

*Rajesh Kumar*

*Balchharyarbur Branch*

HC - 075

WF - 94

B.P - 130/90

Ref - RAB

9628 377 112



ISO 9001 : 2015

**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

Name :- Rajesh Kumar  
Refd by :- BoB

Age/Sex:-34Yrs/M  
Date :-20/02/22

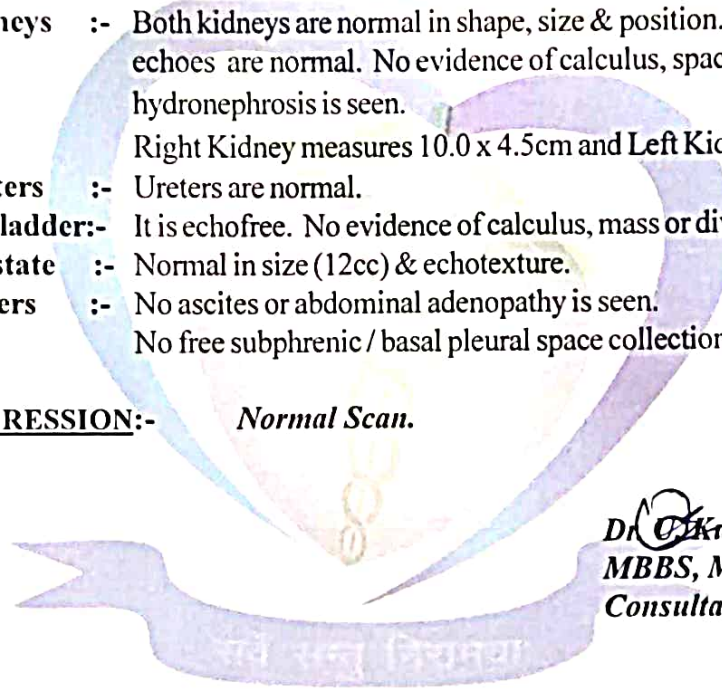
Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size ( 14.8cm) 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 (10.0cm) 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 10.0 x 4.5cm and Left Kidney measures 10.2x5.0cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (12cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Normal Scan.*

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





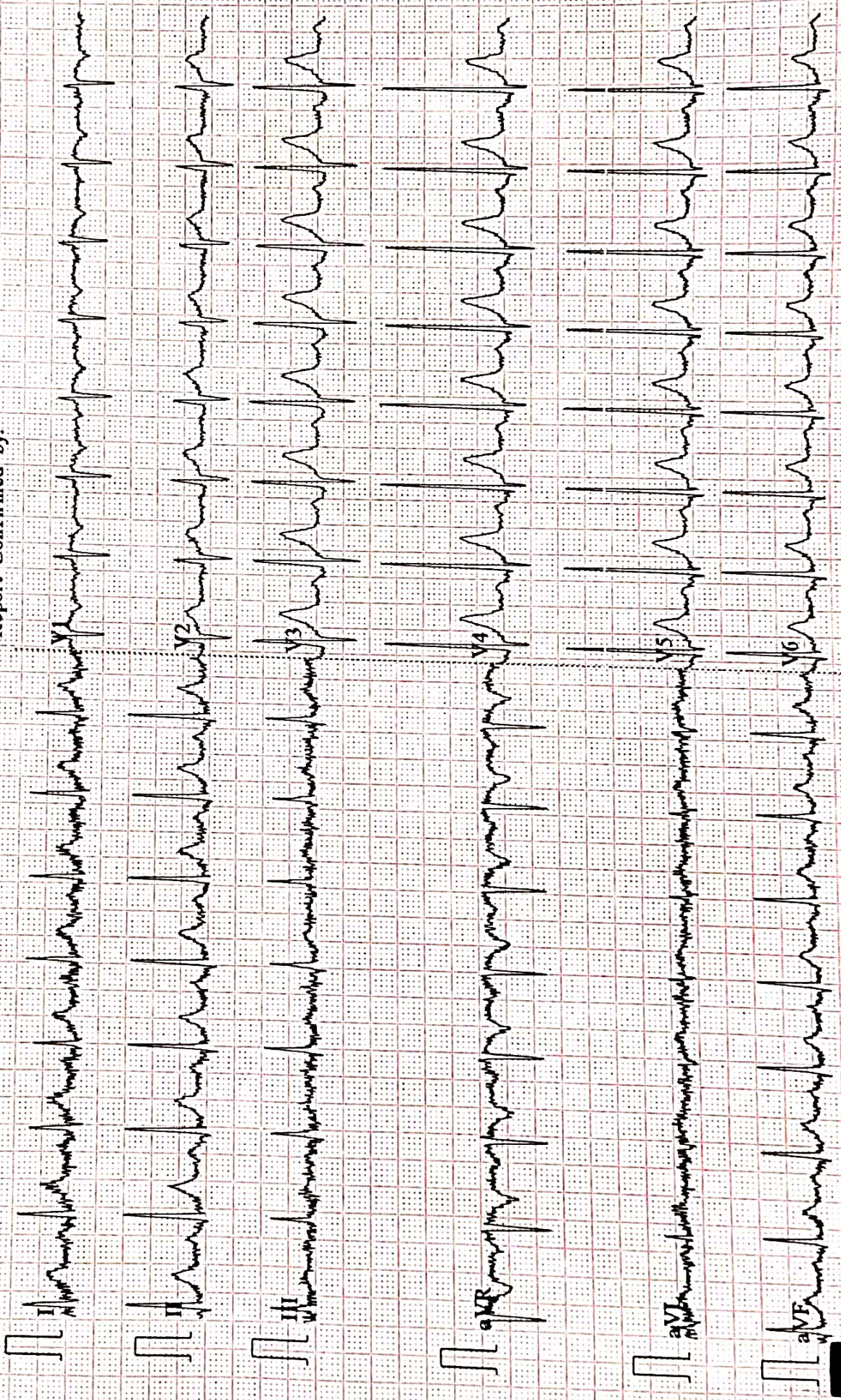
ID: 82

RAJESH KUMAR  
Male 36Years

20-02-2022 11:54:43 AM  
HR : 96 bpm  
P : 106 ms  
PR : 163 ms  
QRS : 90 ms  
QT/QTc : 334/422 ms  
P/QRS/T : 59/64/46 °  
RV5/SV1 : 2.318/0.646 mV

Diagnosis Information:  
Sinus Rhythm  
Largd PtfV1

Ref-Phys. :  
Report Confirmed by:





**AAROGYAM DIAGNOSTICS**

Patna

**Report**

(GEM212170906)(R)Kardic by Allengers

1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg Date: 20-Feb-2022 Technician : ARUN

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	88	48 %	120/80	105	00	
Standing	00:32	0:01	00.0	00.0	01.0	84	46 %	120/80	100	00	
HV	00:39	0:01	00.0	00.0	01.0	084	46 %	120/80	100	00	
Warm Up	00:52	0:01	01.0	00.0	01.0	087	47 %	120/80	104	00	
ExStart	01:31	0:06	01.7	10.0	01.1	106	58 %	120/80	127	00	
BRUCE/ Stage 1	04:31	3:00	01.7	10.0	04.7	155	84 %	125/85	193	00	
BRUCE/ Stage 2	07:31	3:00	02.5	12.0	07.1	176	96 %	130/90	228	00	
PeakEx	08:50	1:19	03.4	14.0	08.5	192	104 %	130/90	249	00	
Recovery	09:49	1:00	01.1	00.0	01.2	174	95 %	125/85	217	00	
Recovery	10:49	2:00	01.1	00.0	01.0	166	90 %	120/80	199	00	
Recovery	12:49	4:00	01.1	00.0	01.0	152	83 %	120/80	182	00	
Recovery	12:51	4:01	01.1	00.0	01.0	152	83 %	120/80	182	00	

**Findings :**

Exercise Time : 07:20  
Max HR Attained : 192 bpm 104% of Target 184  
Max BP Attained : (Sys) 130/90  
Max WorkLoad Attained : 8.5 Fair response to induced stress  
Max ST Dep Lead & Value : V1 & -1.9 mm in Recovery mm  
Test End Reasons : Test Complete

**Report :**

Doctor : Doctor Name



**AAROGYAM DIAGNOSTICS**

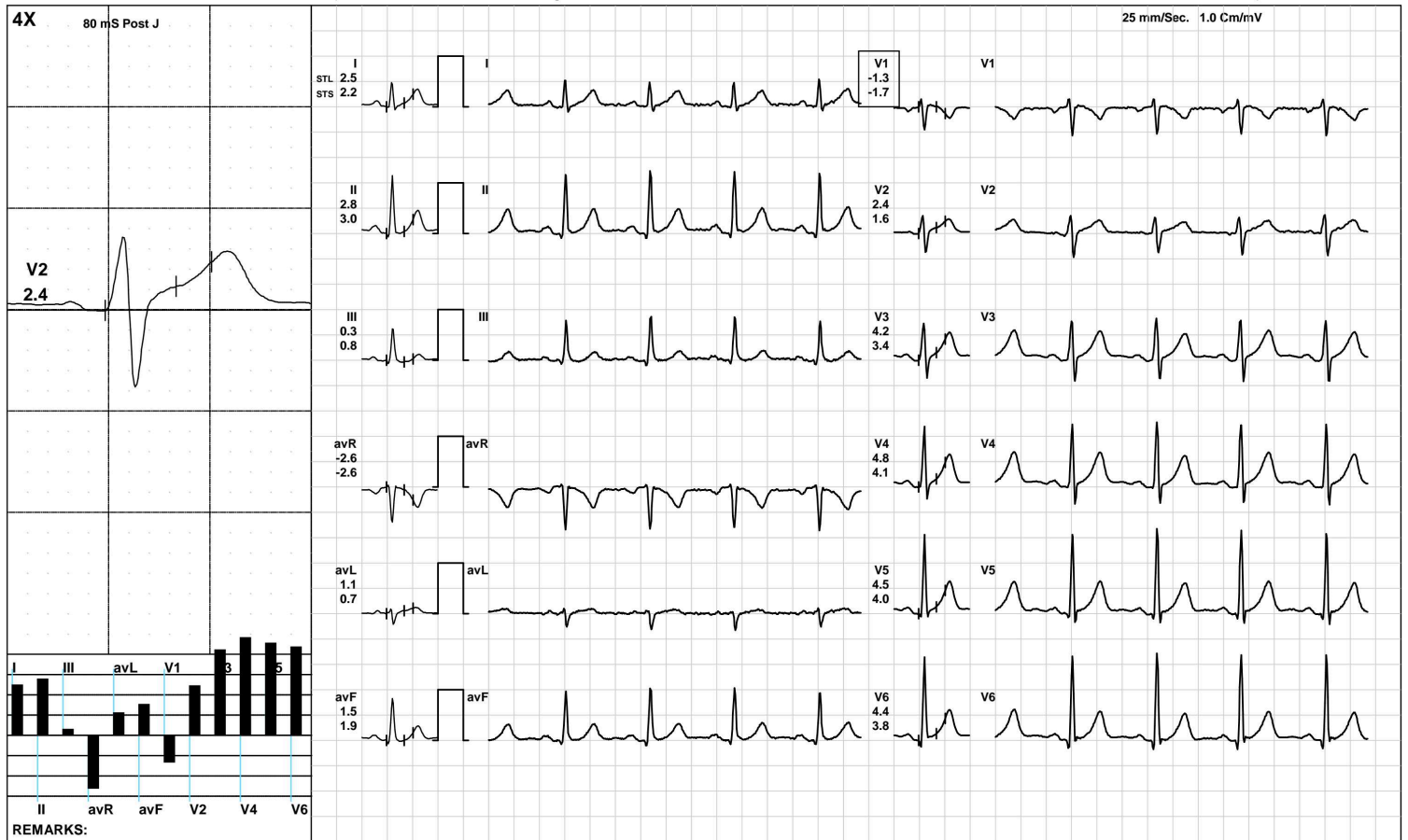
Supine



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 88

Date: 20-Feb-2022 11:20:54 AM METS: 1.0/ 88 bpm 47% 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%



**AAROGYAM DIAGNOSTICS**

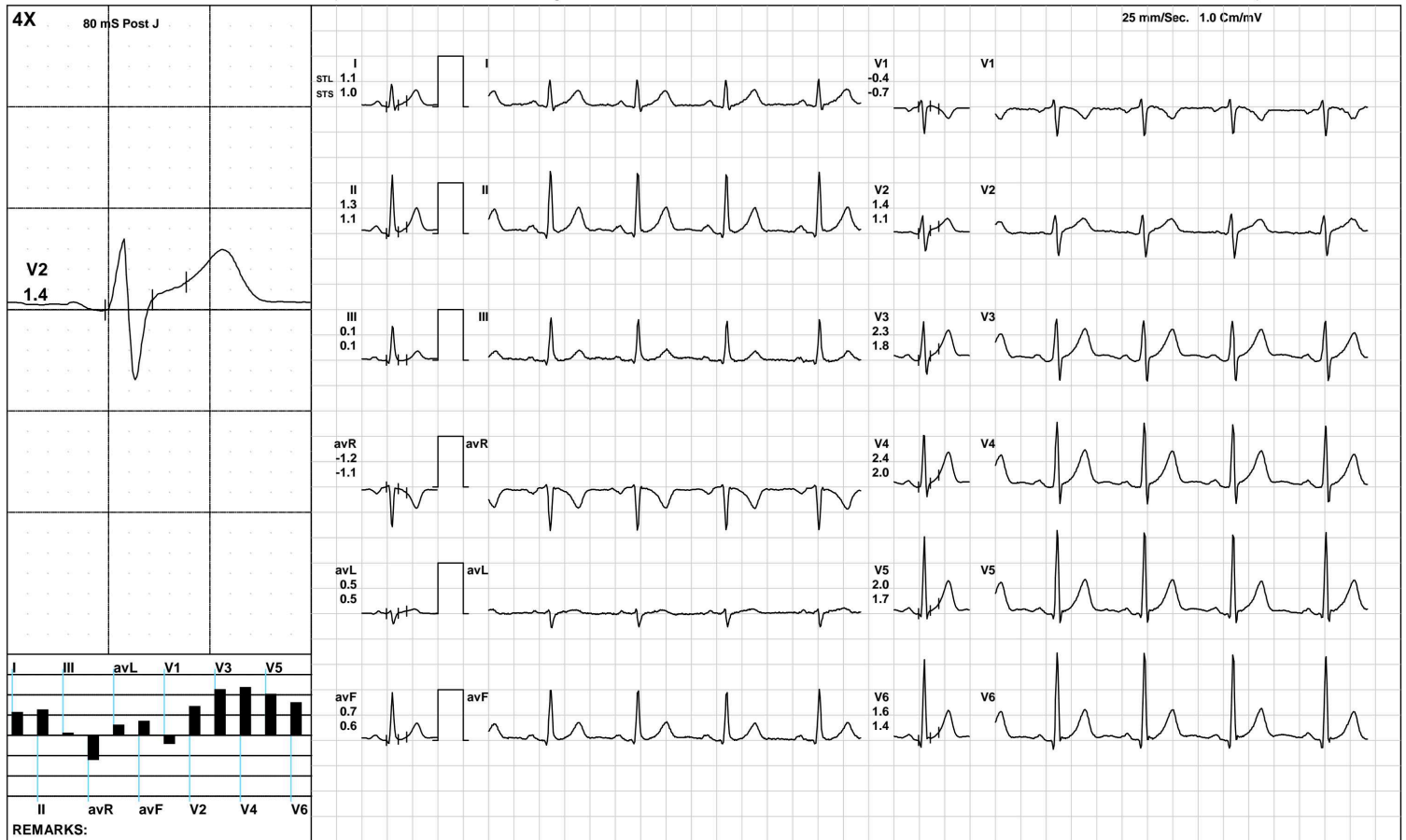
Standing



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 84

Date: 20-Feb-2022 11:20:54 AM METS: 1.0/ 84 bpm 45% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:32 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers





**AAROGYAM DIAGNOSTICS**

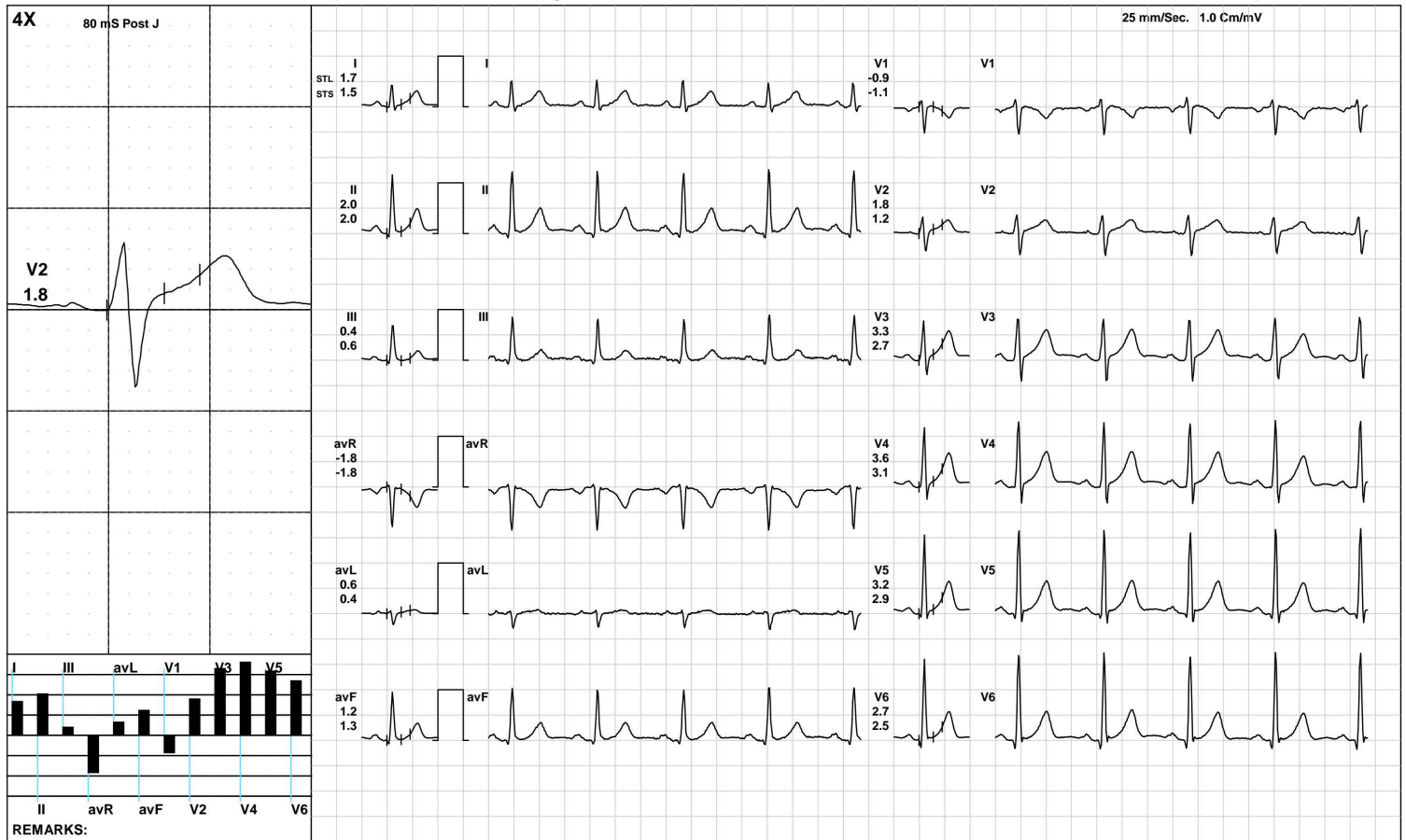
Warm Up



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 87

Date: 20-Feb-2022 11:20:54 AM METS: 1.0/ 87 bpm 47% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:52 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

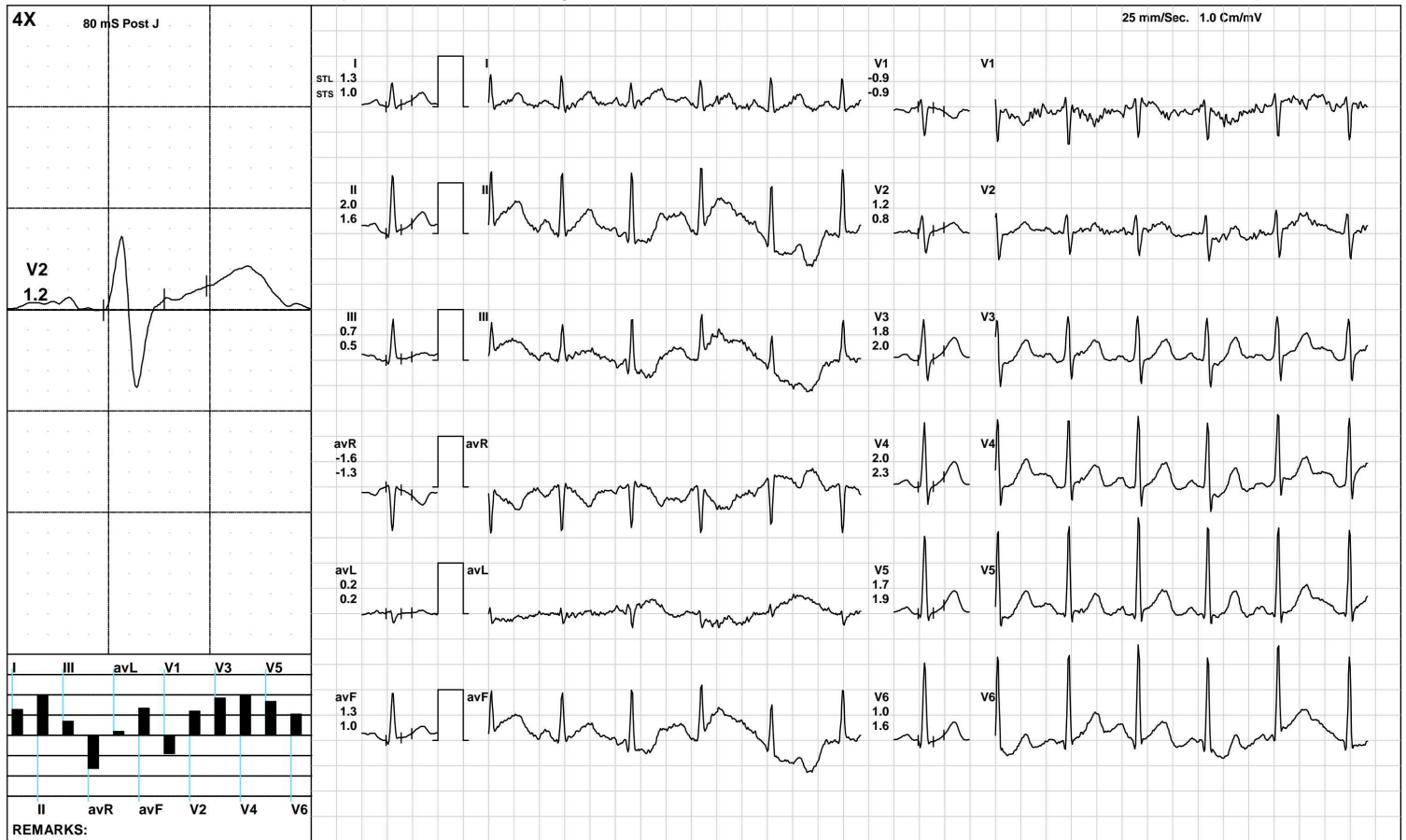
ExStart



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 106

Date: 20-Feb-2022 11:20:54 AM METS: 1.1/ 106 bpm 57% 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**

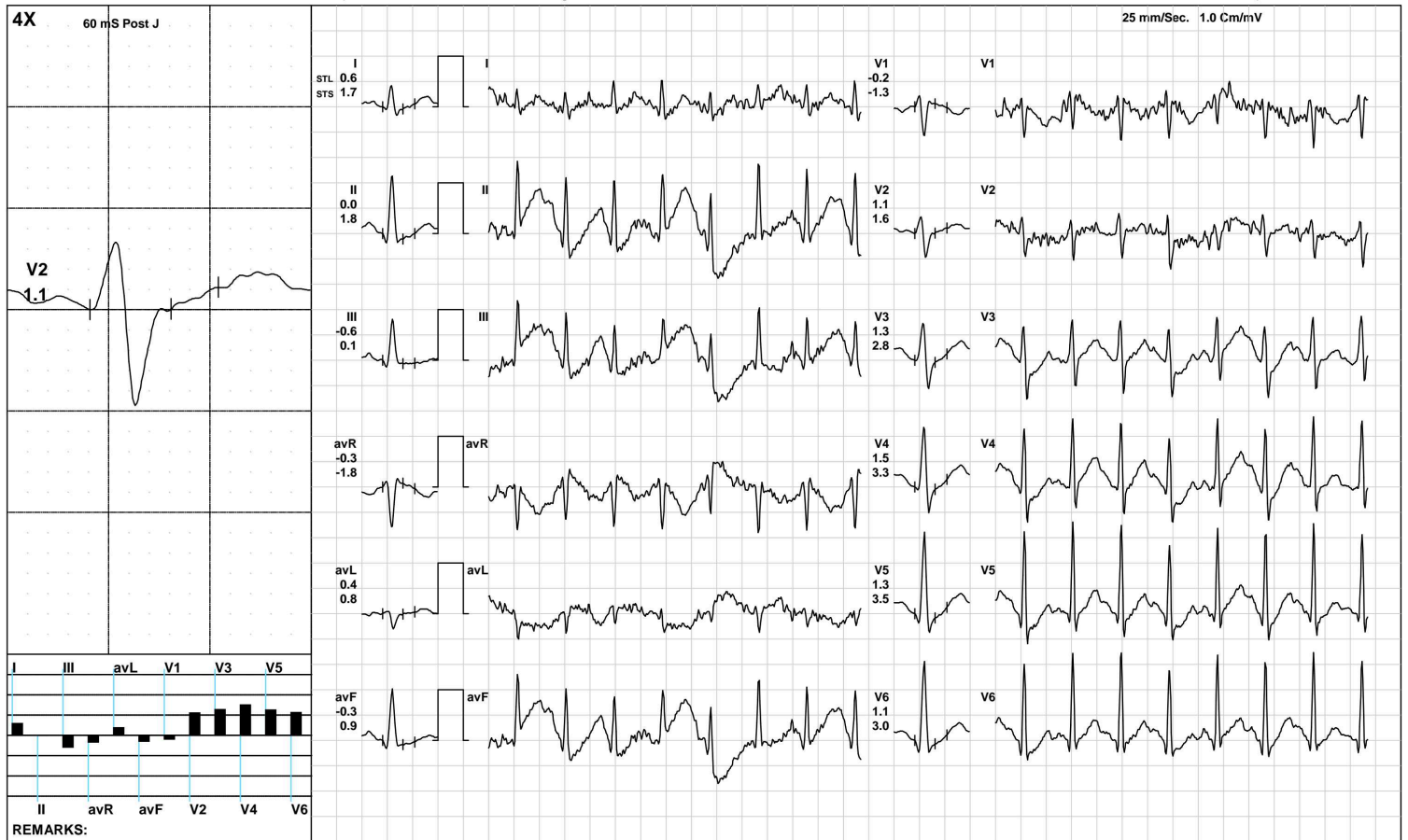
**BRUCE: Stage 1(3:00)**



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 155

Date: 20-Feb-2022 11:20:54 AM METS: 4.7/ 155 bpm 84% of THR BP: 125/85 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**

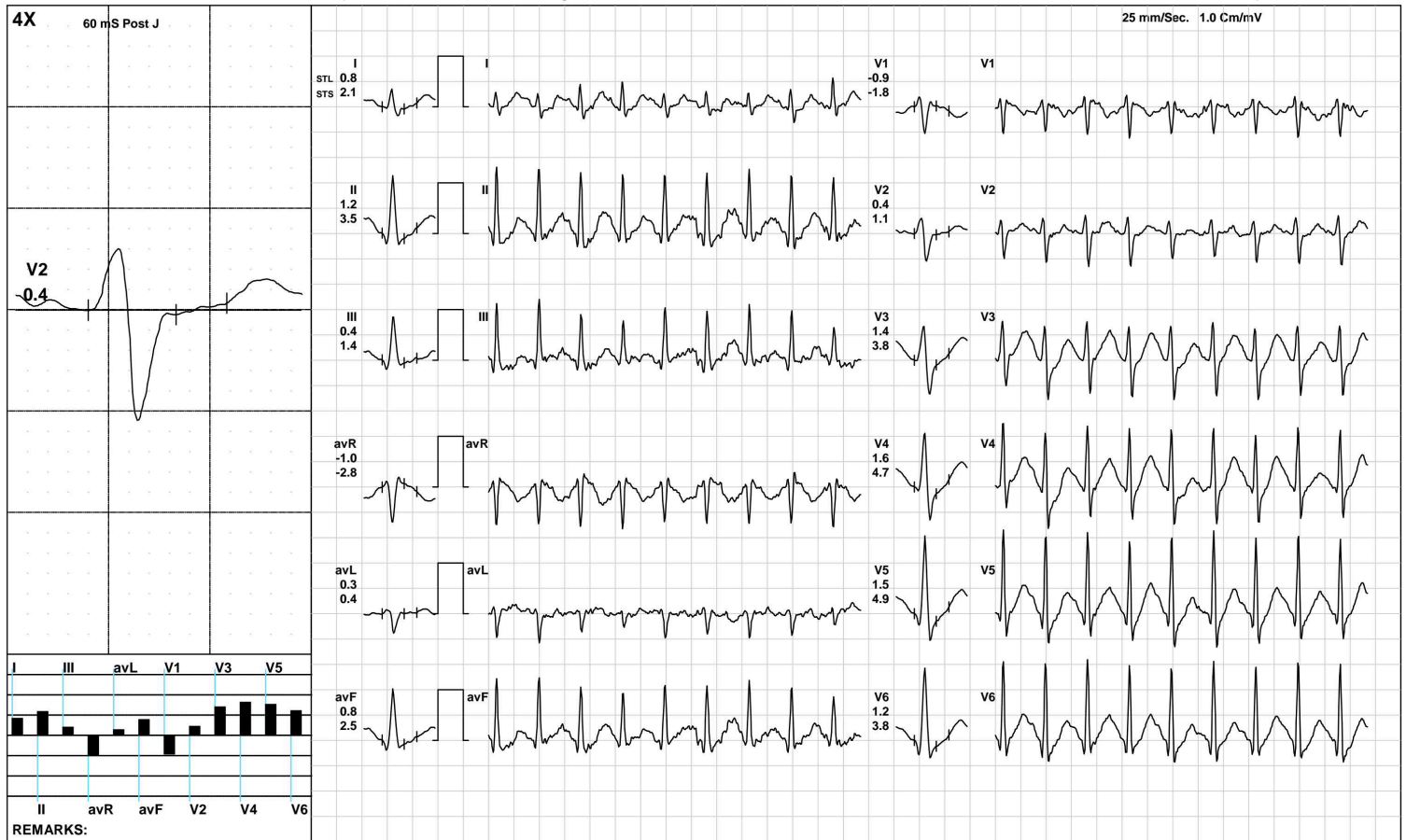
**BRUCE/Stage 2(3:00)**



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 176

Date: 20-Feb-2022 11:20:54 AM METS: 7.1/ 176 bpm 95% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:00 2.5 mph, 12.0%



**AAROGYAM DIAGNOSTICS**

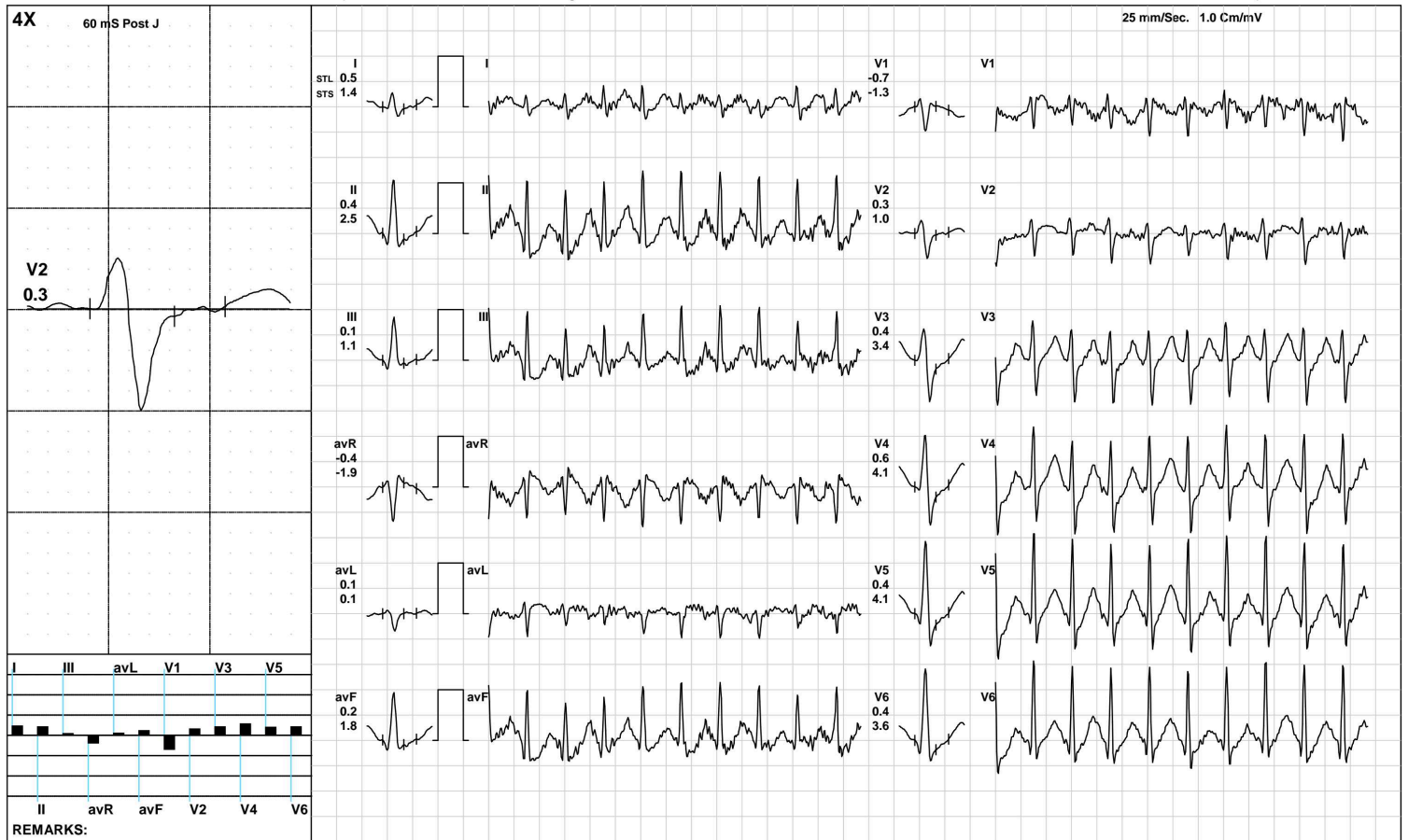
**PeakEx**



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 192

Date: 20-Feb-2022 11:20:54 AM METS: 8.5/ 192 bpm 104% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:19 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

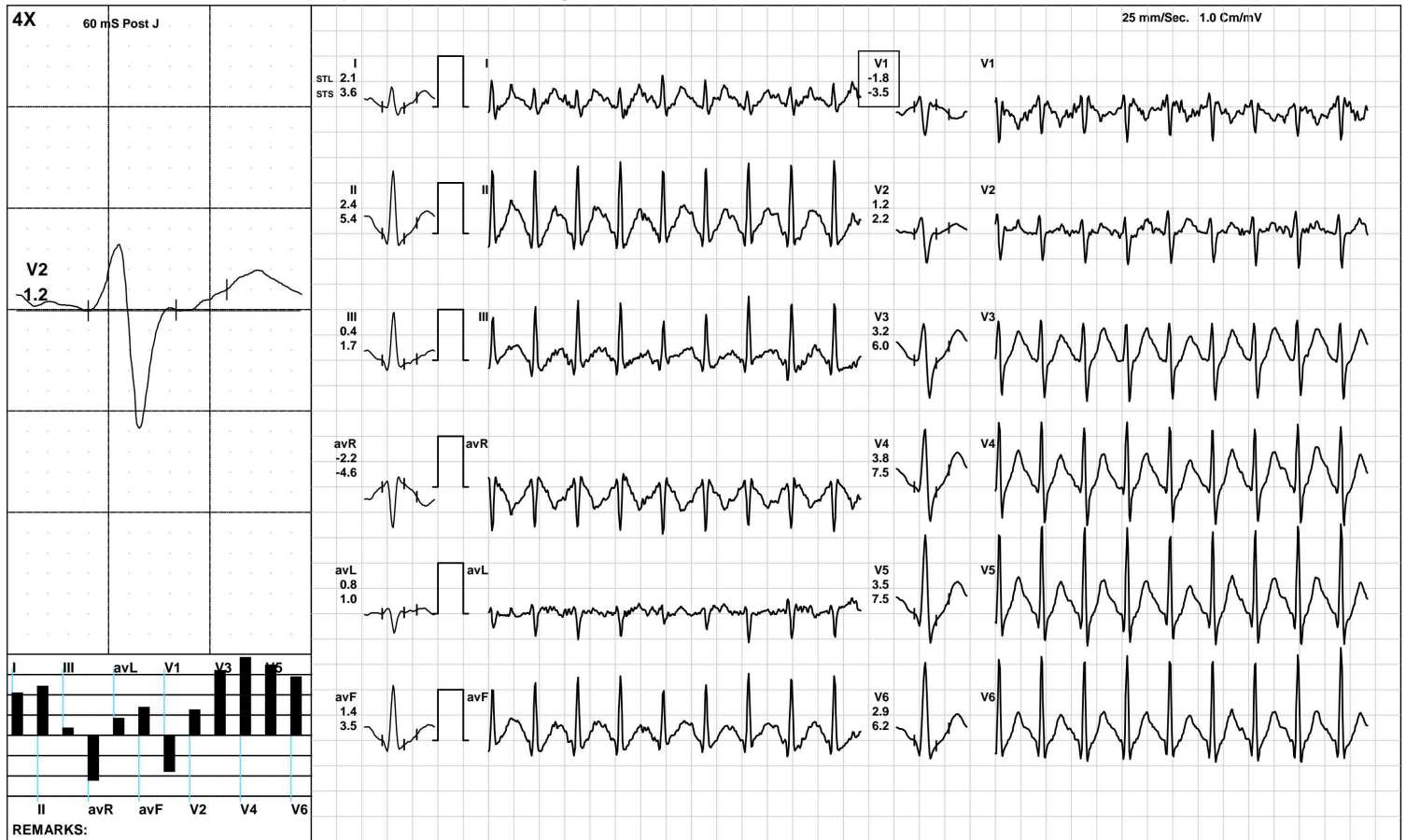
Recovery(1:00)



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 174

Date: 20-Feb-2022 11:20:54 AM METS: 1.2/ 174 bpm 94% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:20 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

Recovery(2:00)



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 166

Date: 20-Feb-2022 11:20:54 AM METS: 1.0/ 166 bpm 90% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:20 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

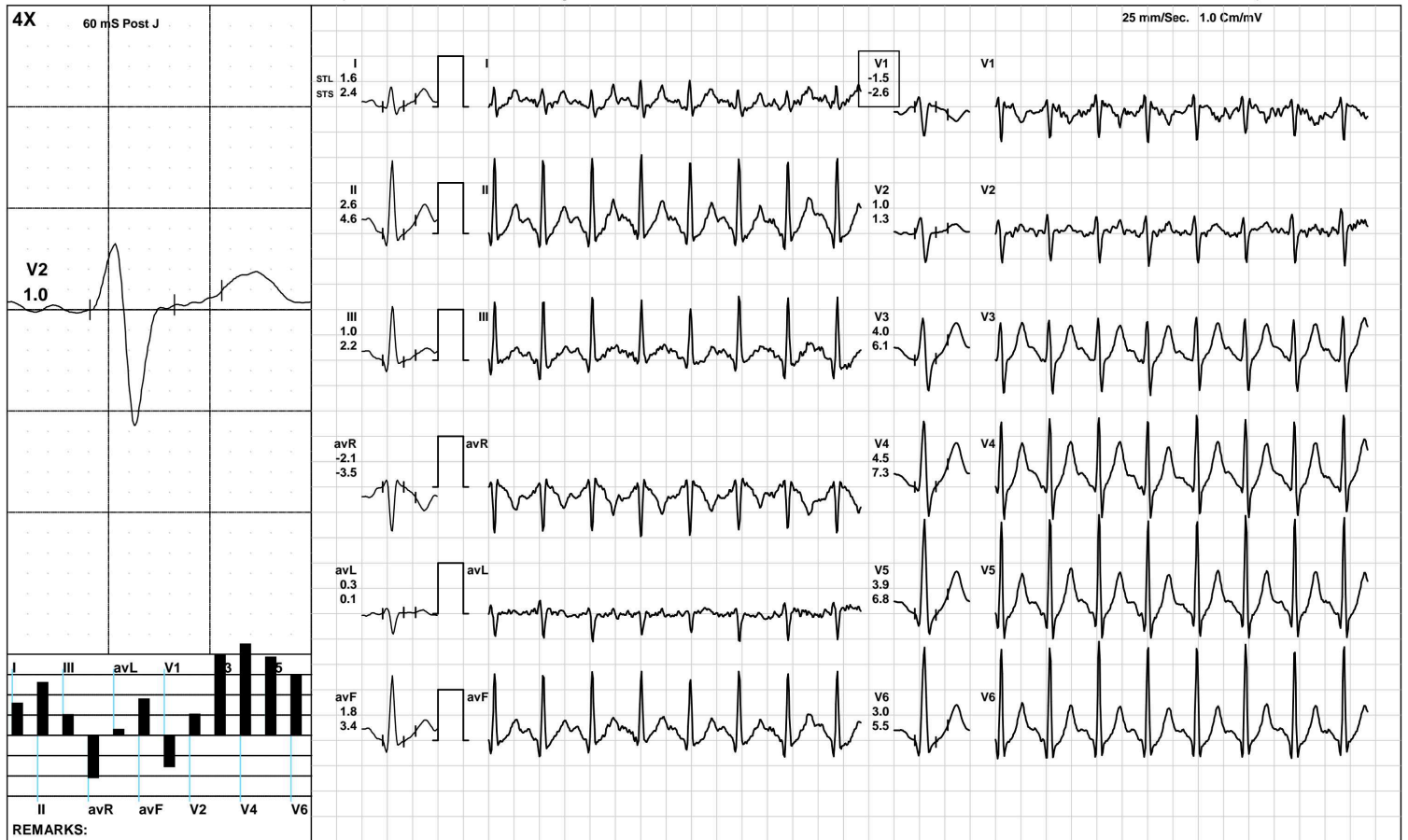
Recovery(4:00)



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 152

Date: 20-Feb-2022 11:20:54 AM METS: 1.0/ 152 bpm 82% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:20 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

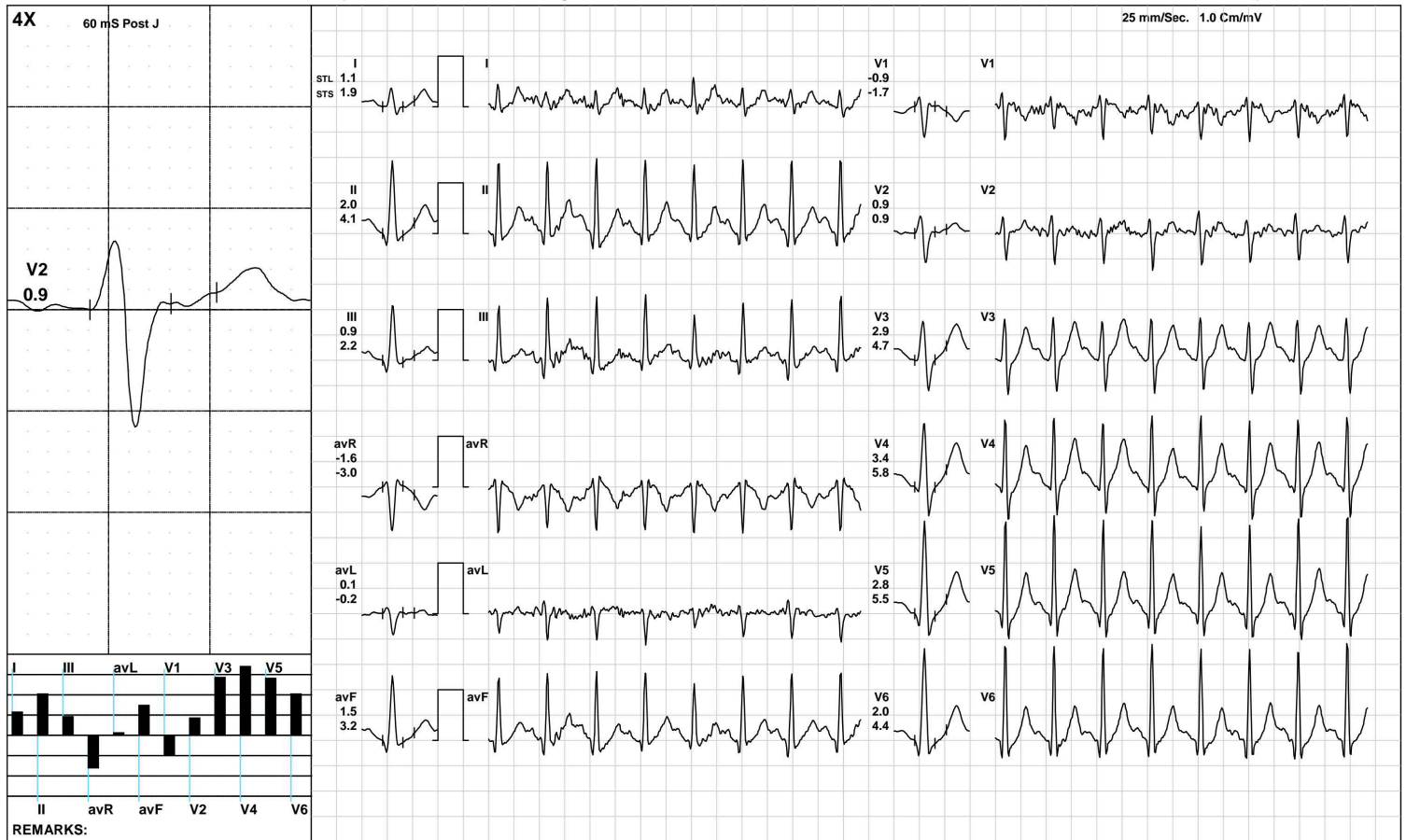
**Recovery(4:01)**



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 152

Date: 20-Feb-2022 11:20:54 AM METS: 1.0/ 152 bpm 82% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:20 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1157 / MR. RAJESH KUMAR / 36 Yrs / M / 175 Cms / 94 Kg / HR : 88

Date: 20-Feb-2022 11:20:54 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	2.5	2.8	0.3	-2.6	1.1	1.5	-1.3	2.4	4.2	4.8	4.5	4.4	2.2	3.0	0.8	-2.6	0.7	1.9	-1.7	1.6	3.4	4.1	4.0	3.8	
60 @mS Standing	1.1	1.3	0.1	-1.2	0.5	0.7	-0.4	1.4	2.3	2.4	2.0	1.6	1.0	1.1	0.1	-1.1	0.5	0.6	-0.7	1.1	1.8	2.0	1.7	1.4	
HV	1.1	1.3	0.1	-1.2	0.5	0.7	-0.4	1.4	2.3	2.4	2.0	1.6	1.0	1.1	0.1	-1.1	0.5	0.6	-0.7	1.1	1.8	2.0	1.7	1.4	
Warm Up	1.7	2.0	0.4	-1.8	0.6	1.2	-0.9	1.8	3.3	3.6	3.2	2.7	1.5	2.0	0.6	-1.8	0.4	1.3	-1.1	1.2	2.7	3.1	2.9	2.5	
ExStart	1.1	1.3	0.1	-1.2	0.6	0.7	-0.4	1.3	3.0	3.1	2.7	2.2	1.1	1.3	0.2	-1.2	0.4	0.7	-0.8	0.9	2.4	2.7	2.4	2.0	
Stage 1	1.1	2.1	1.0	-1.6	0.0	1.5	-1.1	0.5	0.8	1.0	0.8	0.6	1.8	2.2	0.4	-2.0	0.8	1.3	-1.6	1.5	3.0	3.1	3.4	2.8	
Stage 2	1.0	1.2	0.2	-1.1	0.4	0.7	-0.9	0.7	1.5	1.8	1.9	1.5	2.3	3.9	1.5	-3.1	0.3	2.7	-2.3	1.3	4.1	5.1	5.3	4.5	
PeakEx	0.2	0.6	0.4	-0.4	0.1	0.5	-0.6	0.1	0.0	0.2	0.2	0.2	1.4	3.0	1.6	-2.2	-0.1	2.3	-1.5	0.9	3.1	4.0	4.1	3.4	
Recovery	2.1	2.4	0.4	-2.2	0.8	1.4	-1.8	1.2	3.2	3.8	3.5	2.9	3.6	5.4	1.7	-4.6	1.0	3.5	-3.5	2.2	6.0	7.5	7.5	6.2	
Recovery	2.1	3.2	1.0	-2.7	0.6	2.1	-1.9	1.3	4.2	4.9	4.6	3.7	3.6	6.2	2.5	-4.9	0.6	4.4	-3.0	1.6	6.6	8.0	8.0	6.5	
Recovery	1.6	2.6	1.0	-2.1	0.3	1.8	-1.5	1.0	4.0	4.5	3.9	3.0	2.4	4.6	2.2	-3.5	0.1	3.4	-2.6	1.3	6.1	7.3	6.8	5.5	
Recovery	1.6	2.6	1.0	-2.1	0.3	1.8	-1.5	1.0	4.0	4.5	3.9	3.0	2.4	4.6	2.2	-3.5	0.1	3.4	-2.6	1.3	6.1	7.3	6.8	5.5	

		<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	17.4	20.1	2.7	-18.7	7.4	11.5	-8.9	16.8	29.7	33.9	32.5	30.8
	Standing	10.9	13.2	2.4	-12.1	4.2	7.8	-4.7	12.6	20.8	22.6	19.7	16.6
	HV	10.9	13.2	2.4	-12.1	4.2	7.8	-4.7	12.6	20.8	22.6	19.7	16.6
	Warm Up	13.7	18.3	4.7	-15.8	4.6	11.5	-7.4	14.0	26.6	29.4	26.5	23.0
	ExStart	8.9	9.8	0.8	-9.3	5.0	5.3	-4.4	9.8	20.9	21.7	18.8	15.9
	Stage 1	3.9	8.4	4.6	-6.1	-1.2	6.5	-3.8	1.1	-1.1	-0.6	-2.4	-2.2
	Stage 2	0.8	0.0	-0.8	-0.5	1.3	-0.4	-0.7	0.9	-0.6	-1.1	-1.3	-1.2
	PeakEx	-1.9	-3.2	-1.3	2.6	0.6	-2.3	1.1	-1.1	-6.2	-5.9	-6.6	-5.9
	Recovery	4.3	2.2	-1.8	-3.1	2.9	0.2	-2.6	2.4	4.9	5.1	3.1	2.6
	Recovery	4.1	5.9	1.8	-5.1	1.1	3.9	-3.5	3.0	10.0	11.0	9.6	7.5
	Recovery	4.5	6.5	2.0	-5.4	1.3	4.2	-3.3	2.9	11.2	11.7	8.9	6.6
	Recovery	4.5	6.5	2.0	-5.4	1.3	4.2	-3.3	2.9	11.2	11.7	8.9	6.6



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	87	156	64	67	460	187	1686	-871	682	9	V1	-31	0.00	0	0
01 : 00	99	228	62	69	452	255	1748	-877	680	-3	V1	-23	0.00	0	0
01 : 30	107	180	64	67	471	194	1715	-863	723	15	V1	-35	0.00	0	0
02 : 00	121	98	64	69	372	253	1765	-889	530	5	V1	-23	0.00	0	0
02 : 30	132	136	90	73	398	194	1731	-866	355	7	V1	-42	0.00	0	0
03 : 00	138	132	60	82	374	-416	1886	-696	554	69	II	-202	0.00	0	0
03 : 30	144	120	60	74	463	221	1641	-587	430	-300	V5	-13	0.00	0	0
04 : 00	146	116	60	70	375	258	1646	-594	474	-149	III	-203	0.00	0	0
04 : 30	155	120	70	74	435	268	1613	-638	427	-25	V1	-75	0.00	0	0
05 : 00	161	86	-108	77	110	2711	1632	-2394	2773	-2428	III	-2443	0.00	0	0
05 : 30	165	108	60	76	370	322	1578	-765	422	-203	II	-128	0.00	0	0
06 : 00	171	102	90	79	374	329	1538	-757	428	-456	V5	-66	0.00	0	0
06 : 30	175	90	60	78	391	374	1515	-701	478	-219	II	-47	0.00	0	0
07 : 00	177	86	70	80	398	373	1505	-725	477	9	V1	-50	0.00	0	0
07 : 30	176	88	60	79	376	348	1544	-741	507	4	V1	-113	0.00	0	0
08 : 00	185	86	60	82	386	356	1523	-753	533	-266	II	-77	0.00	0	0
08 : 30	190	76	70	80	392	395	1465	-806	457	15	V1	-53	0.00	0	0
09 : 00	191	86	68	82	380	381	1410	-822	487	0	V1	-63	0.00	0	0
09 : 30	180	84	70	79	360	368	1491	-794	604	26	V1	-65	0.00	0	0
10 : 00	172	88	70	77	348	370	1672	-752	761	22	V1	-81	0.00	0	0
10 : 30	169	94	100	77	346	352	1813	-857	809	-39	V1	-256	0.00	0	0
11 : 00	165	92	70	77	347	368	1856	-728	836	15	V1	-82	0.00	0	0
11 : 30	161	82	66	78	346	350	1875	-704	874	1	V1	-101	0.00	0	0
12 : 00	156	112	94	80	324	321	1872	-882	886	2	V1	-198	0.00	0	0
12 : 30	154	84	88	78	345	317	1857	-664	897	-9	V1	-141	0.00	0	0





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

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 info@aarogyamdiagnostics.com  
 www.aarogyamdiagnostics.com

Date	20/02/2022	Srl No.	18	Patient Id	2202200018
Name	Mr. RAJESH KUMAR	Age	36 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
-----------	-------	------	--------------

### 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**  
**MBBS, MD**  
**CONSULTANT PATHOLOGIST**



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

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 9264278360, 9065875700, 8789391403  
 info@aarogyamdiagnostics.com  
 www.aarogyamdiagnostics.com

<b>Date</b>	<b>20/02/2022</b>	<b>Srl No. 18</b>	<b>Patient Id 2202200018</b>
<b>Name</b>	<b>Mr. RAJESH KUMAR</b>	<b>Age 36 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	<b>13.4</b>	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,300	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	59	%	40 - 75
LYMPHOCYTE	36	%	20 - 45
EOSINOPHIL	02	%	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>4.35</b>	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	<b>34.9</b>	%	40 - 54
M C V	80.23	fl.	80 - 100
M C H	30.8	Picogram	27.0 - 31.0
M C H C	<b>38.4</b>	gm/dl	33 - 37
PLATELET COUNT	1.79	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		

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

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



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<b>Date</b>	<b>20/02/2022</b>	<b>Srl No. 18</b>	<b>Patient Id 2202200018</b>
<b>Name</b>	<b>Mr. RAJESH KUMAR</b>	<b>Age 36 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
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### BIOCHEMISTRY

BLOOD SUGAR FASTING	81.3	mg/dl	70 - 110
SERUM CREATININE	0.85	mg%	0.7 - 1.4
BLOOD UREA	24.6	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.2	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			
BILIRUBIN TOTAL	0.59	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.18	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.41	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.8	gm/dl	6.6 - 8.3
ALBUMIN	4.0	gm/dl	3.4 - 5.2
GLOBULIN	2.8	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.429</b>		
SGOT	39.3	IU/L	5 - 40
SGPT	48.6	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	82.2	U/L	40.0 - 130.0
GAMMA GT	24.7	IU/L	8.0 - 71.0

#### **LFT INTERPRET**

### LIPID PROFILE

TRIGLYCERIDES	74.9	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	134.4	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	42.6	mg/dL	35.1 - 88.0
V L D L	14.98	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	76.82	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.155		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.803		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	0.96	ng/ml	0.60 - 1.81
T4	8.75	ug/dl	4.5 - 10.9
Chemiluminescence			
TSH	1.06	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	1.015	
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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