 Version:3.4

3015 3022
ADD: ...
...

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

RAHUL KUMBHAR (37 M)

Brace Protocol

STLead(mm) STISlope(mV/s)

ID: 2400619201

Stage: Supine

Date: 06-01-2024
Speed: 0 km/h

Exec Time : 0:00:00
Slope: 0%

Stage Time: 01:11
THR: 155 bpm

HR: 112 bpm

Bp: 120/80 mmHg

STLead(mm) STISlope(mV/s)

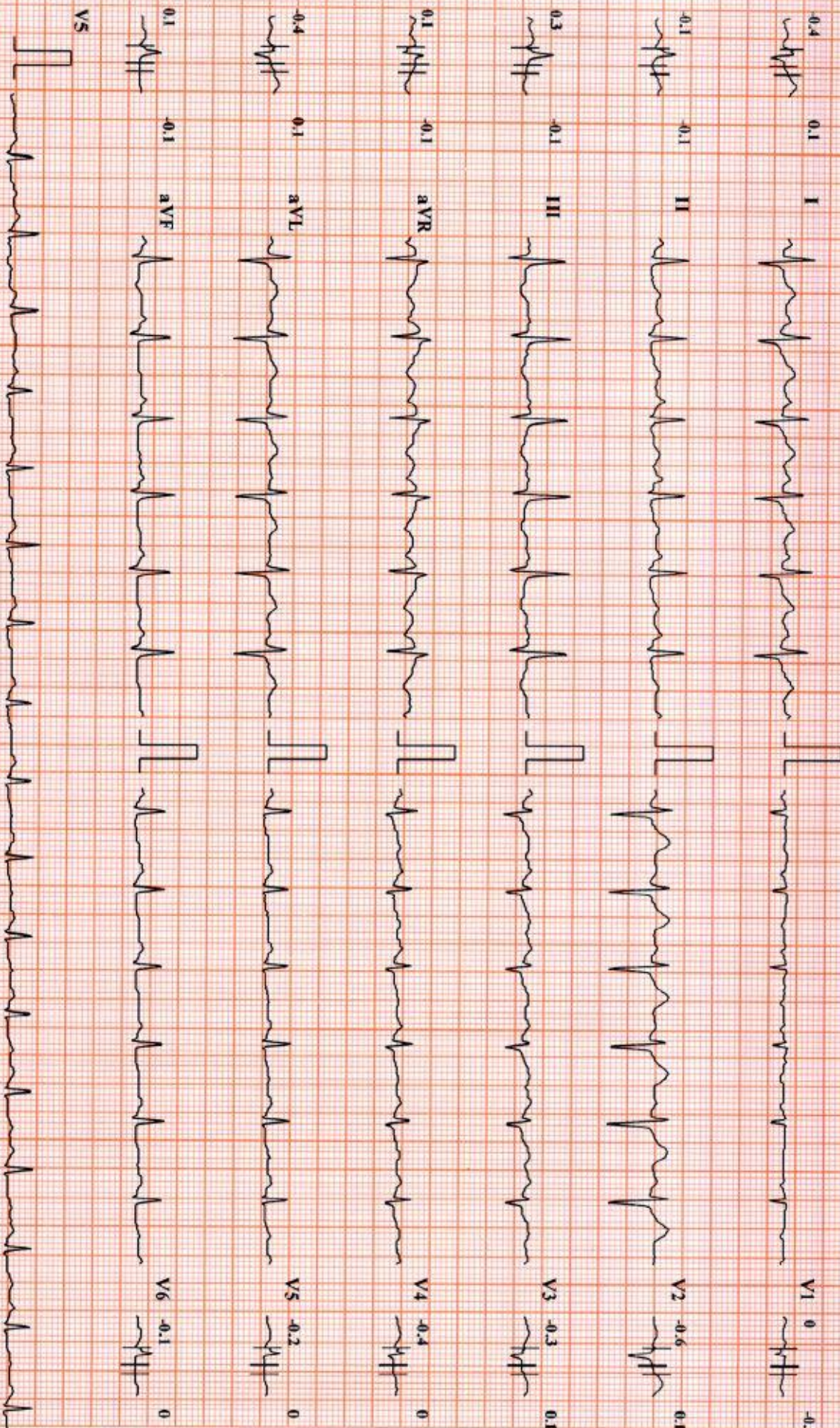


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovit CS-20 Version 3.4

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

RAHUL KUMBHAR (37 M)

Brace Protocol
STLevel(mm) STSlope(mV/s)

ID: 2400619201
Stage: Standing

Date: 06-01-2024
Speed: 0

Exec Time : 0:00:00
Slope: 0 %

Stage Time: 00:20
THR: 155 bpm

HR: 108 bpm

BP: 120/80 mmHg
STLevel(mm) STSlope(mV/s)

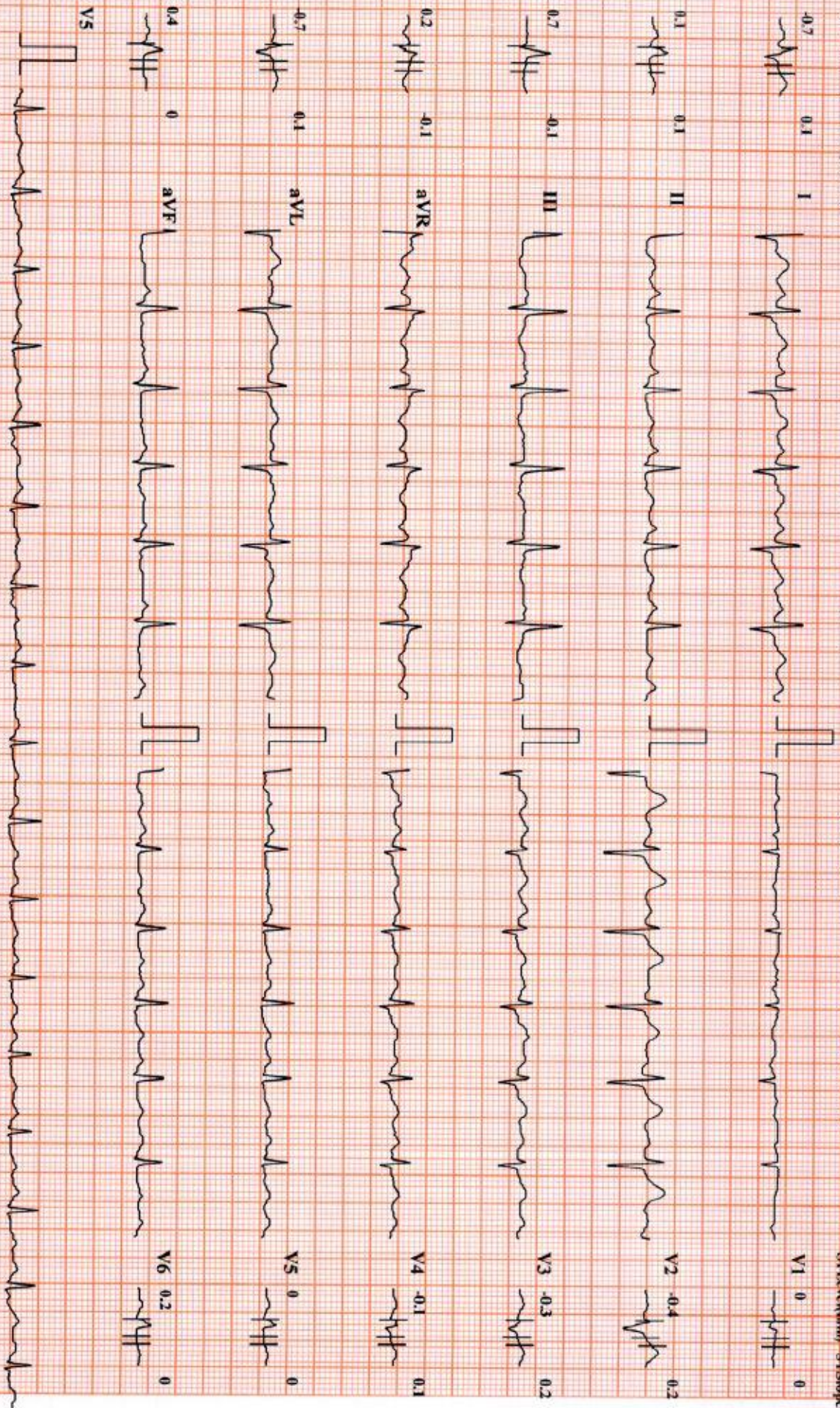


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovit CS-20 Version: 3.4

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

RAHUL KUMBHAR (37 M)

Bruce Protocol

STTSlope(mV/s)

ID: 2400619201

Date: 06-01-2024

Stage: HyperVentilation

Speed: 0

Exec Time : 0:00:00

Stage Time: 00:11

THR: 155 bpm

HR: 107 bpm

BP: 120/80 mmHg

STTSlope(mV/s)

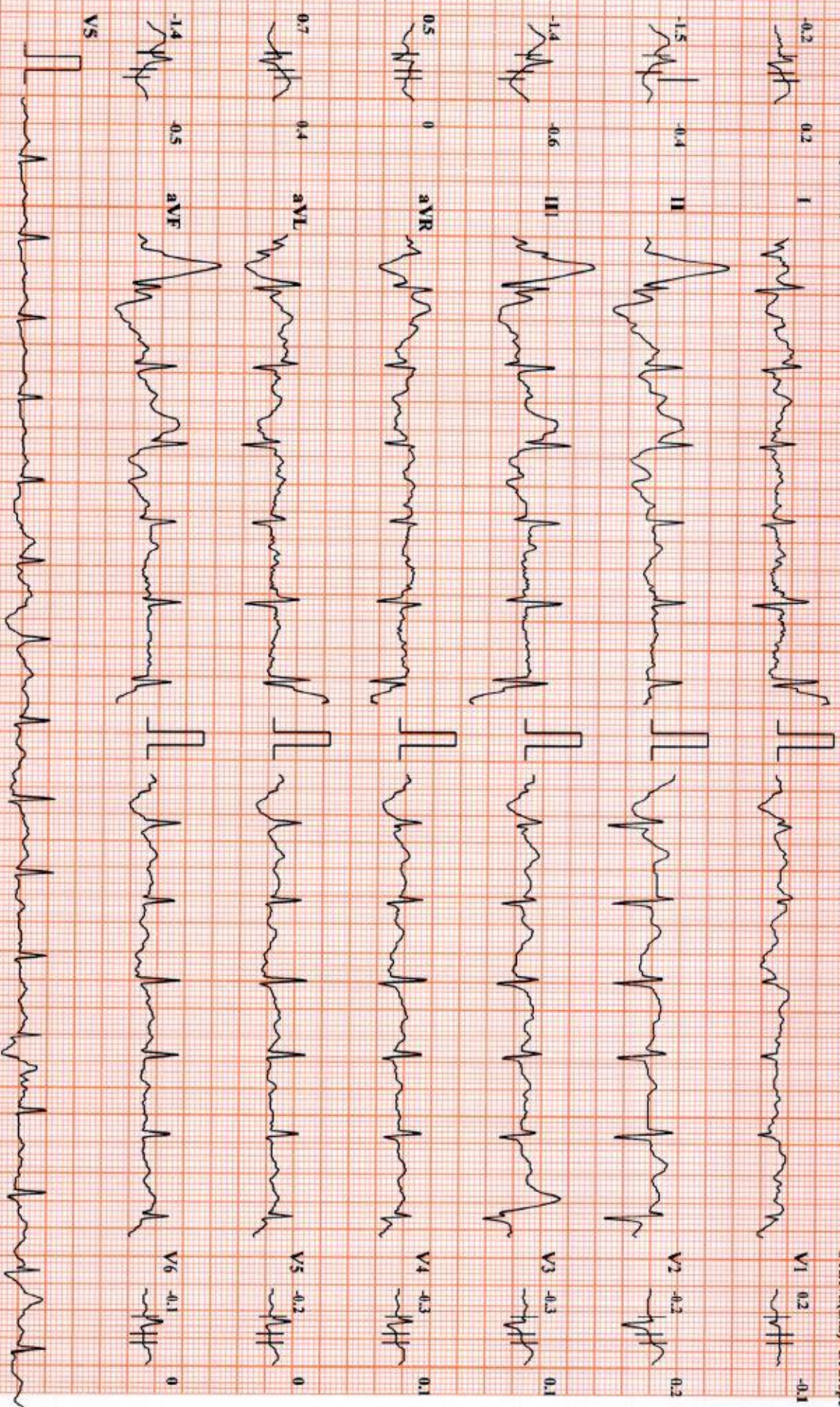


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO - R - 60 ms, J - R + 60 ms, Post J = J + 60 ms

Schiller CardioV CS-20 Version:3.4

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

RAHUL KUMBHAR (37 M)

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 2400619201

Date: 06-01-2024

Speed: 2.7 kmph

Exec Time : 0:03:00

Stage Time: 03:00

Slope: 10%

THR: 155 bpm

HR: 146 bpm

BP: 140/80 mmHg

STLevel(mm) STSlope(mV/s)

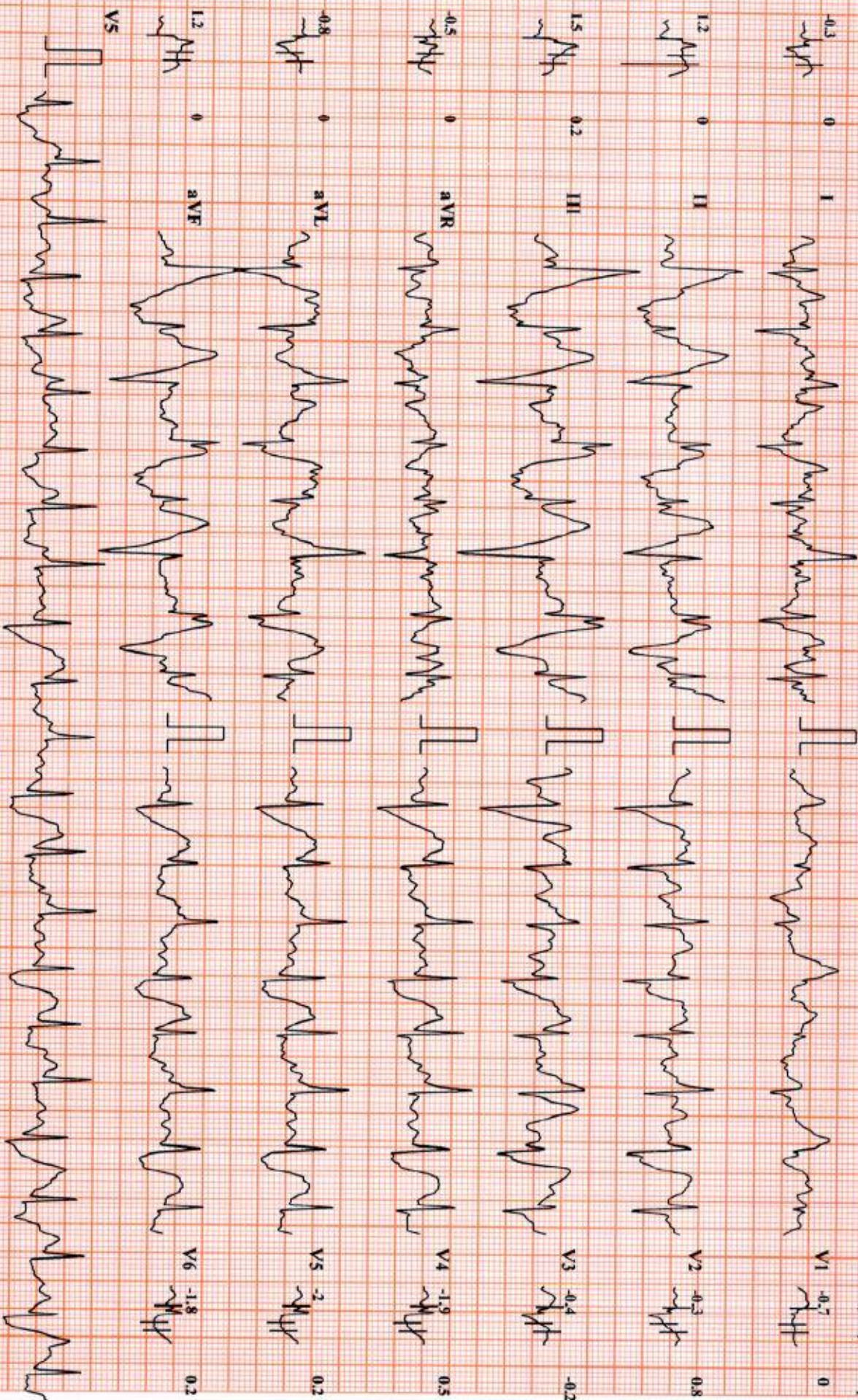


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller CardioVr CS-20 Version:3.4



RAHUL KUMBHAR (37 M)

Bruce Protocol

STLead(mm) STISlope(mV/s)

ID: 2400619201
Stage: 2

Date: 06-01-2024
Speed: 4 kmph

Exec Time: 0:06:00
Slope: 12 %

Sage Time: 03:00
THR: 155 bpm

HR: 176 bpm

BP: 140/80 mmHg

STLead(mm) STISlope(mV/s)

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI



Chart Speed: 25 mm/Sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller CardioCTCS-20 Version:3.4



RAHUL KUMBHAR (37 M)

Bruce Protocol

STLevel(mm) STISlope(mV/s)

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

ID: 2400619201

Stage: 3

Date: 06-01-2024

Speed: 5.5 kmph

Exec Time : 0:06:40

Slope: 14 %

Stage Time: 00:40

THR: 155 bpm

HR: 183 bpm

BP: 150/80 mmHg

STLevel(mm) STISlope(mV/s)

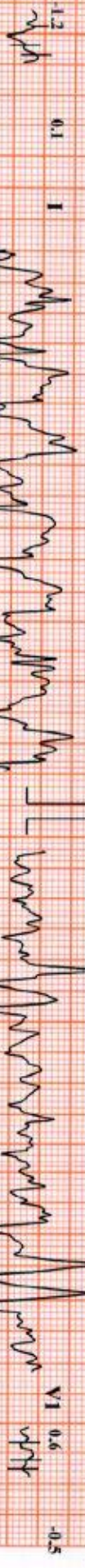


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardioyt CS-20 Version:3.4

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

RAHUL KUMBHAR (37 M)

Brace Protocol
STLevel(mm) STSlope(mV/s)

ID: 2400619201
Stage: 3 Peak Exercise
Speed: 5.5 kmph

Date: 06-01-2024
Exec Time : 0:06:42
Slope: 14 %
THR: 155 bpm

HR: 171 bpm
BP: 150/80 mmHg
STLevel(mm) STSlope(mV/s)

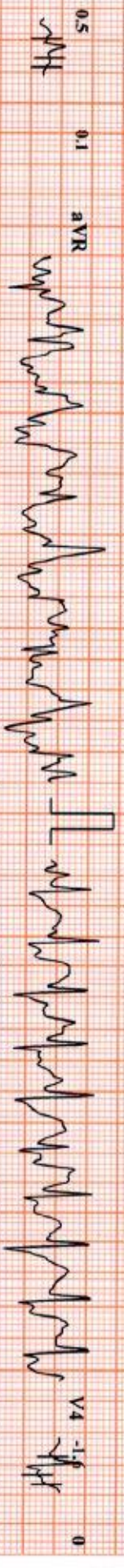


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO - R : 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovi CS-20 Version:3.4



RAHUL KUMBHAR (37 M)

Brice Protocol
STLevel(mm) STSlope(mV/s)

ID: 2400619201
Date: 06-01-2024
Stage: Recovery1
Speed: 0 kmph

Exec Time : 00:00
Slope: 0 %
Stage Time: 01:00
THR: 155 bpm

HR: 158 bpm
BP: 160/80 mmHg
STLevel(mm) STSlope(mV/s)

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI



Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller CardioIT CS-20 Version:3.4

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

RAHUL KUMBHAR (37 M)

Bruce Protocol
STLevel(mm) STSlope(mV/s)

ID: 2400619201
Stage: Recovery2

Date: 06-01-2024
Speed: 0 kmph

Exec Time: 00:00
Slope: 0 %

Stage Time: 01:00
THR: 155 bpm

HR: 142 bpm

BP: 140/80 mmHg
STLevel(mm) STSlope(mV/s)

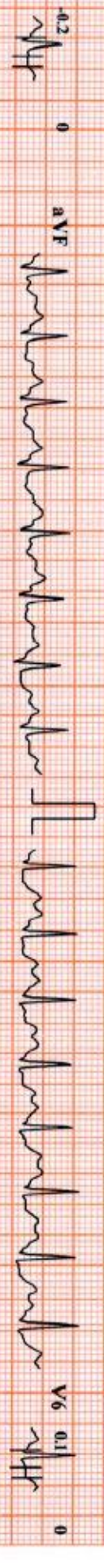
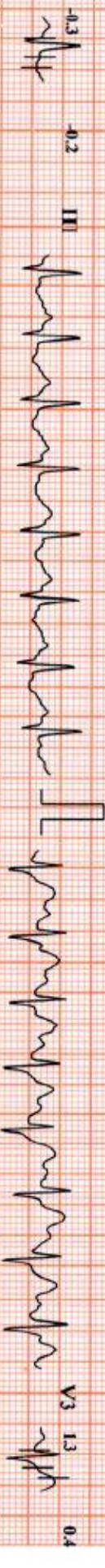


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardioit CS-20 Version:3.4



RAHUL KUMBHAR (37 M)

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

Brice Protocol

STLevel(mm) STISlope(mV/s)

ID: 2400619201

Stage: Recovery³

Date: 06-01-2024

Speed: 0 kmph

Exec Time : 00:00

Slope: 0 %

Stage Time: 01:00

THR: 155 bpm

HR: 130 bpm

BP: 140/80 mmHg

STLevel(mm) STISlope(mV/s)

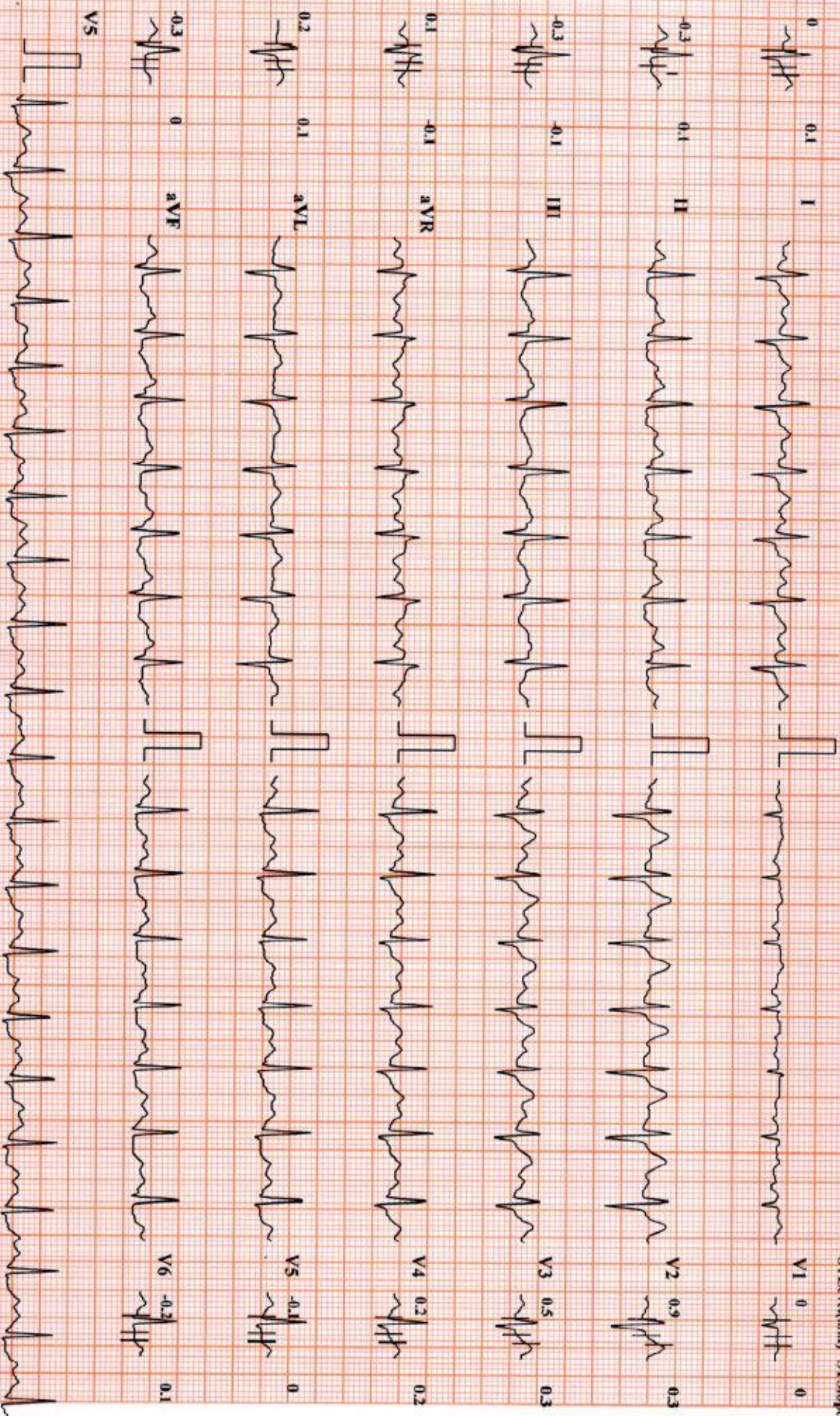


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms



RAHUL KUMBHAR (37 M)

Brice Protocol
ST1:ave(kmm) ST3:Slope(mV/s)

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

ID: 2400619201
Date: 06-01-2024
Stage: Recovery4
Speed: 0 kmph
Exec Time : 00:00
Slope: 0 %
Stage Time: 00:07
THR: 155 bpm

HR: 129 bpm

BP: 130/80 mmHg
ST1:ave(kmm) ST3:Slope(mV/s)



Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardio® CS-20 Version:3.4



CID : 2400619201
Name : Mr RAHUL KUMBHAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Borivali West

Reg. Date : 06-Jan-2024
Reported : 06-Jan-2024/10:44

USG WHOLE ABDOMEN

LIVER: Liver is normal in size 13.1 cm, with mild generalized increase in parenchymal echotexture. There is no intra-hepatic biliary radical dilatation.No evidence of any focal lesion.

GALL BLADDER: Gall bladder is distended and appears normal. No obvious wall thickening is noted. 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.

KIDNEYS: Right kidney measures 10.7 x 4.8 cm. A calculus of size 3.5 mm is seen in lower pole of right kidney

Left kidney measures 8.9 x 5.3 cm. A calculus of size 2.3 mm is seen in mid pole of left kidney

Both kidneys are normal in shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter.

SPLEEN: Spleen is normal in size 10.2 cm , 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. Prostate measures 3.7 x 3.3 x3.4 cm and prostatic weight is 22.5 gm. No evidence of any obvious focal lesion.

No free fluid or size significant lymphadenopathy is seen.



Use a QR Code Scanner
Application To Scan the Code

CID : 2400619201
Name : Mr RAHUL KUMBHAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Borivali West

Reg. Date : 06-Jan-2024
Reported : 06-Jan-2024/10:44

Opinion:

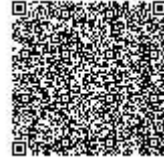
- **Grade I fatty infiltration of liver .**
- **Bilateral renal calculi.**

For clinical correlation 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. Patient was explained in detail verbally about the USG findings, USG measurements and its limitations. In case of any typographical error in the report, patient is requested to immediately contact the center for rectification within 7 days post which the center will not be responsible for any rectification. Please interpret accordingly.

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

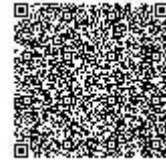
DR.SUDHANSHU SAXENA
Consultant Radiologist
M.B.B.S DMRE (RadioDiagnosis)
RegNo .MMC 2016061376.



Use a QR Code Scanner
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CID : 2400619201
Name : Mr RAHUL KUMBHAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Borivali West

Reg. Date : 06-Jan-2024
Reported : 06-Jan-2024/10:44



Use a QR Code Scanner
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CID : 2400619201
Name : Mr RAHUL KUMBHAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Borivali West

Reg. Date : 06-Jan-2024
Reported : 06-Jan-2024/11:37

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.

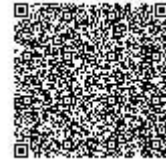
The skeleton under review appears normal.

IMPRESSION:

NO SIGNIFICANT ABNORMALITY IS DETECTED.

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

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



Use a QR Code Scanner
Application To Scan the Code

CID : 2400619201
Name : Mr RAHUL KUMBHAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Borivali West

Reg. Date : 06-Jan-2024
Reported : 06-Jan-2024/11:37