

4

sub

भारत सरकार
Government of India

सुमित सिन्हा
Sumit Sinha
जन्म तिथि / DOB : 31/07/2000
पुरुष / Male

6303 9227 6007

मेरा आधार, मेरी पहचान



18-05-2024 11:38:10 P.M.

ID: 64

SUMIT SINHA
Male 23Years

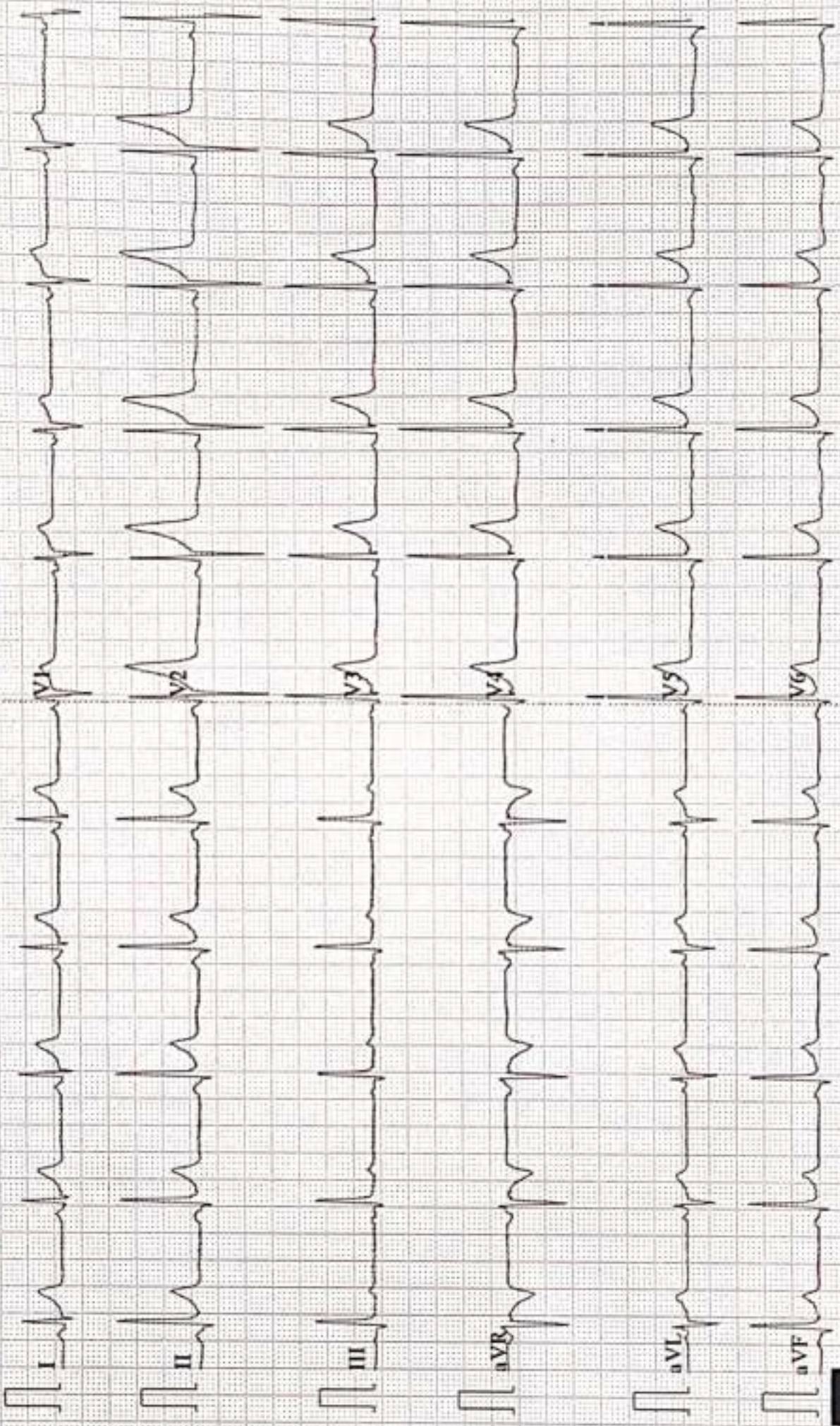
Diagnosis Information:

Sinus Arrhythmia
Slight ST Elevation(V4,V5)

HR : 63 bpm
P : 99 ms
PR : 121 ms
QRS : 89 ms
QT/QTc : 345/354 ms
PQRST : 43:67/41 °
RV5/SV1 : 1.887/0.622 mV

Ref-Phys. :

Report Confirmed by:



AAROGYAM DIAGNOSTICS**PATNA**

2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 99 Kg Date: 18-Mar-2024 Technician : ARUN

Report

(GEM212170906)(R)Kardio by Allengers

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:03	0:01	00.0	00.0	01.0	100	51 %	110/70	110	00	
Standing	00:09	0:01	00.0	00.0	01.0	100	51 %	110/70	110	00	
HV	00:14	0:01	00.0	00.0	01.0	105	53 %	110/70	115	00	
Warm Up	00:32	0:01	01.0	00.0	01.0	095	48 %	110/70	104	00	
ExStart	00:50	0:06	01.7	10.0	01.1	093	47 %	110/70	102	00	
BRUCE/ Stage 1	03:50	3:00	01.7	10.0	04.7	135	69 %	115/75	155	00	
BRUCE/ Stage 2	06:50	3:00	02.5	12.0	07.1	159	81 %	120/80	190	00	
BRUCE/ Stage 3	09:50	3:00	03.4	14.0	10.2	173	88 %	125/85	216	00	
PeakEx	10:27	0:37	04.2	16.0	10.9	180	91 %	125/85	225	00	
Recovery	11:26	1:00	01.1	00.0	04.3	154	78 %	120/80	184	00	
Recovery	12:26	2:00	01.1	00.0	01.0	129	65 %	115/75	148	00	
Recovery	13:54	3:27	01.1	00.0	01.0	127	64 %	110/70	139	00	

Findings :

Exercise Time : 09:38
 Max HR Attained : 180 bpm 91% of Target 197
 Max BP Attained : (Sys) 125/85
 Max WorkLoad Attained : 10.9 Good response to induced stress
 Max ST Dep Lead & Value : III & -1.6 mm in Recovery mm
 Test End Reasons : Test Complete

Report :

AAROGYAM DIAGNOSTICS

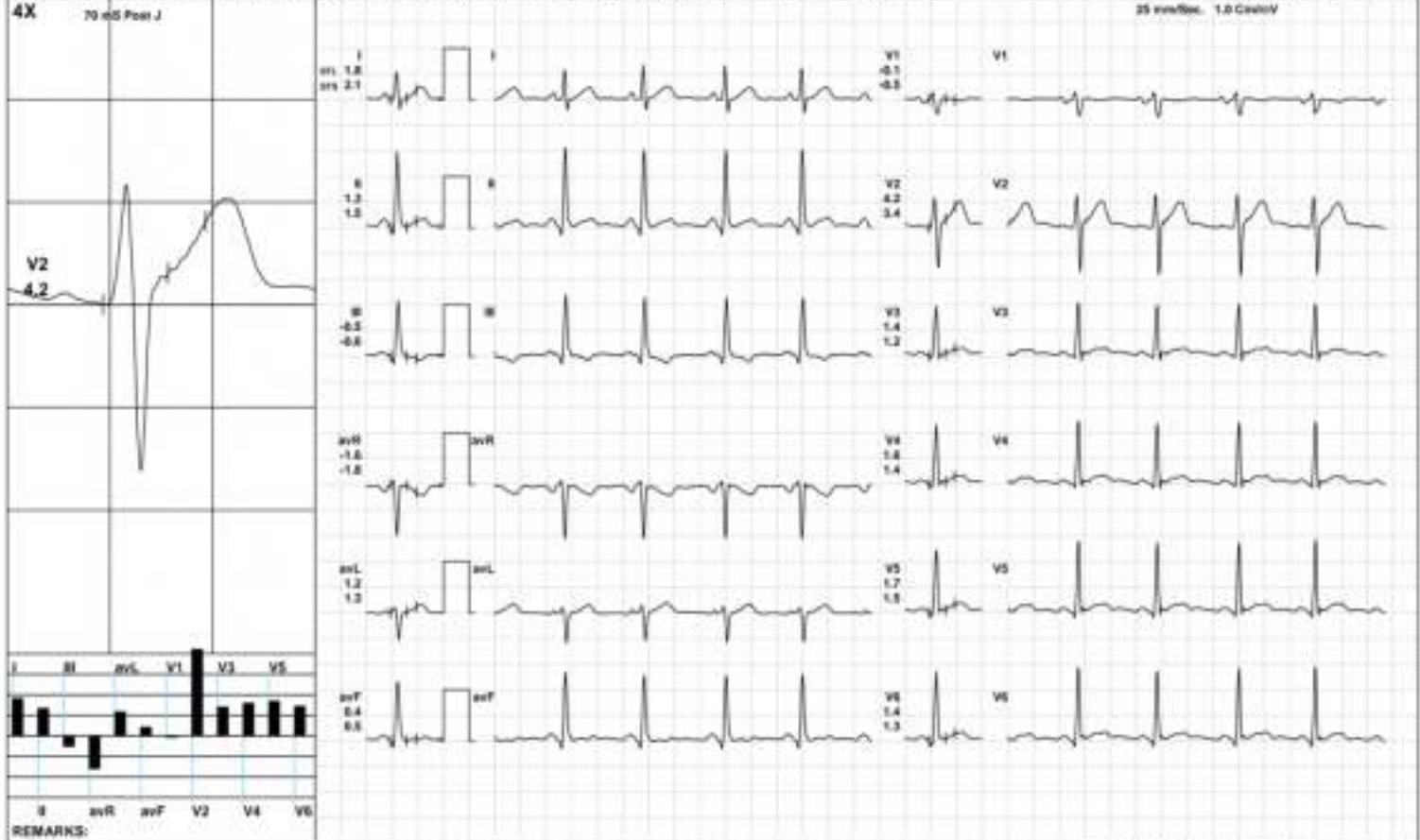
Supine



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 89 Kg / HR : 100

Date: 18-Mar-2024 01:03:35 PM METS: 1.0/100 bpm 50% of THR BP: 110/70 mmHg Rate ECG: BUC Ov Notch Ov HF 0.05 Hz/LF 100 Hz

ExTime: 00:03 0.0 r/s, 0.0%



AAROGYAM DIAGNOSTICS

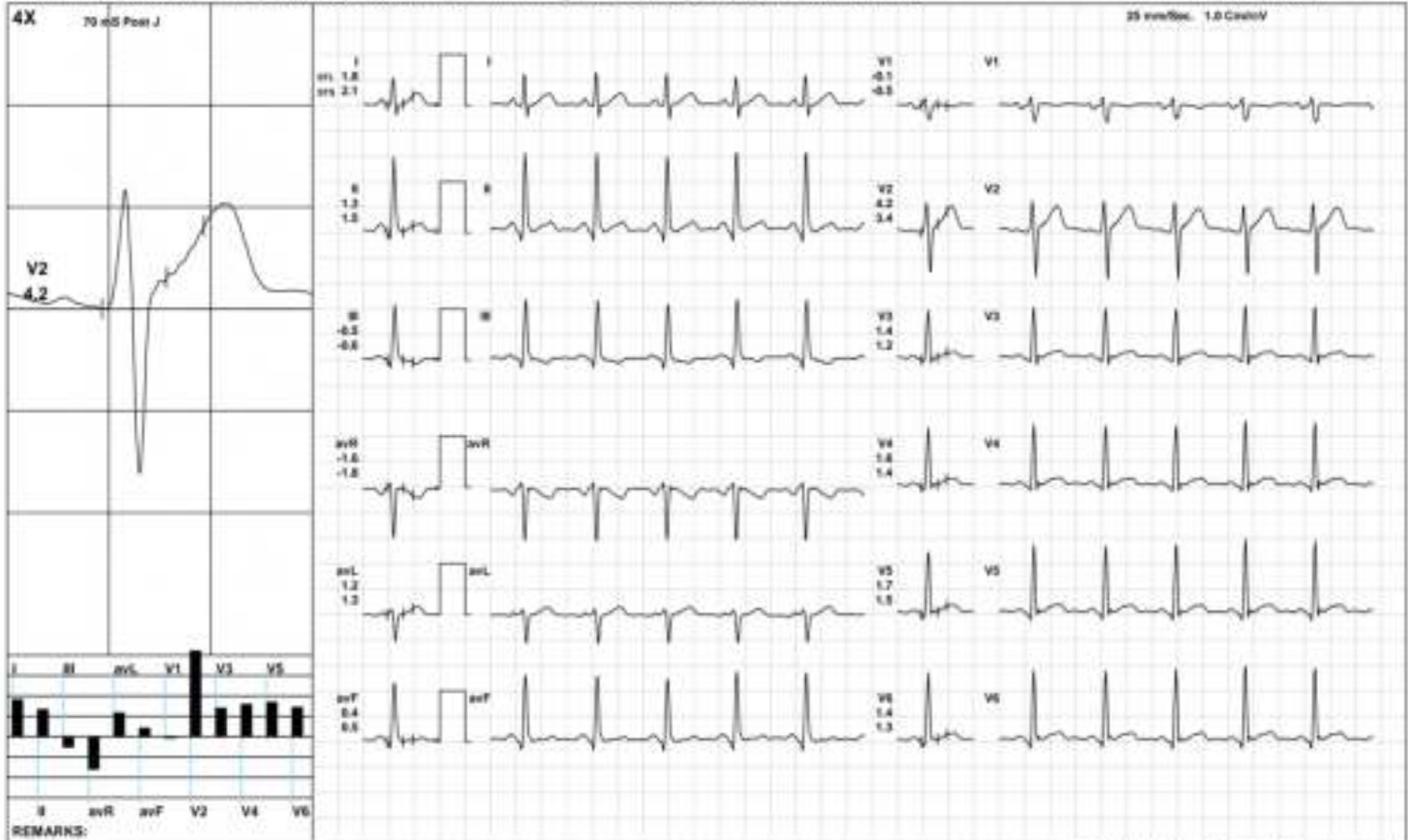
HV



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 89 Kg / HR : 105

Date: 18-Mar-2024 01:03:35 PM METS: 1.0/105 bpm 53% of THR BP: 110/78 mmHg Rate ECG: BUC Ov Notch Ov HF 0.05 Hz/LF 100 Hz

ExTime: 00:14 0.0 r/gb, 0.0%



AAROGYAM DIAGNOSTICS

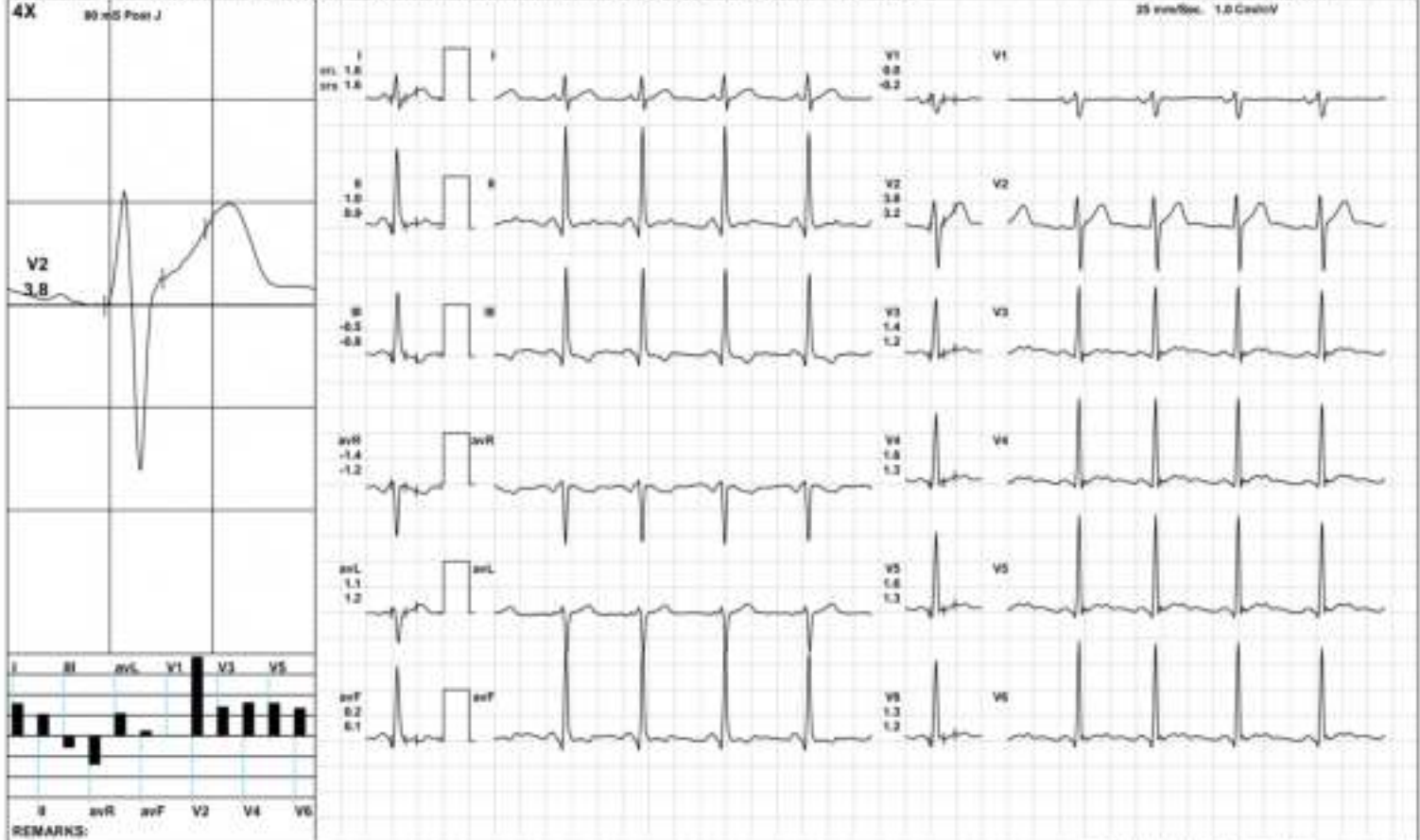
Warm Up



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 99 Kg / HR : 95

Date: 18-Mar-2024 01:03:35 PM METS: 1.0/95 bpm 48% of THR BP: 110/70 mmHg Raw ECG/ BLC Div/ Natch Div HF 0.05 Hz/ LF 150 Hz

ExTime: 00:32 1.0 rgh, 0.0%



AAROGYAM DIAGNOSTICS

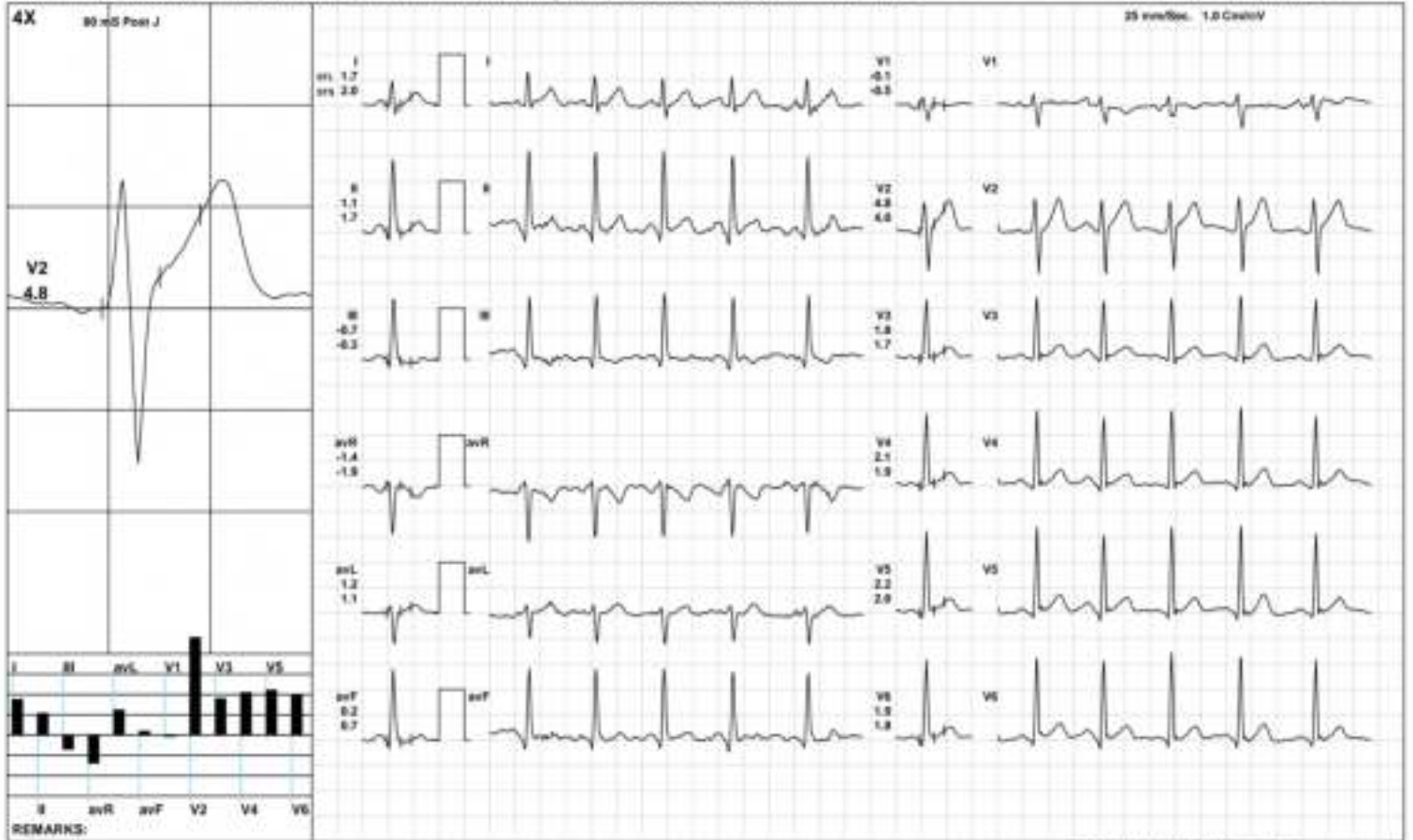
ExStart



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 99 Kg / HR : 93

Date: 18-Mar-2024 01:03:35 PM METS: 1.17/93 bpm 47% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Noch On HF 0.05 Hz/ LF 150 Hz

ExTime: 00:06 1.7 mph, 10.8%



AAROGYAM DIAGNOSTICS

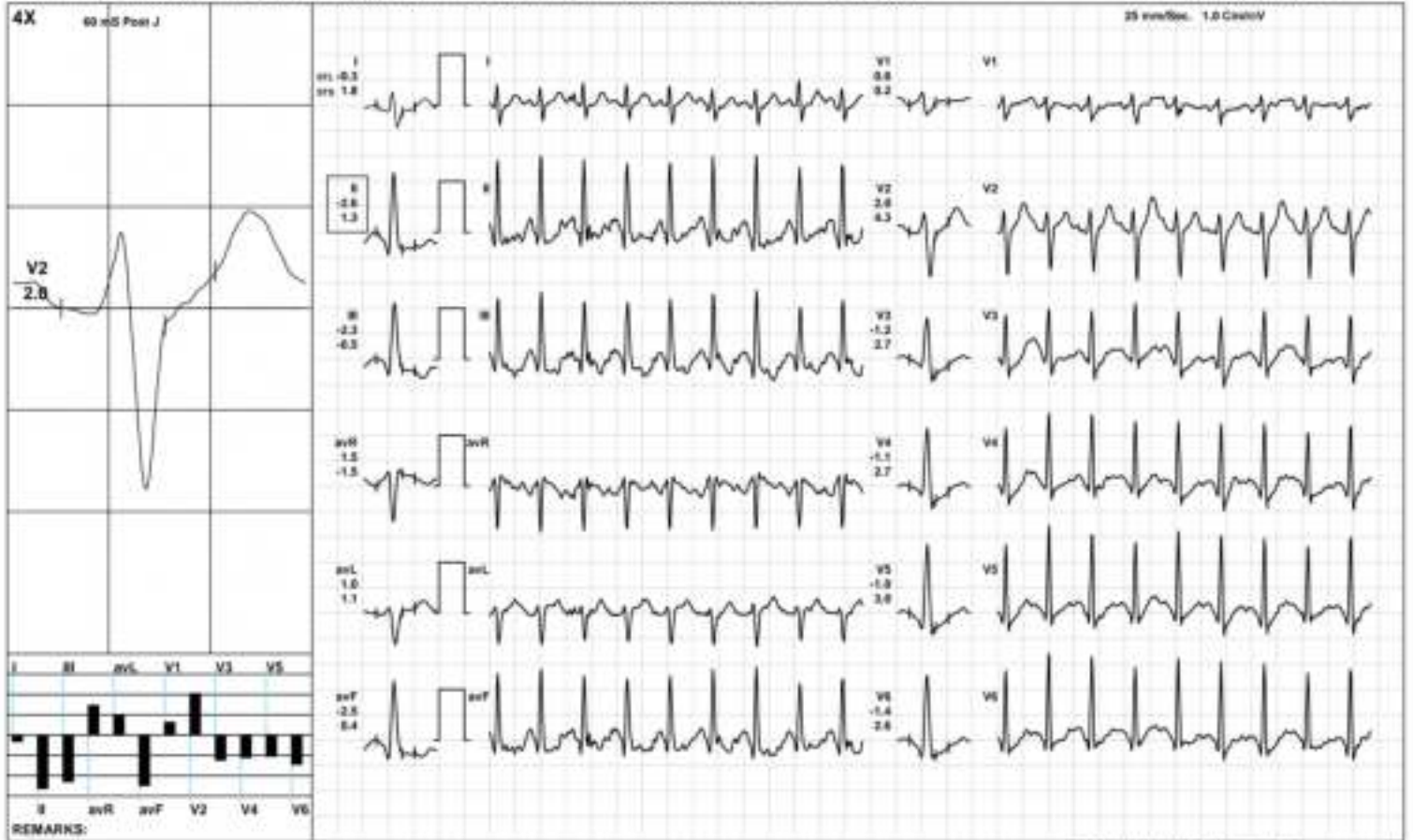
BRUCE/Stage 3(3:00)



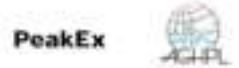
2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 89 Kg / HR : 173

Date: 18-Mar-2024 01:03:35 PM METS: 18.2/173 (poor 87% of THR) BP: 125/85 mmHg Raw ECG/BLC QrV Natch QrV HF 0.05 Hz LF 100 Hz

ExTime: 09:00 3.4 mph, 14.8%



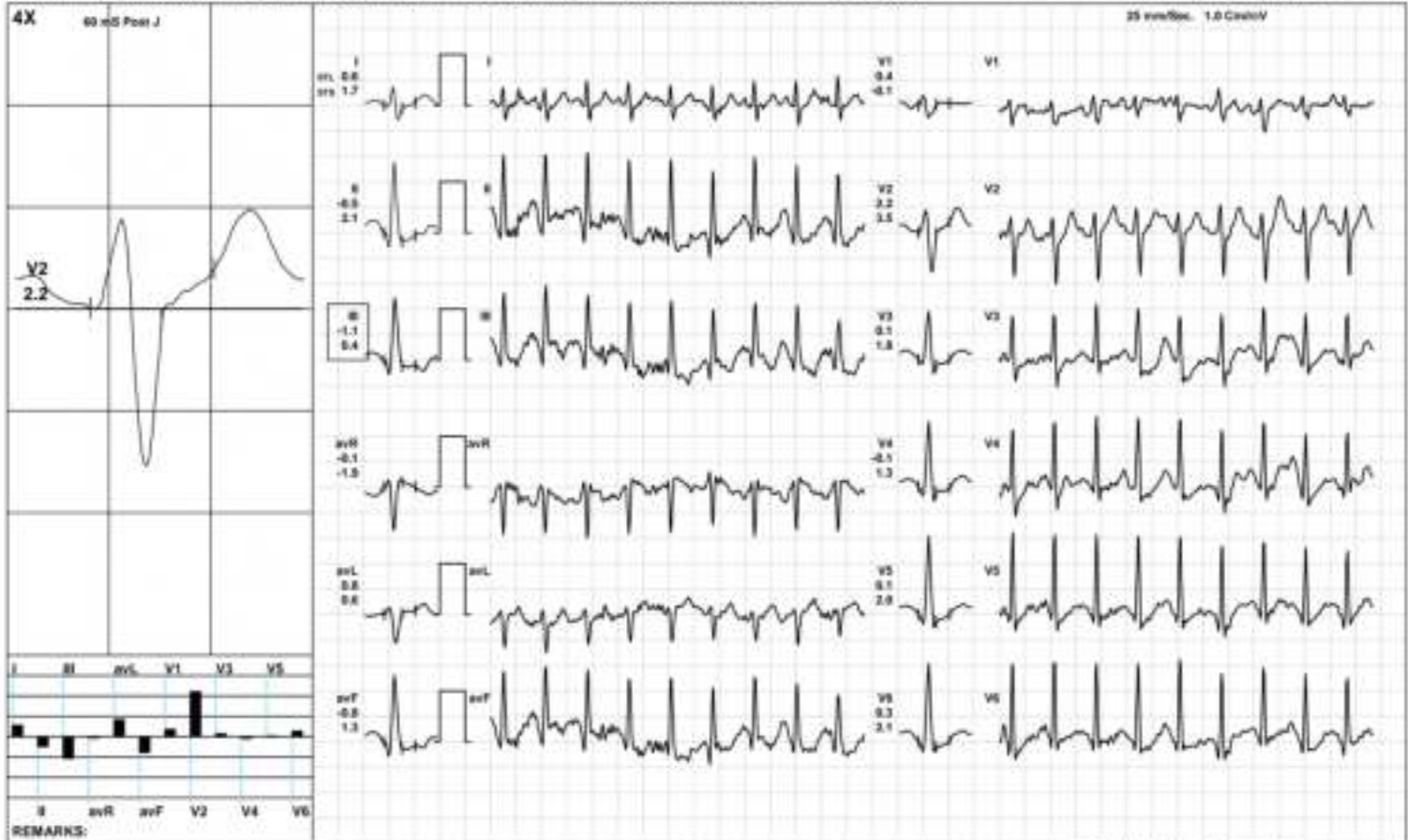
AAROGYAM DIAGNOSTICS



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 99 Kg / HR : 180

Date: 18-Mar-2024 01:03:35 PM METS: 18.9/180 (poor 91% of THR) BP: 125/85 mmHg Raw ECG/BLC Qv/ Natch Qv HF 0.05 Hz/ LF 100 Hz

ExTime: 09:37 4.2 mph, 16.8%



AAROGYAM DIAGNOSTICS

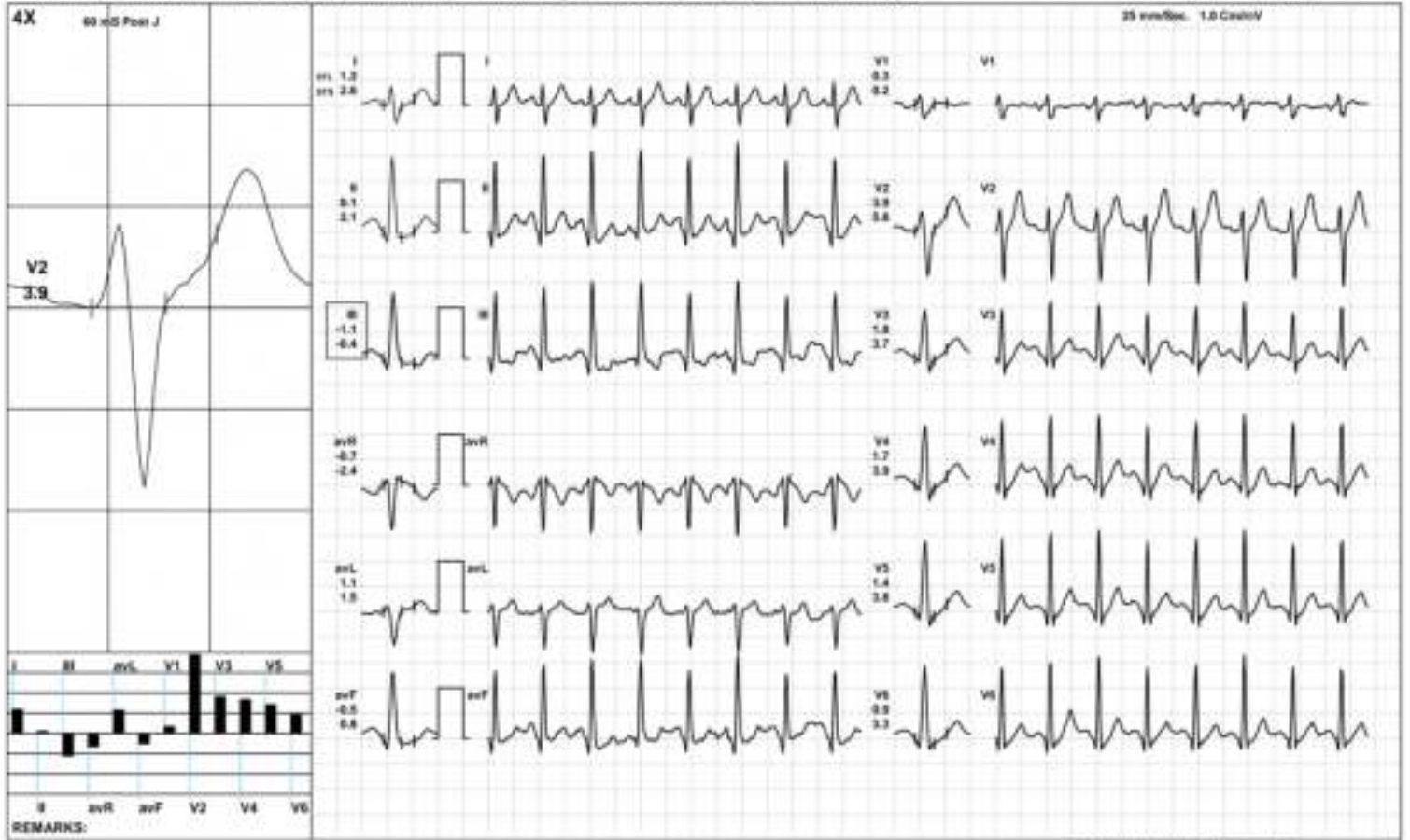
Recovery(1:00)



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 89 Kg / HR : 154

Date: 18-Mar-2024 01:03:35 PM METS: 4.3/154 bpm 78% of THR BP: 120/80 mmHg Raw ECG/BLC/Drv/Match/Drv/HF 0.05 Hz/LF 100 Hz

ExTime: 09:38 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

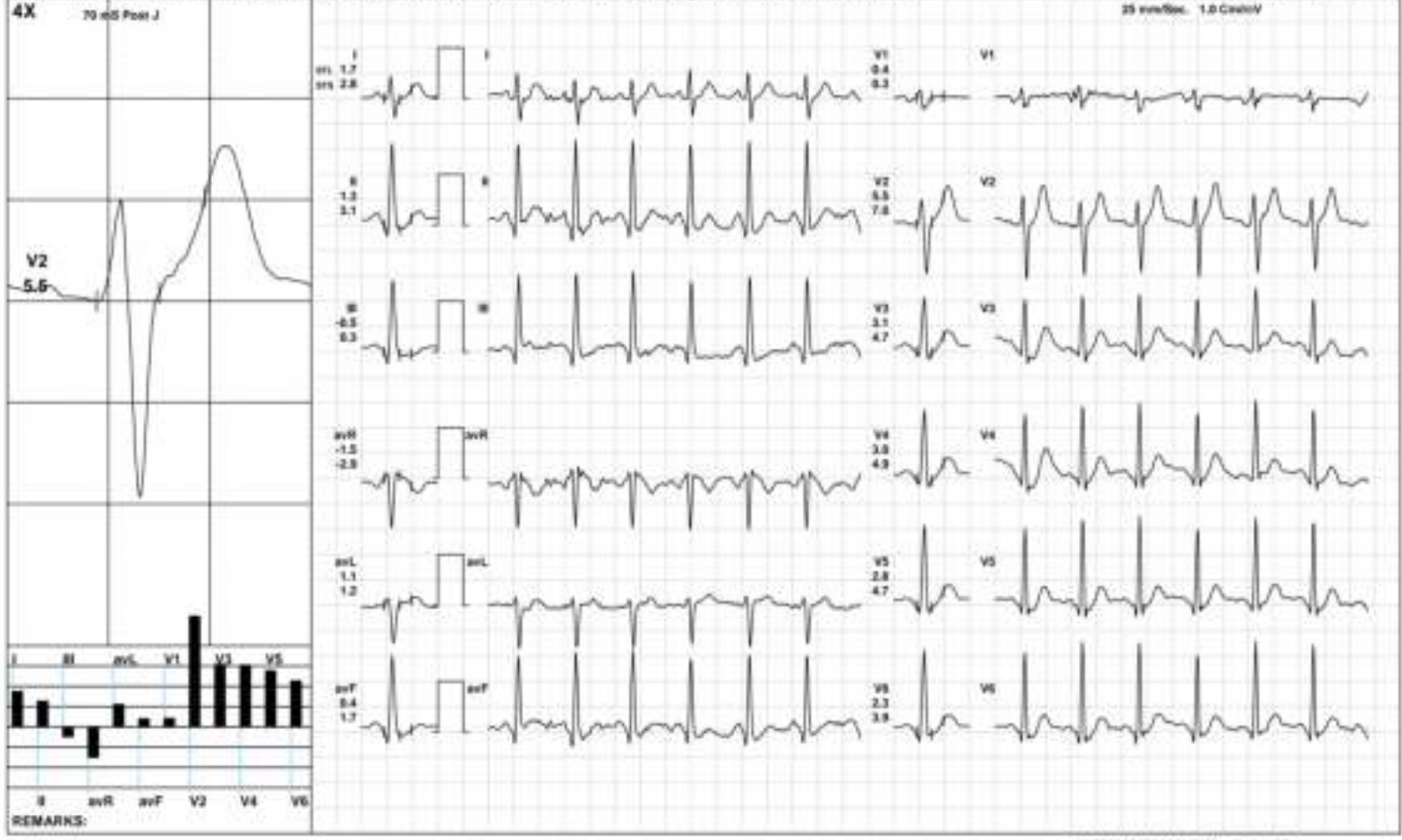
Recovery(2:00)



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 89 Kg / HR : 129

Date: 18-Mar-2024 01:03:35 PM METS: 1.0/ 129 bpm 68% of THR BP: 115/75 mmHg Rate ECG: BUC Ov Notch Ov HF 0.05 Hz/ LF 100 Hz

ExTime: 09:38 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

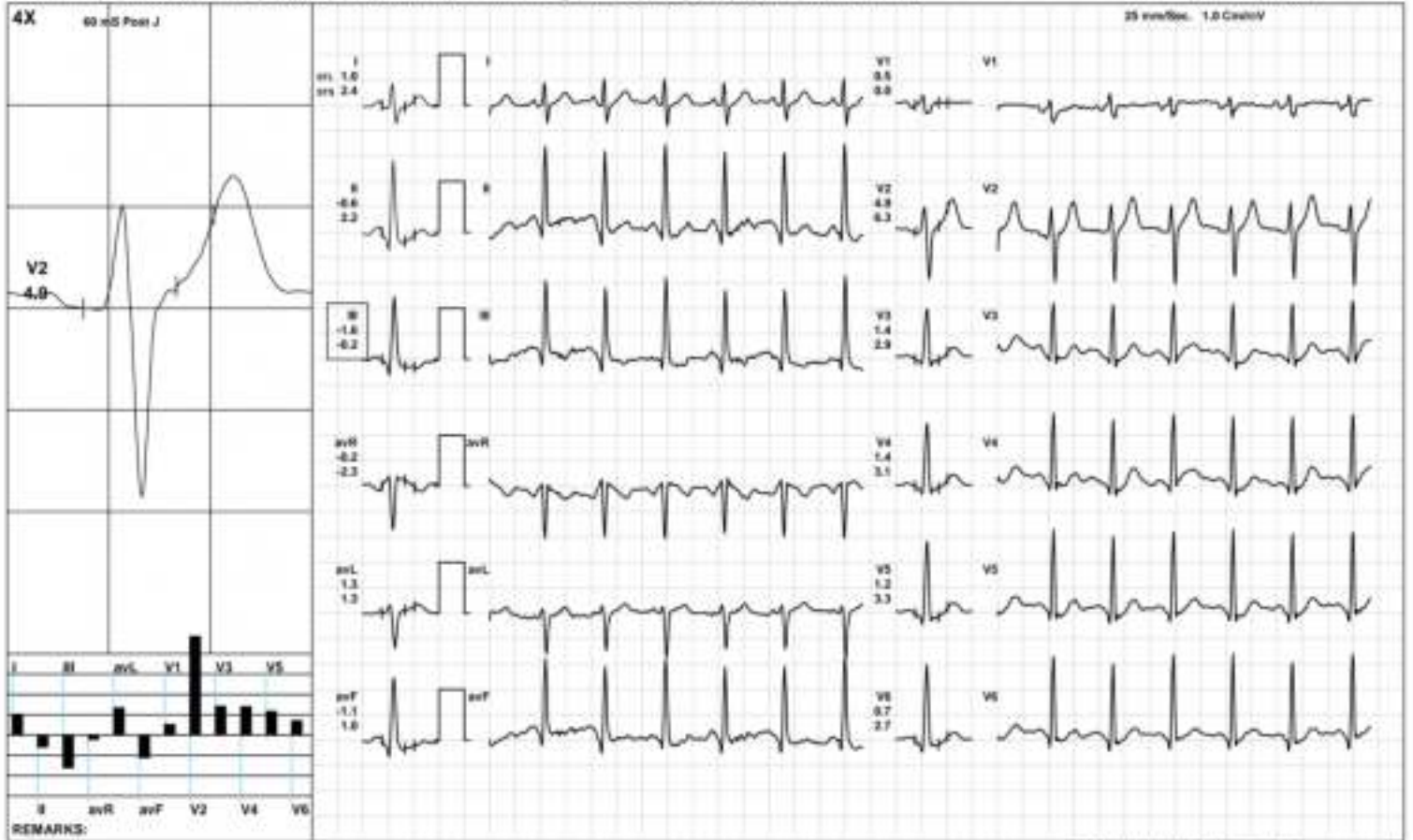
Recovery(3:27)



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 89 Kg / HR : 127

Date: 18-Mar-2024 01:03:35 PM METS: 1.0/127 bpm 64% of THR BP: 110/78 mmHg Rate ECG: BUC Ov Notch Ov HF 0.05 Hz/LF 100 Hz

ExTime: 09:38 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

ST Measurements



2592 / MR. SUMIT SINHA / 23 Yrs / M / 177 Cms / 89 Kg / HR : 106

Date: 16-Mar-2024 01:03:35 PM

Protocol : BRUCE/

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	STS(mv/sec)
STL(mm)Supine	1.8	1.3	-0.5	-1.6	1.2	0.4	-0.1	4.2	1.4	1.6	1.7	1.4	2.1	1.5	-0.6	-1.8	1.3	0.5	-0.5	3.4	1.2	1.4	1.5	1.3	
60 @mS Standing	1.8	1.3	-0.5	-1.6	1.2	0.4	-0.1	4.2	1.4	1.6	1.7	1.4	2.1	1.5	-0.6	-1.8	1.3	0.5	-0.5	3.4	1.2	1.4	1.5	1.3	
HV	1.8	1.3	-0.5	-1.6	1.2	0.4	-0.1	4.2	1.4	1.6	1.7	1.4	2.1	1.5	-0.6	-1.8	1.3	0.5	-0.5	3.4	1.2	1.4	1.5	1.3	
Warm Up	1.6	1.0	-0.5	-1.4	1.1	0.2	0.0	3.8	1.4	1.6	1.6	1.3	1.6	0.9	-0.8	-1.2	1.2	0.1	-0.2	3.2	1.2	1.3	1.3	1.2	
ExStart	1.8	1.6	-0.3	-1.7	1.1	0.7	0.0	4.0	1.5	1.6	1.7	1.5	2.0	1.2	-0.8	-1.6	1.4	0.2	-0.3	3.6	1.4	1.6	1.7	1.4	
Stage 1	0.3	-1.2	-1.5	0.5	0.9	-1.4	0.8	3.6	0.3	0.3	0.1	-0.2	2.1	1.5	-0.6	-1.8	1.4	0.4	-0.4	3.9	1.6	1.8	1.7	1.3	
Stage 2	1.0	0.7	-0.3	-0.8	0.6	0.2	0.1	2.2	0.3	0.3	0.3	0.2	1.7	1.3	-0.4	-1.5	1.1	0.4	-0.1	3.6	1.3	1.6	2.1	1.5	
Stage 3	-0.2	-1.5	-1.3	0.8	0.6	-1.4	0.6	2.2	-0.5	-0.4	-1.1	-1.4	2.2	1.8	-0.4	-2.0	1.3	0.7	0.2	4.5	1.8	2.7	2.6	2.0	
PeakEx	0.6	-0.5	-1.1	-0.1	0.8	-0.8	0.4	2.2	0.1	-0.1	0.1	0.3	1.7	2.1	0.4	-1.9	0.6	1.3	-0.1	3.5	1.8	1.3	2.0	2.1	
Recovery	1.2	0.1	-1.1	-0.7	1.1	-0.5	0.3	3.9	1.8	1.7	1.4	0.9	2.6	2.1	-0.4	-2.4	1.5	0.8	0.2	5.8	3.7	3.9	3.8	3.3	
Recovery	1.7	1.3	-0.5	-1.5	1.1	0.4	0.4	5.5	3.1	3.0	2.8	2.3	2.8	3.1	0.3	-2.9	1.2	1.7	0.3	7.0	4.7	4.9	4.7	3.9	
Recovery	1.0	-0.6	-1.6	-0.2	1.3	-1.1	0.5	4.9	1.4	1.4	1.2	0.7	2.4	2.2	-0.2	-2.3	1.3	1.0	0.0	6.3	2.9	3.1	3.3	2.7	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μ Vs)	Supine	10.8	7.8	-2.9	-9.3	6.8	2.5	0.1	26.4	8.4	9.5	10.2	8.8
	Standing	10.8	7.8	-2.9	-9.3	6.8	2.5	0.1	26.4	8.4	9.5	10.2	8.8
	HV	10.8	7.8	-2.9	-9.3	6.8	2.5	0.1	26.4	8.4	9.5	10.2	8.8
	Warm Up	9.6	6.2	-3.5	-8.5	6.7	1.2	0.5	25.2	8.6	9.6	9.6	8.2
	ExStart	10.9	10.7	-1.9	-11.1	6.4	4.9	0.5	26.8	8.8	9.2	10.3	8.8
	Stage 1	-1.3	-9.0	-7.8	5.0	3.2	-8.5	5.4	15.0	-0.1	-0.5	-1.7	-2.8
	Stage 2	2.2	1.4	-0.7	-1.8	1.5	0.3	0.9	6.3	-0.8	-1.0	-1.7	-1.7
	Stage 3	-5.9	-12.1	-6.3	9.0	0.3	-9.2	3.9	3.3	-6.4	-8.0	-11.9	-12.7
	PeakEx	-0.1	-7.7	-7.7	3.9	3.8	-7.7	3.0	5.6	-3.9	-4.3	-4.7	-3.8
	Recovery	1.4	-4.6	-6.0	1.6	3.7	-5.3	2.3	10.3	2.9	1.5	0.2	-1.4
	Recovery	6.2	1.9	-4.3	-4.1	5.3	-1.3	2.6	23.3	11.5	10.9	9.2	7.3
	Recovery	2.6	-6.4	-9.1	1.9	5.9	-7.7	3.0	18.7	4.2	3.7	2.0	0.3



PATNA

2592 / MR. SUMIT SANHA / 23 Yrs / Male / 177 Cm / 99 Kg

Time	HR	PR Int	QRS Wid	QRS Axis	QTc	P(µV)	R(µV)	S(µV)	T(µV)	Min. J Leads for	Min. Post #R Var	VEB	Missed Beats		
(Min.)	(Bpm)	(mS)	(mS)	(Deg.)	(mS)	(Max)	(Max)	(Min)	(Max)	(µV)	(J & PJ)	(%)	(Counts)		
00:30	110	198	64	77	407	172	1643	-1068	619	78	III	-74	0.00	0	0
01:00	118	180	64	76	430	204	1618	-991	618	151	III	-66	0.00	0	0
01:30	141	120	62	81	353	219	1546	-920	402	89	III	-59	0.00	0	0
02:00	132	126	60	80	444	214	1594	-922	409	112	III	-53	0.00	0	0
02:30	138	132	60	82	447	221	1548	-929	449	56	III	-89	0.00	0	0
03:00	136	128	62	82	444	240	1554	-926	436	57	III	-42	0.00	0	0
03:30	136	110	62	81	436	232	1617	-929	432	69	III	-56	0.00	0	0
04:00	144	122	60	83	439	231	1621	-915	423	66	III	-61	0.00	0	0
04:30	147	110	60	84	439	260	1609	-908	294	0	III	-148	0.00	0	0
05:00	157	110	62	86	437	293	1584	-925	294	-96	V6	-60	0.00	0	0
05:30	158	106	60	86	444	196	1486	-885	377	54	III	-94	0.00	0	0
06:00	160	106	60	84	426	306	1569	-900	413	-21	III	-113	0.00	0	0
06:30	159	118	58	84	304	299	1588	-916	426	-99	V6	-33	0.00	0	0
07:00	166	96	58	87	329	261	1512	-895	450	13	III	-126	0.00	0	0
07:30	170	78	58	85	412	298	1524	-882	426	-58	III	-167	0.00	0	0
08:00	169	48	58	87	430	317	1518	-867	441	-39	III	-171	0.00	0	0
08:30	172	94	58	85	311	309	1521	-900	462	-18	III	-158	0.00	0	0
09:00	167	80	60	85	300	273	1460	-919	508	-95	III	-166	0.00	0	0
09:30	173	94	58	90	424	266	1488	-914	488	-2	III	-171	0.00	0	0
10:00	179	94	58	87	310	302	1547	-928	468	-26	III	-94	0.00	0	0
10:30	177	88	60	90	319	284	1470	-890	524	-82	III	-106	0.00	0	0
11:00	160	96	74	90	309	270	1502	-912	665	-67	III	-87	0.00	0	0
11:30	145	116	74	90	292	266	1499	-965	747	-63	III	-57	0.00	0	0
12:00	129	128	74	88	418	244	1689	-976	751	-85	III	-77	0.00	0	0
12:30	132	126	76	84	410	234	1580	-972	753	-65	III	-81	0.00	0	0

AAROGYAM DIAGNOSTICS

Median Measurement Summary



PATNA

2592 / MR. SUMIT SANHA / 23 Yrs / Male / 177 Cm / 99 Kg

Time	HR	PR Int	QRS Wid	QRS Axis	QTc	P(µV)	R(µV)	S(µV)	T(µV)	Min. J Leads for	Min. Post #	RR Var	VEB	Missed Beats
(Min.)	(bpm)	(mS)	(mS)	(Deg.)	(mS)	(Max)	(Max)	(Min)	(Max)	(µV) (J & PJ)	(µV)	(%)	(Counts)	(Counts)
13:00	127	136	62	85	434	245	1598	-969	719	75 III	-41	0.00	0	0
13:30	125	48	62	84	437	232	1571	-997	706	75 III	-71	0.00	0	0



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Near Malahi Pakari Chowk, Kankarbagh, Patna - 20

9264278360, 9065875700, 8789391403

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Date	18/03/2024	Srl No.	6	Patient Id	2403180006
Name	Mr. SUMIT SINHA	Age	23 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.2	%	

EXPECTED VALUES :-

Metabolically healthy patients	=	4.8 - 5.5 % HbA1C
Good Control	=	5.5 - 6.8 % HbA1C
Fair Control	=	6.8-8.2 % HbA1C
Poor Control	=	>8.2 % HbA1C

REMARKS:-

In vitro quantitative determination of **HbA1C** in whole blood is utilized in long term monitoring of glycemia

The **HbA1C** level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose.

It is recommended that the determination of **HbA1C** be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy.

Results of **HbA1C** should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

**** End Of Report ****

Dr.R.B.RAMAN
MBBS, MD
CONSULTANT PATHOLOGIST



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Date	18/03/2024	Srl No. 6	Patient Id 2403180006
Name	Mr. SUMIT SINHA	Age 23 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	15.0	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,100	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	65	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	11	mm/1st hr.	0 - 15
R B C COUNT	5.02	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	45	%	40 - 54
M C V	89.64	fl.	80 - 100
M C H	29.88	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.24	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	NEGATIVE		
BLOOD SUGAR FASTING	81.6	mg/dl	70 - 110
SERUM CREATININE	1.04	mg%	0.7 - 1.4
BLOOD UREA	24.6	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.0	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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9264278360, 9065875700, 8789391403

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www.aarogyamdiagnostics.com

Date	18/03/2024	Srl No.	6	Patient Id	2403180006
Name	Mr. SUMIT SINHA	Age	23 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.72	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.31	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.41	mg/dl	0.00 - 0.70
TOTAL PROTEIN	8.5	gm/dl	6.6 - 8.3
ALBUMIN	3.8	gm/dl	3.4 - 5.2
GLOBULIN	4.7	gm/dl	2.3 - 3.5
A/G RATIO	0.809		
SGOT	106.4	IU/L	5 - 40
SGPT	166.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	80.5	U/L	40.0 - 130.0
GAMMA GT	23.4	IU/L	8.0 - 71.0
LFT INTERPRET			
<u>LIPID PROFILE</u>			
TRIGLYCERIDES	150.0	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	200.5	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	51.1	mg/dL	35.1 - 88.0
V L D L	30	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	119.4	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.924		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.337		0.00 - 3.55
THYROID PROFILE			
T3	0.95	ng/ml	0.60 - 1.81



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AAROGYAM DIAGNOSTICS

(A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

F- 41, PC. Colony, Opp. Madhuban Complex,
Near Malahi Pakari Chowk, Kankarbagh, Patna - 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	18/03/2024	Srl No.	6	Patient Id	2403180006
Name	Mr. SUMIT SINHA	Age	23 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
T4 Chemiluminescence	7.651	ug/dl	4.5 - 10.9
TSH Chemiluminescence	2.835	uIU/ml	

REFERENCE RANGE

PAEDIATRIC AGE GROUP

0-3 DAYS	1-20	ulu/ ml
3-30 DAYS	0.5 - 6.5	ulu/ml
1 MONTH -5 MONTHS	0.5 - 6.0	ulu/ml
6 MONTHS- 18 YEARS	0.5 - 4.5	ulu/ml

ADULTS

0.39 - 6.16 ulu/ml

Note: TSH levels are subject to circadian variation, rising several hours before the onset of sleep, reaching peak levels between 11 pm to 6 am. Nadir concentrations are observed during the afternoon. Diurnal variation in TSH level approximates $\pm 50\%$, hence time of the day has influence on the measured serum TSH concentration.

QUANTITY	20	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.015	
PH	6.0	
ALBUMIN	NIL	
SUGAR	NIL	



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Date 18/03/2024

Sri No. 6

Patient Id 2403180006

Name Mr. SUMIT SINHA

Age 23 Yrs.

Sex M

Ref. By Dr.BOB

Test Name	Value	Unit	Normal Value
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MICROSCOPIC EXAMINATION

PUS CELLS	1-2	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

Assay performed on enhanced chemi luminescence system (Centaur-Siemens)

Serum T3,T4 & TSH measurements form the three components of Thyroid screening panel, useful in diagnosing various disorders of Thyroid gland function.

1. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH level.
2. Primary hyperthyroidism is accompanied by elevated serum T3 and T4 levels along with depressed TSH values.
3. Normal T4 levels are accompanied by increased T3 in patients with T3 thyrotoxicosis.
4. Slightly elevated T3 levels may be found in pregnancy and estrogen therapy, while depressed levels may be encountered in severe illness, renal failure and during therapy with drugs like propranolol and propyl thiouracil.
5. Although elevated TSH levels are nearly always indicative of primary hypothyroidism, and may be seen in secondary thyrotoxicosis.

**** End Of Report ****

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