

# PARI PATHOLOGY PVT. LTD.

Reg. No. CL/9154/JUL-2019

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Customer Support : +91 7974145165 | Phone No. : 0755-4865460



LAB

Series of Diagnostic Laboratories, an ISO 9001-2015 Certified Establishment

Name : Mr. GOYAL VIPUL  
Age/Gender : 28 Y / Male  
Patient No : 10216  
Referred By : CURELO



Bill No : 10120  
Registered Date : 02-Nov-2023 02:47:00 PM  
Reported Date : 02-Nov-2023 03:26:51 PM  
Report Printed on : 02-Nov-2023 04:35:28 PM

Test Description	RESULT	Reference Range
<b>ROUTINE (PATHOLOGY)</b>		
TSH Method: CLEA	2.16 $\mu$ IU/ml	1 - 3 Days: Less than 13.3 1-4 Weeks: 0.6 - 10.0 1 Month - 5 Yrs: 0.46 - 8.10 6-18 Yrs: 0.37 - 6.00 More than 18 Yrs: 0.34 - 4.50

## INTERPRETATION

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low. TSH levels During Pregnancy : First Trimester :0.1 to 2.5  $\mu$ IU/mL Second Trimester : 0.2 to 3.0  $\mu$ IU/mL Third trimester : 0.3 to 3.0  $\mu$ IU/mL

\*\*\*\* END OF REPORT \*\*\*\*

Kunti Lodhi  
B.M.L.T.

Dr. Fuzail Ahmad  
MBBS, MD(Pathologist)

Dr. Vivek Khare  
MD (Patho)



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**S.M.H. LAD**  
**SACHIN "MAMTA" HOSPITAL**

HIG-39, 'A', SONAGIRI CHOURAHA, BHEL, BHOPAL (M.P.)

**Dr. Sachin Jain**  
Director  
MBBS, MD (Medicine)

**Dr. ARUN MAITY**  
MBBS, MD (Path)  
(Consultant Pathologist)

REG NO. : OPD / 5  
NAME : Mr. Goyal Vipul  
REF BY : Dr Sachin jain MD  
AGE : 28 Years  
SEX : Male  
DATE : 01/11/2023

**HBAIC (GLYCOSYLATED HEMOGLOBIN) HBAIC (GLYCOSYLATED HEMOGLOBIN)**

**GHAIC Value : 5.61 %**

**Refernce Range :**  
**Non Diabetic : 5.92**  
**Good Control : 5.92 - 6.67**  
**Fair Control : 6.68 - 7.4**  
**Poor Control More Than 7.4 %**

**Mean Plasma Glucose : 96.5 mg/dl**

Technician

**Dr. Arun Maity**  
M.B.B.S., M.D. (Path.)  
Consultant Pathologist  
M.C.I. Reg. No. 2836

(Technician)

**NOTE - Normal Value are for adults. This report is not valid for medical-Legal purposes, Result of tests may vary from lab and time to time in some parameters for same patient. If the result Indicate unexpected abnormality kindly reconfirm in the lab, Please correlate clinically.**

**Mob.: 9200007190 9977555510**



**S.M.H. LAB**  
**SACHIN "MAMTA" HOSPITAL**  
HIG-39, 'A', SONAGIRI CHOURAHA, BHEL, BHOPAL (M.P.)

Reg. NO. NH/200/2017

**Dr. Sachin Jain**  
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**Dr. ARUN MAITY**  
MBBS, MD (Path)  
(Consultant Pathologist)

REG NO. : OPD / 5  
NAME : Mr. Goyal Vipul      AGE : 28 Years      SEX : Male  
REF. BY : Dr Sachin jain MD      DATE : 01/11/2023

**BIOCHEMISTRY**

<u>TESTS</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>REFERENCE RANGE</u>
Serum Uric Acid	:4.63	mg/dl	2.5 - 7.0
<b><u>LIPID PROFILE</u></b>			
S. Cholesterol	:148.7	mg/dl	50 - 200
S. Triglycerides	:106.5	mg/dl	40 - 200
Direct HDL	:43.1	mg/dl	30 - 70
LDL Cholesterol	:84.3	mg/dl	85 - 150
VLDL Cholesterol	:21.3	mg/dl	7 - 35
LDLC/HDL RATIO	:1.96		2.5 - 3.5
S.Cholesterol/HDL Ratio	:3.45		
Gamma GT	:24	mg/dl	0 - 40

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(Technician)

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# S.M.H. LAB

## SACHIN "MAMTA" HOSPITAL

HIG-39, 'A', SONAGIRI CHOURAHA, BHEL, BHOPAL (M.P.)

**Dr. Sachin Jain**  
Director  
MBBS, MD (Medicine)

**Dr. ARUN MAITY**  
MBBS, MD (Path)  
(Consultant Pathologist)

REG NO. : OPD / 3  
NAME : Mr. Krishakant      AGE : 29 Years      SEX : Male  
REF BY : Dr Sachin jain MD      DATE : 01/11/2023

### COMPLETE BLOOD COUNT

<u>TESTS</u>	<u>RESULTS</u>	<u>UNIT</u>	<u>REFERENCE RANGE</u>
Haemoglobin	: 13.1	gm/dl	13 - 17
Packed Cell Volume	: 40	%	39 - 50
Total WBC Count	: 5200	/ cumm	4000 - 11000
Neutrophils	: 63	%	40 - 70
Lymphocytes	: 27	%	20 - 40
Monocytes	: 03	%	2 - 10
Eosinophil	: 07	%	1 - 6
Basophil	: 00	%	0 - 1
Platelets	: 2.28		1.5-4.5 Lacs/cumm
R.B.C. Count	: 4.64	mil/cumm	3.8 - 5.8
Mean Corpuscular Volume	: 86.21	cu micron	80 - 97
Mean Corpuscular	: 28.23	picograms	26.5 - 33.5
Hemoglobin			
Mean corpuscular Hb Con.	: 32.75	g/dl	31.5 - 35
Blood Group & Rh Factor	: "B"Positive		
Corrected E.S.R.	: 26	mm/fhr	0 - 9

Dr. Arun Maity  
M.B.B.S., M.D. (Path.)  
Consultant Pathologist  
M.C.I. Reg. No. 8836

(Technician)

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# S.M.H. LAB

## SACHIN "MAMTA" HOSPITAL

Reg. No. NH/260/SEP.14

HIG-39, 'A', SONAGIRI CHOURAHA, BHEL, BHOPAL (M.P.)

**Dr. Sachin Jain**  
Director  
MBBS, MD (Medicine)

**Dr. ARUN MAITY**  
MBBS, MD (Path)  
(Consultant Pathologist)

REG NO. : OPD / 5

NAME : Mr. Goyal Vipul

AGE : 28 Years SEX : Male

REF. BY : Dr Sachin jain MD

DATE : 01/11/2023

### BIOCHEMISTRY

<u>TESTS</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>REFERENCE RANGE</u>	<u>METHO</u>
Serum Urea	:28.9	mg/dl	10 - 45	
Serum Creatinine	:0.89	mg/dl	0.4 - 1.5	
<b><u>LIVER FUNCTION TEST</u></b>				
Bilirubin- Total	:1.09	mg%	0.2 - 1.2	
Bilirubin- Direct	:0.31	mg%	0 - 0.4	
Bilirubin- Indirect	:0.78	mg%	0.1 - 1.0	
SGPT	:27	U/L	5 - 45	
SGOT	:35	U/L	5 - 45	
Alkaline Phosphatase	:94	u/l	50 - 150	
Total Protein	:6.07	gm/dl	6.5 - 8.5	
Albumin	:3.65	gm/dl	3.5 - 5	
Globulin	:2.42	gm/dl	2.3 - 3.5	
A/G Ratio	:1.51	:1		
Plasma Glucose Fasting	:101.2	mg/dl	70 - 110	GOD-POD

Dr. Arun Maity  
MBBS, MD (Path)  
Consultant Pathologist  
M.C.I. Reg. No. 260

(Technician)

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# सचिन "ममता" हॉस्पिटल

- सर्वसुविधायुक्त एवं अत्याधुनिक भेल नगरी का एक मात्र अस्पताल
- 24 घण्टे भर्ती की सुविधा एवं सातों दिन टीकाकरण

Reg. No. NH/260/SEP/2014

एच.आई.जी.-39 ए, सोनागिरी चौराहा, बी.एच.ई.एल., भोपाल फोन : 0755-4850143, मो.: 9753996033, 8109000135  
Email : sachinmamtashospital@gmail.com

Name ..... MR.oyal nipul ..... Age/Sex 28y/m  
Height 170.18 cm ..... Weight 70 kg ..... Date : 1/11/23

डॉ. सचिन जैन

(M.D.) शिशु रोग विशेषज्ञ  
MIAP, MAAP, PALS, NALS  
Regd. No. 14177

परामर्श समय :  
सुबह : 9 बजे से 2 बजे  
शाम : 5 बजे से 9 बजे

BP - 120 / 80 mmHg

Height - 170.18 cm.

Weight - 70 kg.

BMI = 24.2 kg/m<sup>2</sup>  
(Normal)

Sachin Mamtashospital  
Reg. No. NH/260/SEP-2014

## सभी प्रकार की मेडीकलेम पॉलिसी के लिए मान्यता प्राप्त हॉस्पिटल

### उपलब्ध विशेषज्ञ :-

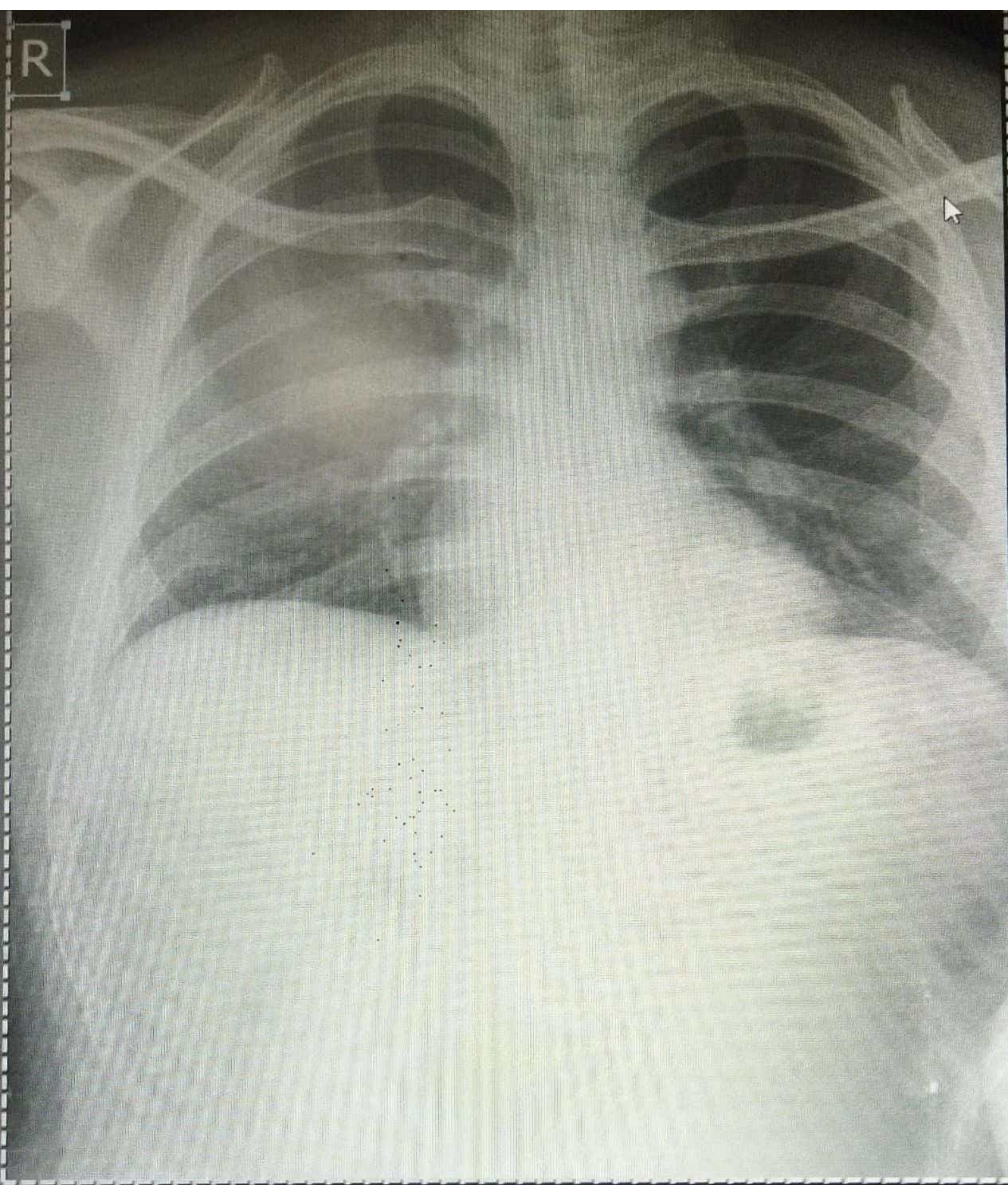
- शिशु रोग विशेषज्ञ ● प्रसूति एवं स्त्री रोग विशेषज्ञ
- जनरल मेडीसिन विशेषज्ञ ● जनरल सर्जरी विशेषज्ञ
- दुर्घटना एवं ट्रामा केयर विशेषज्ञ ● न्यूरो सर्जरी विशेषज्ञ
- यूरो सर्जरी विशेषज्ञ ● गुर्दा रोग विशेषज्ञ
- अस्थि एवं जोड़ रोग विशेषज्ञ ● पेट एवं लिवर रोग विशेषज्ञ
- बर्न एवं प्लास्टिक विशेषज्ञ ● फोरेंसिक विशेषज्ञ
- एंडोस्कोपी सर्जरी विशेषज्ञ ● नाक, कान एवं गला रोग विशेषज्ञ

### उपलब्ध सुविधायें :-

- डिजीटल एक्स-रे ● ई.सी.जी. ● हाई टेक पैथोलॉजी
- समय पूर्व जन्में बच्चों की गहन चिकित्सा इकाई
- आधुनिक उपकरणों से सुसज्जित वातानुकूलित ऑपरेशन थियेटर
- दूरबीन एवं लेप्रोस्कोपी द्वारा ऑपरेशन की व्यवस्था ● लेवर रूम ● वेंटीलेटर
- मास्टर हेल्थ चेकअप ● पॉलीट्रामा मैनेजमेंट ● पॉयजन मैनेजमेंट ● आई.सी.यू. (ICU)
- एन.आई.सी.यू. ● प्राईवेट वार्ड ● जनरल वार्ड ● एम्बूलेंस सुविधा ● लिफ्ट सुविधा
- मेडिकल स्टोर सुविधा



R



mr.vipur30m  
dr.sachin jain

PA Chest  
01/11/2023 10:42:11



SACHIN MAMTA HOSPITAL

614 / MR. VIPUL GOYAL / 31 Yrs / M / 10 Cms / 68 Kg / HR : 85

SUPINE ( 00:17 )

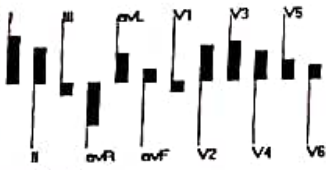
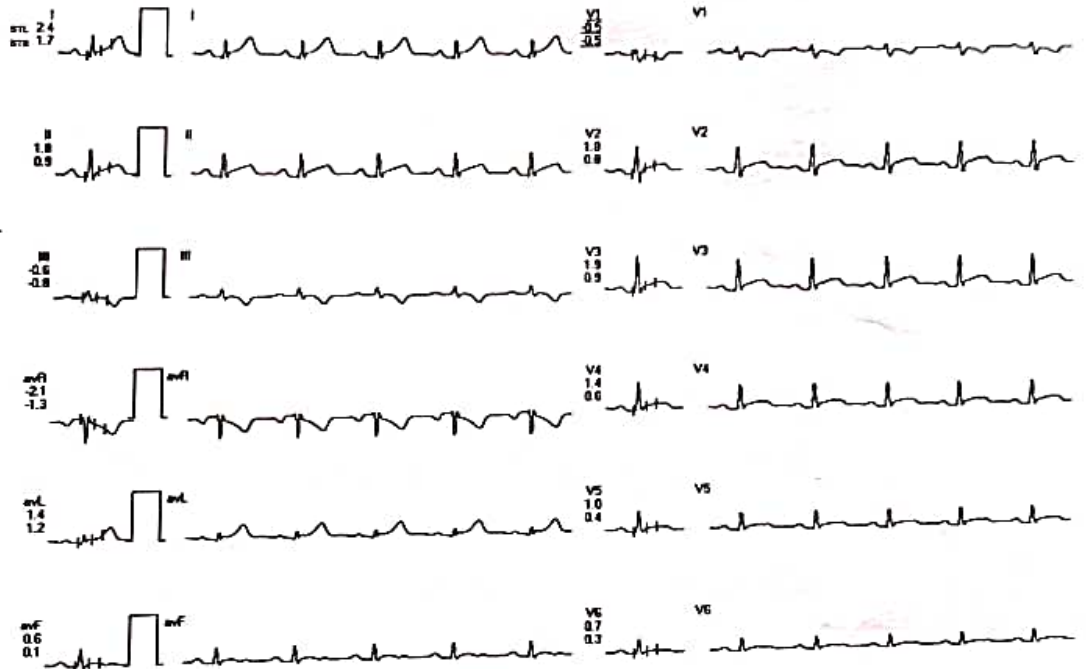
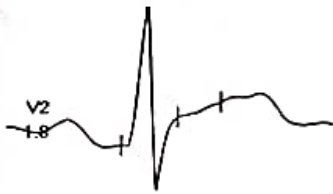


Date: 01-Nov-2023 10:44:52 AM

METS: 1.6/ 85 bpm 45% of TTHR BP: 120/60 mmHg Combined Medians/ DILC On/ Notch On/ HF 0.05 Hz/ LF 20 Hz

ExTime 00:00:00 mph. 0.0%  
25 mm/Sec. 1.0 Cal/cm

4X 80 mS Post J



**SACHIN MAMTA HOSPITAL**

514 / MR. VIPUL GOYAL / 31 Yrs / M / O Qms / 68 Kg / HR : 90

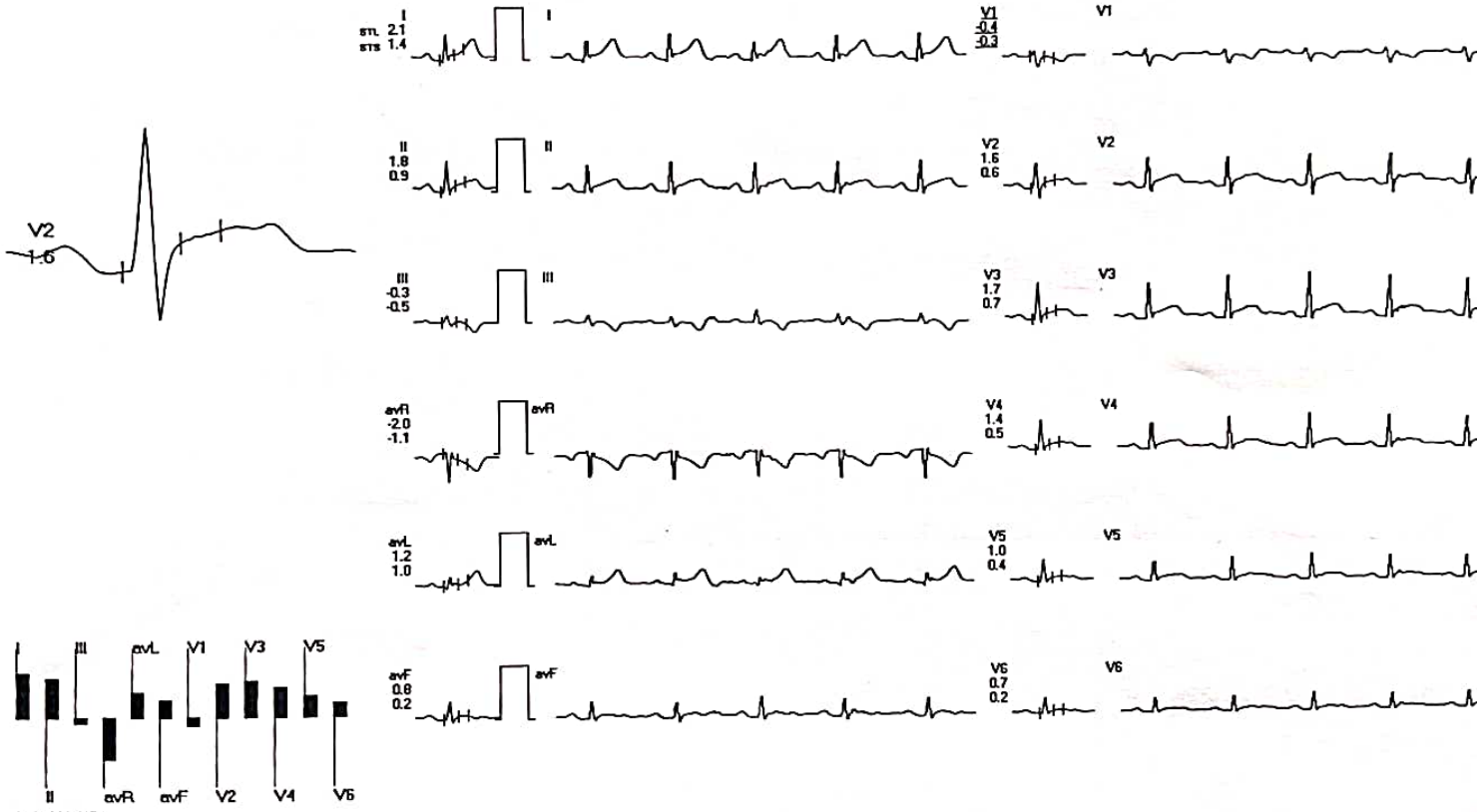
Date: 01-Nov-2023 10:44:52 AM METS: 1.0/90 bpm 48% of THR BP: 120/80 mmHg Combined Medians/BLC Or/ Notch Or/ HF 0.05 Hz/LF 20 Hz

4X 80 mS Post J

ExStrt



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



REMARKS:



**SACHIN MAMTA HOSPITAL**

**BRUCE : Stage 1 ( 03:00 )**



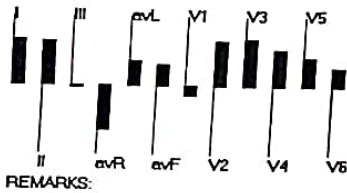
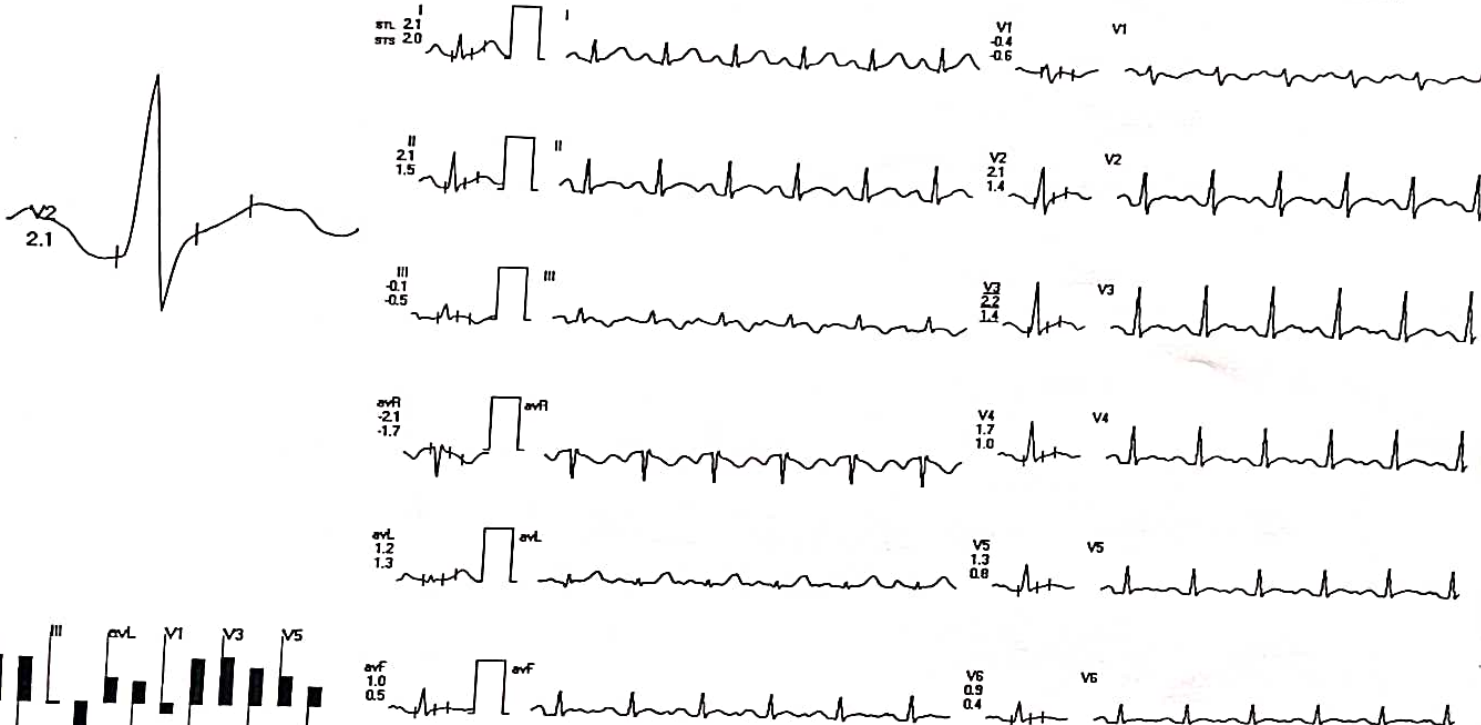
514 / MR. VIPUL GOYAL / 31 Yrs / M / 0 Cms / 68 Kg / HR : 115

Date: 01-Nov-2023 10:44:52 AM

METS: 4.7/115 bpm 61% of THR BP: 130/80 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 20 Hz

ExTime: 03:00 1.7 mph, 10.0%  
25 mm/Sec. 1.0 Cm/mV

4X  
80 ms Post J



REMARKS:

**SACHIN MAMTA HOSPITAL**

514 / MR. VIPUL GOYAL / 31 Yrs / M / 0 Cms / 68 Kg / HR : 137

**BRUCE : Stage 2 ( 03:00 )**

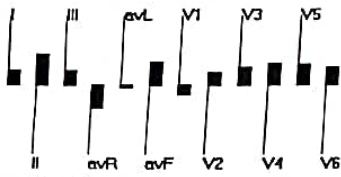
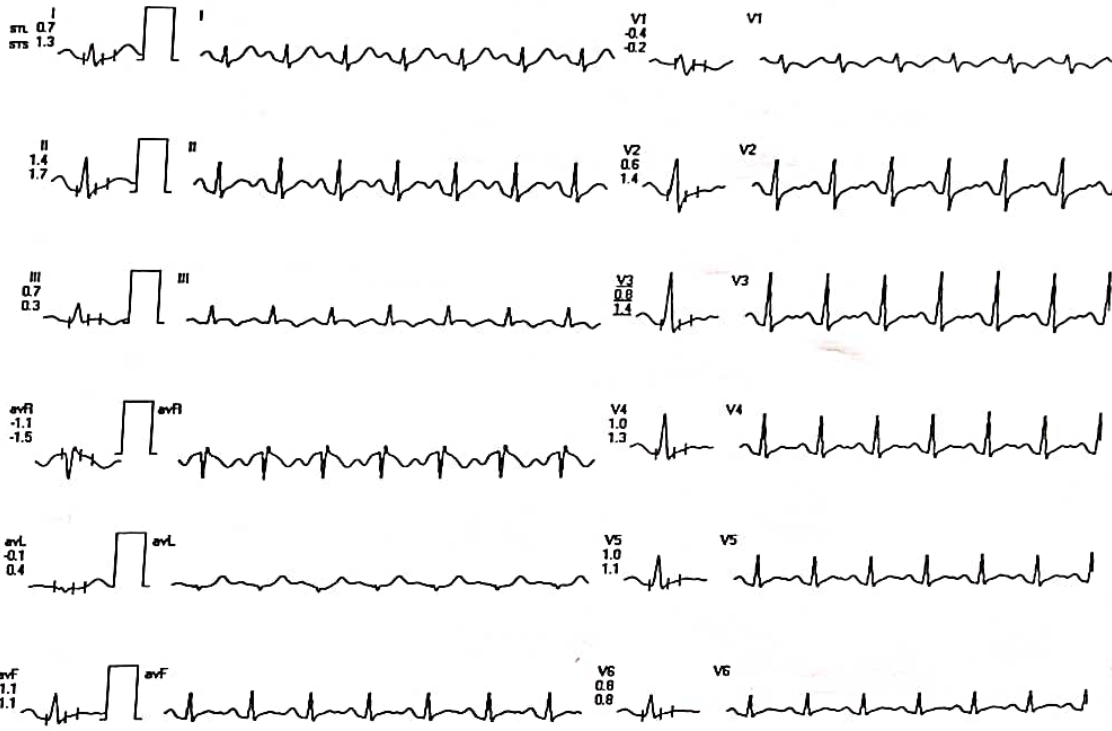


Date: 01-Nov-2023 10:44:52 AM

METS: 7.1/137 bpm 72% of THR BP: 140/90 mmHg Combined Medians/BLC On/ Notch On/HF 0.05 Hz/LF 20 Hz

ExTime: 06:00 2.5 mph. 12.0%  
25 mm/Sec. 1.0 Cm/mV

4X  
60 mS Post J



REMARKS:



SACHIN MAMTA HOSPITAL

514 / MR. VIPUL GOYAL / 31 Yrs / M / 10 Cms / 68 Kg / HR : 160

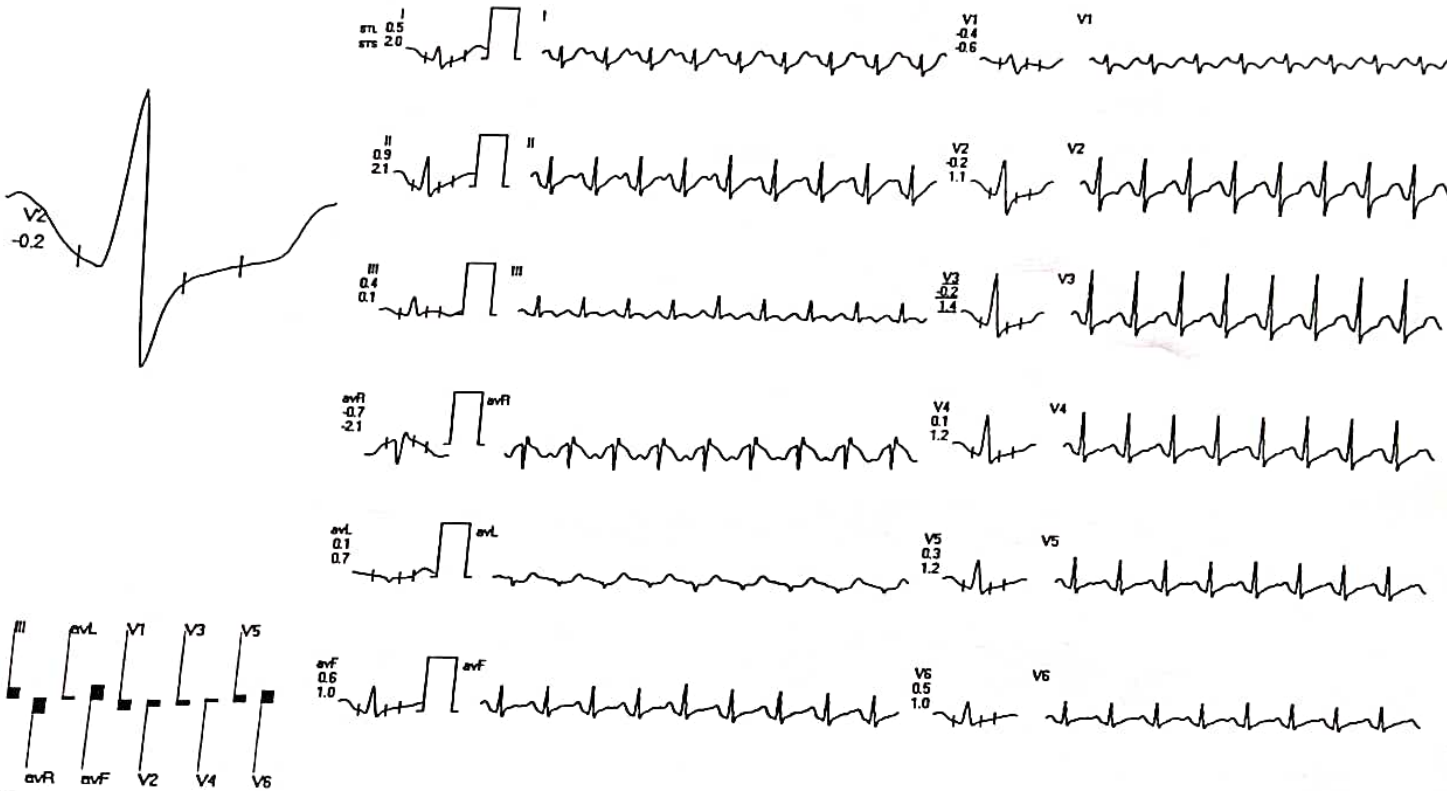
Date: 01-Nov-2023 10:44:52 AM METS: 9.0/ 160 bpm 85% of THR BP: 150/90 mmHg Combined Medians/BLC Or/ Notch Or/HF 0.05 Hz/LF 20 Hz

4X 60 mS Post J

PeakEx



ExTime: 07:52 3.4 mph. 14.0%  
25 mm/Sec. 1.0 Cm/mV



REMARKS:

SACHIN MAMTA HOSPITAL

514 / MR. VIPUL GOYAL / 31 Yrs / M / 10 Cms / 68 Kg / HR : 142

Recovery : ( 01:00 )



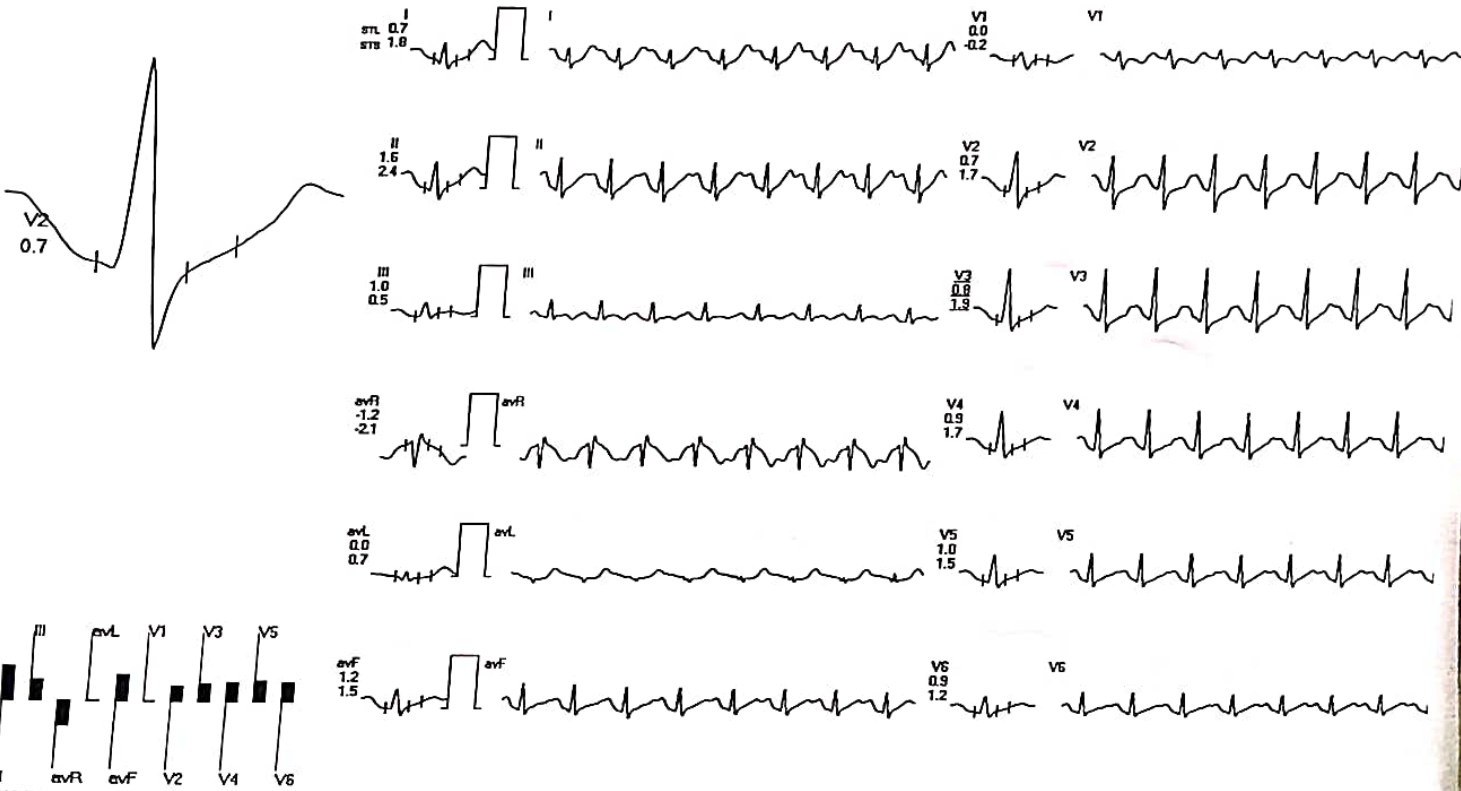
Date: 01-Nov-2023 10:44:52 AM

METS: 1.1 / 142 bpm 75% of THR BP: 150/90 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 20 Hz

ExTime: 07:52 0.0 mph 0.0%  
25 mm/Sec. 1.0 Cm/mV

4X

60 mS Post J



REMARKS:



SACHIN MAMTA HOSPITAL

Recovery : ( 02:00 )



514/MR. VIPUL GOYAL / 31 Yrs / M / 0 Cms / 68 Kg / HR : 124

Date: 01-Nov-2023 10:44:52 AM METS: 1.0/ 124 bpm 66% of THR BP: 150/90 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 20 Hz

ExTime: 07:52 0.0 mph, 0.0%  
25 mm/Sec. 1.0 Cm/mV

4X 80 mS Post J



REMARKS:

SACHIN MAMTA HOSPITAL

514/MR. VIPUL GOYAL /31 Yrs /M /10 Cms /68 Kg /HR 115

Recovery : ( 02:18 )

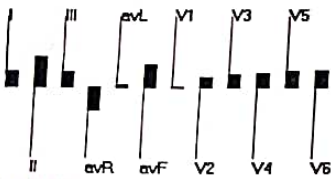
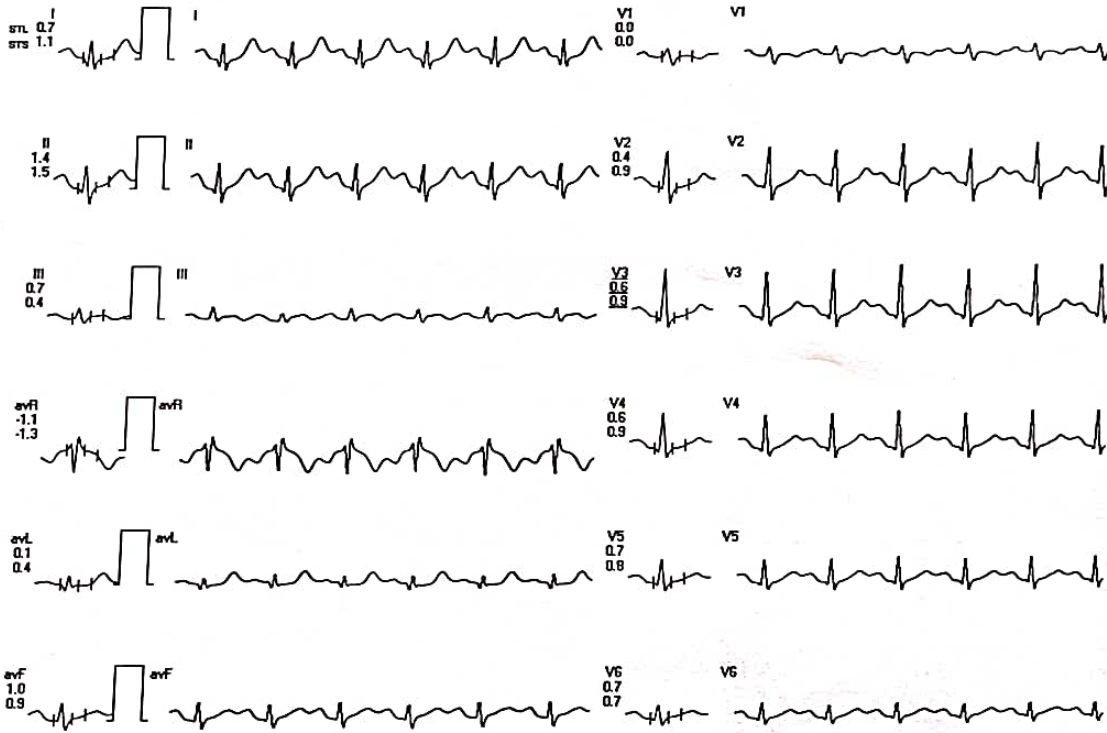


Date: 01-Nov-2023 10:44:52 AM

METS: 1.0/ 115 bpm 61% of THR BP: 150/90 mmHg Combined Medians/BLC On/ Notch On/HF 0.05 Hz/LF 20 Hz

ExTime: 07:52 0.0 mph. 0.0%  
25 mm/Sec. 1.0 Cm/mV

4X 80 mS Post J





SACHIN MAMTA HOSPITAL

514 / MR. VIPUL GOYAL / 31 Yrs / M / 10 Cms / 68 Kg / HR : 79

Date: 01-Nov-2023 10:44:52 AM

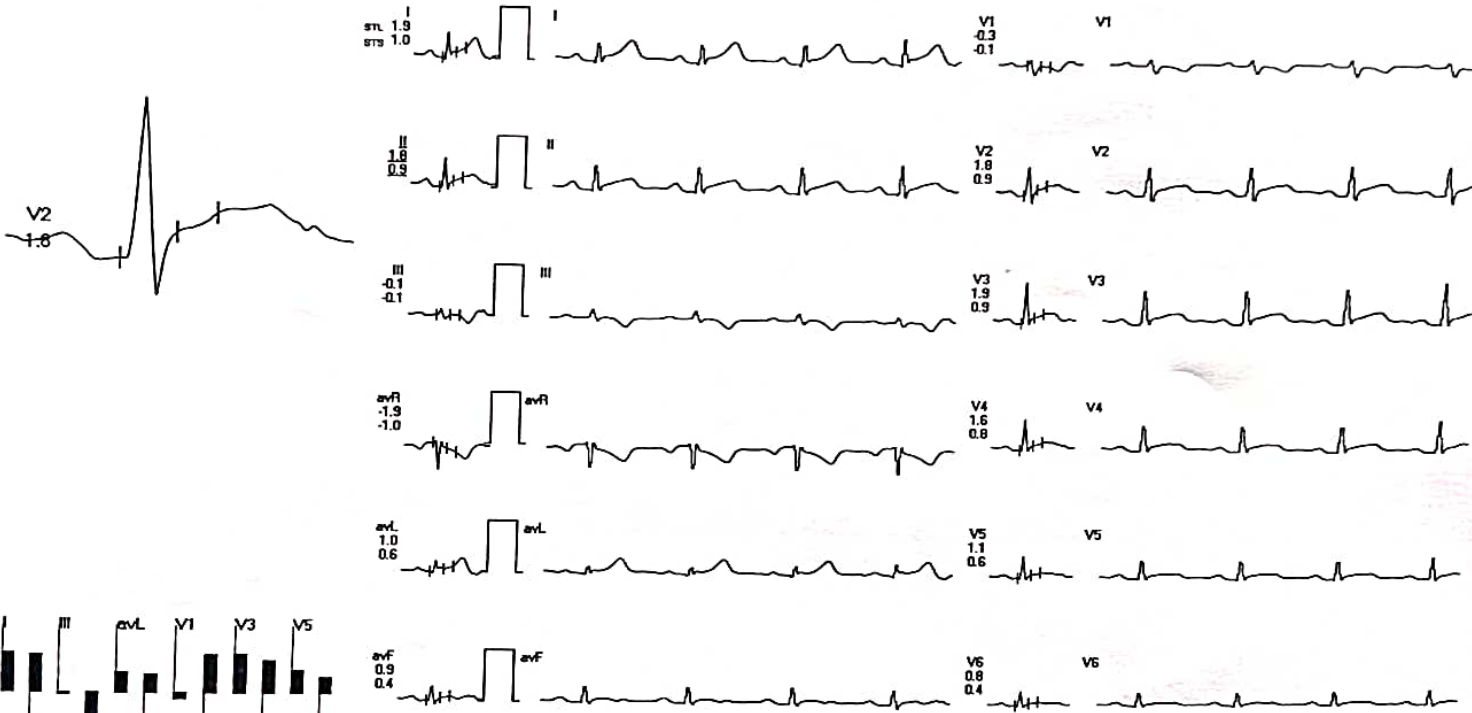
METS: 1.0/ 79 bpm 42% of THR BP: 120/80 mmHg Combined Mediana/ BLC On/ Notch On/ HF 0.05 Hz/LF 20 Hz

4X 80 mS Post J

STANDING ( 00:24 )



ExTime: 00:00 0.0 mph. 0.0%  
25 mm/5sec. 1.0 Cm/mV



REMARKS:



14 / MR. VIPUL GOYAL / 31 Yrs / M / 0 Cms / 68 Kg Date: 01-Nov-2023

Stage	Time	Duration	Speed(mph)	Elevation	METs	Rate	% THR	BP	RPP	PVC	Comments
Supine	00:17	0:17	00.0	00.0	01.0	085	45 %	—/—	000	00	
Standing	00:41	0:24	00.0	00.0	01.0	079	42 %	—/—	000	00	
ExStart	01:11	0:30	00.0	00.0	01.0	090	48 %	—/—	000	00	
BRUCE Stage 1	04:11	3:00	01.7	10.0	04.7	115	61 %	130/80	149	00	
BRUCE Stage 2	07:11	3:00	02.5	12.0	07.1	137	72 %	140/90	191	00	
PeakEx	09:03	1:52	03.4	14.0	09.0	160	85 %	150/90	240	00	
Recovery	10:03	1:00	01.1	00.0	01.2	142	75 %	150/90	213	00	
Recovery	11:03	2:00	00.0	00.0	01.0	124	66 %	150/90	186	00	
Recovery	11:21	2:18	00.0	00.0	01.0	115	61 %	150/90	172	00	

**Findings :**

Exercise Time : 07:52  
 Max HR Attained : 160 bpm 85% of Target 189  
 Max BP Attained : (Sys) 150/90  
 Max WorkLoad Attained : 9 Good response to induced stress  
 Test End Reasons : Test Complete



514 / MR. VIPUL GOYAL / 31 Yrs / M / 0 Cms / 68 Kg Date: 01-Nov-2023

**Report :**

TEST OBJECTIVE	:	SCREENING FOR CAD
RISK FACTOR	:	NONE
MEDICATION	:	NONE
BRIEF HISTORY	:	NONE
OTHER INVESTIGATION	:	X-RAY CHEST
REASON FOR TERMINATION	:	TEST COMPLETE
EXERCISE INDUCED ARRHYTHMIAS	:	NO
HAEMODYNAMIC RESPONSE	:	NORMAL
CHRONOTROPIC RESPONSE	:	NORMAL
FINAL IMPRESSION	:	STRESS TEST IS NEGATIVE FOR EXERCISE INDUCED ISCHAEMIC HEART DISEASE

**Dr. SACHIN JAIN**  
M.D. Pediatrics  
Reg. No. 14177



SPL Name - Goyal Vipul Date - 11/1/23

