

**AAROGYAM DIAGNOSTICS**

Patna

**Report**

(GEM212170906)(R)Kardic by Allengers

1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg Date: 12-Feb-2022 Technician : ARUN

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	83	46 %	120/80	099	00	
Standing	00:09	0:01	00.0	00.0	01.0	82	45 %	120/80	098	00	
HV	00:18	0:01	00.0	00.0	01.0	074	41 %	120/80	088	00	
Warm Up	02:34	0:01	01.0	00.0	01.0	083	46 %	120/80	099	00	
ExStart	03:15	0:07	01.7	10.0	01.1	107	59 %	120/80	128	00	
BRUCE/ Stage 1	06:15	3:00	01.7	10.0	04.7	142	78 %	120/80	170	00	
BRUCE/ Stage 2	09:15	3:00	02.5	12.0	07.1	165	91 %	125/85	206	00	
BRUCE/ Stage 3	12:15	3:00	03.4	14.0	10.2	190	105 %	130/90	247	00	
PeakEx	12:17	3:00	03.4	14.0	10.3	190	105 %	130/90	247	00	
Recovery	13:16	1:00	01.1	00.0	04.3	165	91 %	130/90	214	00	
Recovery	14:16	2:00	01.1	00.0	01.0	144	80 %	125/85	180	00	
Recovery	15:48	3:31	01.1	00.0	01.0	136	75 %	120/80	163	00	

**Findings :**

Exercise Time : 09:03  
 Max HR Attained : 190 bpm 105% of Target 181  
 Max BP Attained : (Sys) 130/90  
 Max WorkLoad Attained : 10.3 Good response to induced stress  
 Max ST Dep Lead & Value : II & -1.7 mm in Stage 3 mm  
 Test End Reasons : Test Complete, Test Complete

**Report :**

Doctor : Doctor Name

**AAROGYAM DIAGNOSTICS**

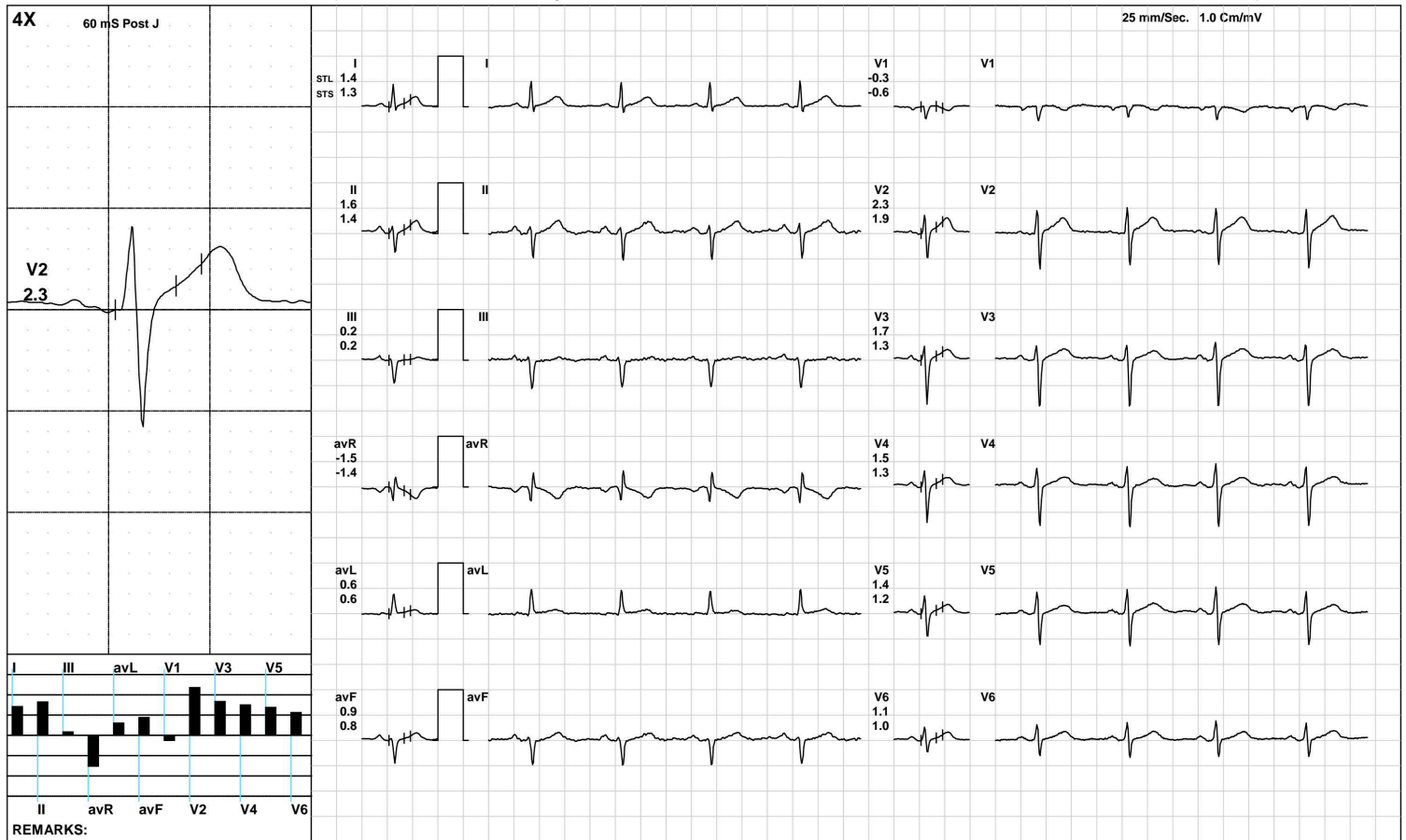
Supine



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 83

Date: 12-Feb-2022 11:06:34 AM METS: 1.0/ 83 bpm 45% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:03 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

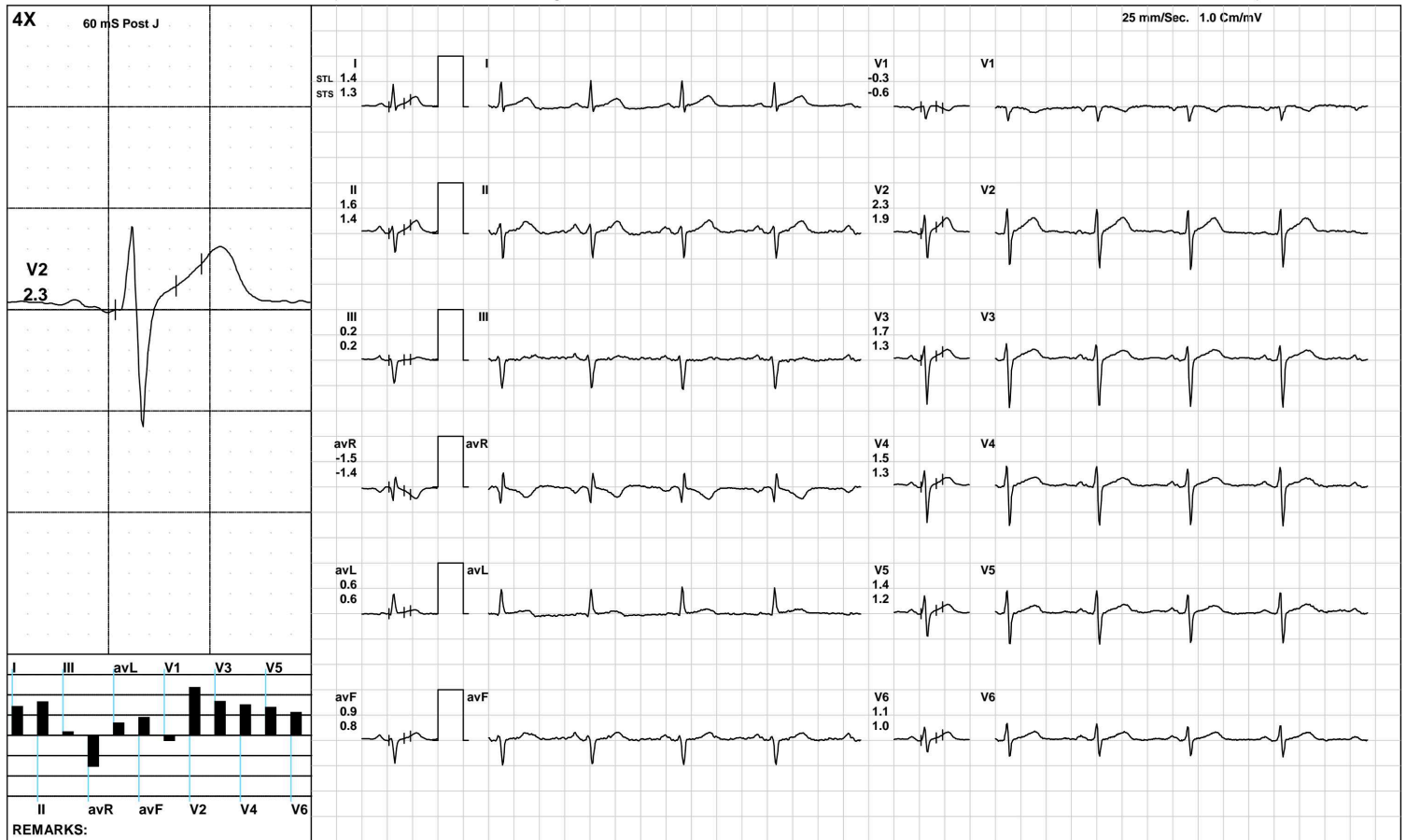
Standing



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 82

Date: 12-Feb-2022 11:06:34 AM METS: 1.0/ 82 bpm 45% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:09 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

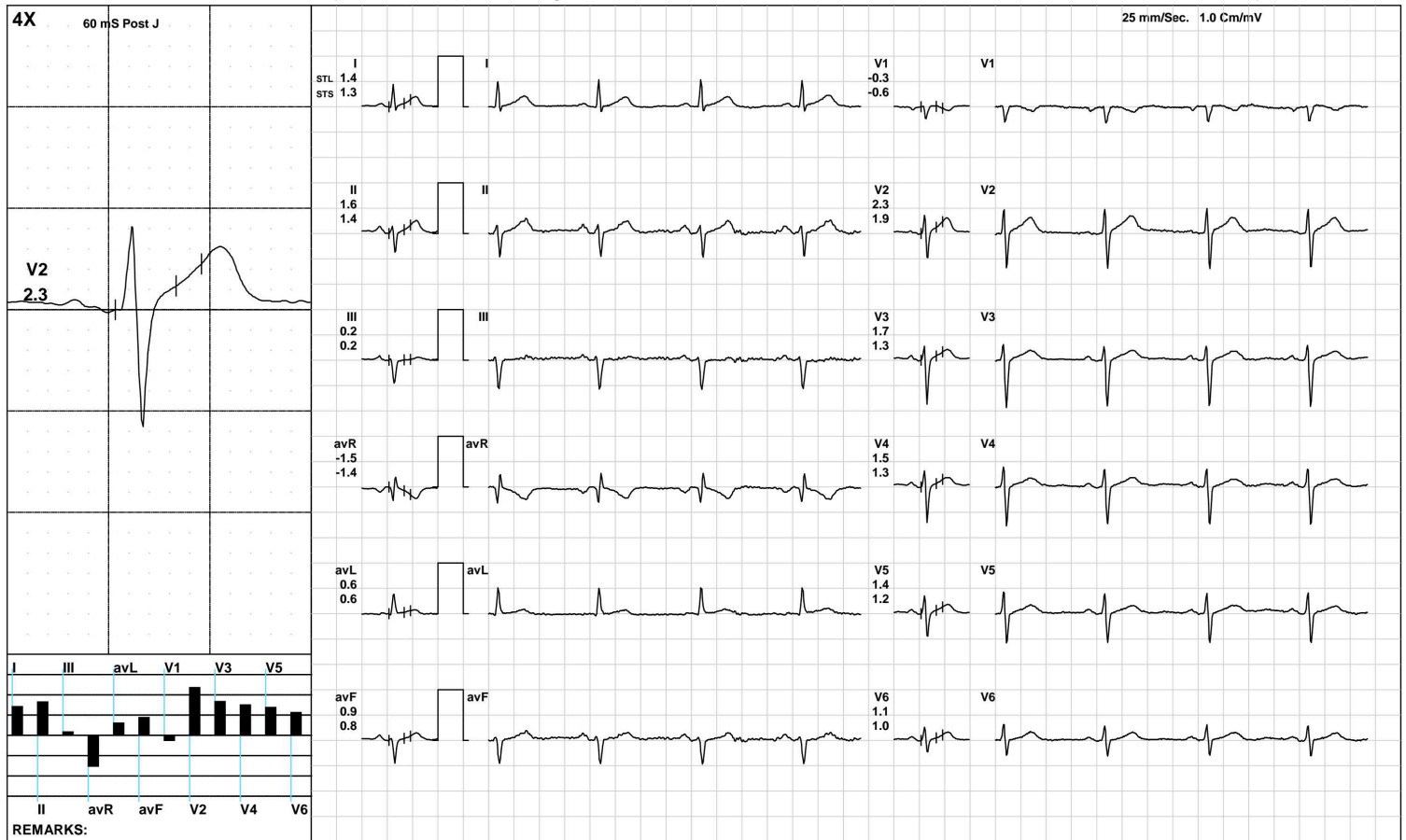
**AAROGYAM DIAGNOSTICS**



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 74

Date: 12-Feb-2022 11:06:34 AM METS: 1.0/ 74 bpm 40% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:18 0.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

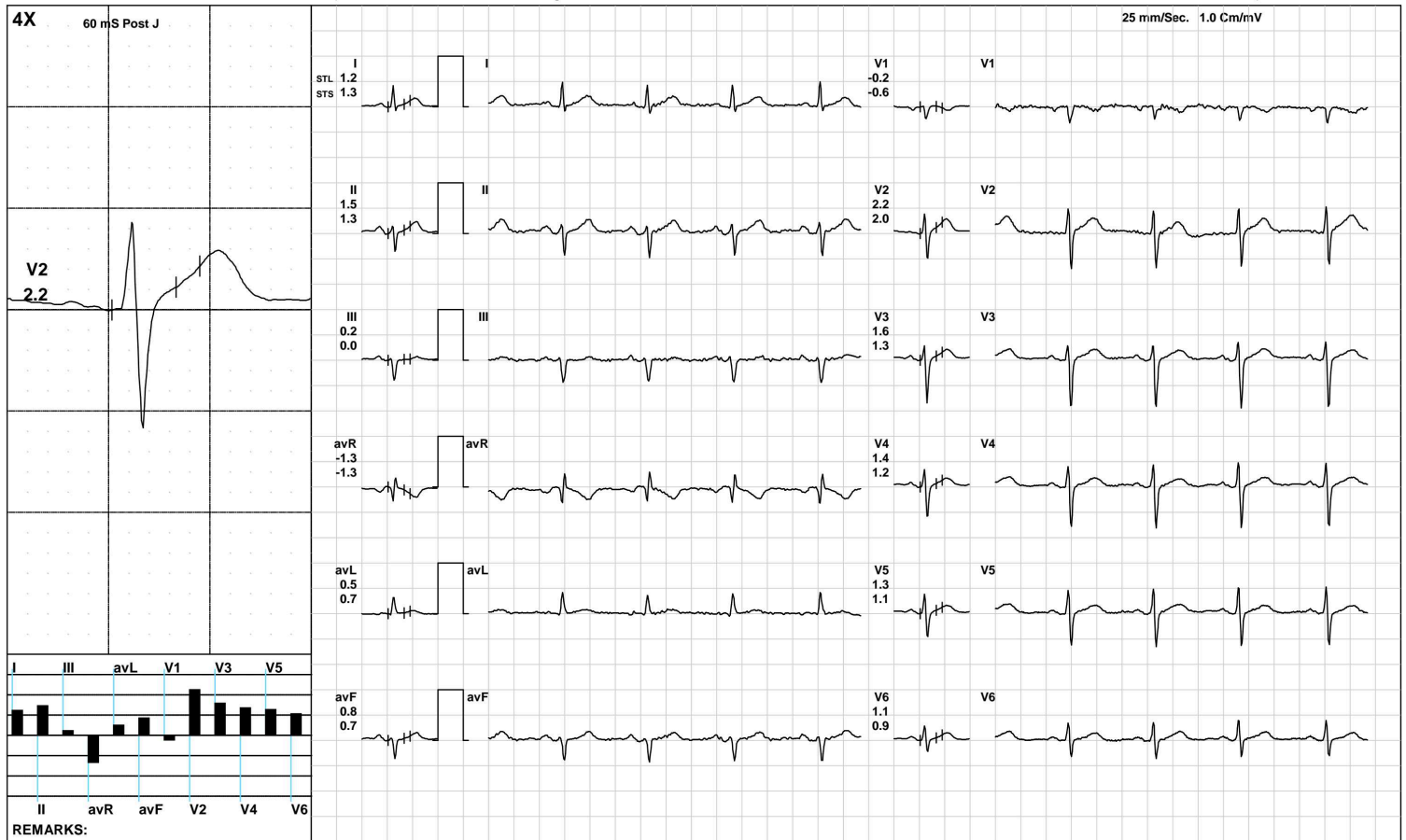
Warm Up



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 83

Date: 12-Feb-2022 11:06:34 AM METS: 1.0/ 83 bpm 45% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 02:35 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

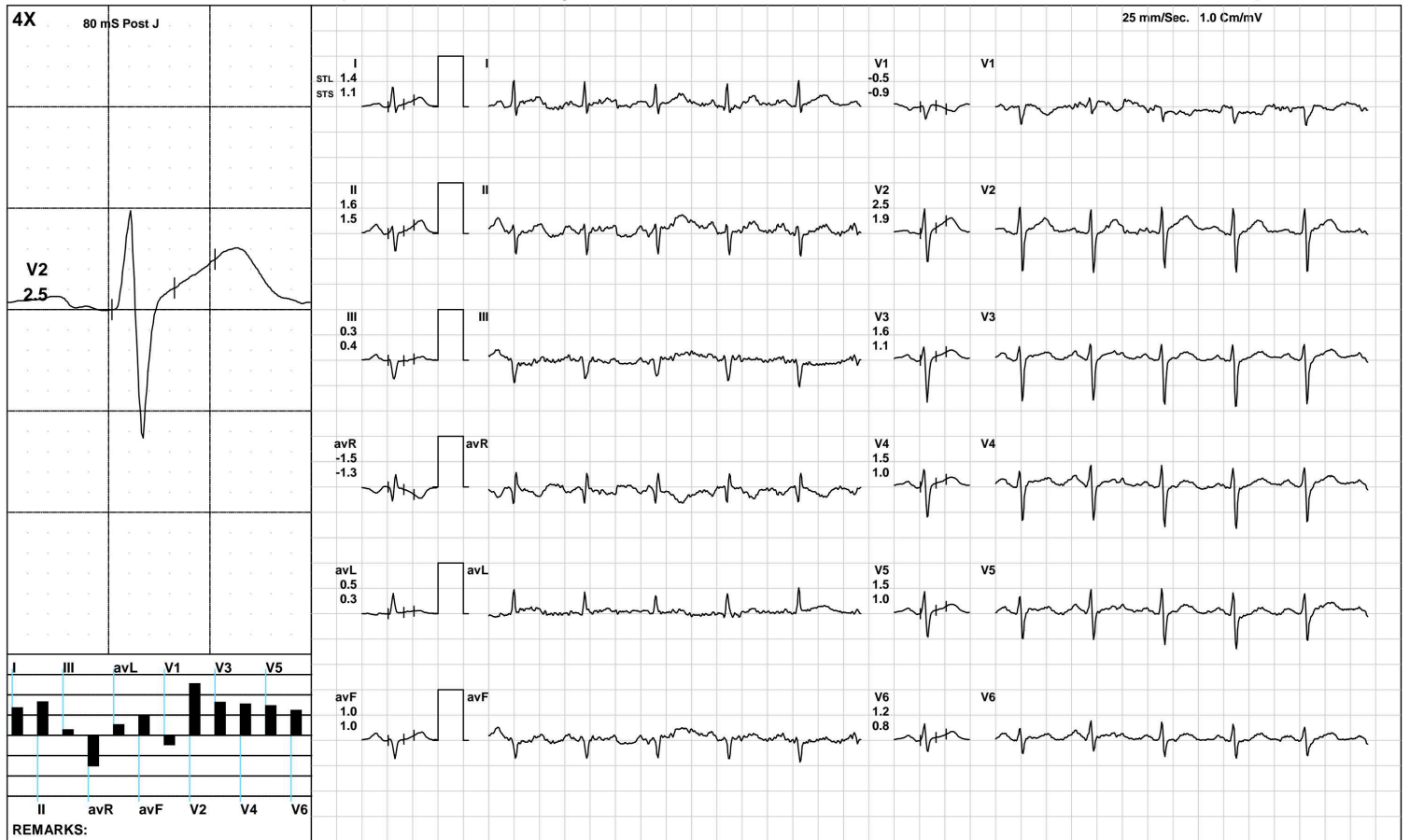
ExStart



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 107

Date: 12-Feb-2022 11:06:34 AM METS: 1.1/ 107 bpm 59% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:07 1.7 mph, 10.0%



**AAROGYAM DIAGNOSTICS**

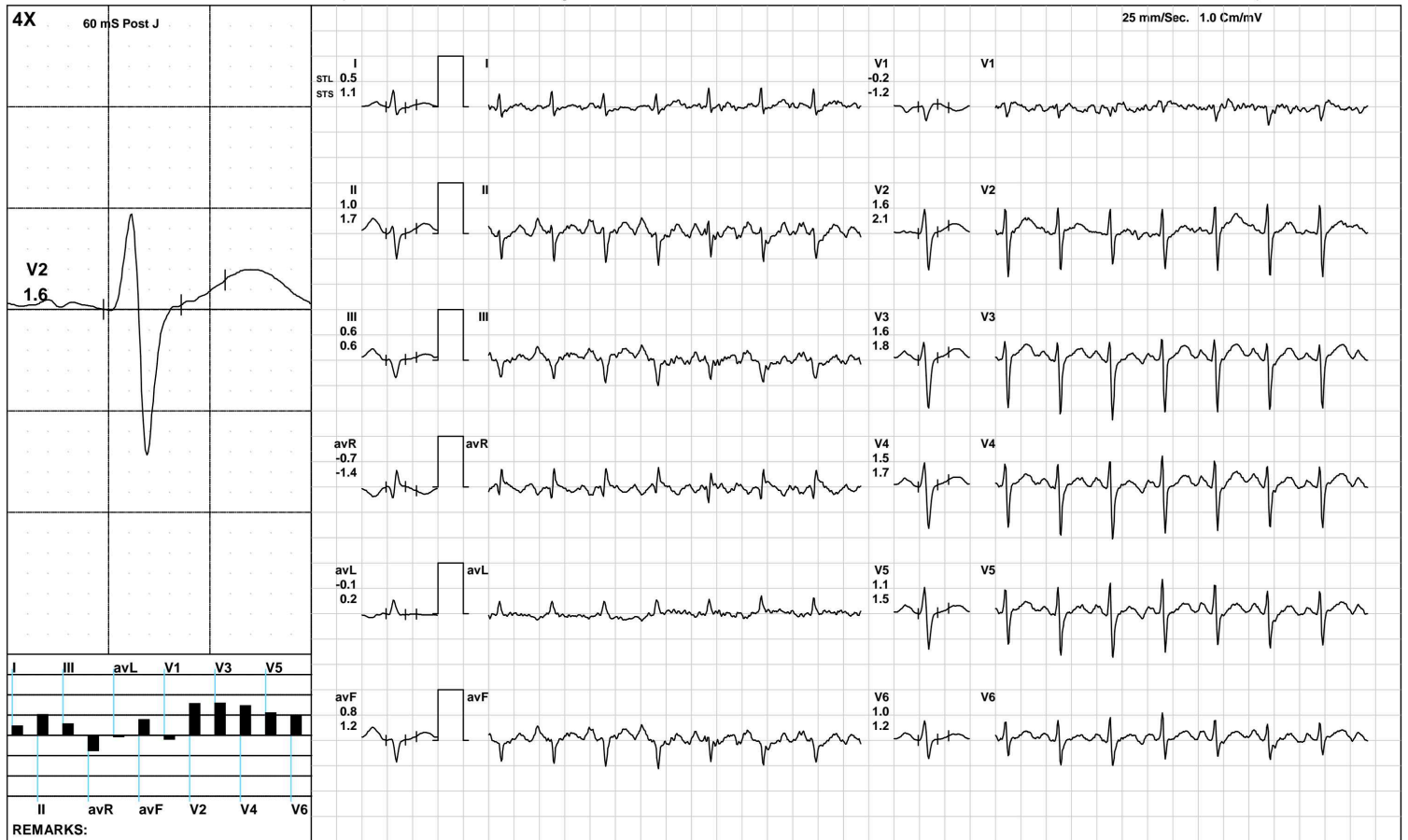
**BRUCE:/Stage 1(3:00)**



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 142

Date: 12-Feb-2022 11:06:34 AM METS: 4.7/ 142 bpm 78% 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**

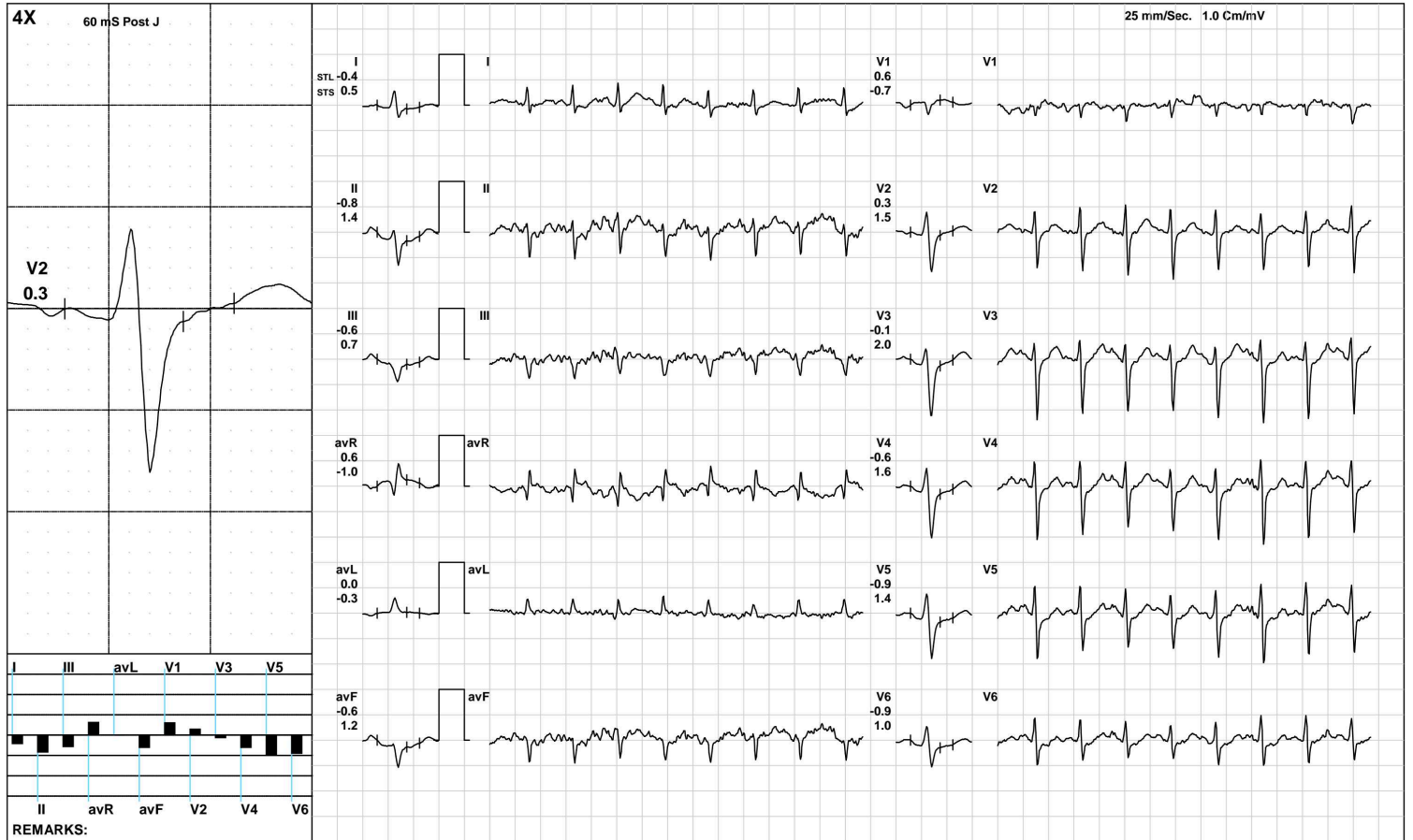
**BRUCE:/Stage 2(3:00)**



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 165

Date: 12-Feb-2022 11:06:34 AM METS: 7.1/ 165 bpm 91% 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%





**AAROGYAM DIAGNOSTICS**

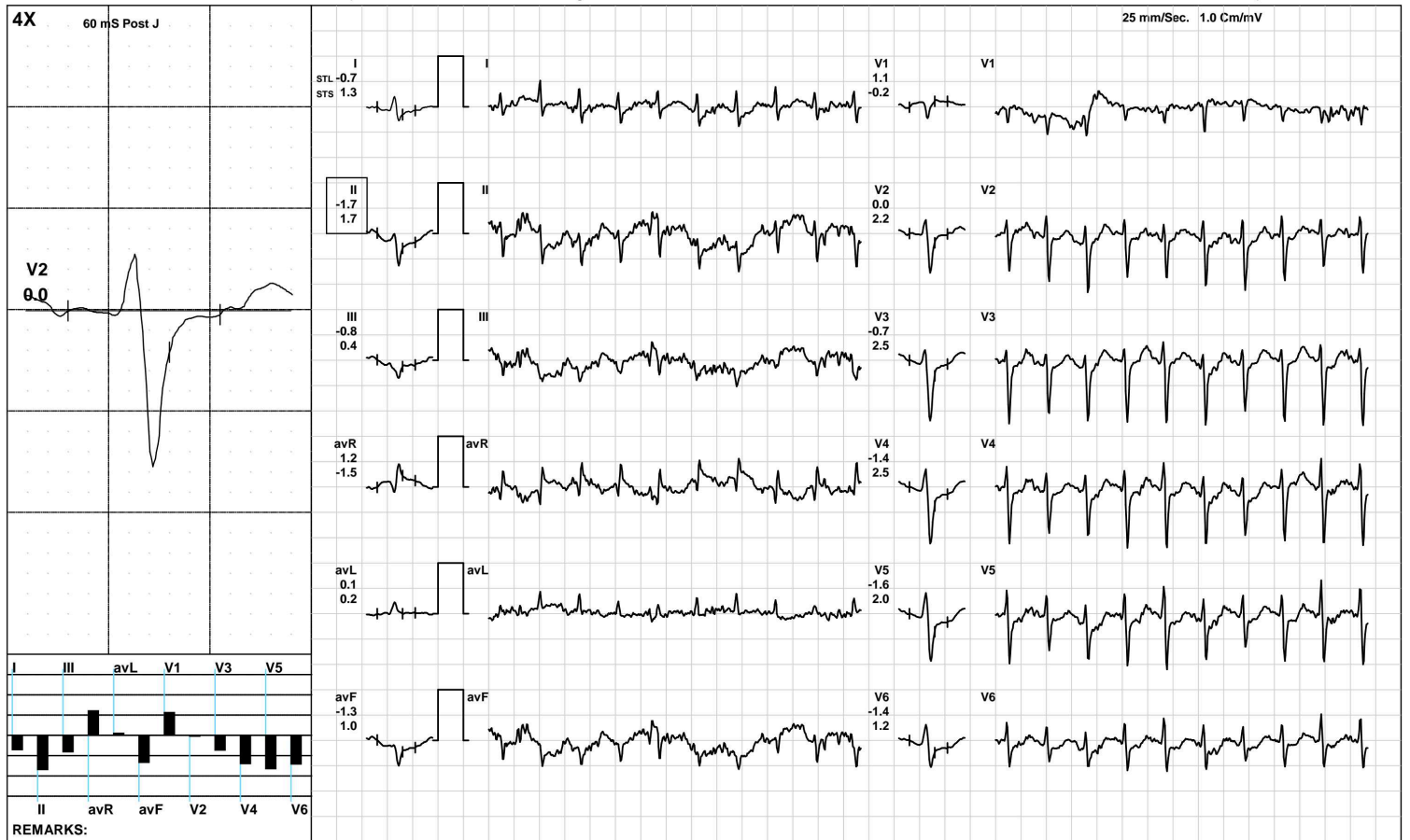
**BRUCE:/Stage 3(3:00)**



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 190

Date: 12-Feb-2022 11:06:34 AM METS: 10.2/ 190 bpm 104% 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**

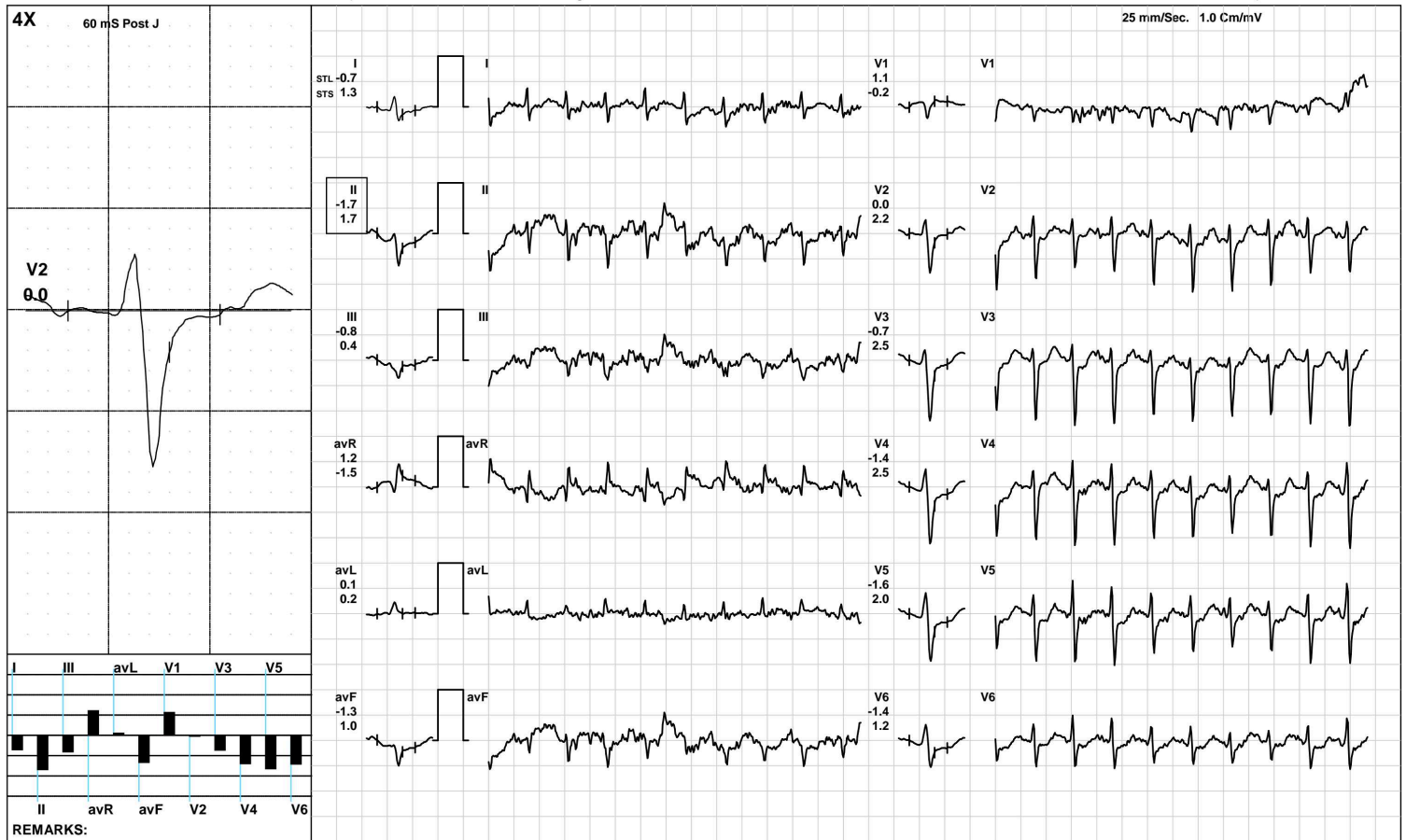
PeakEx



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 190

Date: 12-Feb-2022 11:06:34 AM METS: 10.3/ 190 bpm 104% 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%



**AAROGYAM DIAGNOSTICS**

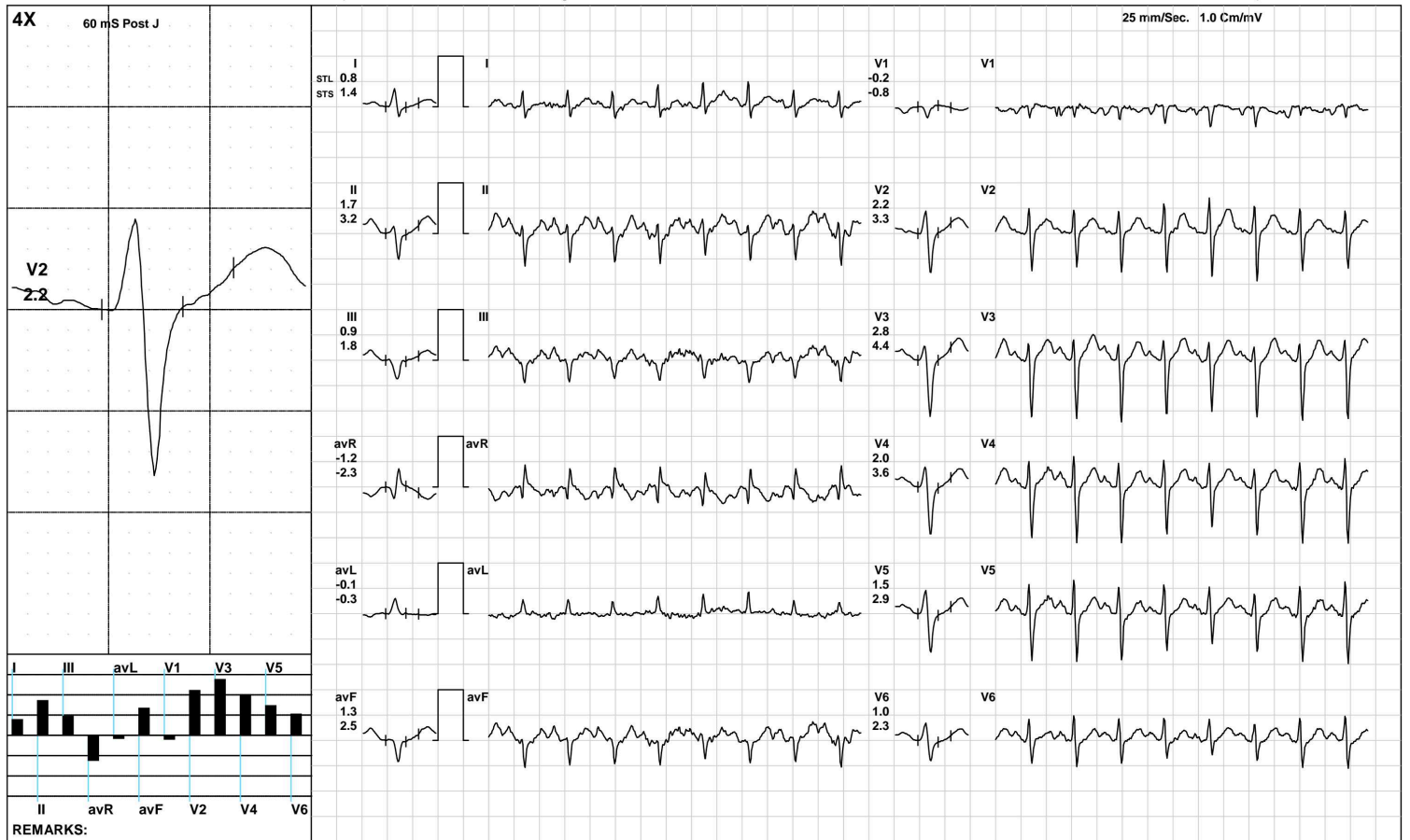
Recovery(1:00)



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 165

Date: 12-Feb-2022 11:06:34 AM METS: 4.3/ 165 bpm 91% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:03 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

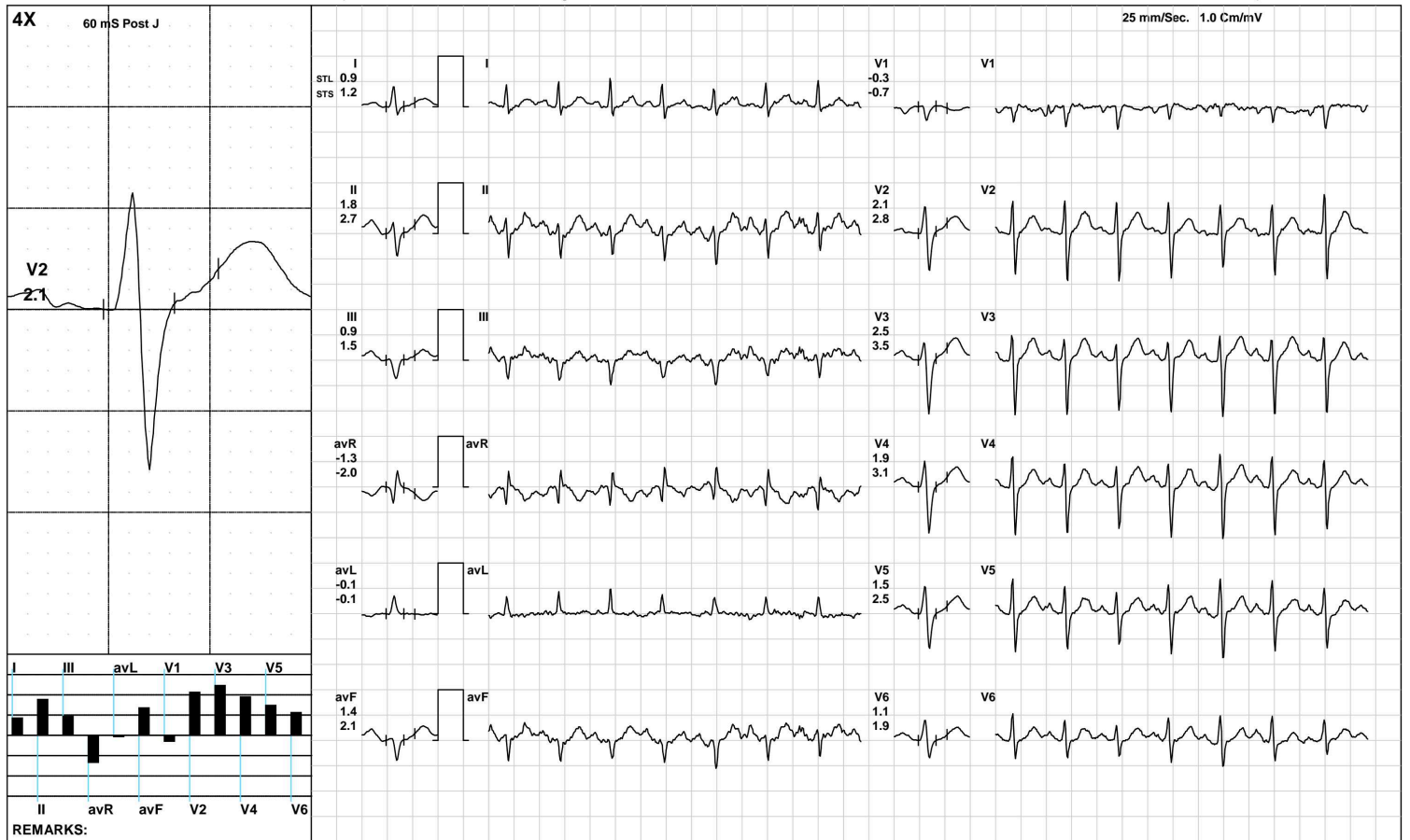
Recovery(2:00)



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 144

Date: 12-Feb-2022 11:06:34 AM METS: 1.0/ 144 bpm 79% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:03 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

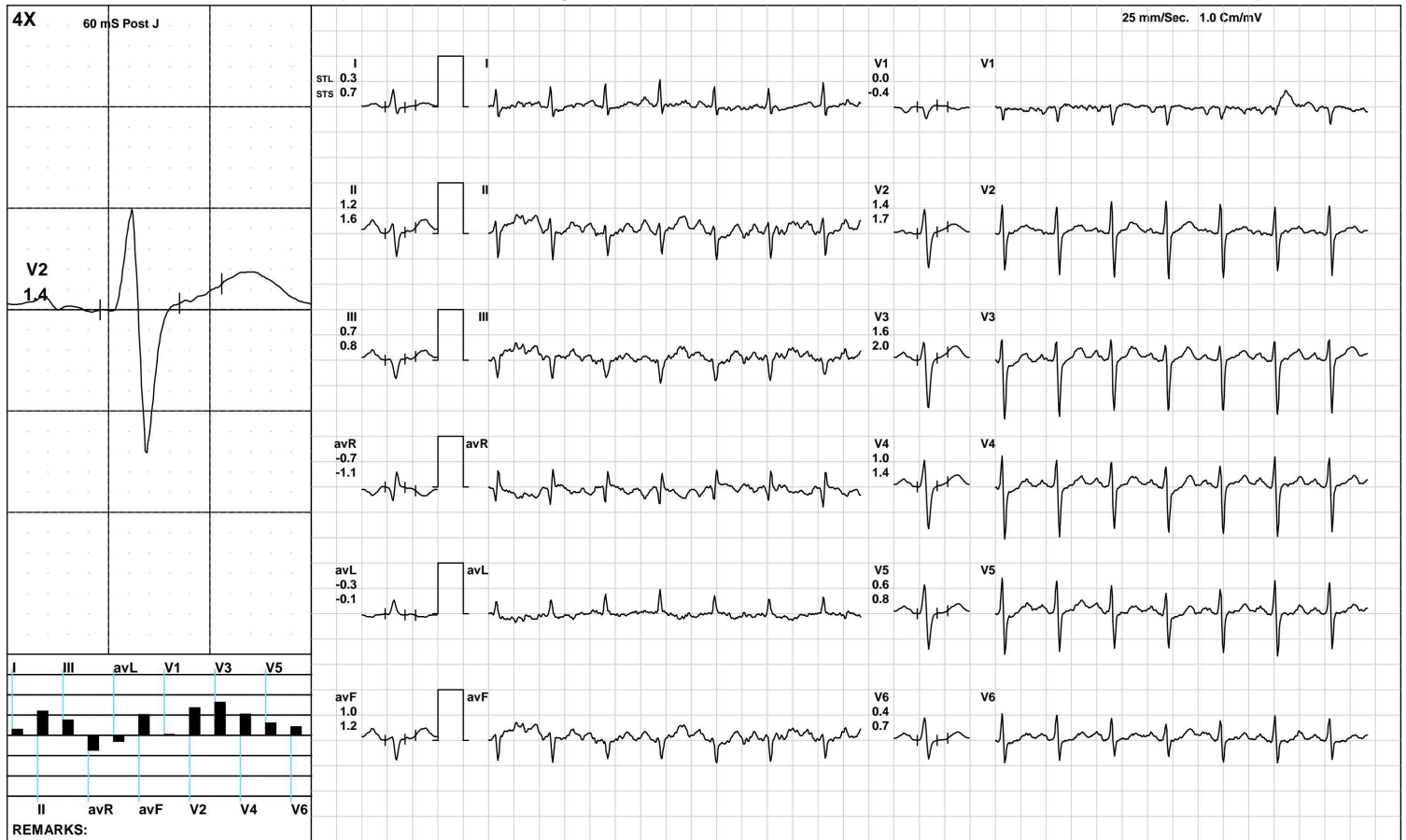
Recovery(3:31)



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 136

Date: 12-Feb-2022 11:06:34 AM METS: 1.0/ 136 bpm 75% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:03 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1132 / Ranjeet Kumar / 39 Yrs / M / 164 Cms / 80 Kg / HR : 79

Date: 12-Feb-2022 11:06:34 AM

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	1.4	1.6	0.2	-1.5	0.6	0.9	-0.3	2.3	1.7	1.5	1.4	1.1	1.3	1.4	0.2	-1.4	0.6	0.8	-0.6	1.9	1.3	1.3	1.2	1.0	
60 @mS Standing	1.4	1.6	0.2	-1.5	0.6	0.9	-0.3	2.3	1.7	1.5	1.4	1.1	1.3	1.4	0.2	-1.4	0.6	0.8	-0.6	1.9	1.3	1.3	1.2	1.0	
HV	1.4	1.6	0.2	-1.5	0.6	0.9	-0.3	2.3	1.7	1.5	1.4	1.1	1.3	1.4	0.2	-1.4	0.6	0.8	-0.6	1.9	1.3	1.3	1.2	1.0	
Warm Up	1.2	1.5	0.2	-1.3	0.5	0.8	-0.2	2.2	1.6	1.4	1.3	1.1	1.3	1.3	0.0	-1.3	0.7	0.7	-0.6	2.0	1.3	1.2	1.1	0.9	
ExStart	1.4	1.6	0.3	-1.5	0.5	1.0	-0.5	2.5	1.6	1.5	1.5	1.2	1.1	1.5	0.4	-1.3	0.3	1.0	-0.9	1.9	1.1	1.0	1.0	0.8	
Stage 1	0.5	1.0	0.6	-0.7	-0.1	0.8	-0.2	1.6	1.6	1.5	1.1	1.0	1.1	1.7	0.6	-1.4	0.2	1.2	-1.2	2.1	1.8	1.7	1.5	1.2	
Stage 2	-0.4	-0.8	-0.6	0.6	0.0	-0.6	0.6	0.3	-0.1	-0.6	-0.9	-0.9	0.5	1.4	0.7	-1.0	-0.3	1.2	-0.7	1.5	2.0	1.6	1.4	1.0	
Stage 3	-0.7	-1.7	-0.8	1.2	0.1	-1.3	1.1	0.0	-0.7	-1.4	-1.6	-1.4	1.3	1.7	0.4	-1.5	0.2	1.0	-0.2	2.2	2.5	2.5	2.0	1.2	
PeakEx	-0.7	-1.7	-0.8	1.2	0.1	-1.3	1.1	0.0	-0.7	-1.4	-1.6	-1.4	1.3	1.7	0.4	-1.5	0.2	1.0	-0.2	2.2	2.5	2.5	2.0	1.2	
Recovery	0.8	1.7	0.9	-1.2	-0.1	1.3	-0.2	2.2	2.8	2.0	1.5	1.0	1.4	3.2	1.8	-2.3	-0.3	2.5	-0.8	3.3	4.4	3.6	2.9	2.3	
Recovery	0.9	1.8	0.9	-1.3	-0.1	1.4	-0.3	2.1	2.5	1.9	1.5	1.1	1.2	2.7	1.5	-2.0	-0.1	2.1	-0.7	2.8	3.5	3.1	2.5	1.9	
Recovery	0.3	1.2	0.7	-0.7	-0.3	1.0	0.0	1.4	1.6	1.0	0.6	0.4	0.7	1.6	0.8	-1.1	-0.1	1.2	-0.4	1.7	2.0	1.4	0.8	0.7	

		<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	8.4	9.9	1.3	-9.1	3.4	5.4	-1.7	13.8	9.5	8.4	7.8	6.6
	Standing	8.4	9.9	1.3	-9.1	3.4	5.4	-1.7	13.8	9.5	8.4	7.8	6.6
	HV	8.4	9.9	1.3	-9.1	3.4	5.4	-1.7	13.8	9.5	8.4	7.8	6.6
	Warm Up	6.6	8.2	1.7	-7.4	2.4	5.0	-1.3	12.1	8.7	7.3	6.9	5.9
	ExStart	9.1	10.8	1.5	-9.9	3.7	6.3	-2.0	17.2	11.1	10.6	10.0	8.5
	Stage 1	1.0	3.2	2.3	-2.1	-0.6	2.7	1.1	5.4	5.9	5.6	3.7	3.3
	Stage 2	-3.7	-8.5	-5.5	6.1	0.7	-6.6	5.5	-0.6	-4.4	-6.5	-8.0	-7.1
	Stage 3	-6.2	-12.9	-5.9	9.5	0.8	-10.1	6.8	-3.2	-7.7	-11.2	-11.7	-10.1
	PeakEx	-6.2	-12.9	-5.9	9.5	0.8	-10.1	6.8	-3.2	-7.7	-11.2	-11.7	-10.1
	Recovery	1.4	3.4	2.0	-2.3	-0.5	2.7	0.7	5.6	6.4	3.9	2.2	1.1
	Recovery	2.6	5.3	2.8	-4.0	-0.1	4.0	0.1	7.1	8.6	6.0	4.5	3.1
	Recovery	0.7	4.1	2.9	-2.4	-1.3	3.8	0.9	5.1	6.0	3.6	1.9	1.1



Time (Min.)	HR (bpm)	PR Int (mS)	QRS Wid (mS)	QRS Axis (Deg.)	QTC (mS)	P(μV) (Max)	R(μV) (Max)	S(μV) (Min)	T(μV) (Max)	Min. J (μV)	Leads for (J & PJ)	Min. Post JRR Var (μV)	(%)	VEB (Counts)	Missed Beats (Counts)
00 : 30	102	232	84	-39	419	176	487	-881	359	-37	III	-38	0.00	0	0
01 : 00	89	244	88	-39	408	153	466	-925	270	-2	V1	-12	0.00	0	0
01 : 30	93	160	86	-35	400	161	501	-899	323	13	V1	-13	0.00	0	0
02 : 00	85	272	86	-37	284	160	485	-923	293	-4	V1	-14	0.00	0	0
02 : 30	96	100	66	-34	449	165	528	-910	308	-101	V1	-43	0.00	0	0
03 : 00	110	196	64	-43	460	198	528	-863	304	-99	V1	-6	0.00	0	0
03 : 30	125	172	86	-46	470	191	514	-921	254	-64	V1	-5	0.00	0	0
04 : 00	134	152	64	-68	439	218	519	-955	200	-86	III	-25	0.00	0	0
04 : 30	136	124	68	-53	348	249	530	-959	272	5	avL	1	0.00	0	0
05 : 00	142	128	66	-67	323	243	511	-985	267	-155	II	-15	0.00	0	0
05 : 30	142	112	66	-68	329	273	510	-1010	249	-81	I	-55	0.00	0	0
06 : 00	146	136	66	-62	333	280	513	-1031	240	-87	I	-23	0.00	0	0
06 : 30	155	118	68	-63	343	242	497	-1035	216	-119	V6	-26	0.00	0	0
07 : 00	160	116	68	-63	363	240	484	-1053	204	-149	V6	-53	0.00	0	0
07 : 30	162	100	66	-67	368	227	467	-1072	203	-184	V6	-61	0.00	0	0
08 : 00	161	104	68	-72	348	213	498	-1082	250	-146	V6	-55	0.00	0	0
08 : 30	164	106	66	-69	423	251	507	-1113	263	-160	V6	-48	0.00	0	0
09 : 00	169	108	68	-67	361	229	496	-1097	267	-279	V5	-70	0.00	0	0
09 : 30	176	84	66	-65	383	258	477	-1143	231	-313	V5	-121	0.00	0	0
10 : 00	183	90	66	-77	350	231	454	-1163	216	-327	V5	-115	0.00	0	0
10 : 30	187	102	64	-76	353	236	488	-1146	210	-367	V5	-104	0.00	0	0
11 : 00	188	80	66	-73	365	221	501	-1190	210	-332	V5	-124	0.00	0	0
11 : 30	190	92	66	-83	202	234	453	-1162	214	-346	V5	-131	0.00	0	0
12 : 00	190	90	66	-85	377	226	486	-1230	230	-356	V5	-139	0.00	0	0
12 : 30	175	86	66	-73	346	278	432	-1125	364	-170	V6	-31	0.00	0	0



**Median Measurement Summary**



Time (Min.)	HR (bpm)	PR Int (mS)	QRS Wid (mS)	QRS Axis (Deg.)	QTC (mS)	P(μV) (Max)	R(μV) (Max)	S(μV) (Min)	T(μV) (Max)	Min. J (μV)	Leads for (J & PJ)	Min. Post JRR Var (μV)	Var (%)	VEB (Counts)	Missed Beats (Counts)
13:00	160	112	66	-59	314	319	528	-1123	439	-62	V1	-5	0.00	0	0
13:30	156	122	90	-51	418	282	572	-1093	445	17	V1	-11	0.00	0	0
14:00	142	134	66	-56	419	276	582	-1091	428	30	V1	-15	0.00	0	0
14:30	139	138	90	-54	429	293	595	-1062	394	3	avL	-16	0.00	0	0
15:00	136	146	64	-54	429	289	616	-1057	319	10	avL	-9	0.00	0	0

ID: 38

12-02-2022 10:54:00 AM

RANJEET KUMAR

Male 40Years

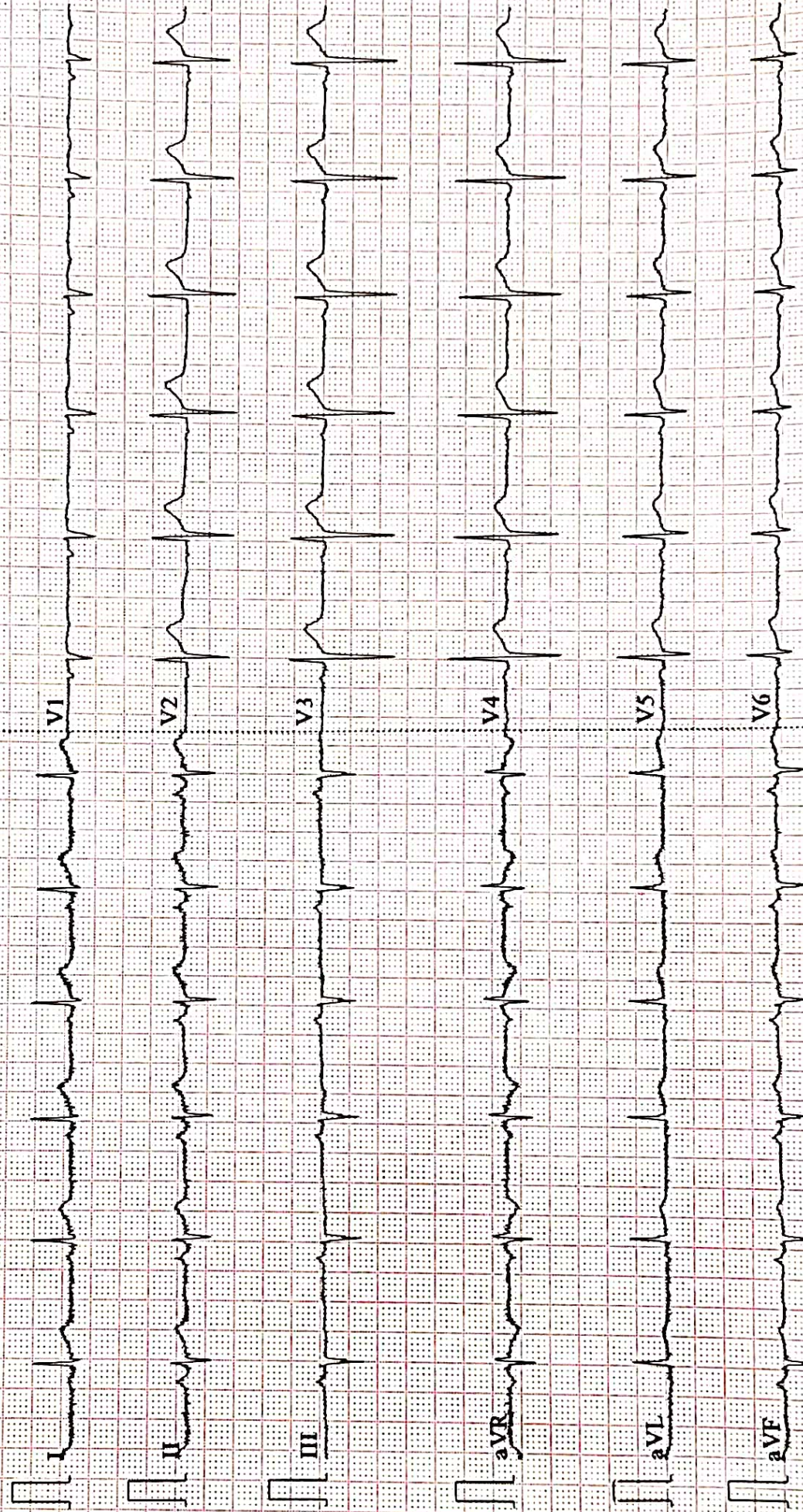
Diagnosis Information:

Sinus Rhythm  
Larged PtfV1

HR : 73 bpm  
P : 95 ms  
PR : 144 ms  
QRS : 71 ms  
QT/QTc : 340/376 ms  
P/QRS/T : 66/-28/22 °  
RV5/SV1 : 0.722/0.413 mV

Ref-Phys :

Report Confirmed by: 





ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

F- 41, P.C. Colony, Opp. Madhuban Complex,  
Near Malahi Parki Chowk, Kanikarbagh, Petra - 20

9264278360, 9065875700, 8783391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Name :- Ranjeet Kumar  
Refd by :- BoB

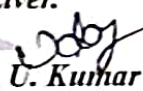
Age/Sex:- 40Yrs/M  
Date :- 12/02/22

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Mildly Enlarged in size( 16.7cm) with raised 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 (9.8cm) 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 9.7 x 4.5cm and Left Kidney measures 10.0 x 4.8cm.
- Ureters** :- Ureters are normal.
- U. Bladder** :- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (18cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** Mild Hepatomegaly Grade I Fatty Liver.

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



ISO 9001 : 2015

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

9264278360, 9065875700, 8789391403

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Date	12/02/2022	Srl No.	18	Patient Id	2202120018
Name	Mr. RANJEET KUMAR	Age	39 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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### HAEMATOLOGY

HB A1C	5.3	%	
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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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<b>Date</b>	<b>12/02/2022</b>	<b>Srl No. 18</b>	<b>Patient Id 2202120018</b>
<b>Name</b>	<b>Mr. RANJEET KUMAR</b>	<b>Age 39 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)	6,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	69	%	40 - 75
LYMPHOCYTE	27	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	02	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 15
R B C COUNT	4.67	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.4	%	40 - 54
M C V	88.65	fl.	80 - 100
M C H	29.55	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.62	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		

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

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Test Name	Value	Unit	Normal Value
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### BIOCHEMISTRY

BLOOD SUGAR FASTING	85.2	mg/dl	70 - 110
BLOOD SUGAR PP	119.3	mg/dl	80 - 160
SERUM CREATININE	0.81	mg%	0.7 - 1.4
BLOOD UREA	25.3	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.8	mg%	3.4 - 7.0

### LIVER FUNCTION TEST (LFT)

BILIRUBIN TOTAL	0.66	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.20	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.46	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.9	gm/dl	6.6 - 8.3
ALBUMIN	3.5	gm/dl	3.4 - 5.2
GLOBULIN	3.4	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.029</b>		
SGOT	31.7	IU/L	5 - 40
SGPT	35.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	62.7	U/L	40.0 - 130.0
GAMMA GT	25.1	IU/L	8.0 - 71.0

### LFT INTERPRET

### LIPID PROFILE

TRIGLYCERIDES	79.6	mg/dL	25.0 - 165.0
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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
TOTAL CHOLESTEROL	175.8	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	44.6	mg/dL	35.1 - 88.0
V L D L	15.92	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	115.28	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.942		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.585		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	0.80	ng/ml	0.60 - 1.81
T4	9.35	ug/dl	4.5 - 10.9
Chemiluminescence			
TSH	1.05	uIU/ml	
Chemiluminescence			
<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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Test Name	Value	Unit	Normal Value
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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.

### URINE EXAMINATION TEST

#### PHYSICAL EXAMINATION

QUANTITY	15	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.015	
PH	6.0	





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Test Name	Value	Unit	Normal Value
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**CHEMICAL EXAMINATION**

ALBUMIN	NIL		
SUGAR	NIL		

**MICROSCOPIC EXAMINATION**

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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