# SUBURBAN DIAGNOSTICS (I) PVT LTD THAKUR VILLAGE

**Patient Details** 

Clinical History:

Date: 02-Oct-21

Time: 11:03:23 AM

Name: NAV PRABHAT RAYAL ID: 2127553626

8 m 24 s

Age: 29 y

Sex: M

Height: 168 cms

Weight: 59 Kgs

Medications:

**Test Details** 

Protocol: Bruce

Pr.MHR: 191 bpm

THR: 171 (90 % of Pr.MHR) bpm

Total Exec. Time:

Max. HR: 166 (87% of Pr.MHR)bpm

Max. Mets: 13.50

Max. BP: 150 / 80 mmHg Test Termination Criteria: Max. BP x HR:

24900 mmHg/min

Min. BP x HR:

6880 mmHg/min

Target HR attained

# **Protocol Details**

Stage Name	Stage Time (min : sec)	Mets	Speed (mph)	Grade (%)	Heart Rate	Max. BP (mm/Hg)	Max. ST Level	Max. ST Slope
					(bpm)		(mm)	(mV/s)
Supine	0:15	1.0	0	0	86	120 / 80	-0.64 aVR	3.18 V3
Standing	0:27	1.0	0	0	89	120 / 80	-5.73 aVL	5.66 V3
Hyperventilation	0:18	1.0	0	0	92	120 / 80	-0.85 aVR	3.18 V3
1	3:0	4.6	1.7	10	111	120 / 80	-5.31 V1	5.66 V3
2	2:0	7.0	2.5	12	129	120 / 80	-5.52 V2	5.66 V3
3	3:0	10.2	3.4	14	154	130 / 80	-2.76 aVR	5.66 V3
Peak Ex	0:24	13.5	4.2	16	166	150 / 80	-1.06 aVR	5.66 V3
Recovery(1)	1:0	1.8	1	0	142	150 / 80	-1.91 aVR	5.66 V3
Recovery(2)	0:15	1.0	0	0	130	150 / 80	-0.85 aVR	5.66 V3
Recovery(3)	0:11	1.0	0	0	126	150 / 80	-0.85 aVR	5.66 V3

# Interpretation

The patient exercised according to the Bruce protocol for 8 m 24 s achieving a work level of Max. METS: 13.50 Resting heart rate initially 86 bpm, rose to a max. heart rate of 166 ( 87% of Pr.MHR) bpm. Resting blood Pressure 120 / 80 mmHg, rose to a maximum blood pressure of 150 / 80 mmHa

Good Effort Tolerance.

No significant STT changes as compared to Baseline. No Chest pain/ Arrhythmias noted during the test. Stress Test is Negative for Stress Induced Ischemia...

Dr. Akhil P. Parulekar.

MBBS, MD. Medicine DNB Candiology Reg. Np 3 12082483

Disclaimer: Negative stress test does not rule out Coronary Artery Diseases. Positive Stress Test is suggestive but not confirmatory of Coronary Artery Disease Hence clinical correlation is mandatory.

Ref. Doctor: BOB

(Summary Report edited by user)

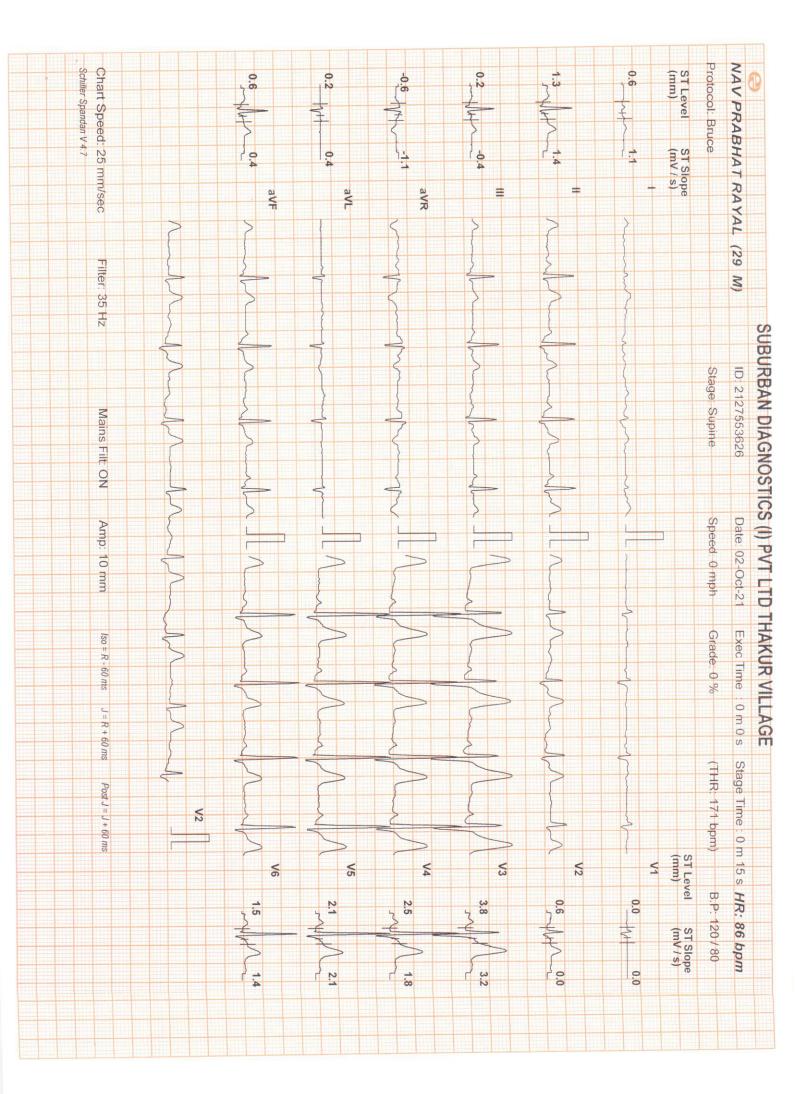
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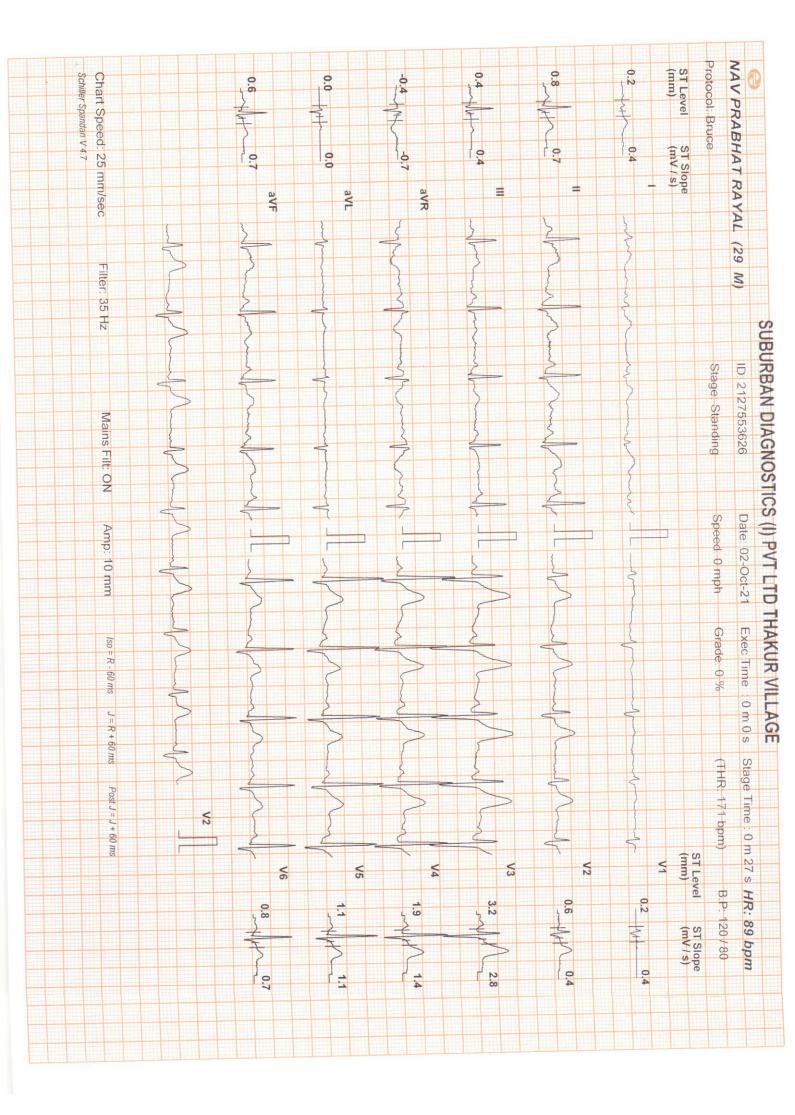
Thakur Village, Kandivali (east),

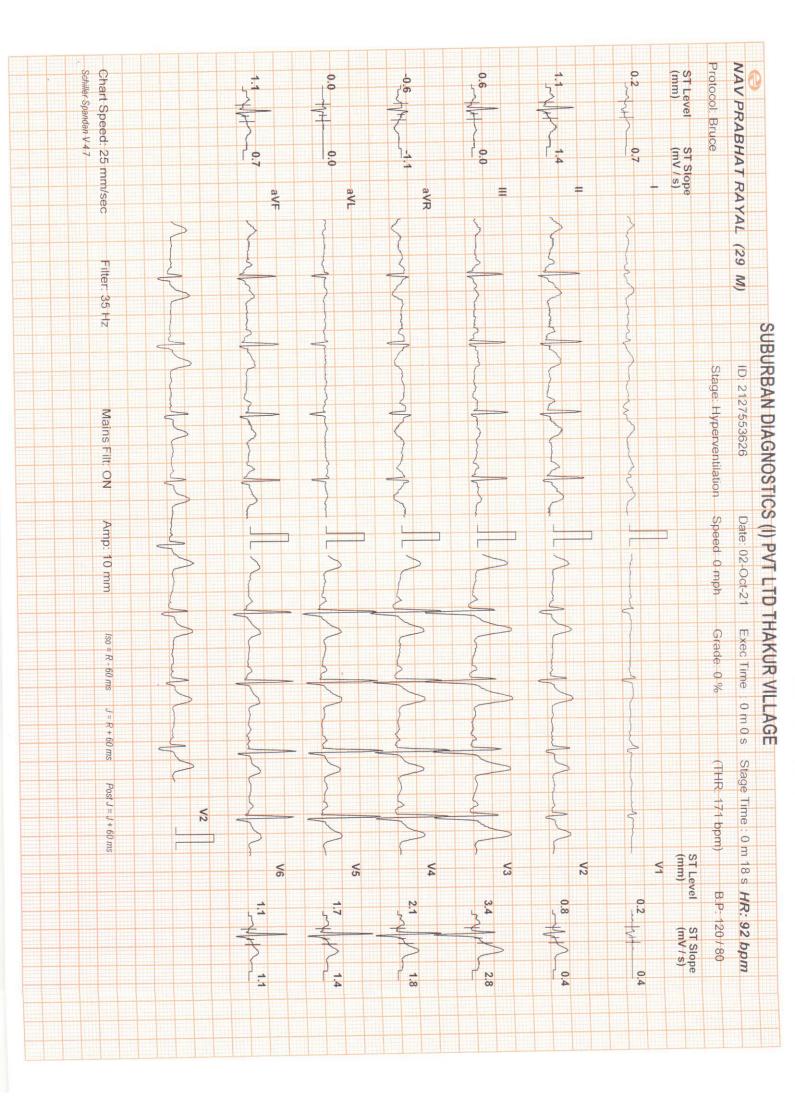
Doctor: DR.AKHIL PARULEKAR (c) Schiller Healthcare India Pvt. Ltd. V 4.7

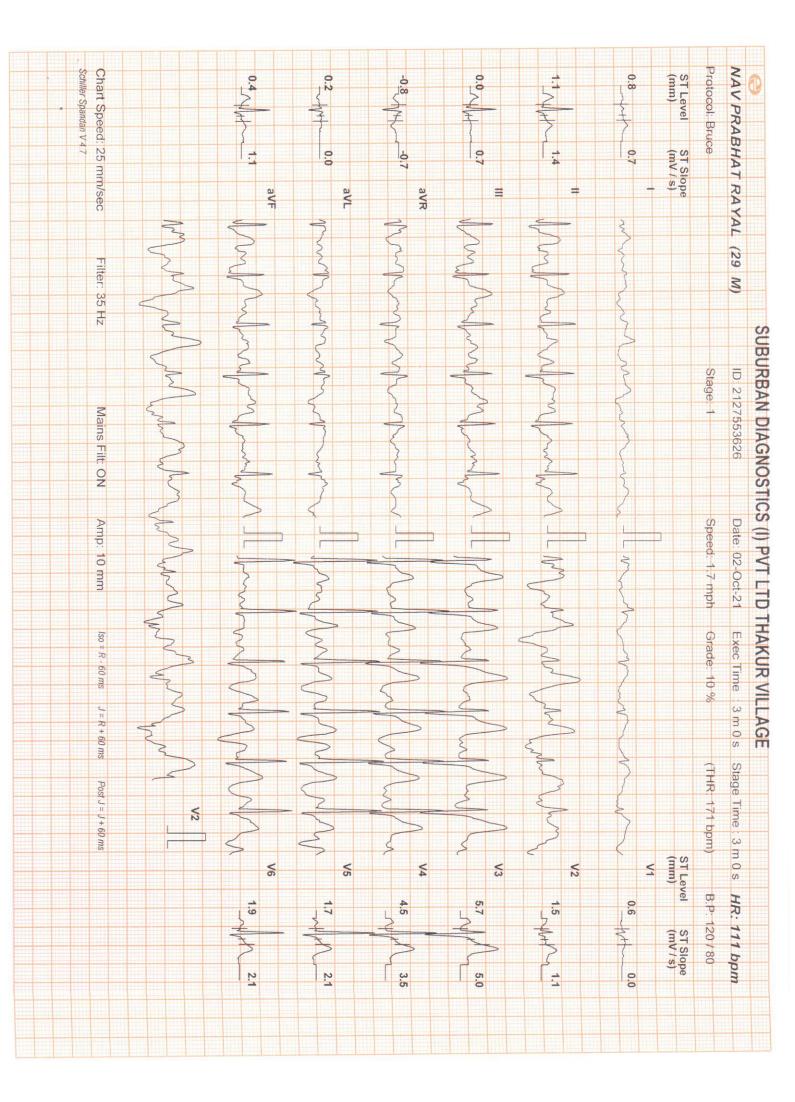
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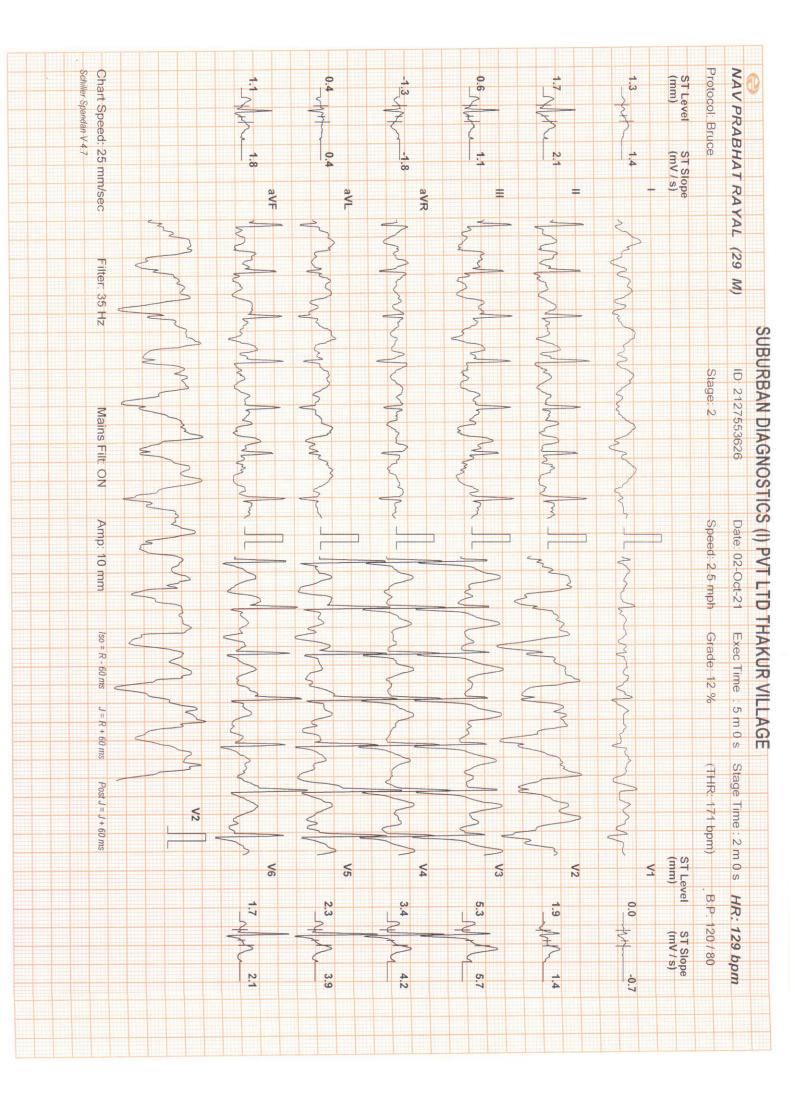
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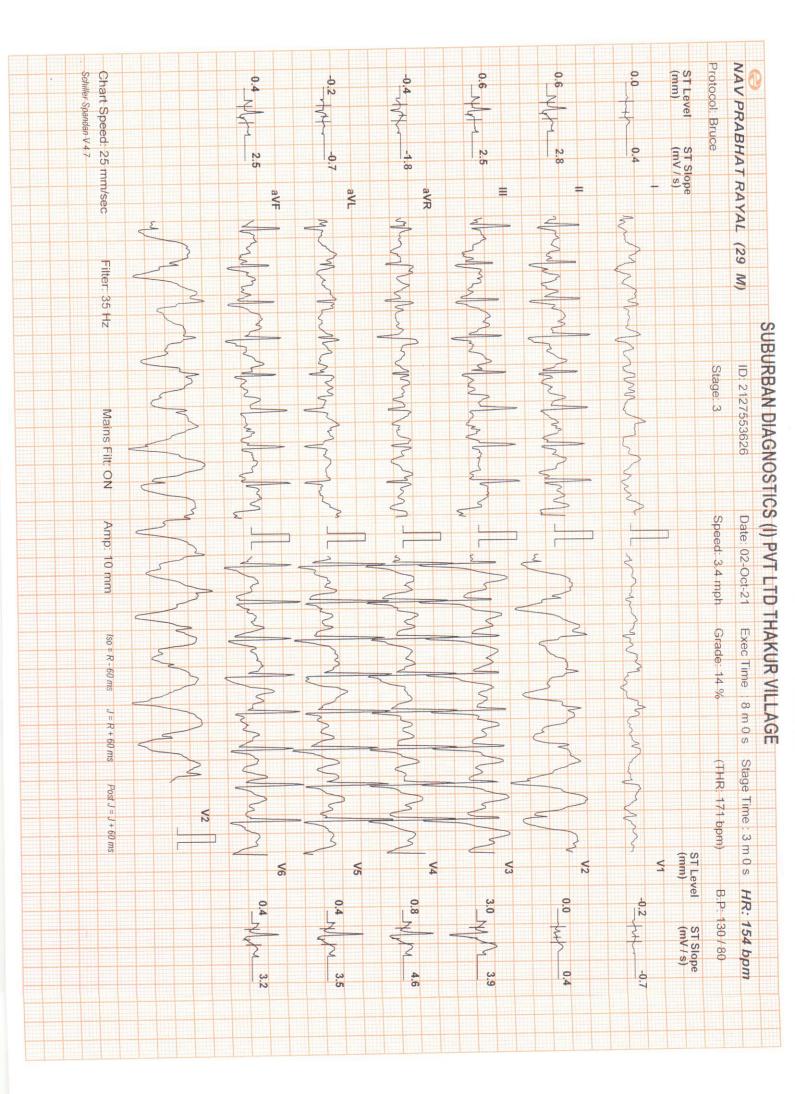


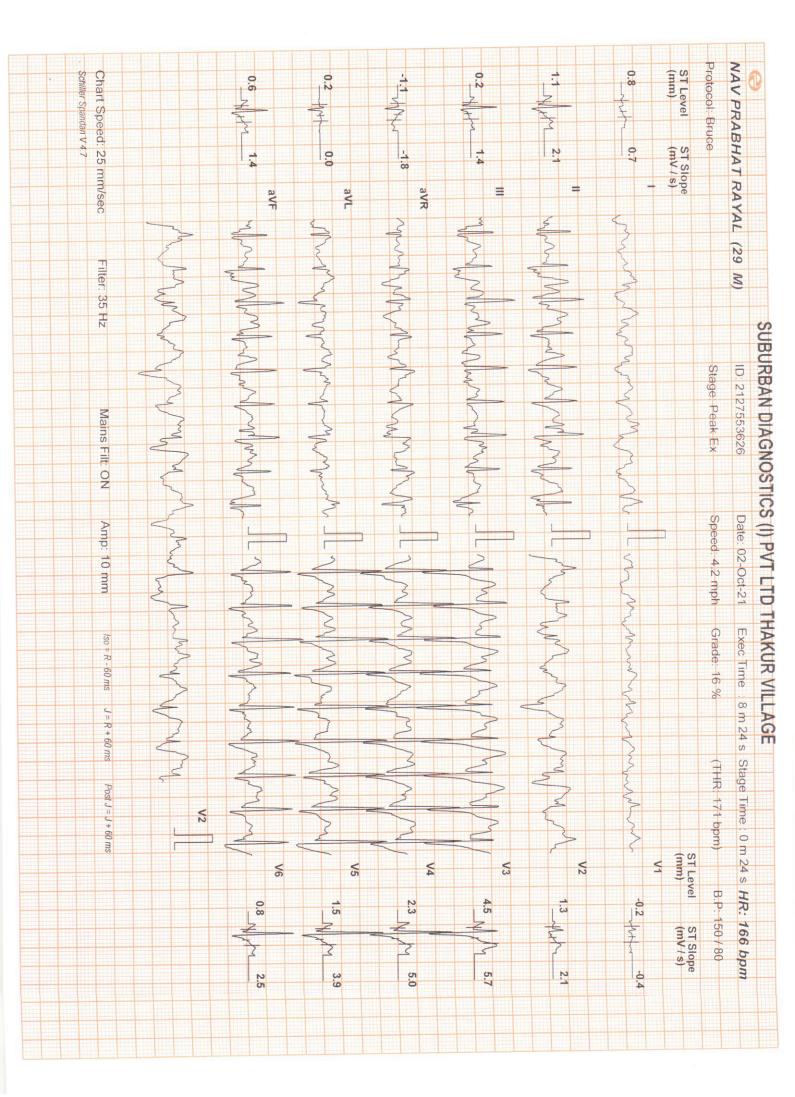


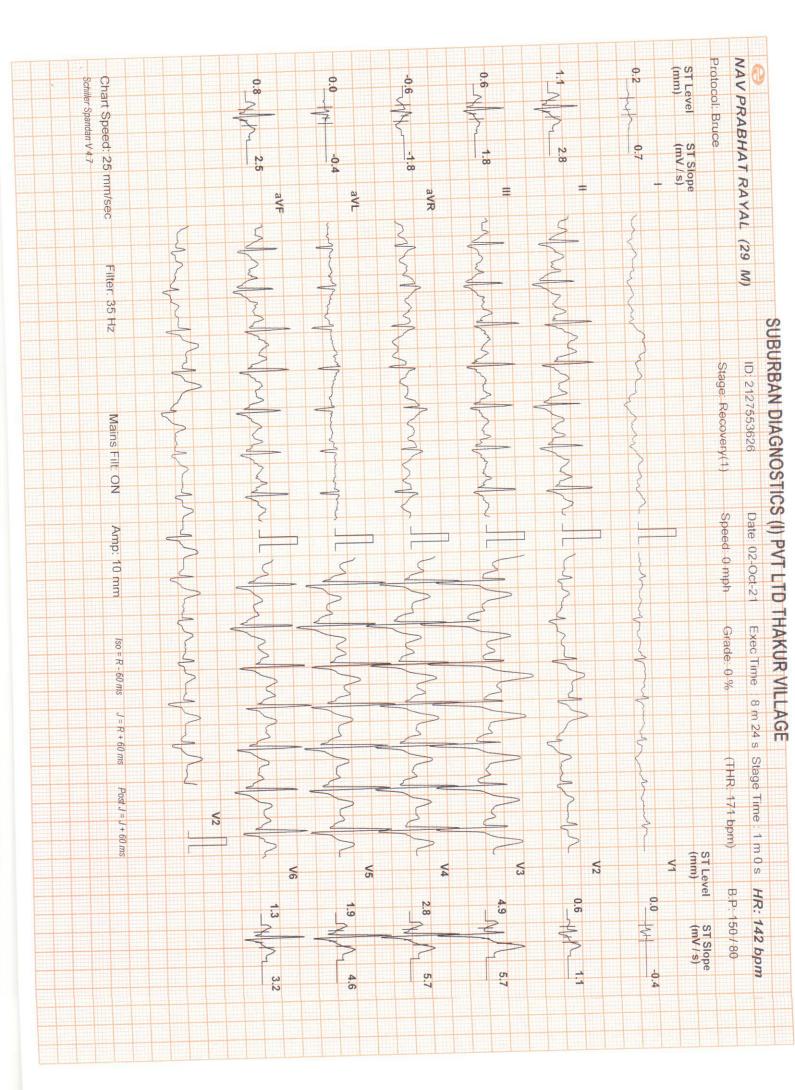


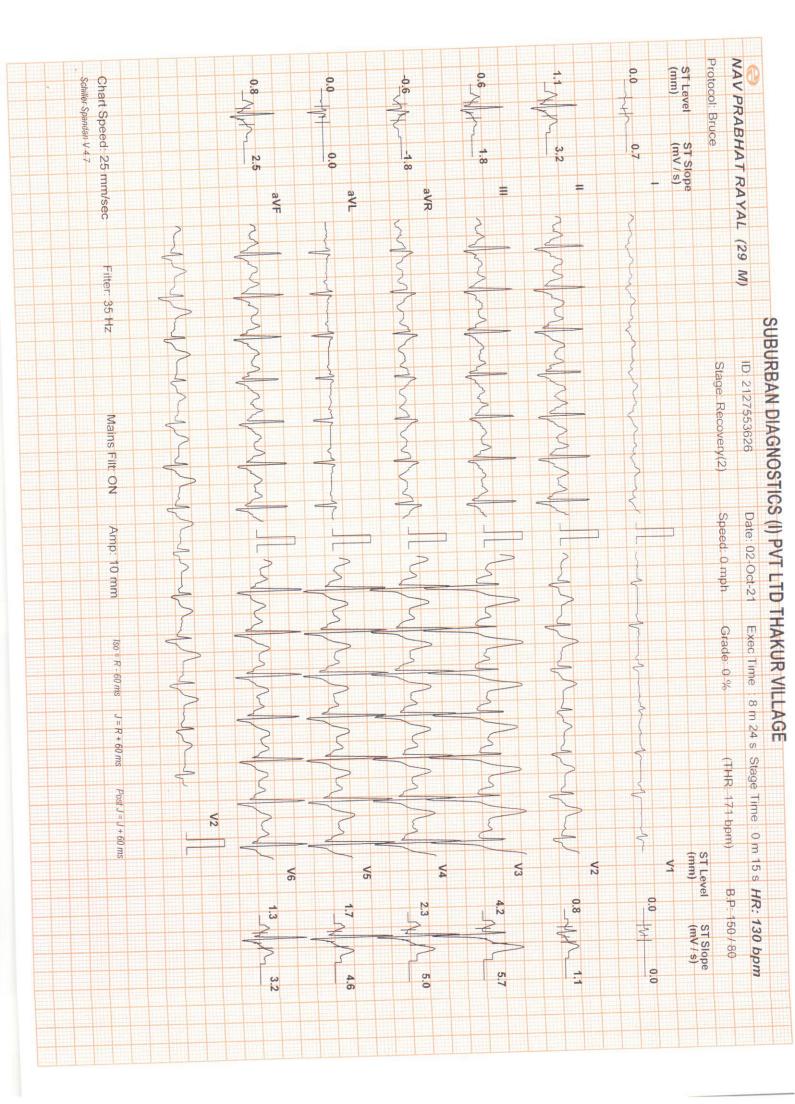


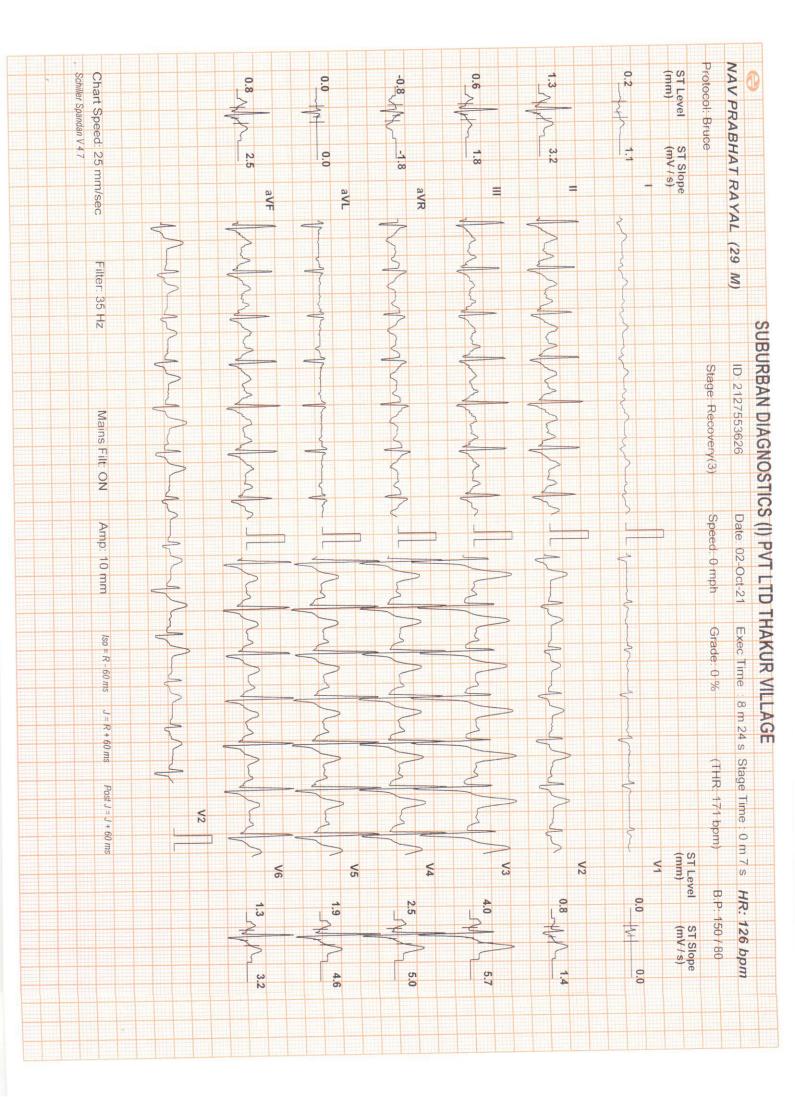














CID : 2127553626

Name : MR.NAV PRABHAT RAYAL

Age / Gender : 29 Years / Male

Consulting Dr. : -

Reg. Location : Kandivali East (Main Centre)

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

Collected

Reported

Application To Scan the Code: 02-Oct-2021 / 09:52

:02-Oct-2021 / 14:26

# **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

CBC (Complete Blood Count), Blood				
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>	
RBC PARAMETERS				
Haemoglobin	15.2	13.0-17.0 g/dL	Spectrophotometric	
RBC	4.75	4.5-5.5 mil/cmm	Elect. Impedance	
PCV	45.5	40-50 %	Measured	
MCV	96	80-100 fl	Calculated	
MCH	32.0	27-32 pg	Calculated	
MCHC	33.4	31.5-34.5 g/dL	Calculated	
RDW	12.6	11.6-14.0 %	Calculated	
WBC PARAMETERS				
WBC Total Count	6500	4000-10000 /cmm	Elect. Impedance	
WBC DIFFERENTIAL AND ABS	SOLUTE COUNTS			
Lymphocytes	33.6	20-40 %		
Absolute Lymphocytes	2184.0	1000-3000 /cmm	Calculated	
Monocytes	4.8	2-10 %		
Absolute Monocytes	312.0	200-1000 /cmm	Calculated	
Neutrophils	57.9	40-80 %		
Absolute Neutrophils	3763.5	2000-7000 /cmm	Calculated	
Eosinophils	3.3	1-6 %		
Absolute Eosinophils	214.5	20-500 /cmm	Calculated	
Basophils	0.4	0.1-2 %		
Absolute Basophils	26.0	20-100 /cmm	Calculated	
Immature Leukocytes	-			

WBC Differential Count by Absorbance & Impedance method/Microscopy.

# **PLATELET PARAMETERS**

Platelet Count	206000	150000-400000 /cmm	Elect. Impedance
MPV	10.1	6-11 fl	Calculated
PDW	18.5	11-18 %	Calculated

# **RBC MORPHOLOGY**

Hypochromia	-
Microcytosis	-
Macrocytosis	-

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CID : 2127553626

Name : MR.NAV PRABHAT RAYAL

Age / Gender : 29 Years / Male

Consulting Dr. : - Collected : 02-Oct-2021 / 09:52

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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. Westergren

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









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**PARAMETER** 

CID : 2127553626

Name : MR.NAV PRABHAT RAYAL

: 29 Years / Male Age / Gender

Consulting Dr.

Reg. Location : Kandivali East (Main Centre)



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AERFOCAMI HEALTHCARE	BELOW 40 MALE/FEMALE	
<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<b>METHOD</b>

IAIVAMETER	KESOLIS	DIOLOGICAL ILLI IVAITOL	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	88.5	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	1.43	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.53	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.90	0.1-1.0 mg/dl	Calculated
SGOT (AST), Serum	16.5	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	14.5	5-45 U/L	NADH (w/o P-5-P)
ALKALINE PHOSPHATASE, Serum	75.0	40-130 U/L	Colorimetric
BLOOD UREA, Serum	23.0	12.8-42.8 mg/dl	Kinetic
BUN, Serum	10.7	6-20 mg/dl	Calculated
CREATININE, Serum	0.73	0.67-1.17 mg/dl	Enzymatic

>60 ml/min/1.73sqm

3.5-7.2 mg/dl

135

5.8





eGFR, Serum

URIC ACID, Serum



M.D.(PATH) **Consultant Pathologist & Lab Director** 

Calculated

Enzymatic

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<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West \*\*\* End Of Report \*\*\*



CID : 2127553626

Name : MR.NAV PRABHAT RAYAL

Age / Gender : 29 Years / Male

Consulting Dr. Collected :02-Oct-2021 / 09:52

Reported :02-Oct-2021 / 13:36 Reg. Location : Kandivali East (Main Centre)

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

## **BIOLOGICAL REF RANGE PARAMETER RESULTS** METHOD

Glycosylated Hemoglobin **HPLC** 4.9 Non-Diabetic Level: < 5.7 % (HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 %

Diabetic Level: >/= 6.5 %

93.9 Estimated Average Glucose mg/dl Calculated

(eAG), EDTA WB - CC

# 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 CPL, Andheri West \*\*\* End Of Report \*\*\*







c. Solve Dr.LEENA SALUNKHE M.B.B.S, DPB (PATH) **Pathologist** 

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CID : 2127553626

Name : MR.NAV PRABHAT RAYAL

: 29 Years / Male Age / Gender

Consulting Dr. Collected :02-Oct-2021 / 09:52

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

ORINE EXAMINATION REPORT					
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>		
PHYSICAL EXAMINATION					
Color	Pale yellow	Pale Yellow	-		
Reaction (pH)	6.0	4.5 - 8.0	Chemical Indicator		
Specific Gravity	1.020	1.001-1.030	Chemical Indicator		
Transparency	Clear	Clear	-		
Volume (ml)	30	-	-		
CHEMICAL EXAMINATION					
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		
MICROSCOPIC EXAMINATION					
Loukocytos/Pus colls//hnf	1.2	0.5/haf			

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







**Dr.TRUPTI SHETTY** M.D. (PATH) **Pathologist** 

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CID : 2127553626

Name : MR.NAV PRABHAT RAYAL

: 29 Years / Male Age / Gender

Consulting Dr.

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:02-Oct-2021 / 09:52 :02-Oct-2021 / 14:02

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

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	182.4	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	117.5	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	41.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	141	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated l
LDL CHOLESTEROL, Serum	117.0	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	24.0	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.8	0-3.5 Ratio	Calculated

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
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Name : MR.NAV PRABHAT RAYAL

Age / Gender : 29 Years / Male

Consulting Dr. : - Collected : 02-Oct-20

Reg. Location : Kandivali East (Main Centre) Reported :02-Oct-2021 / 15:09

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# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
Free T3, Serum	5.4	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	18.6	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	1.86	0.35-5.5 microIU/ml	ECLIA

# Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

# Clinical Significance:

- 1)TSH Values between 5.5 to 15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH.
- 2)TSH values may be trasiently altered becuase 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: 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.

# Reference:

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2.Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
- 3. Tietz , Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)

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







Dr.ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab Director

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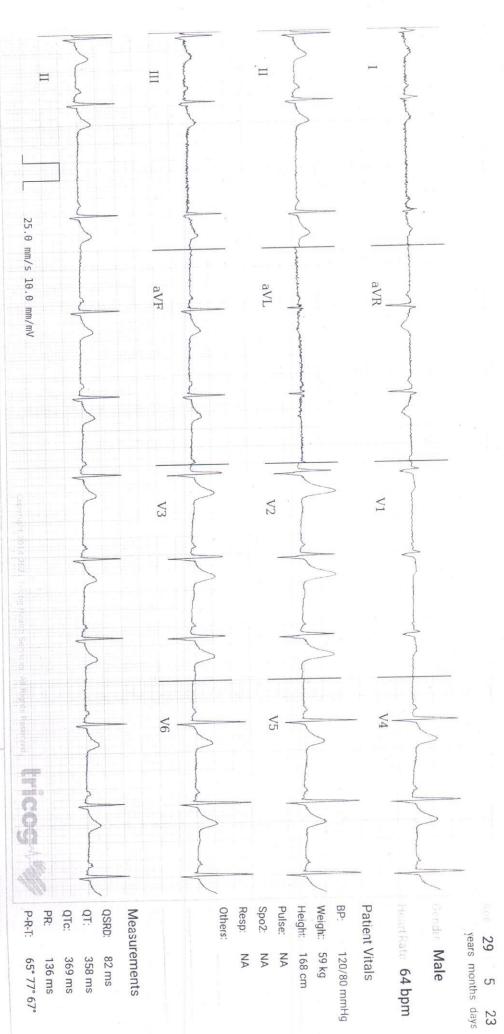
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# SUBURBAN DIAGNOSTICS - KANDIVALI EAST

Patient Name: NAV PRABHAT RAYAL

Date and Time: 2nd Oct 21 10:40 AM

Patient ID: 2127553626



clinically. ECG Within Normal Limits: Sinus Rhythm, Normal Axis, with Marked Sinus Arrhythmia.Please correlate

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.

Thakur Village, Kandivali (east). Row House No. 3, Aangan,

REPORTED BY

MBBS.MD. MEDICINE, DNB Cardiology DR AKHIL PARULEKAR 2012082483 Cardiologist



# **ENT Examination**

		. 0 . 4	Rayal	
Name :-	Nav	prashat	Age:-	29/10

History - NIL

Examination Right Left

External Ear — MAD

Middle Ears (Tympanic, membrane, Eustachan Tube, mastoid)

Rinnes, Webers

Nose and paranasal Sinuses-(airwy, septum, polyp)

Thorat

Specci N

Audiometry (when done)

Central Processing Lab: Aston, 2<sup>nd</sup> floor, Sundervan Complex, Opp. Union Bank, Above Mercedes Showroom, Andheri West, Mumbai - 400053

Registered Office: Suburban Diagnostics (India) Pvt. Ltd., 2<sup>nd</sup> Floor, Sunshine, Shastri Nagar, Andheri West, Mumbai - 400053



R

CID

: 2127553626

: 177804247036

Name

: MR.NAV PRABHAT RAYAL

Registered

: 02-Oct-2021 / 09:45

Age / Gender : 29 Years/Male

Collected

SID

: 02-Oct-2021 / 09:45

Ref. Dr

Reported

: 02-Oct-2021 / 18:34

Reg.Location

: Kandivali East (Main Centre)

Printed

: 02-Oct-2021 / 18:35

# X-RAY CHEST PA VIEW

The lung fields are clear with no parenchymal lesion.

The cardiothoracic ratio is maintained and the cardiac outline is normal

The domes of the diaphragm are normal.

The cardio and costophrenic angles are clear.

Bony thorax is normal.

# IMPRESSION:

No significant abnormality 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 \*\*\*

M.B.B.S,D.M.R.E CONSULTANT RADIOLOGIST

Dr.SHRIKANT BODKE

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