



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

F-41, P.C. Colony, Opp. Mathuran Complex,  
Near Malahi Pakari Chowk, Yankarturgh, Patna-20  
9264278360, 9065675700, 8789391403  
info@aarogyamdiagnostics.com  
www.aarogyamdiagnostics.com

Name :- Ranjit Kumar  
Refd by :- BOB

Age/Sex:-34 Yrs/M  
Date :-02/07/22

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size (13.4cm) with slightly 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 (9.3cm) 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 9.2cm and Left Kidney measures 9.8cm.
- 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:-** *Mild fatty liver.  
Otherwise normal scan.*

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

ID: 106

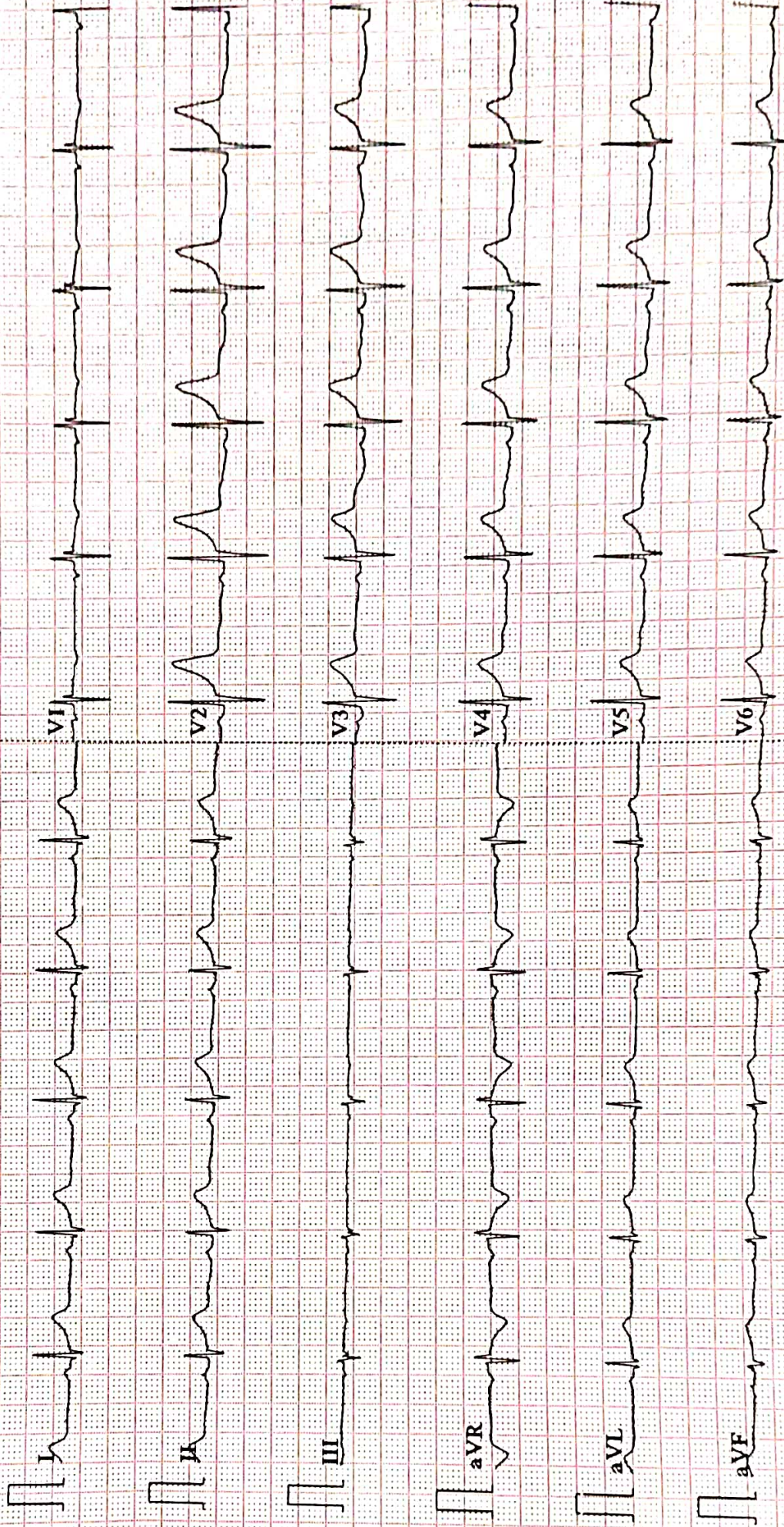
02-07-2022 11:19:43 AM

RANJIT KUMAR  
Male 34Years

HR : 64 bpm  
P : 94 ms  
PR : 149 ms  
QRS : 74 ms  
QT/QTc : 386/401 ms  
P/QRS/T : 16/10/26 °  
RV5/SV1 : 0.969/0.644 mV

Diagnosis Information:  
Sinus Arrhythmia  
Largd PtfV1

Ref-Phys. :  
Report Confirmed by:



**AAROGYAM DIAGNOSTICS****PATNA****1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg Date: 02-Jul-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	00:03	0:01	00.0	00.0	01.0	83	45 %	110/80	091	00	
Standing	00:12	0:01	00.0	00.0	01.0	86	46 %	110/80	094	00	
HV	00:21	0:01	00.0	00.0	01.0	085	46 %	110/80	093	00	
Warm Up	00:45	0:01	01.0	00.0	01.0	083	45 %	110/80	091	00	
ExStart	01:32	0:06	01.7	10.0	01.1	106	57 %	110/80	116	00	
BRUCE/ Stage 1	04:32	3:00	01.7	10.0	04.7	123	66 %	120/80	147	00	
BRUCE/ Stage 2	07:32	3:00	02.5	12.0	07.1	144	77 %	125/85	180	00	
BRUCE/ Stage 3	10:32	3:00	03.4	14.0	10.2	158	85 %	130/90	205	00	
PeakEx	10:38	0:07	01.1	00.0	10.3	158	85 %	130/90	205	00	
Recovery	11:37	1:00	01.1	00.0	04.3	133	72 %	125/85	166	00	
Recovery	12:37	2:00	01.1	00.0	01.0	123	66 %	120/80	147	00	
Recovery	14:09	3:31	01.1	00.0	01.0	121	65 %	110/80	133	00	

**Findings :**

Exercise Time : 09:07  
Max HR Attained : 158 bpm 85% of Target 186  
Max BP Attained : (Sys) 130/90  
Max WorkLoad Attained : 10.3 Good response to induced stress  
Max ST Dep Lead & Value : V1 & -1.5 mm in PeakEx mm  
Test End Reasons : Test Complete

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

**AAROGYAM DIAGNOSTICS**

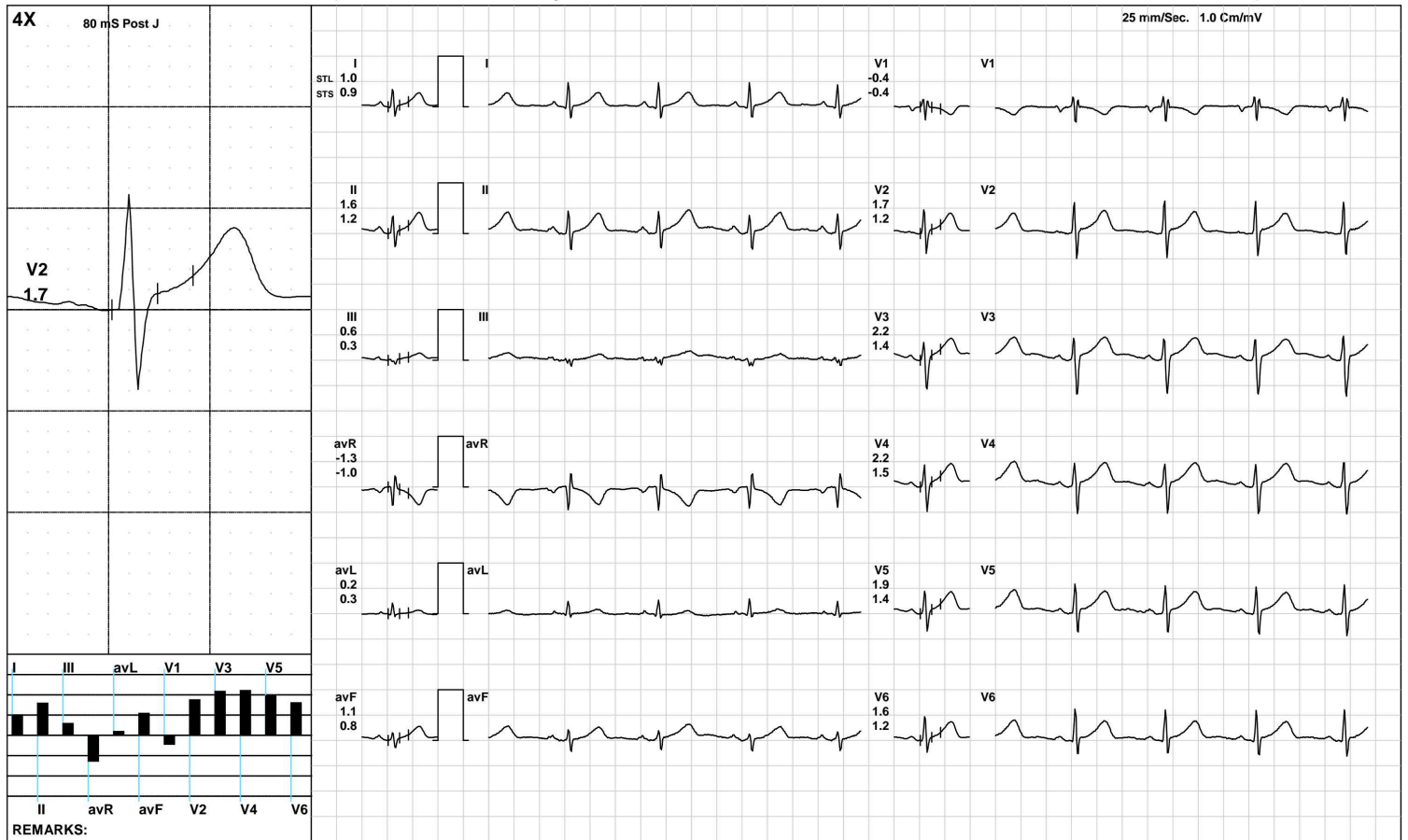
1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 83

Supine



Date: 02-Jul-2022 11:23:07 AM METS: 1.0/ 83 bpm 44% of THR BP: 110/80 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**

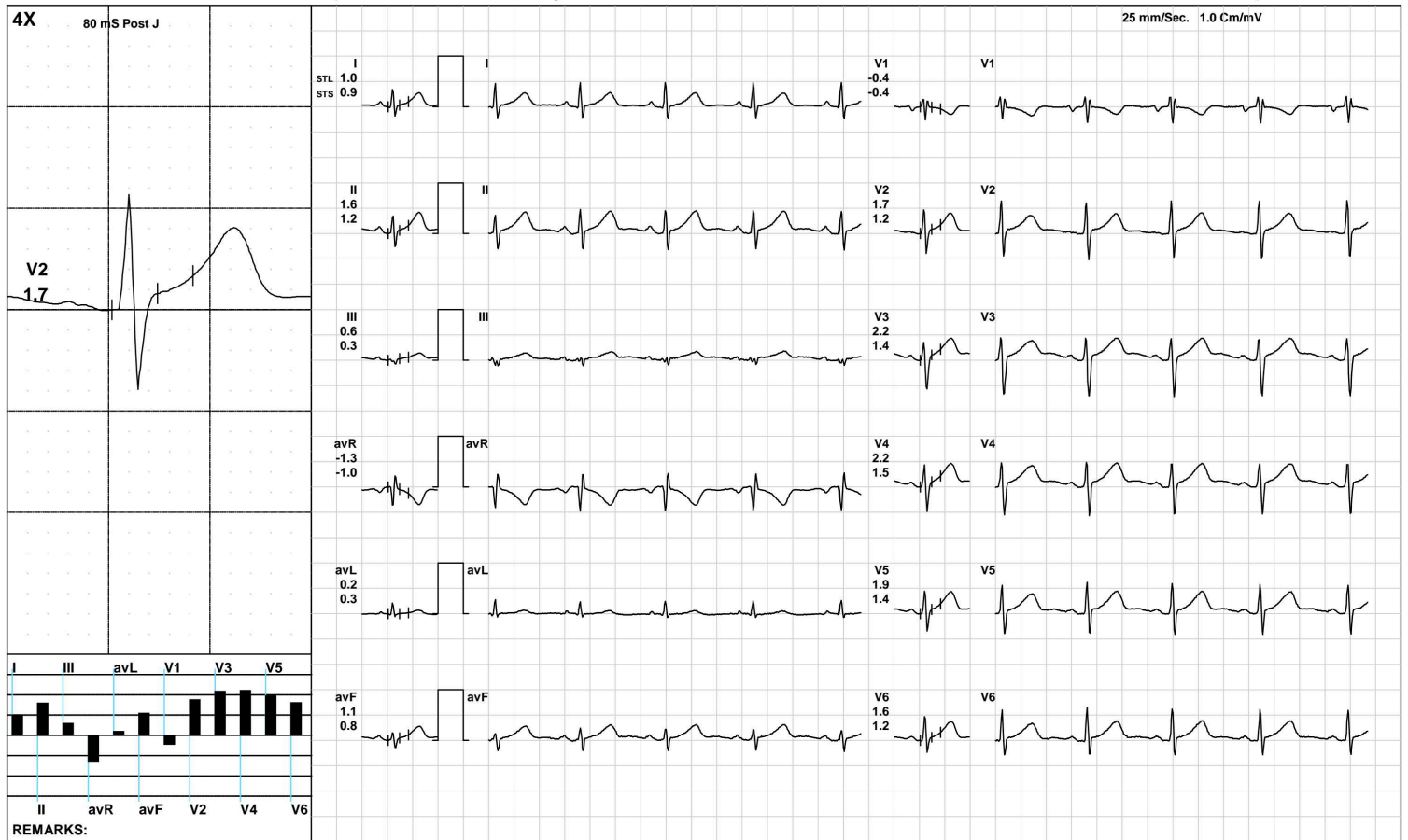
1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 86

Standing



Date: 02-Jul-2022 11:23:07 AM METS: 1.0/ 86 bpm 46% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:12 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

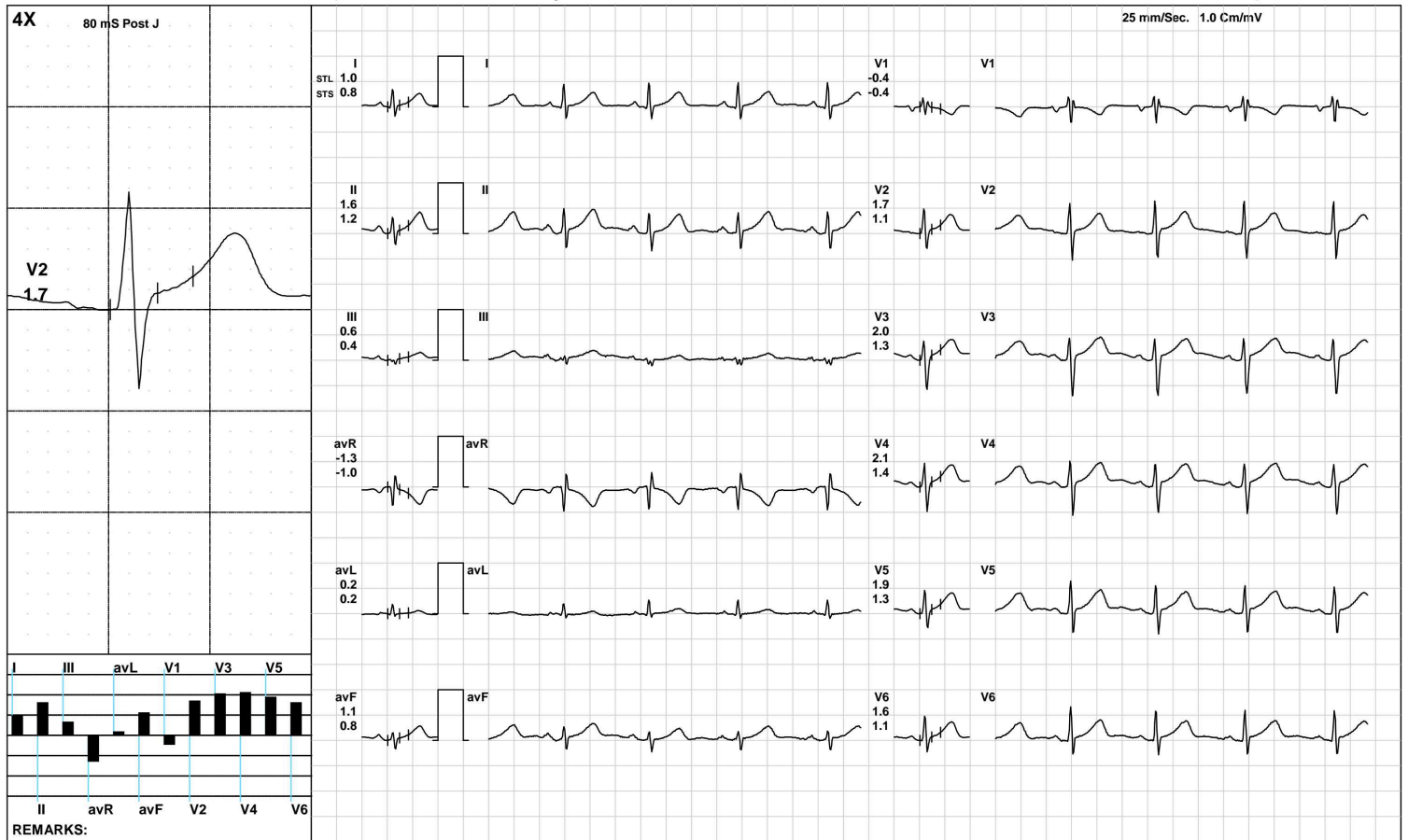
**HV**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 85

Date: 02-Jul-2022 11:23:07 AM METS: 1.0/ 85 bpm 45% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:21 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

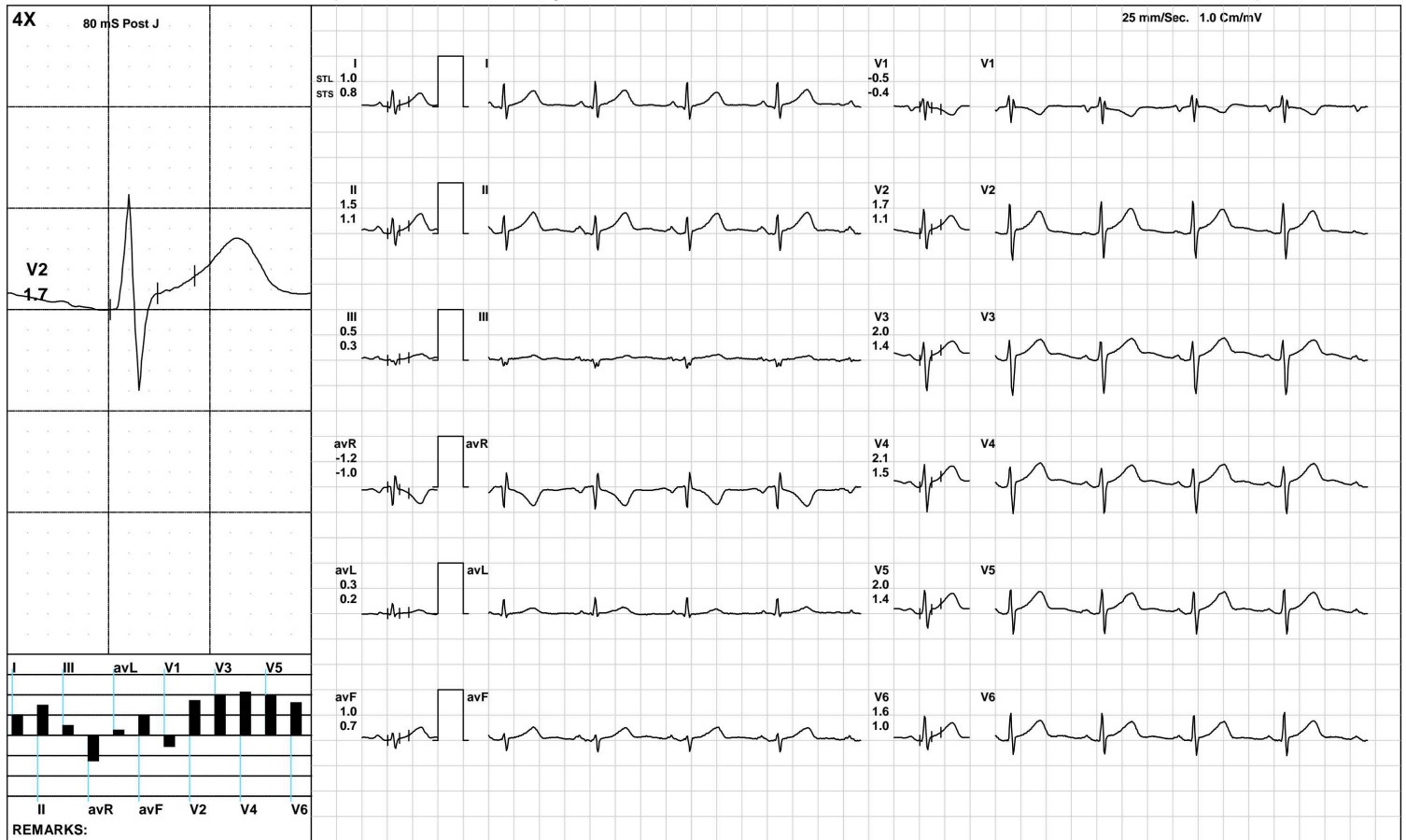
**Warm Up**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 83

Date: 02-Jul-2022 11:23:07 AM METS: 1.0/ 83 bpm 44% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:45 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

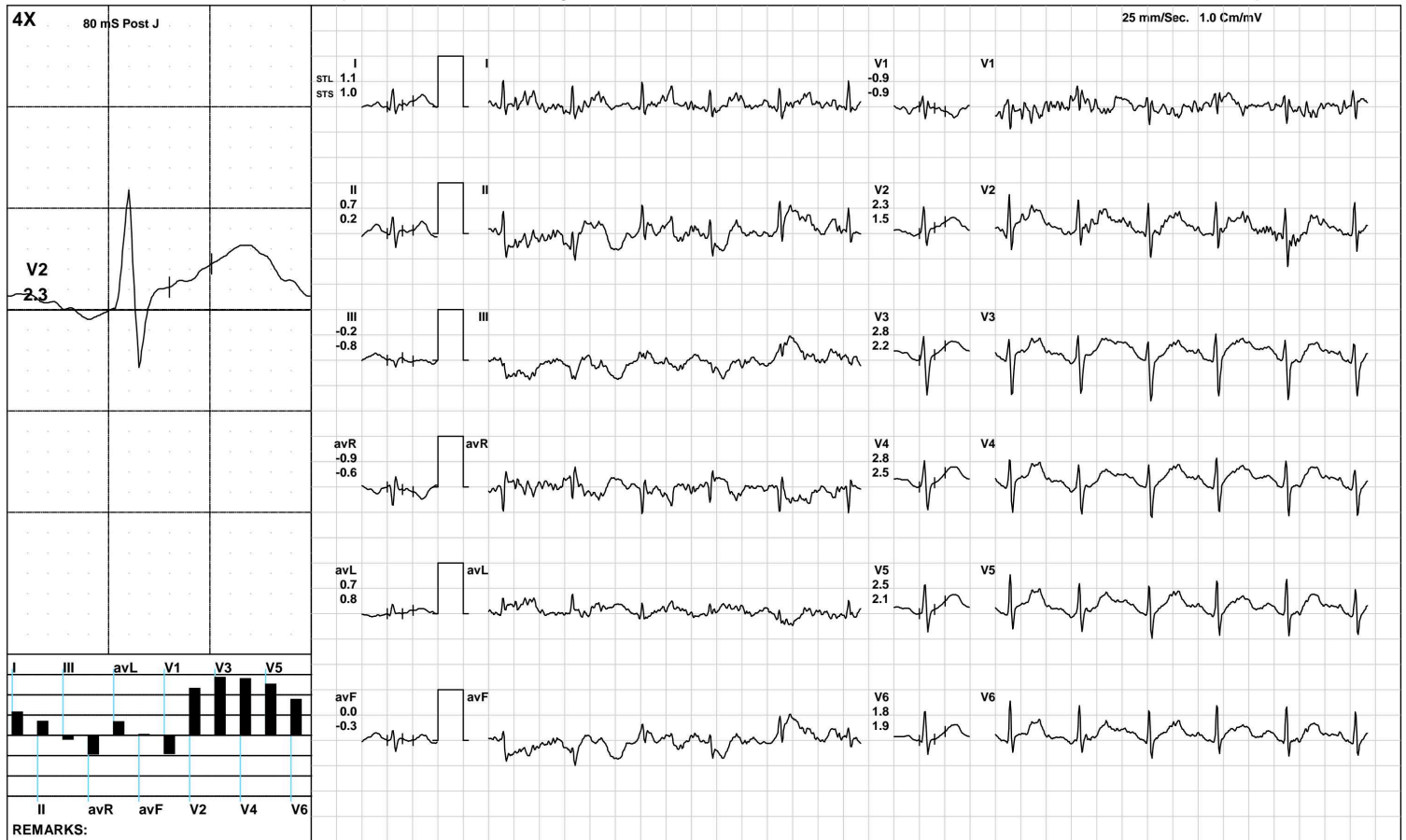
**ExStart**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 106

Date: 02-Jul-2022 11:23:07 AM METS: 1.1/ 106 bpm 56% of THR BP: 110/80 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**

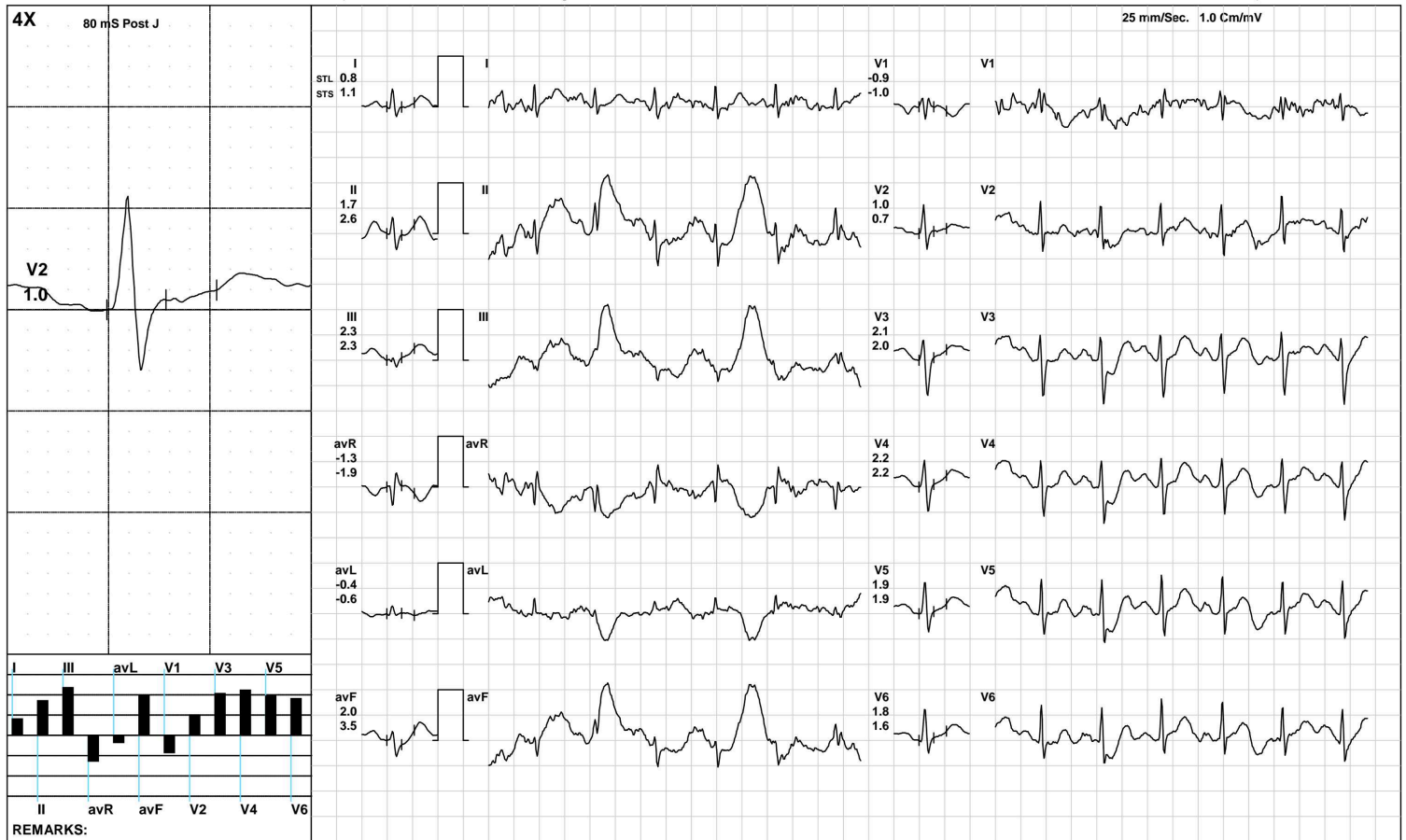
**BRUCE/:Stage 1(3:00)**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 123

Date: 02-Jul-2022 11:23:07 AM METS: 4.7/ 123 bpm 66% 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**

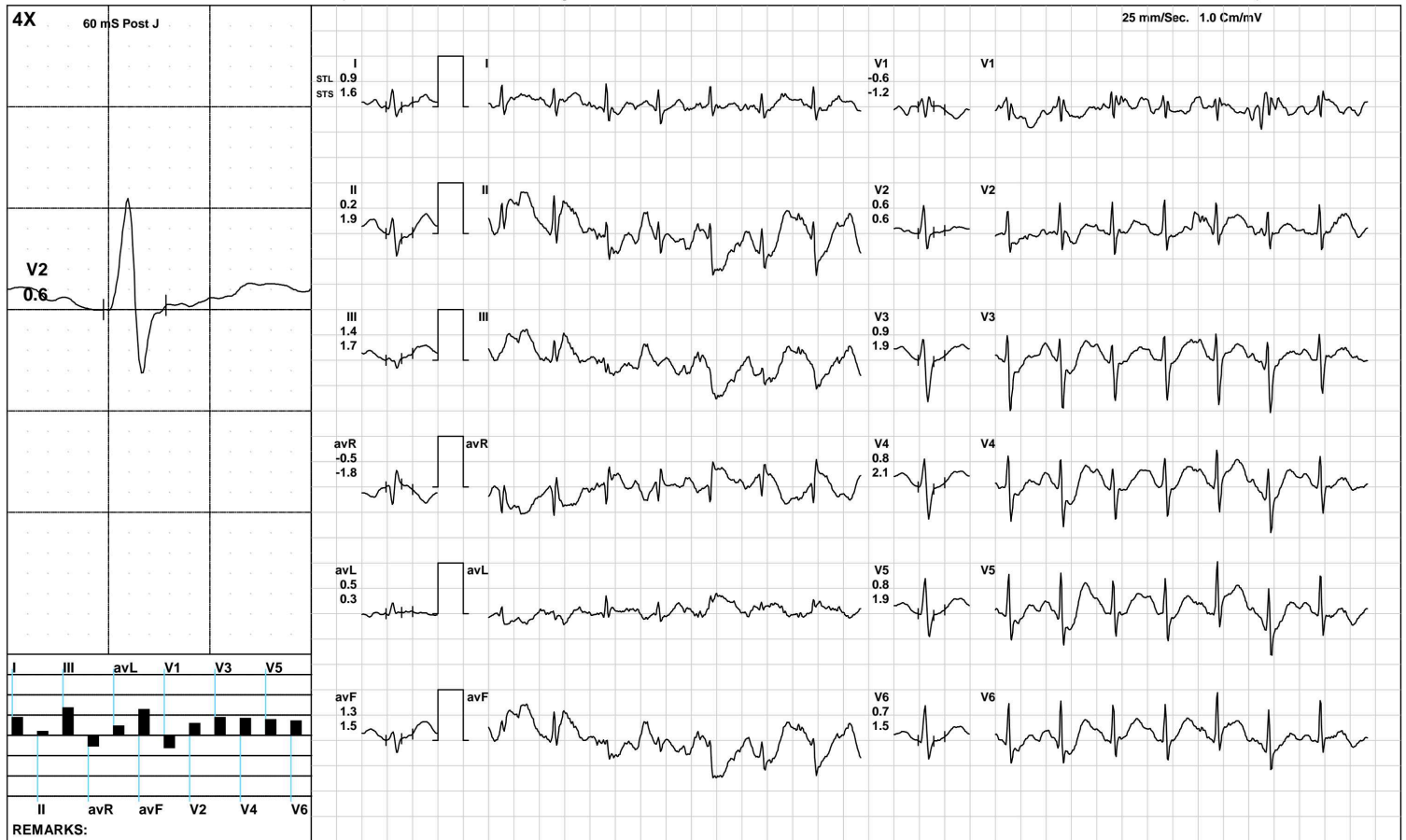
**BRUCE: Stage 2(3:00)**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 144

Date: 02-Jul-2022 11:23:07 AM METS: 7.1/ 144 bpm 77% 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**

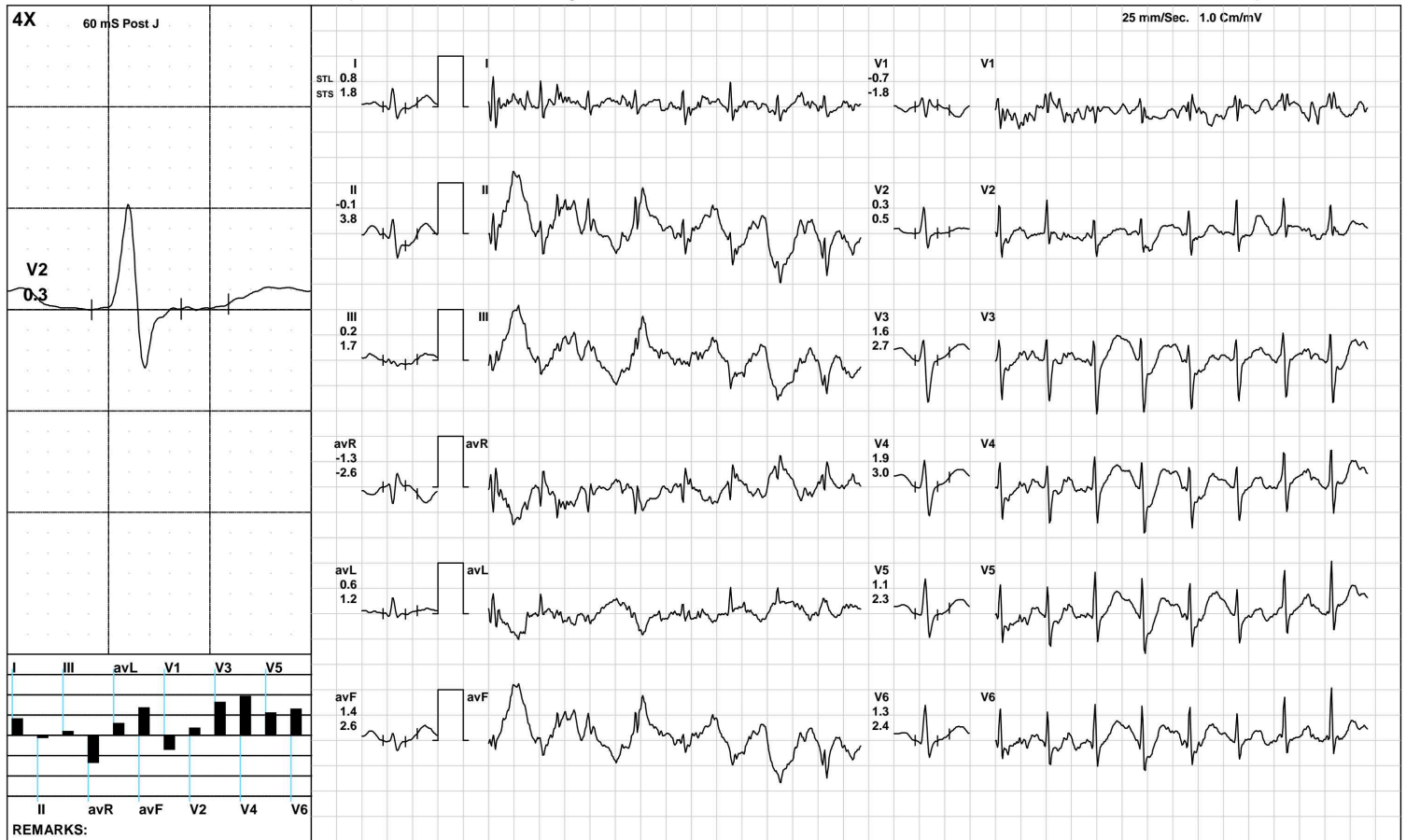
**BRUCE: Stage 3(3:00)**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 158

Date: 02-Jul-2022 11:23:07 AM METS: 10.2/ 158 bpm 84% 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**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 158

Date: 02-Jul-2022 11:23:07 AM METS: 10.3/ 158 bpm 84% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:07 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

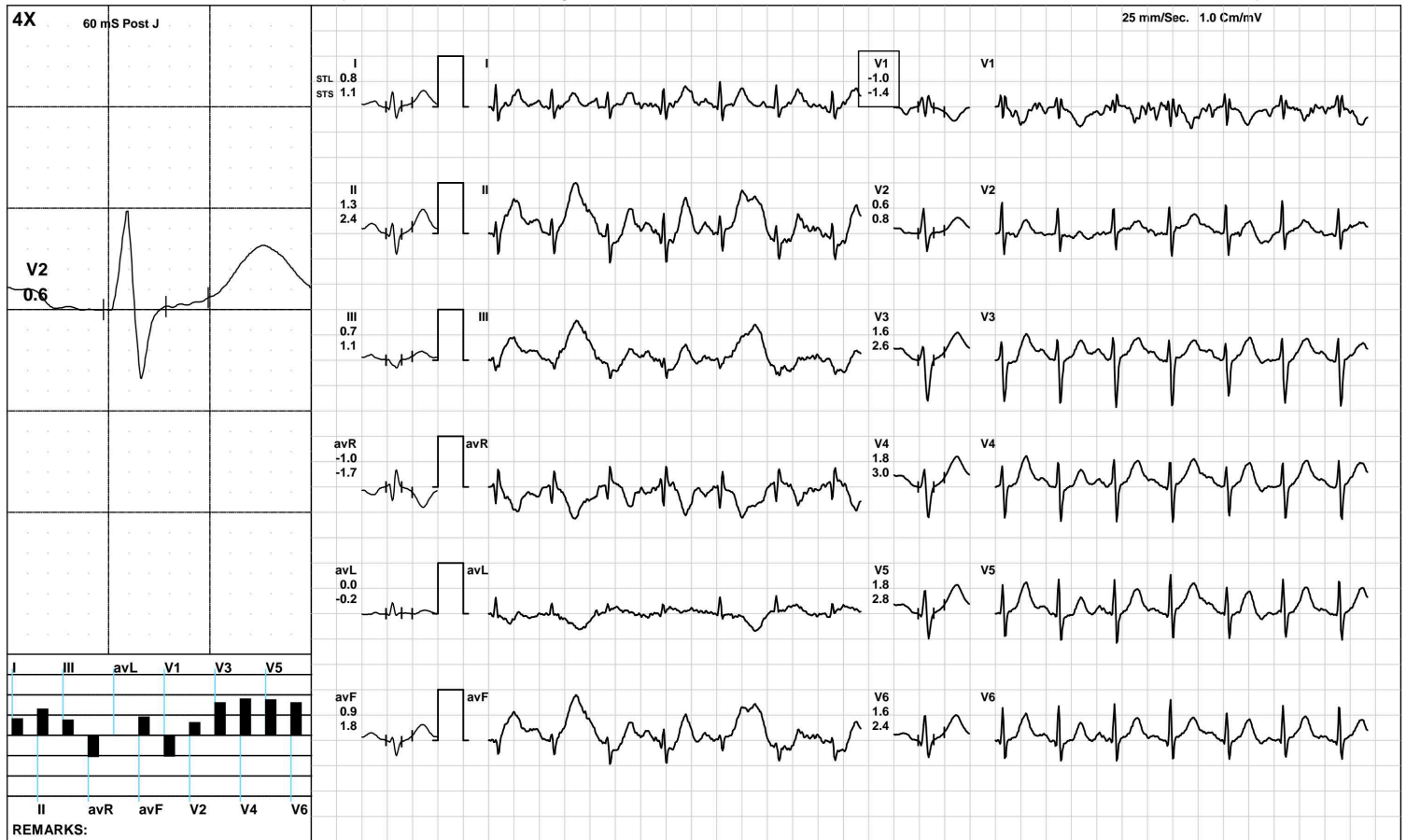
1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 133

Recovery(1:00)



Date: 02-Jul-2022 11:23:07 AM METS: 4.3/ 133 bpm 71% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:07 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

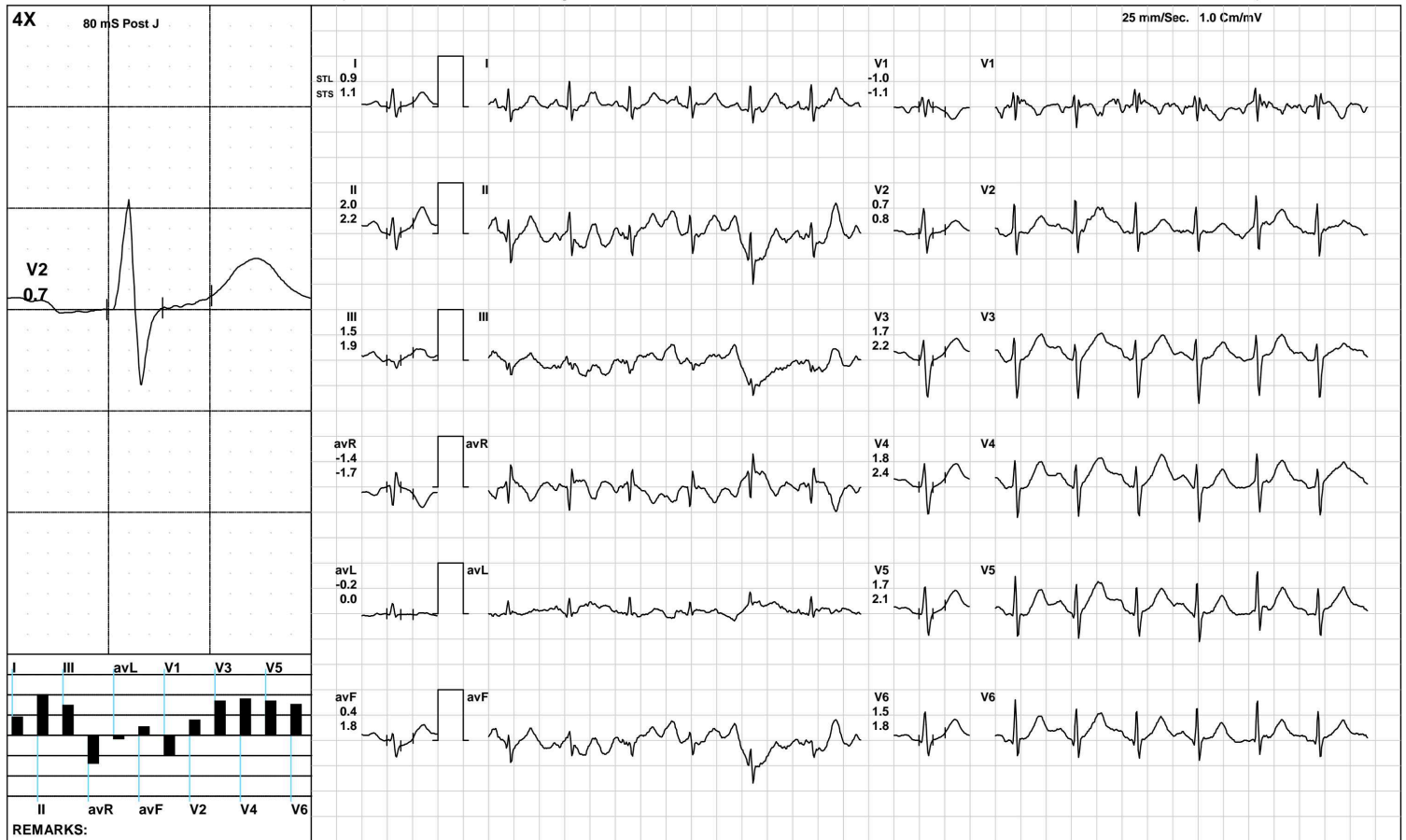
1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 123

Recovery(2:00)



Date: 02-Jul-2022 11:23:07 AM METS: 1.0/ 123 bpm 66% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:07 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

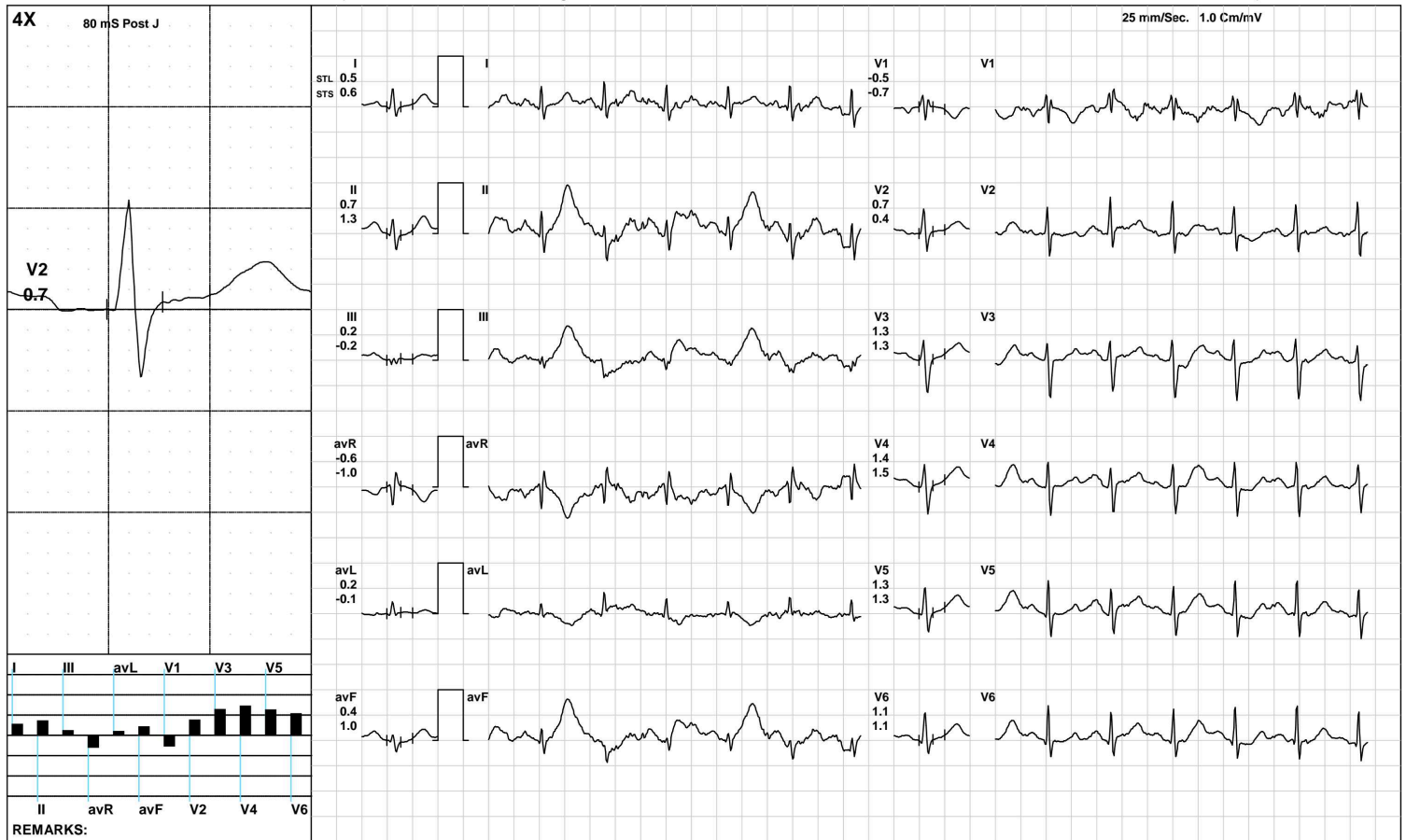
1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 121

Recovery(3:31)



Date: 02-Jul-2022 11:23:07 AM METS: 1.0/ 121 bpm 65% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:07 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1362 / MR. RANJIT KUMAR / 34 Yrs / M / 165 Cms / 71 Kg / HR : 87

Date: 02-Jul-2022 11:23:07 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	1.0	1.6	0.6	-1.3	0.2	1.1	-0.4	1.7	2.2	2.2	1.9	1.6	0.9	1.2	0.3	-1.0	0.3	0.8	-0.4	1.2	1.4	1.5	1.4	1.2	
80 @mS Standing	1.0	1.6	0.6	-1.3	0.2	1.1	-0.4	1.7	2.2	2.2	1.9	1.6	0.9	1.2	0.3	-1.0	0.3	0.8	-0.4	1.2	1.4	1.5	1.4	1.2	
HV	1.0	1.6	0.6	-1.3	0.2	1.1	-0.4	1.7	2.2	2.2	1.9	1.6	0.9	1.2	0.3	-1.0	0.3	0.8	-0.4	1.2	1.4	1.5	1.4	1.2	
Warm Up	1.0	1.5	0.5	-1.2	0.3	1.0	-0.5	1.7	2.0	2.1	2.0	1.6	0.8	1.1	0.3	-1.0	0.2	0.7	-0.4	1.1	1.4	1.5	1.4	1.0	
ExStart	1.1	0.7	-0.2	-0.9	0.7	0.0	-0.9	2.3	2.8	2.8	2.5	1.8	1.0	0.2	-0.8	-0.6	0.8	-0.3	-0.9	1.5	2.2	2.5	2.1	1.9	
Stage 1	0.8	1.7	2.3	-1.3	-0.4	2.0	-0.9	1.0	2.1	2.2	1.9	1.8	1.1	2.6	2.3	-1.9	-0.6	3.5	-1.0	0.7	2.0	2.2	1.9	1.6	
Stage 2	0.9	0.2	1.4	-0.5	0.5	1.3	-0.6	0.6	0.9	0.8	0.8	0.7	1.6	1.9	1.7	-1.8	0.3	1.5	-1.2	0.6	1.9	2.1	1.9	1.5	
Stage 3	0.8	-0.1	0.2	-1.3	0.6	1.4	-0.7	0.3	1.6	1.9	1.1	1.3	1.8	3.8	1.7	-2.6	1.2	2.6	-1.8	0.5	2.7	3.0	2.3	2.4	
PeakEx	0.8	-0.1	0.2	-1.3	0.6	1.4	-0.7	0.3	1.6	1.9	1.1	1.3	1.8	3.8	1.7	-2.6	1.2	2.6	-1.8	0.5	2.7	3.0	2.3	2.4	
Recovery	0.8	1.3	0.7	-1.0	0.0	0.9	-1.0	0.6	1.6	1.8	1.8	1.6	1.1	2.4	1.1	-1.7	-0.2	1.8	-1.4	0.8	2.6	3.0	2.8	2.4	
Recovery	0.9	2.0	1.5	-1.4	-0.2	0.4	-1.0	0.7	1.7	1.8	1.7	1.5	1.1	2.2	1.9	-1.7	0.0	1.8	-1.1	0.8	2.2	2.4	2.1	1.8	
Recovery	0.5	0.7	0.2	-0.6	0.2	0.4	-0.5	0.7	1.3	1.4	1.3	1.1	0.6	1.3	-0.2	-1.0	-0.1	1.0	-0.7	0.4	1.3	1.5	1.3	1.1	



		<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	8.8	14.0	5.2	-11.3	1.7	9.7	-4.1	15.0	17.8	18.4	16.3	13.5
	Standing	8.8	14.0	5.2	-11.3	1.7	9.7	-4.1	15.0	17.8	18.4	16.3	13.5
	HV	8.8	14.0	5.2	-11.3	1.7	9.7	-4.1	15.0	17.8	18.4	16.3	13.5
	Warm Up	8.2	12.5	4.3	-10.3	1.9	8.3	-4.7	13.6	15.7	16.6	15.1	12.8
	ExStart	7.9	5.8	-0.9	-7.0	4.2	1.1	-5.9	16.2	19.2	18.1	16.8	11.5
	Stage 1	3.4	6.3	12.5	-4.6	-0.6	6.2	-3.1	6.6	11.8	12.5	11.0	10.6
	Stage 2	2.3	-2.5	5.2	0.3	2.2	4.9	-0.6	2.0	1.9	1.3	1.4	1.4
	Stage 3	0.1	-10.0	-2.7	-1.5	1.4	2.5	-0.8	0.7	4.1	5.3	1.6	2.9
	PeakEx	0.1	-10.0	-2.7	-1.5	1.4	2.5	-0.8	0.7	4.1	5.3	1.6	2.9
	Recovery	2.9	3.5	2.5	-3.1	0.4	2.0	-3.5	2.2	5.2	5.6	5.7	5.2
	Recovery	4.9	11.3	8.3	-7.5	-1.3	-0.4	-5.1	4.2	8.9	9.3	9.1	8.2
	Recovery	3.2	2.9	2.3	-2.7	2.0	1.3	-3.1	5.3	7.6	8.6	7.4	6.2



PATNA

1362 / MR. RANJIT KUMAR / 34 Yrs / Male / 165 Cm / 71 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) (L & PJ)	(μV)	(%)	(Counts)
00:30	96	230	72	3	348	162	606	-709	490	-13 V1	-42	0.00	0
01:00	106	204	72	-10	349	227	670	-705	494	-8 V1	-64	0.00	0
01:30	112	82	54	-51	494	233	679	-736	521	-34 avL	-100	0.00	0
02:00	120	170	76	-54	358	227	670	-717	494	-107 III	-151	0.00	0
02:30	123	146	88	-44	448	218	664	-727	376	59 V1	-37	0.00	0
03:00	126	142	56	-66	445	239	671	-776	375	-59 avL	-77	0.00	0
03:30	122	154	78	-53	472	219	676	-779	402	-8 III	-68	0.00	0
04:00	125	156	64	-55	452	235	703	-742	380	-126 III	-143	0.00	0
04:30	127	160	60	-74	377	273	745	-784	-390	-399 avF	-288	0.00	0
05:00	139	124	58	-68	225	295	698	-838	-489	-469 avF	-251	0.00	0
05:30	138	120	56	-15	376	259	683	-847	400	-167 III	-118	0.00	0
06:00	144	132	64	-29	318	260	695	-843	312	-20 V1	-68	0.00	0
06:30	143	122	56	-68	440	266	716	-848	379	-321 II	-94	0.00	0
07:00	144	128	64	-35	339	276	700	-846	369	92 V1	-57	0.00	0
07:30	149	134	56	20	329	276	758	-858	369	-398 II	-47	0.00	0
08:00	156	128	56	-59	413	277	710	-882	348	-397 avF	-282	0.00	0
08:30	155	118	60	-53	362	284	687	-890	377	-312 II	-131	0.00	0
09:00	154	118	56	-51	332	271	745	-880	348	-333 II	-113	0.00	0
09:30	157	112	60	-72	342	298	700	-895	393	-160 avF	-173	0.00	0
10:00	156	118	54	-36	309	280	691	-916	436	-447 II	-145	0.00	0
10:30	155	120	60	-70	364	332	686	-892	474	-278 II	-106	0.00	0
11:00	142	120	60	-68	330	292	641	-887	542	-1 V1	-92	0.00	0
11:30	129	144	54	-50	322	228	661	-852	583	51 V1	-69	0.00	0
12:00	121	126	54	-51	336	265	648	-888	700	57 V1	-122	0.00	0
12:30	122	162	54	4	452	256	632	-816	631	8 V1	-130	0.00	0

**AAROGYAM DIAGNOSTICS****Median Measurement Summary**

PATNA

1362 / MR. RANJIT KUMAR / 34 Yrs / Male / 165 Cm / 71 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)	(I & PJ)	(μV)	(%)	(Counts)	(Counts)
13:00	116	166	54	-10	461	246	662	-803	556	54	V1	-71	0.00	0	0
13:30	118	166	54	-35	365	208	670	-768	407	-209	III	-103	0.00	0	0



ISO 9001 : 2015  
**AAROGYAM DIAGNOSTICS**  
 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

F- 41, P.C. Colony, Opp. Madhuban Complex,  
 Near Malahi Pakari Chowk, Kankarbagh, Patna – 20  
 9264278360, 9065875700, 8789391403  
 info@aarogyamdiagnostics.com  
 www.aarogyamdiagnostics.com

Date	02/07/2022	Srl No.	18	Patient Id	2207020018
Name	Mr. RANJIT KUMAR	Age	34 Yrs.	Sex	M
Ref. By	Dr.BOB				

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 \*\*\*\*

**Dr.R.B.RAMAN**  
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**AAROGYAM DIAGNOSTICS**  
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<b>Date</b>	<b>02/07/2022</b>	<b>Srl No. 18</b>	<b>Patient Id 2207020018</b>
<b>Name</b>	<b>Mr. RANJIT 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)	14.8	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	65	%	40 - 75
LYMPHOCYTE	31	%	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	4.96	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	44.4	%	40 - 54
M C V	89.52	fl.	80 - 100
M C H	29.84	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.55	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		

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

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Test Name	Value	Unit	Normal Value
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### BIOCHEMISTRY

BLOOD SUGAR FASTING	84.2	mg/dl	70 - 110
SERUM CREATININE	0.79	mg%	0.7 - 1.4
BLOOD UREA	24.1	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.8	mg%	3.4 - 7.0

### LIVER FUNCTION TEST (LFT)

BILIRUBIN TOTAL	0.72	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.21	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.51	mg/dl	0.00 - 0.70
TOTAL PROTEIN	<b>6.1</b>	gm/dl	6.6 - 8.3
ALBUMIN	3.5	gm/dl	3.4 - 5.2
GLOBULIN	2.6	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.346</b>		
SGOT	<b>60.5</b>	IU/L	5 - 40
SGPT	<b>69.2</b>	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	108.2	U/L	40.0 - 130.0
GAMMA GT	25.1	IU/L	8.0 - 71.0

### LFT INTERPRET

### LIPID PROFILE

TRIGLYCERIDES	85.9	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	166.8	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	43.8	mg/dL	35.1 - 88.0
V L D L	17.18	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	105.82	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.808		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.416		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	0.94	ng/ml	0.60 - 1.81
T4	8.26	ug/dl	4.5 - 10.9
Chemiluminescence			
TSH	1.03	uIU/ml	
Chemiluminescence			

## 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.



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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	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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