

SANTOSH KUMAR

Male 34Years

Diagnosis Information:

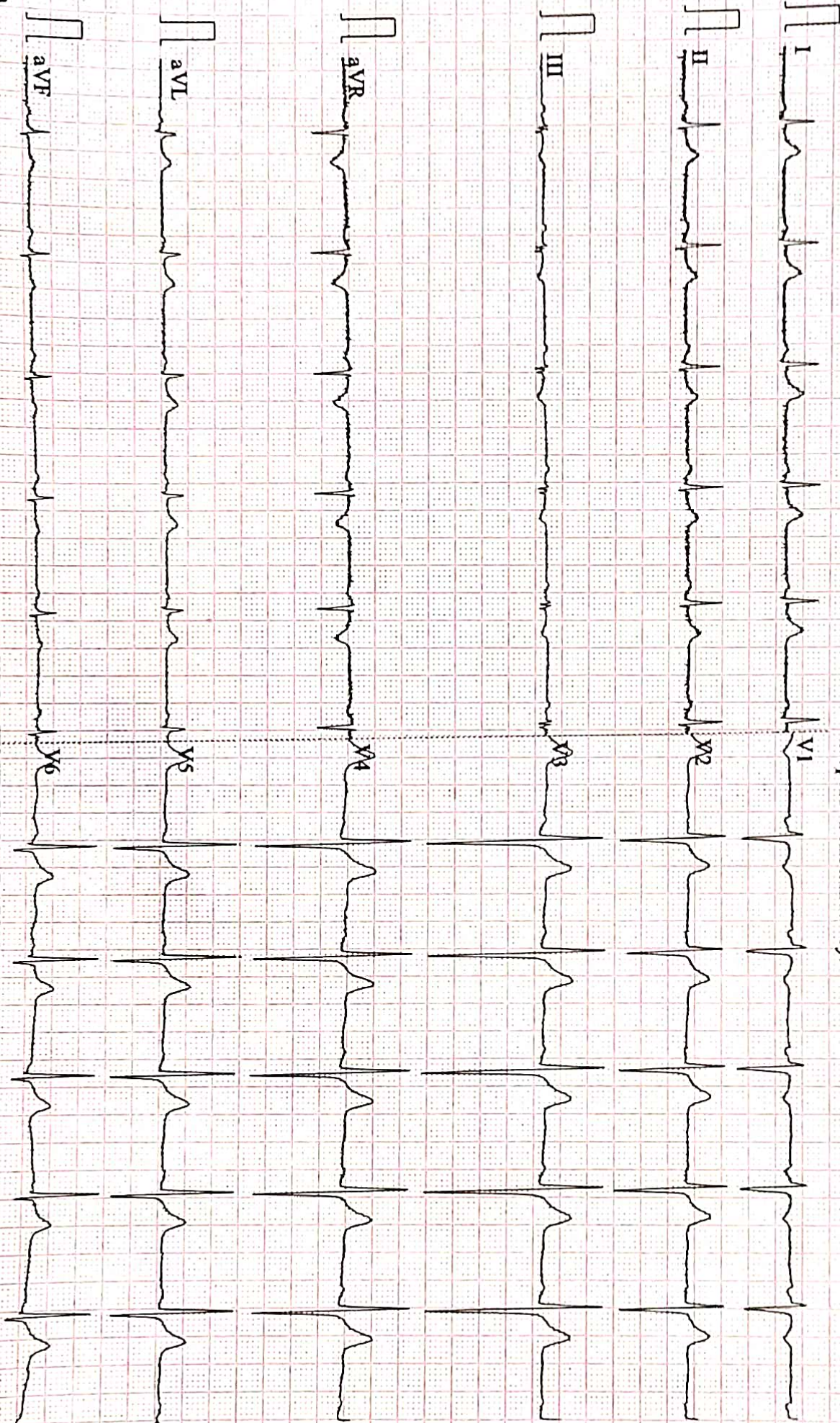
Sinus Rhythm

\*\*\*Normal ECG\*\*\*

HR	: 69	bpm
P	: 106	ms
PR	: 148	ms
QRS	: 80	ms
QT/QTc	: 343/368	ms
P/QRS/T	: 58/24/13	°
RV5/SV1	: 1.40/3.0.893	mV

Ref-Phys. :

Report Confirmed by:



0.07~100Hz AC50 25mm/s 10mm/mV 275.0s V2.2 SEMIP V1.81 DAIGNOSTIC



ISO 9001 : 2015

# AAROGYAM DIAGNOSTICS

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

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www.aarogyamdiagnostics.com

Name :- Mr. Santosh Kumar

Age/Sex:- 34Yrs/M

Refd by :- BoB

Date :- 22/03/22

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size(13.7cm) with normal echotexture. No focal or diffuse lesion is seen. IHBR are not dilated. PV is normal in course and calibre with echofree lumen.
- G. Bladder** :- It is normal in shape, size & position. It is echofree & shows no evidence of calculus, mass or sludge.
- CBD** :- It is normal in calibre & is echofree.
- Pancreas** :- Normal in shape, size & echotexture. No evidence of parenchymal / ductal calcification is seen. No definite peripancreatic collection is seen.
- Spleen** :- Normal in size (8.5cm) with normal echotexture. No focal lesion is seen. No evidence of varices is noticed.
- Kidneys** :- Both kidneys are normal in shape, size & position. Sinus as well as cortical echoes are normal. No evidence of calculus, space occupying lesion or hydronephrosis is seen.  
Right Kidney measures 10.3cm and Left Kidney measures 10.1cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size(15cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Unremarkable Study.*

  
**Dr. U. Kumar**  
**MBBS, MD(Radio-Diagnosis)**  
**Consultant Radiologist**

**AAROGYAM DIAGNOSTICS****PATNA****1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg Date: 22-Mar-2022 Technician : ARUN****Report****(GEM212170906)(R)Kardic by Allengers**

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:04	0:01	00.0	00.0	01.0	54	29 %	120/80	064	00	
Standing	00:29	0:01	00.0	00.0	01.0	59	32 %	120/80	070	00	
HV	00:35	0:01	00.0	00.0	01.0	060	32 %	120/80	072	00	
Warm Up	00:53	0:01	01.0	00.0	01.0	057	31 %	120/80	068	00	
ExStart	01:32	0:06	01.7	10.0	01.1	100	54 %	120/80	120	00	
BRUCE/ Stage 1	04:32	3:00	01.7	10.0	04.7	119	64 %	120/80	142	00	
BRUCE/ Stage 2	07:32	3:00	02.5	12.0	07.1	137	74 %	125/85	171	00	
BRUCE/ Stage 3	10:32	3:00	03.4	14.0	10.2	176	95 %	130/90	228	00	
PeakEx	10:35	3:00	03.4	14.0	10.3	176	95 %	130/90	228	00	
Recovery	11:34	1:00	01.1	00.0	04.3	159	85 %	130/90	206	00	
Recovery	12:34	2:00	01.1	00.0	01.0	147	79 %	125/85	183	00	
Recovery	13:49	3:14	01.1	00.0	01.0	135	73 %	120/80	162	00	

**Findings :**

**Exercise Time** : 09:04  
**Max HR Attained** : 176 bpm 95% of Target 186  
**Max BP Attained** : (Sys) 130/90  
**Max WorkLoad Attained** : 10.3 Good response to induced stress  
**Max ST Dep Lead & Value** : avL & -0.9 mm in Stage 2 mm  
**Test End Reasons** : Test Complete

**Report :****Doctor : Doctor Name**

**AAROGYAM DIAGNOSTICS**

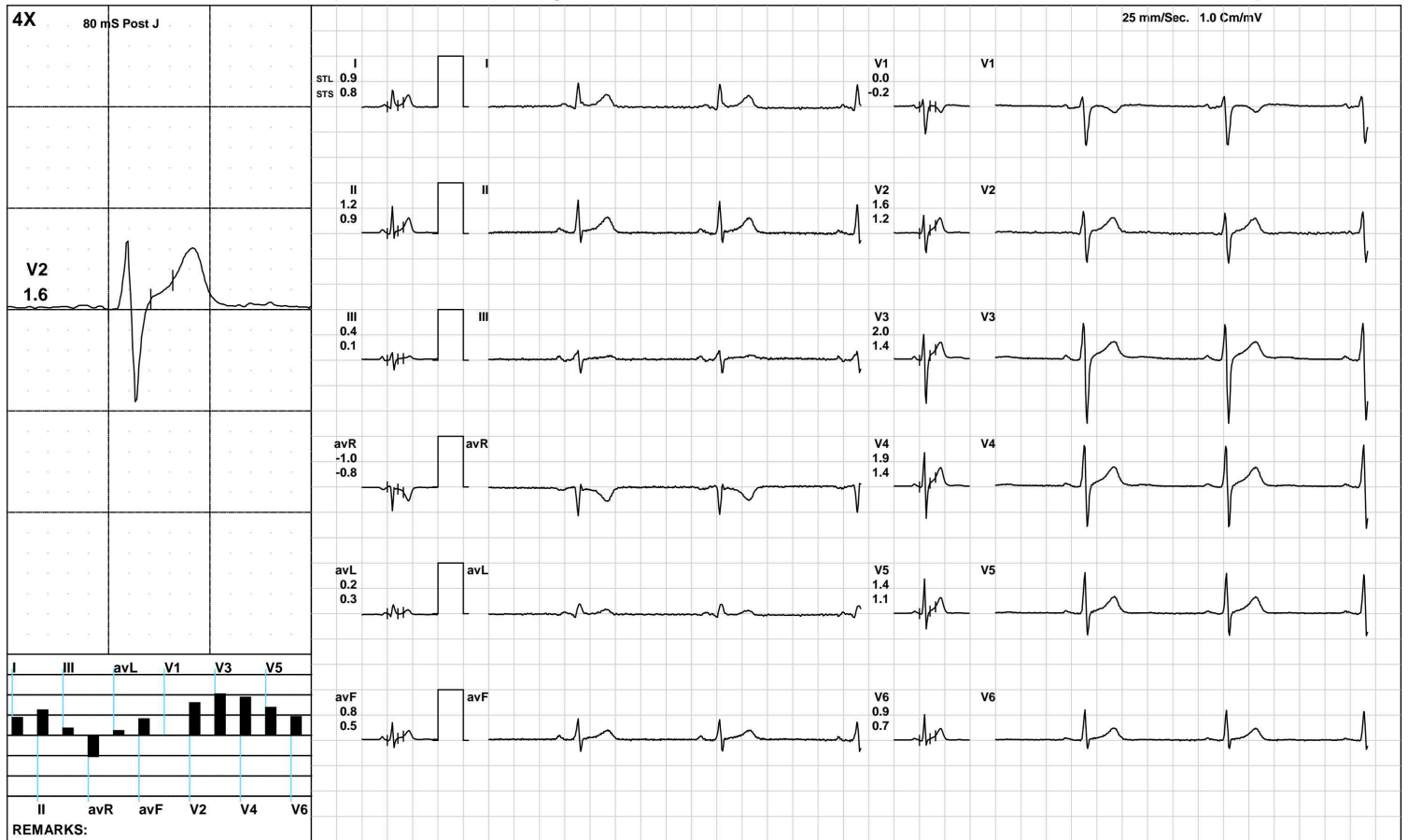
1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 54

Supine



Date: 22-Mar-2022 02:31:27 PM METS: 1.0/ 54 bpm 29% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:04 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

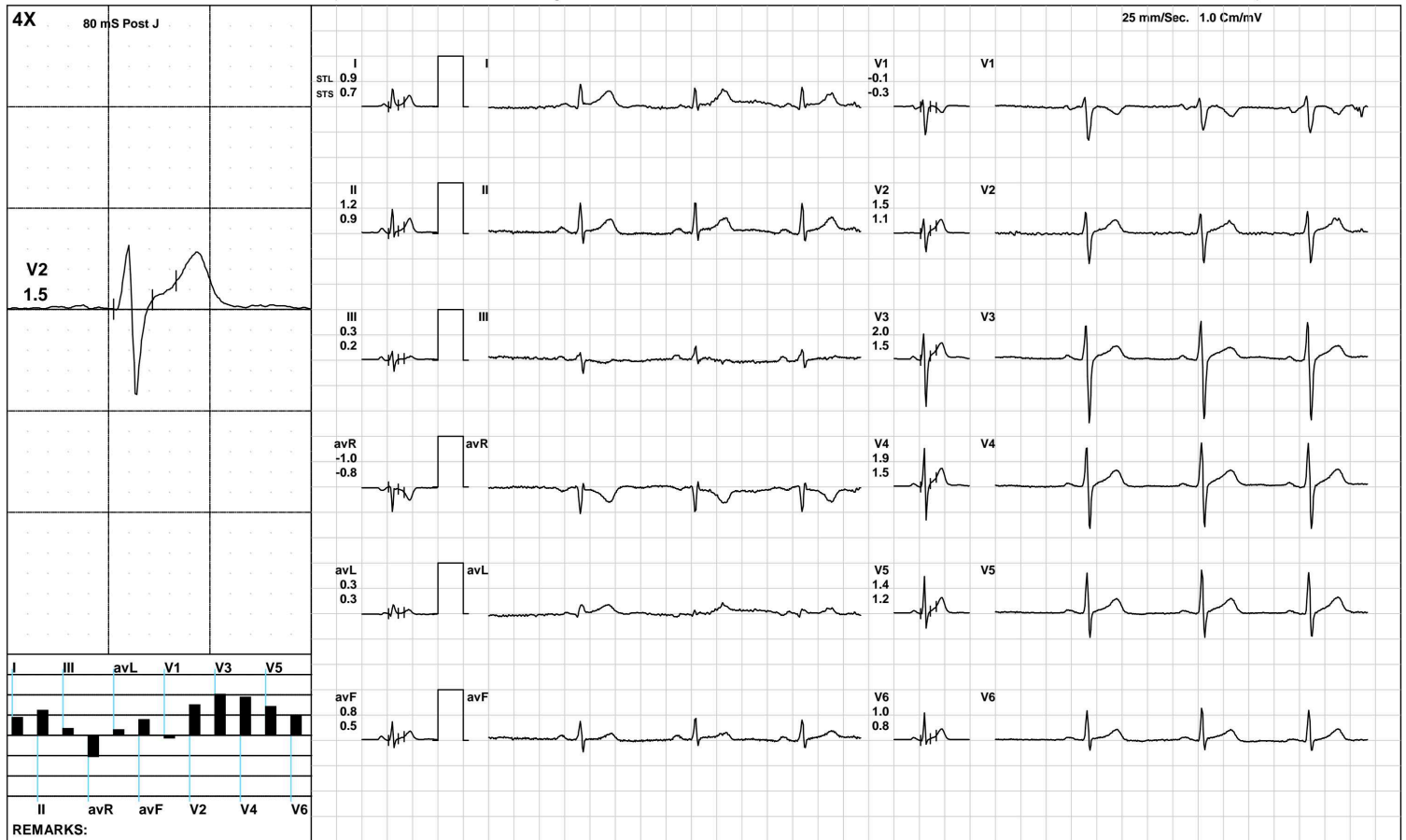
1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 59

Standing



Date: 22-Mar-2022 02:31:27 PM METS: 1.0/ 59 bpm 31% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:29 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

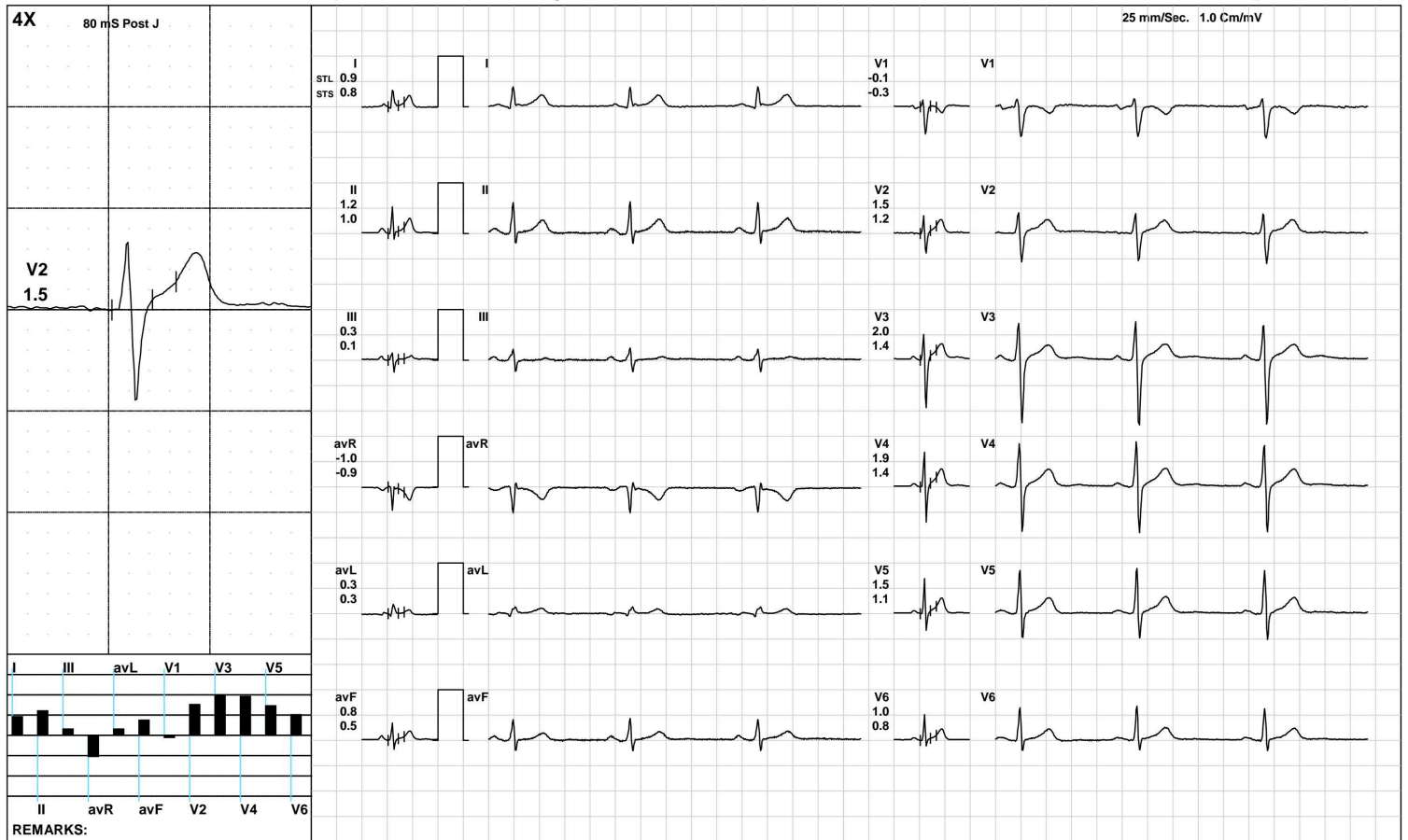
1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 60

**HV**



Date: 22-Mar-2022 02:31:27 PM METS: 1.0/ 60 bpm 32% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:35 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

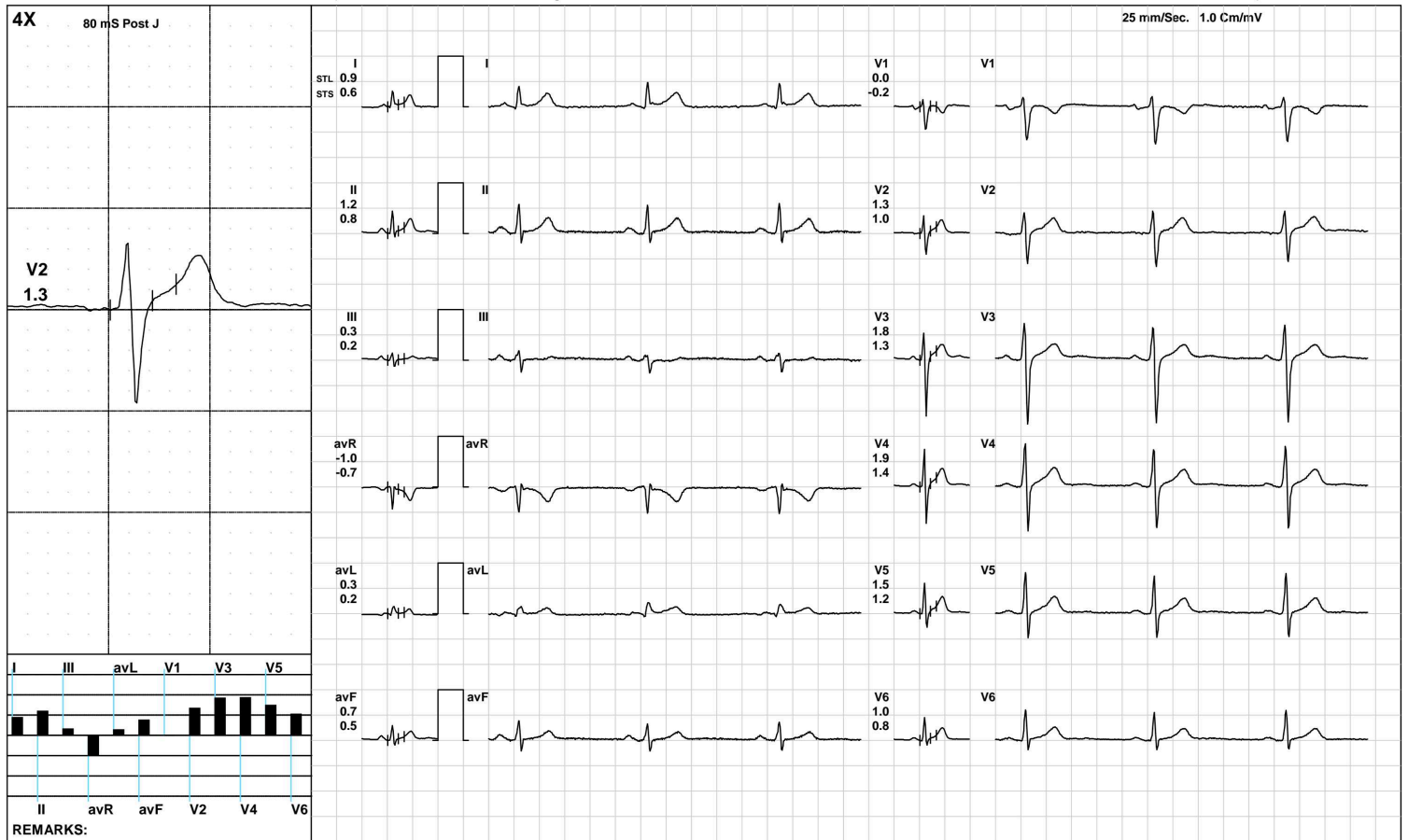
1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 57

**Warm Up**



Date: 22-Mar-2022 02:31:27 PM METS: 1.0/ 57 bpm 30% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:53 1.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

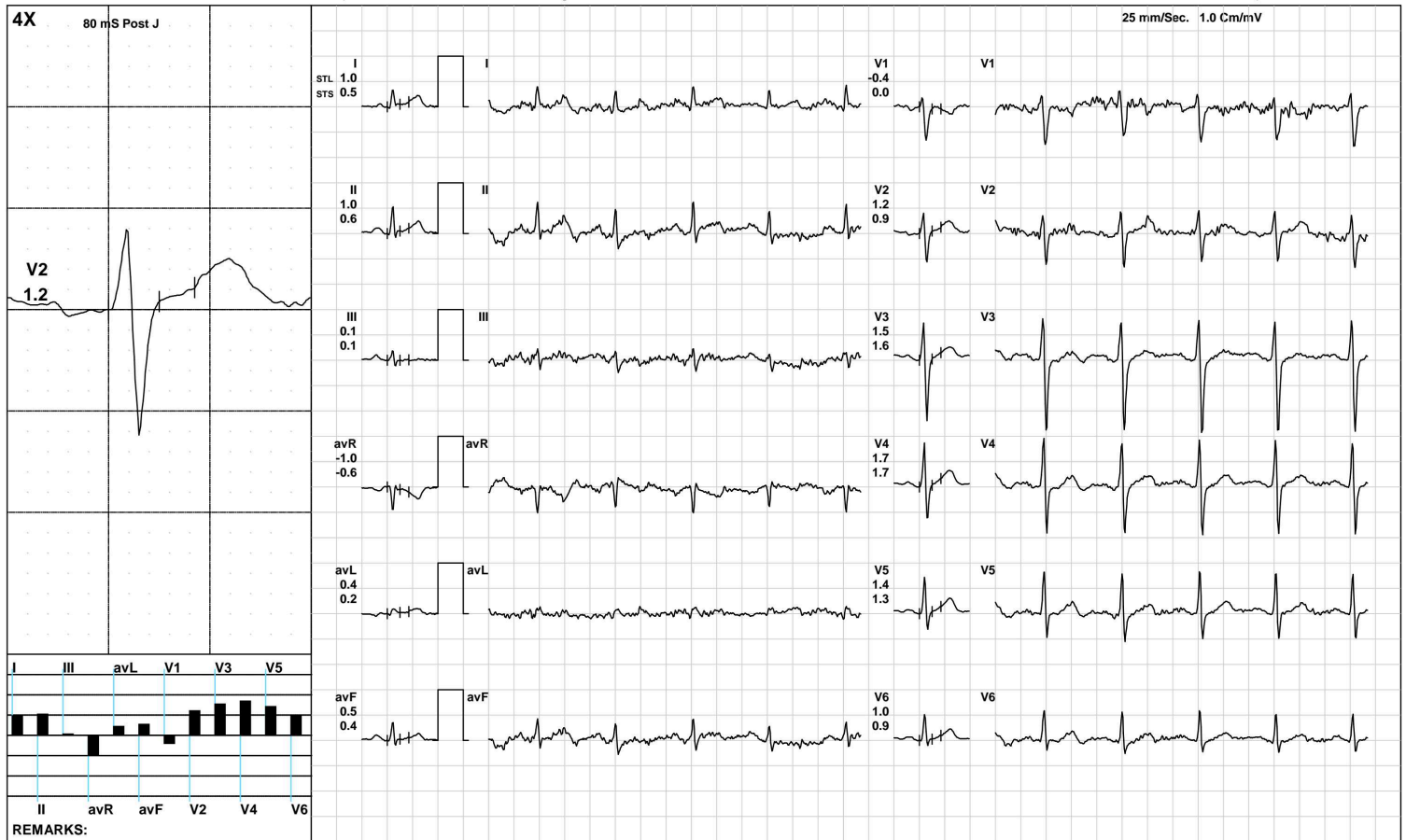
**ExStart**



1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 100

Date: 22-Mar-2022 02:31:27 PM METS: 1.1/ 100 bpm 53% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 1.7 mph, 10.0%



(GEM212170906)(R)Kardic by Allengers



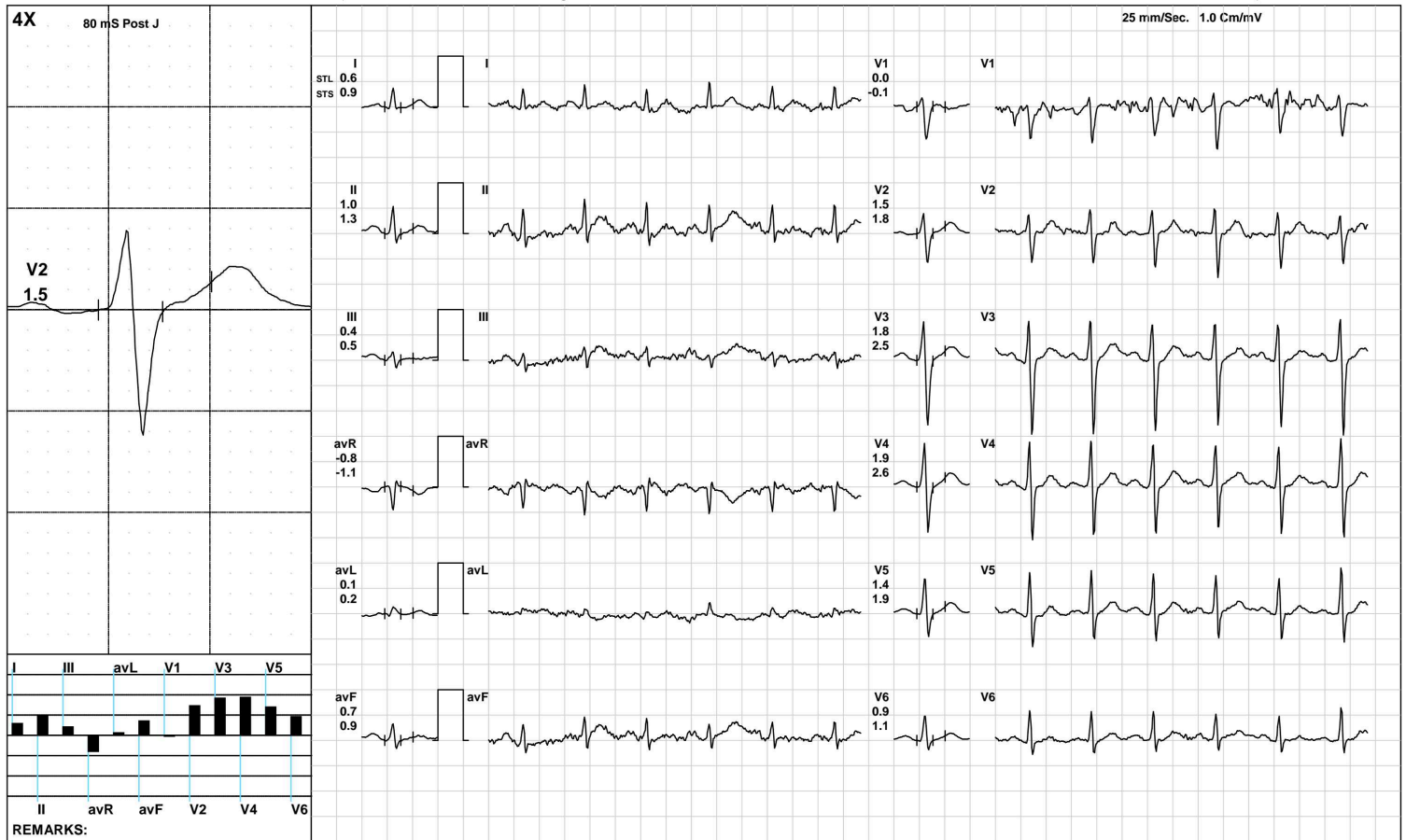
**AAROGYAM DIAGNOSTICS**

1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 119

**BRUCE/:Stage 1(3:00)**



Date: 22-Mar-2022 02:31:27 PM    METS: 4.7/ 119 bpm 63% of THR    BP: 120/80 mmHg    Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz    ExTime: 03:00 1.7 mph, 10.0%



(GEM212170906)(R)Kardic by Allengers

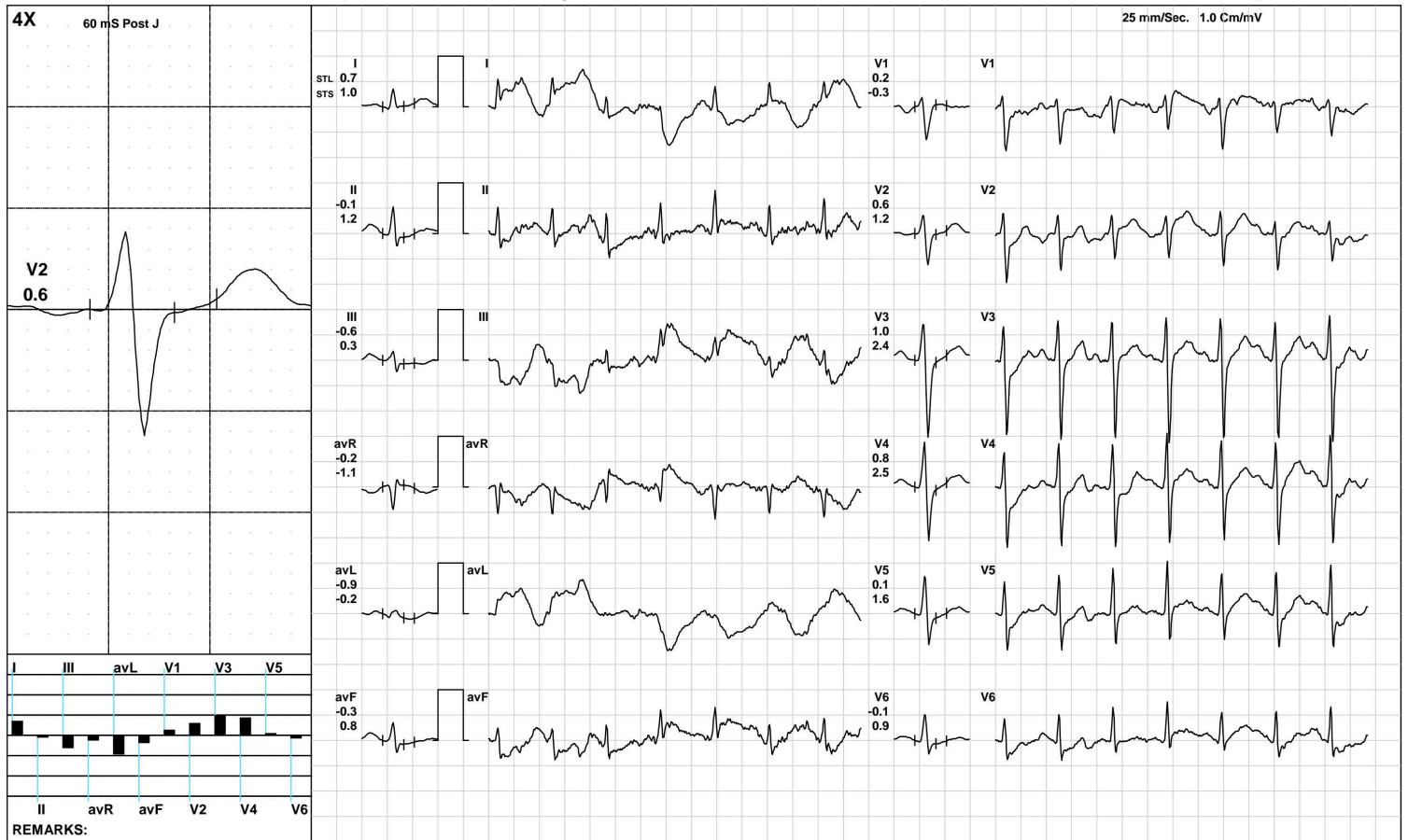
**AAROGYAM DIAGNOSTICS**

1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 137

**BRUCE: Stage 2(3:00)**



Date: 22-Mar-2022 02:31:27 PM    METS: 7.1/ 137 bpm 73% of THR    BP: 125/85 mmHg    Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz    ExTime: 06:00 2.5 mph, 12.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

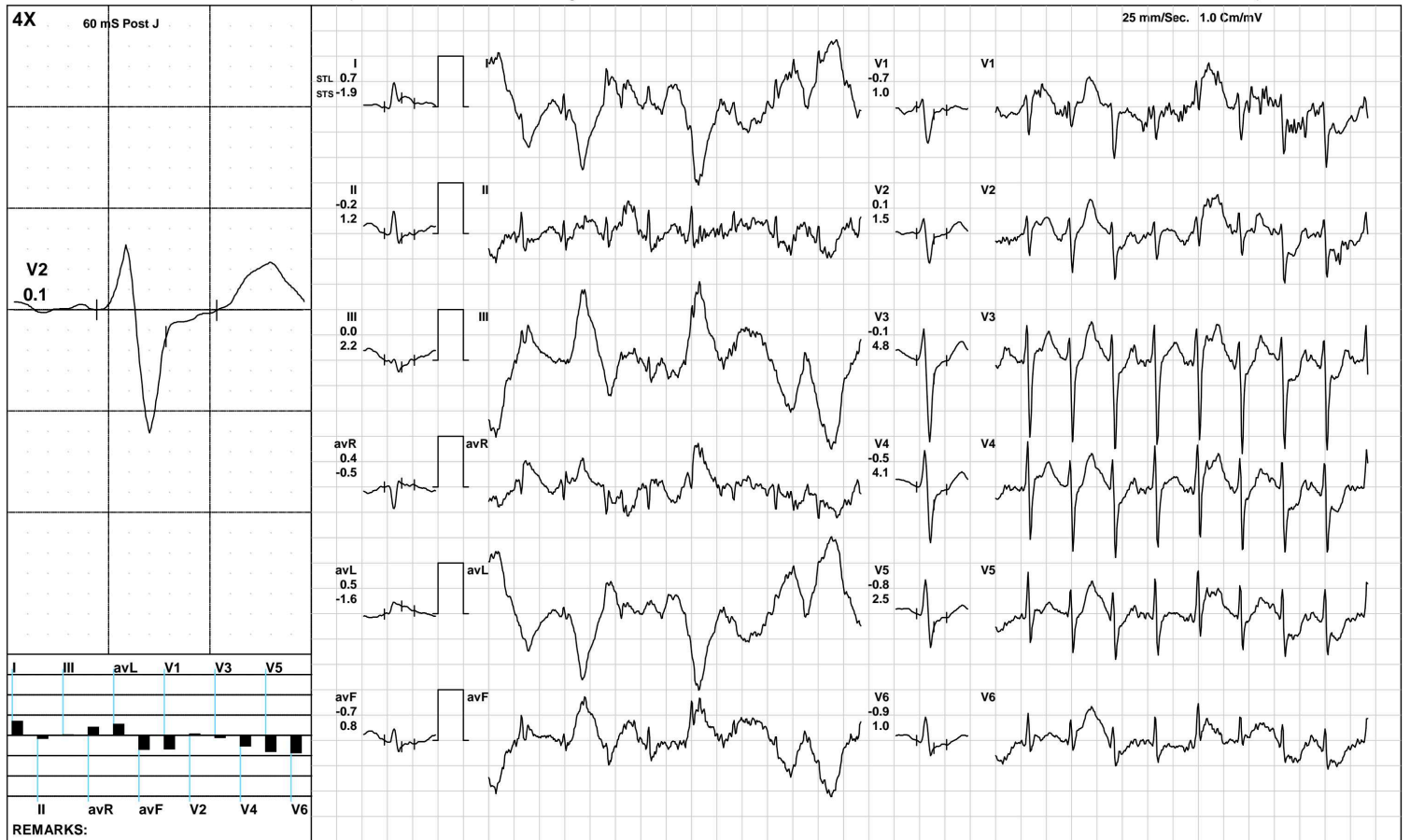
**BRUCE: Stage 3(3:00)**



1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 176

Date: 22-Mar-2022 02:31:27 PM METS: 10.2/ 176 bpm 94% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 176

**PeakEx**



Date: 22-Mar-2022 02:31:27 PM METS: 10.3/ 176 bpm 94% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

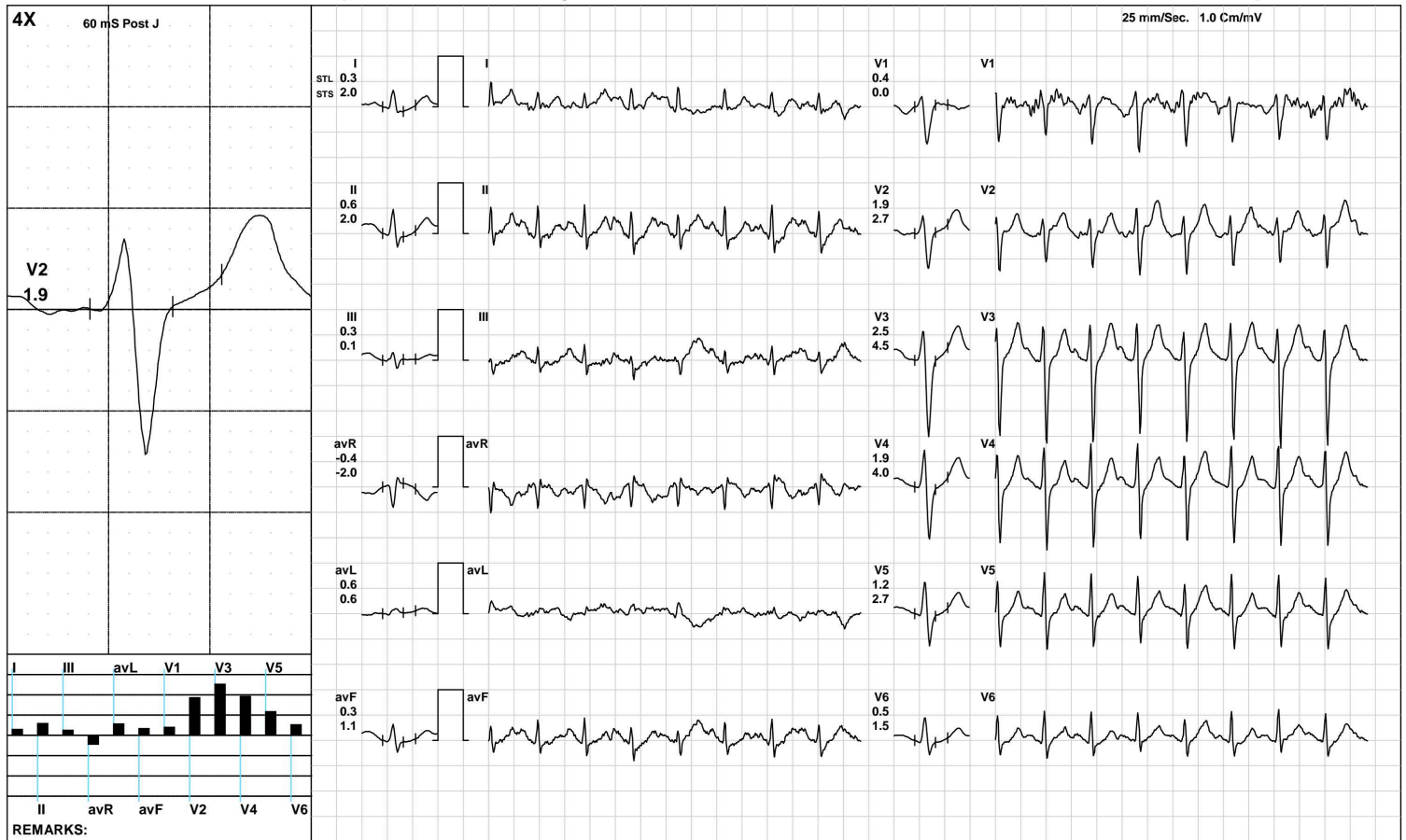
1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 159

**Recovery(1:00)**



Date: 22-Mar-2022 02:31:27 PM METS: 4.3/ 159 bpm 85% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

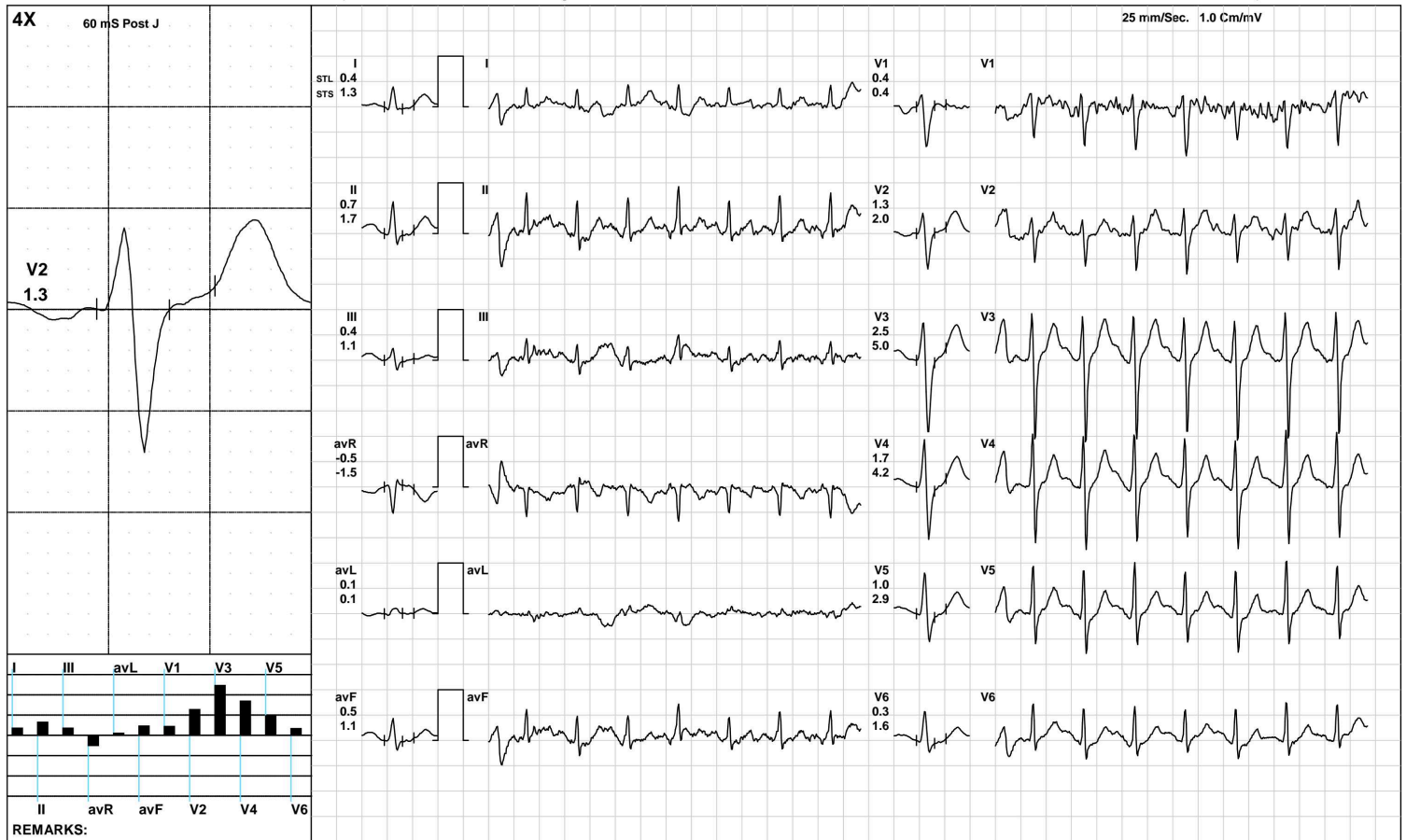
1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 147

Recovery(2:00)



Date: 22-Mar-2022 02:31:27 PM METS: 1.0/ 147 bpm 79% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

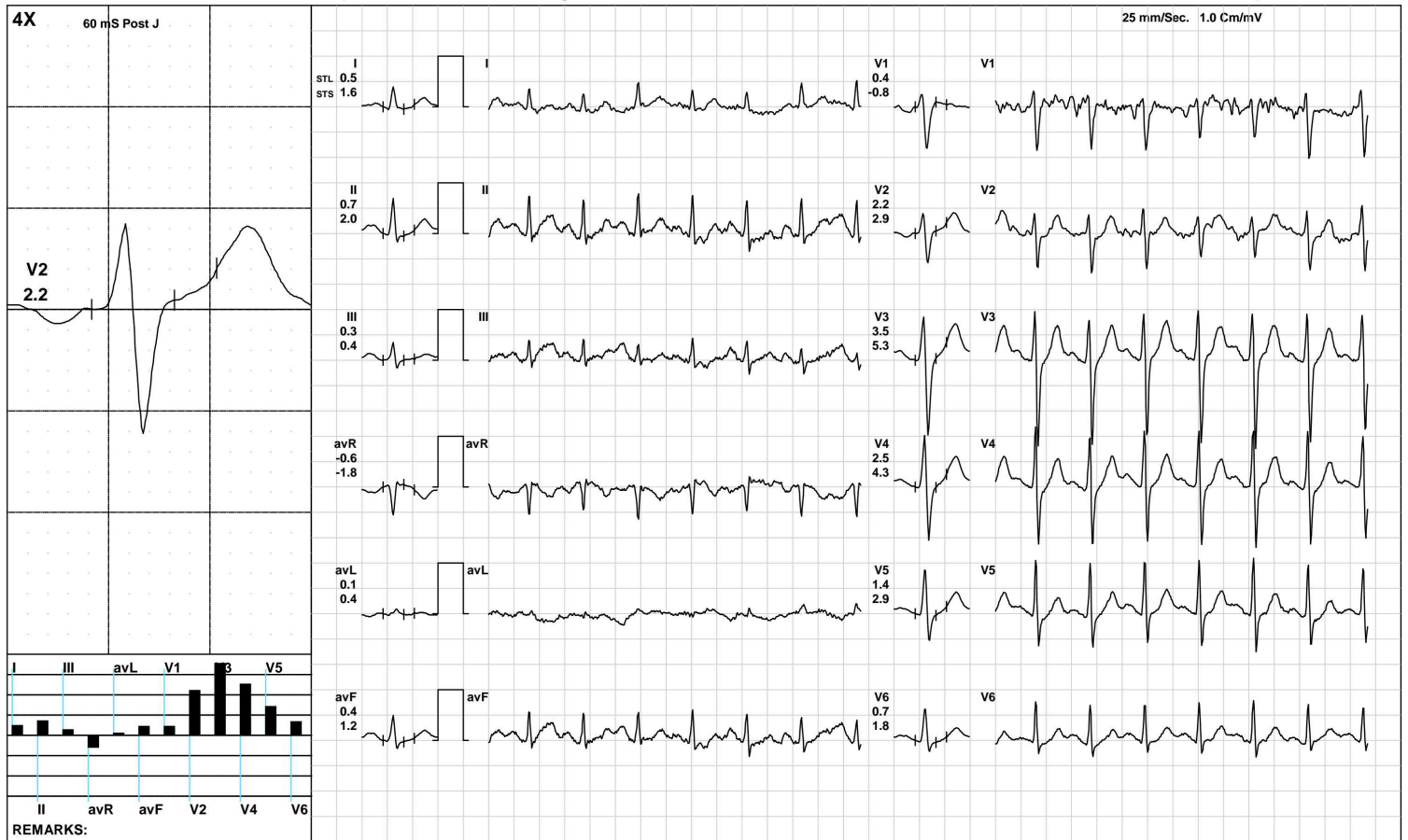
1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 135

**Recovery(3:14)**



Date: 22-Mar-2022 02:31:27 PM METS: 1.0/ 135 bpm 72% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1225 / SANTOSH KUMAR / 34 Yrs / M / 157 Cms / 68 Kg / HR : 59

Date: 22-Mar-2022 02:31:27 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	0.9	1.2	0.4	-1.0	0.2	0.8	0.0	1.6	2.0	1.9	1.4	0.9	0.8	0.9	0.1	-0.8	0.3	0.5	-0.2	1.2	1.4	1.4	1.1	0.7	
60 @mS Standing	0.9	1.2	0.3	-1.0	0.3	0.8	-0.1	1.5	2.0	1.9	1.4	1.0	0.7	0.9	0.2	-0.8	0.3	0.5	-0.3	1.1	1.5	1.5	1.2	0.8	
HV	0.9	1.2	0.3	-1.0	0.3	0.8	-0.1	1.5	2.0	1.9	1.5	1.0	0.8	1.0	0.1	-0.9	0.3	0.5	-0.3	1.2	1.4	1.4	1.1	0.8	
Warm Up	0.9	1.2	0.3	-1.0	0.3	0.7	0.0	1.3	1.8	1.9	1.5	1.0	0.6	0.8	0.2	-0.7	0.2	0.5	-0.2	1.0	1.3	1.4	1.2	0.8	
ExStart	1.0	1.0	0.1	-1.0	0.4	0.5	-0.4	1.2	1.5	1.7	1.4	1.0	0.5	0.6	0.1	-0.6	0.2	0.4	0.0	0.9	1.6	1.7	1.3	0.9	
Stage 1	0.6	1.0	0.4	-0.8	0.1	0.7	0.0	1.5	1.8	1.9	1.4	0.9	0.9	1.3	0.5	-1.1	0.2	0.9	-0.1	1.8	2.5	2.6	1.9	1.1	
Stage 2	0.7	-0.1	-0.6	-0.2	-0.9	-0.3	0.2	0.6	1.0	0.8	0.1	-0.1	1.0	1.2	0.3	-1.1	-0.2	0.8	-0.3	1.2	2.4	2.5	1.6	0.9	
Stage 3	0.7	-0.2	0.0	0.4	0.5	-0.7	-0.7	0.1	-0.1	-0.5	-0.8	-0.9	-1.9	1.2	2.2	-0.5	-1.6	0.8	1.0	1.5	4.8	4.1	2.5	1.0	
PeakEx	0.7	-0.2	0.0	0.4	0.5	-0.7	-0.7	0.1	-0.1	-0.5	-0.8	-0.9	-1.9	1.2	2.2	-0.5	-1.6	0.8	1.0	1.5	4.8	4.1	2.5	1.0	
Recovery	0.3	0.6	0.3	-0.4	0.6	0.3	0.4	1.9	2.5	1.9	1.2	0.5	2.0	2.0	0.1	-2.0	0.6	1.1	0.0	2.7	4.5	4.0	2.7	1.5	
Recovery	0.4	0.7	0.4	-0.5	0.1	0.5	0.4	1.3	2.5	1.7	1.0	0.3	1.3	1.7	1.1	-1.5	0.1	1.1	0.4	2.0	5.0	4.2	2.9	1.6	
Recovery	0.5	0.7	0.3	-0.6	0.1	0.4	0.4	2.2	3.5	2.5	1.4	0.7	1.6	2.0	0.4	-1.8	0.4	1.2	-0.8	2.9	5.3	4.3	2.9	1.8	



		<b>I</b>	<b>II</b>	<b>III</b>	<b>avR</b>	<b>avL</b>	<b>avF</b>	<b>V1</b>	<b>V2</b>	<b>V3</b>	<b>V4</b>	<b>V5</b>	<b>V6</b>
STI( $\mu$ Vs)	Supine	8.1	12.1	4.0	-10.1	1.9	8.0	-1.7	12.6	16.8	16.4	12.9	9.0
	Standing	8.9	12.5	3.6	-10.7	2.6	8.0	-2.9	12.4	17.2	17.1	13.8	9.7
	HV	8.4	12.2	3.8	-10.3	2.4	8.0	-2.6	12.4	16.7	16.7	13.6	9.7
	Warm Up	9.7	13.1	3.4	-11.2	2.8	8.2	-2.7	12.2	16.6	18.0	15.4	11.2
	ExStart	8.3	8.6	0.2	-8.5	4.1	4.4	-3.7	10.7	11.7	13.5	11.6	8.0
	Stage 1	2.3	4.6	2.4	-3.4	0.4	3.5	0.8	7.5	9.8	9.3	6.9	4.7
	Stage 2	2.3	-2.4	-3.8	0.5	-5.9	-3.1	2.4	1.4	2.2	1.4	-1.9	-2.2
	Stage 3	10.0	-1.6	-3.1	2.4	6.7	-4.0	-4.6	-2.5	-5.5	-7.5	-7.2	-6.0
	PeakEx	10.0	-1.6	-3.1	2.4	6.7	-4.0	-4.6	-2.5	-5.5	-7.5	-7.2	-6.0
	Recovery	-2.3	-1.2	0.9	1.7	1.8	-0.5	3.2	5.2	6.1	3.3	1.1	-0.4
	Recovery	-0.8	-0.3	0.1	0.5	0.3	0.1	2.2	3.8	5.6	2.3	0.2	-1.4
	Recovery	-0.2	0.8	1.3	-0.3	-0.7	0.8	4.1	7.5	12.0	7.9	3.8	1.0



PATNA

1225 / SANTOSH KUMAR / 34 Yrs / Male / 157 Cm / 68 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)
00:30	59	362	68	25	371	110	840	-1264	367	61 avL	8	0.00	0
01:00	83	282	80	30	407	155	893	-1280	331	-203 V1	-26	0.00	0
01:30	101	148	76	26	321	151	910	-1392	318	-158 V1	-10	0.00	0
02:00	108	180	74	27	301	192	887	-1366	302	-174 V1	-17	0.00	0
02:30	109	130	72	33	453	291	886	-1367	304	-58 III	-32	0.00	0
03:00	115	172	72	25	459	155	854	-1363	289	-80 III	-11	0.00	0
03:30	115	164	76	25	451	160	857	-1368	270	19 avL	-4	0.00	0
04:00	115	162	76	29	453	152	866	-1392	275	7 avL	-19	0.00	0
04:30	121	134	72	31	448	164	900	-1483	279	-64 I	-44	0.00	0
05:00	122	154	76	30	443	163	901	-1475	256	-51 III	-17	0.00	0
05:30	129	124	76	24	452	174	877	-1491	266	4 avL	-24	0.00	0
06:00	133	146	74	42	440	201	922	-1525	254	-104 avL	-107	0.00	0
06:30	135	126	74	25	436	196	878	-1542	264	-143 I	-119	0.00	0
07:00	138	138	74	43	448	201	916	-1536	318	-119 II	-65	0.00	0
07:30	143	90	74	42	454	-223	918	-1559	360	-82 I	-171	0.00	0
08:00	152	126	74	4	254	-297	881	-1601	506	-247 III	-322	0.00	0
08:30	159	100	72	14	424	218	839	-1577	377	-124 II	-101	0.00	0
09:00	166	64	68	136	274	234	755	-1610	-566	-398 I	-469	0.00	0
09:30	170	106	68	-8	352	193	732	-1635	364	-282 I	-282	0.00	0
10:00	174	100	68	-22	363	404	625	-1626	401	-161 avF	-126	0.00	0
10:30	167	104	66	27	342	382	660	-1665	534	120 avL	-226	0.00	0
11:00	162	110	68	-12	412	253	678	-1623	631	2 avL	-37	0.00	0
11:30	154	118	66	0	329	222	744	-1592	683	-10 avL	-51	0.00	0
12:00	150	118	72	22	337	215	924	-1560	708	0 avL	-34	0.00	0
12:30	142	110	74	39	439	193	1015	-1577	732	-118 V6	-25	0.00	0

**AAROGYAM DIAGNOSTICS**

PATNA

1225 / SANTOSH KUMAR / 34 Yrs / Male / 157 Cm / 68 Kg

**Median Measurement Summary**

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) (avL)	(%)	(Counts)
13:00	140	124	74	39	341	-205	1014	-1550	709	-2	0.00	0
13:30	135	128	70	42	328	189	1067	-1582	705	-111 II	0.00	0



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

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<b>Date</b>	<b>22/03/2022</b>	<b>Srl No.</b>	<b>34</b>	<b>Patient Id</b>	<b>2203220034</b>
<b>Name</b>	<b>Mr. SANTOSH KUMAR</b>	<b>Age</b>	<b>34 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
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### HAEMATOLOGY

HB A1C	5.1	%	
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#### 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 \*\*\*\*

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**AAROGYAM DIAGNOSTICS**  
 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

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<b>Date</b>	<b>22/03/2022</b>	<b>Srl No. 34</b>	<b>Patient Id 2203220034</b>
<b>Name</b>	<b>Mr. SANTOSH KUMAR</b>	<b>Age 34 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.8	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	4,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	57	%	40 - 75
LYMPHOCYTE	39	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 15
R B C COUNT	<b>4.11</b>	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.4	%	40 - 54
M C V	<b>100.73</b>	fl.	80 - 100
M C H	<b>33.58</b>	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.26	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		

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

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Test Name	Value	Unit	Normal Value
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## BIOCHEMISTRY

BLOOD SUGAR FASTING	83.2	mg/dl	70 - 110
SERUM CREATININE	0.76	mg%	0.7 - 1.4
BLOOD UREA	24.9	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.1	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			
BILIRUBIN TOTAL	0.63	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.20	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.43	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.1	gm/dl	6.6 - 8.3
ALBUMIN	3.9	gm/dl	3.4 - 5.2
GLOBULIN	3.2	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.219</b>		
SGOT	<b>42.9</b>	IU/L	5 - 40
SGPT	54.4	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	113.7	U/L	40.0 - 130.0
GAMMA GT	25.8	IU/L	8.0 - 71.0

### **LFT INTERPRET**

### **LIPID PROFILE**

TRIGLYCERIDES	85.3	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	156.4	mg/dL	29.0 - 199.0



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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
H D L CHOLESTEROL DIRECT	42.0	mg/dL	35.1 - 88.0
V L D L	17.06	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	97.34	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.724		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.318		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	1.39	ng/ml	0.60 - 1.81
T4 Chemiluminescence	9.90	ug/dl	4.5 - 10.9
TSH Chemiluminescence	4.103	uIU/ml	
<b>REFERENCE RANGE</b>			
<b>PAEDIATRIC AGE GROUP</b>			
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	
<b>ADULTS</b>	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.



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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
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Assay performed on enhanced chemi lumenescence 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.

### URINE EXAMINATION TEST

#### PHYSICAL EXAMINATION

QUANTITY	20	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.030	
PH	6.0	

#### CHEMICAL EXAMINATION

ALBUMIN	NIL
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Test Name	Value	Unit	Normal Value
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

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

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