

Bab


(4)

भारत सरकार  
Government of India

अंकित कुमार  
Ankit Kumar  
जन्म तिथि/ DOB: 10/02/1989  
पुरुष / MALE

7338 0204 3241

मेरा आधार, मेरी पहचान





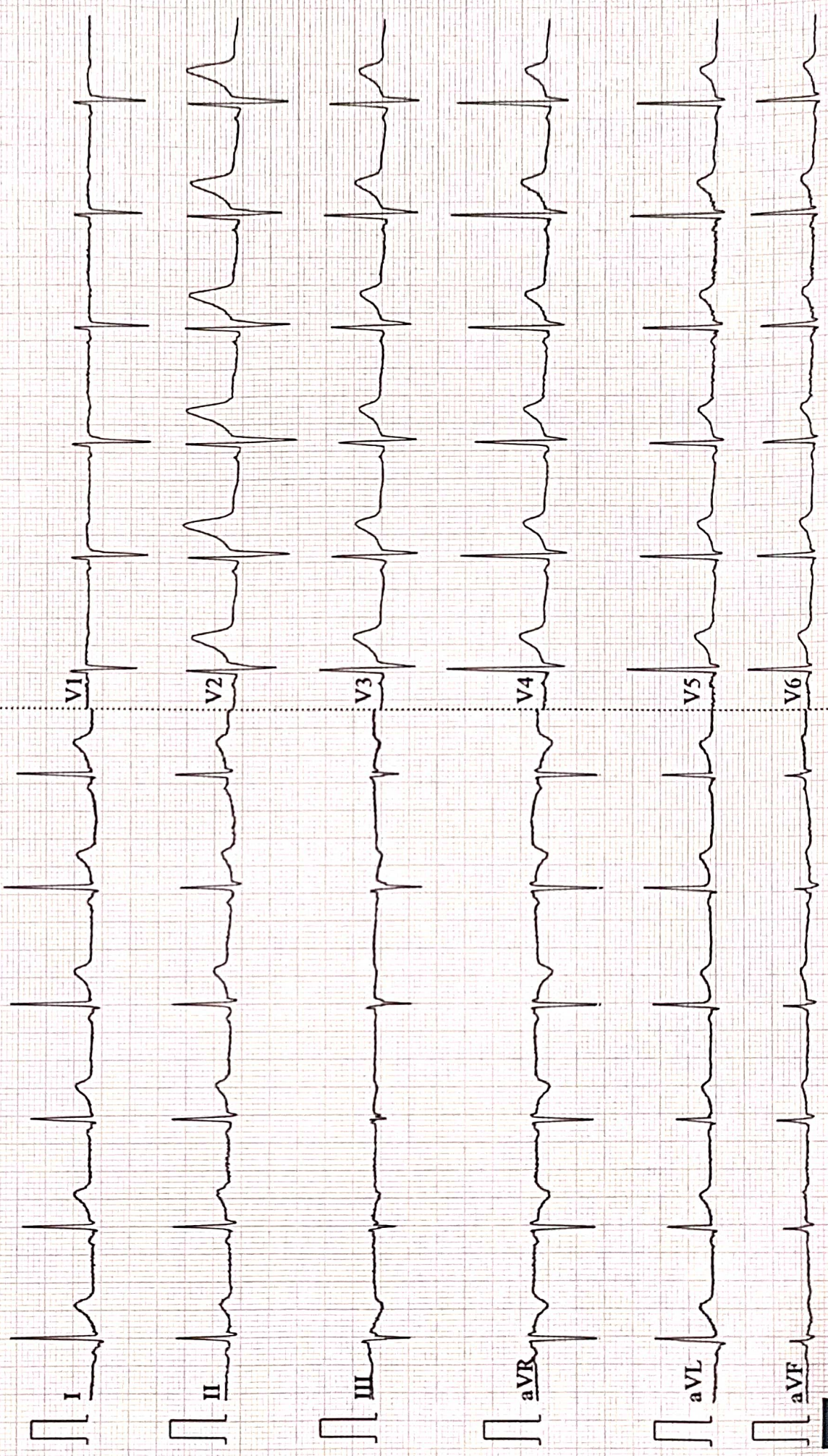
08-09-2023 10:29:32 AM

ID: 59  
ANKIT KUMAR  
Male 34Years

Diagnosis Information:  
Sinus Rhythm  
Short PR Interval

HR : 73 bpm  
P : 83 ms  
PR : 109 ms  
QRS : 86 ms  
QT/QTc : 362/401 ms  
P/QRS/T : 16/6/16 °  
RV5/SV1 : 1.370/0.994 mV

Ref-Phys:   
Report Confirmed by:





**AAROGYAM DIAGNOSTICS**  
**PATNA**

**Report**



(GEM212170906)(R)Kardic by Allengers

2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg Date: 08-Sep-2023 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	79	42 %	110/80	086	00	
Standing	00:09	0:01	00.0	00.0	01.0	77	41 %	110/80	084	00	
HV	00:25	0:01	00.0	00.0	01.0	088	47 %	110/80	096	00	
Warm Up	00:39	0:01	01.0	00.0	01.0	080	43 %	110/80	088	00	
ExStart	01:05	0:06	01.7	10.0	01.1	104	56 %	110/80	114	00	
BRUCE/ Stage 1	04:05	3:00	01.7	10.0	04.7	118	63 %	115/85	135	00	
BRUCE/ Stage 2	07:05	3:00	02.5	12.0	07.1	123	66 %	120/90	147	00	
BRUCE/ Stage 3	10:05	3:00	03.4	14.0	10.2	146	78 %	125/95	182	00	
PeakEx	10:13	0:08	04.2	16.0	10.4	152	82 %	125/95	190	00	
Recovery	11:12	1:00	01.1	00.0	04.3	132	71 %	120/90	158	00	
Recovery	12:12	2:00	01.1	00.0	01.0	119	64 %	115/85	136	00	
Recovery	13:39	3:26	01.1	00.0	01.0	119	64 %	110/80	130	00	

**Findings :**

Exercise Time : 09:09  
Max HR Attained : 176 bpm 95% of Target 186  
Max BP Attained : (Sys) 125/95  
Max WorkLoad Attained : 10.4 Good response to induced stress  
Max ST Dep Lead & Value : V1 & -3.5 mm in Stage 1 mm  
Test End Reasons : Test Complete

**Report :**

**AAROGYAM DIAGNOSTICS**

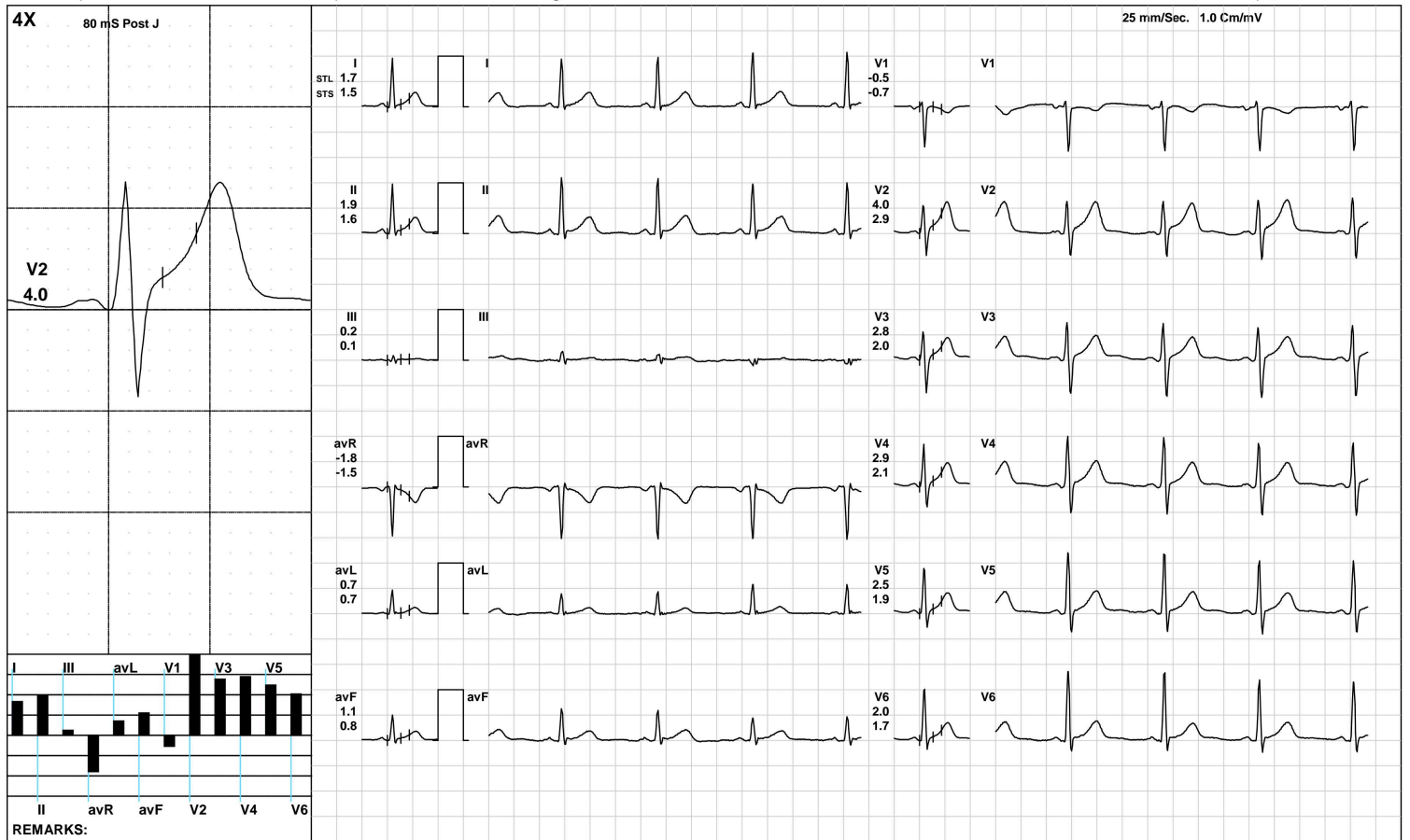
Supine



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 79

Date: 08-Sep-2023 11:31:53 AM METS: 1.0/ 79 bpm 42% 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**

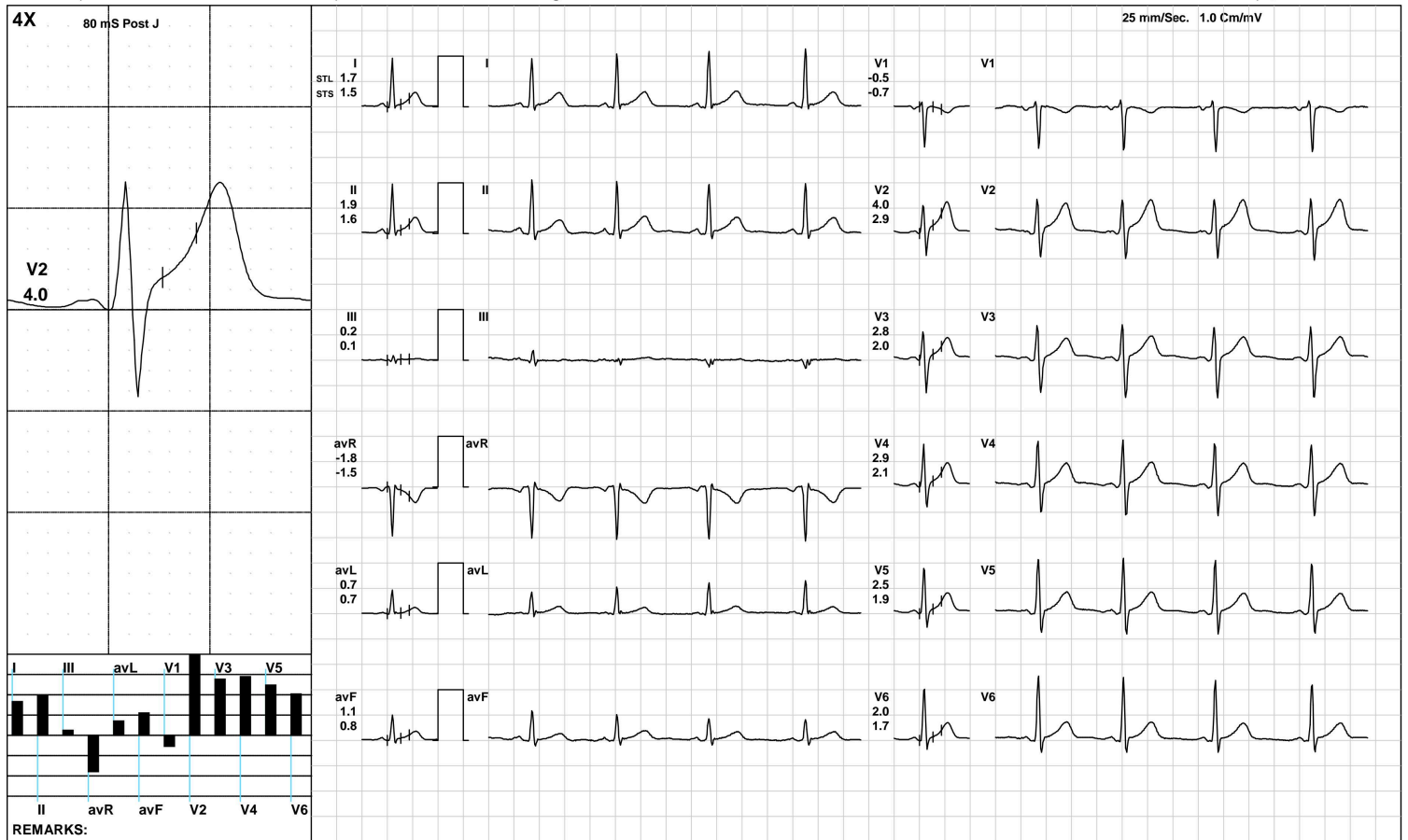
Standing



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 77

Date: 08-Sep-2023 11:31:53 AM METS: 1.0/ 77 bpm 41% of THR BP: 110/80 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**

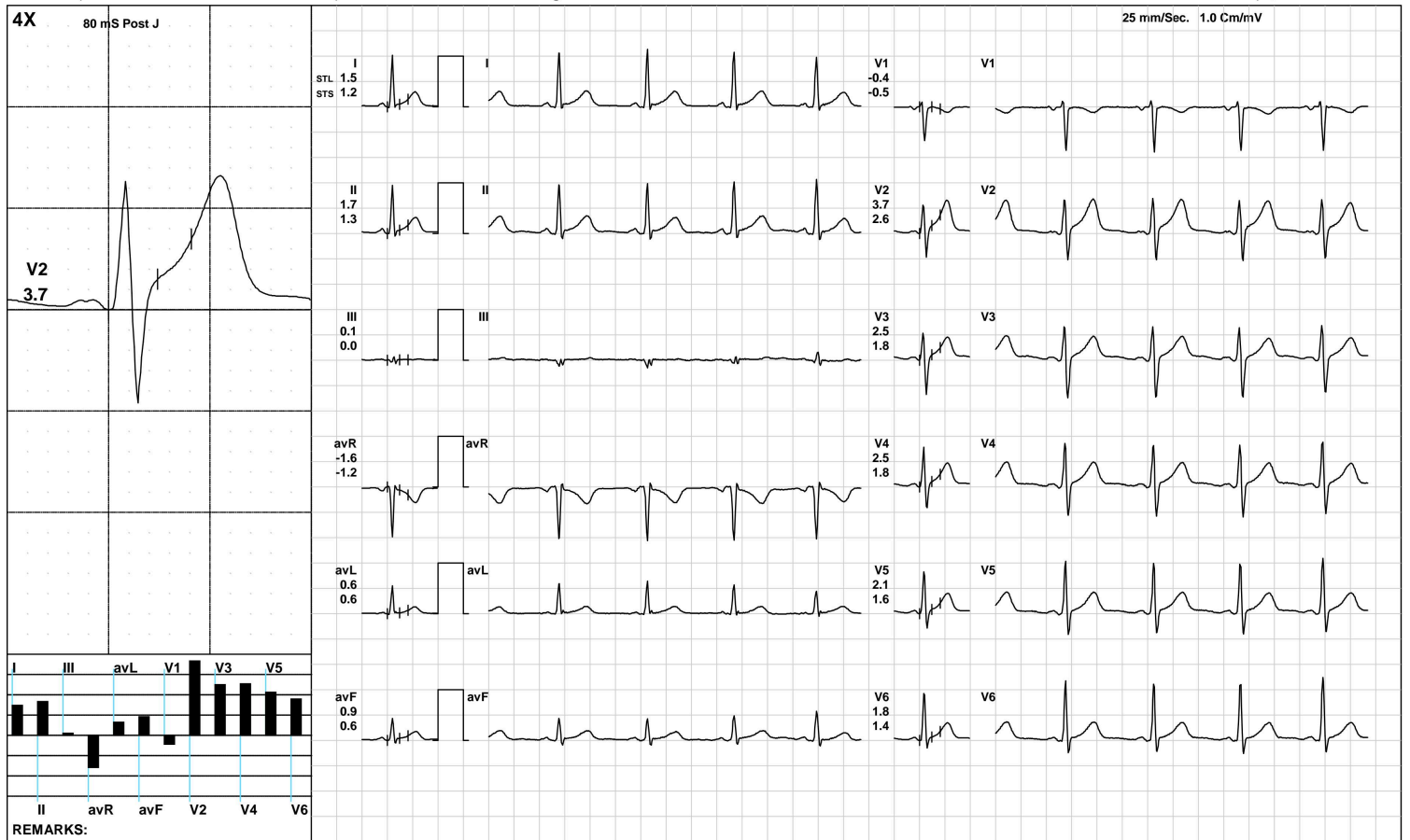
HV



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 88

Date: 08-Sep-2023 11:31:53 AM METS: 1.0/ 88 bpm 47% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:25 0.0 mph, 0.0%





**AAROGYAM DIAGNOSTICS**

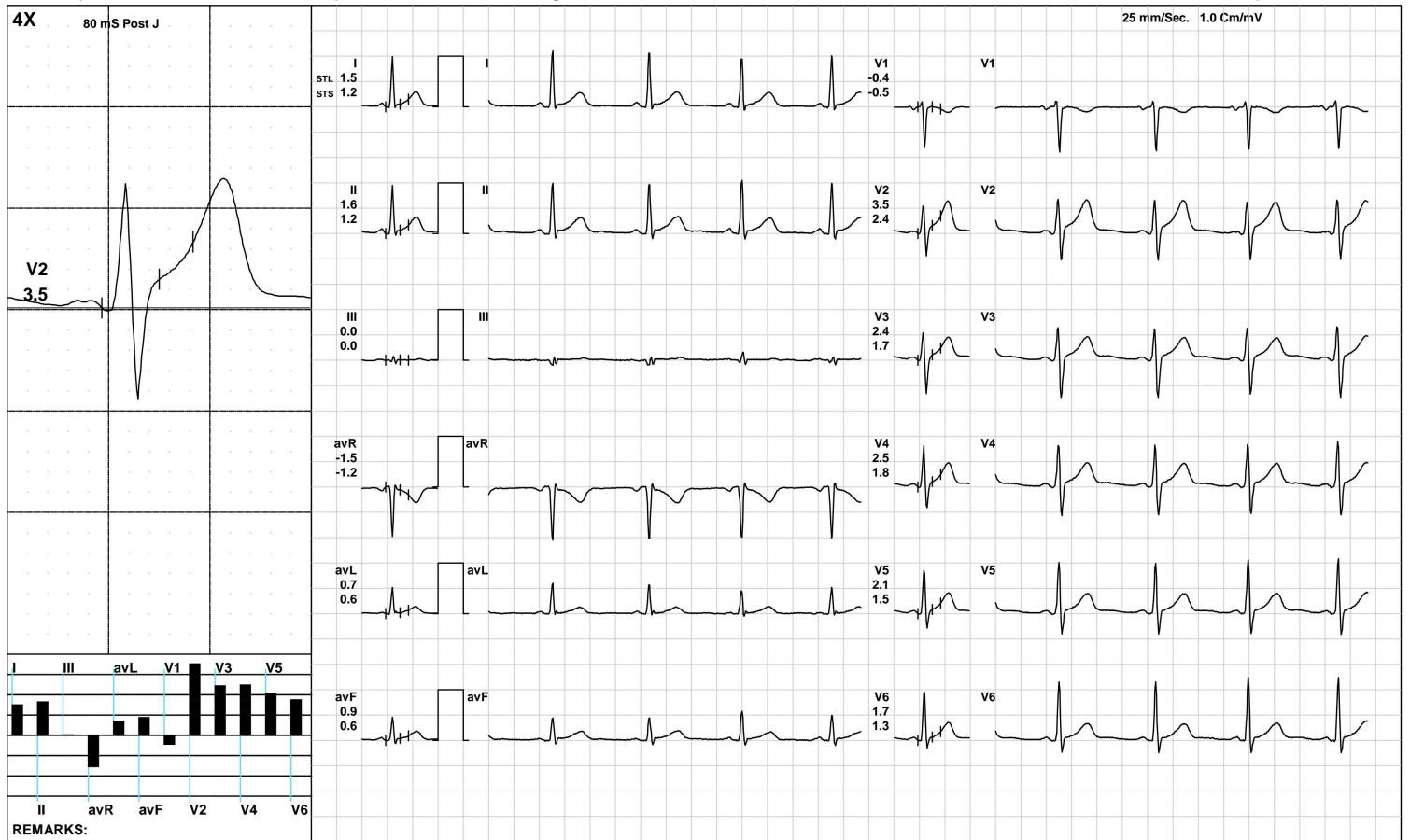
Warm Up



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 80

Date: 08-Sep-2023 11:31:53 AM METS: 1.0/ 80 bpm 43% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:39 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

ExStart



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 104

Date: 08-Sep-2023 11:31:53 AM METS: 1.1/ 104 bpm 55% 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)**



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 118

Date: 08-Sep-2023 11:31:53 AM METS: 4.7/ 118 bpm 63% of THR BP: 115/85 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**

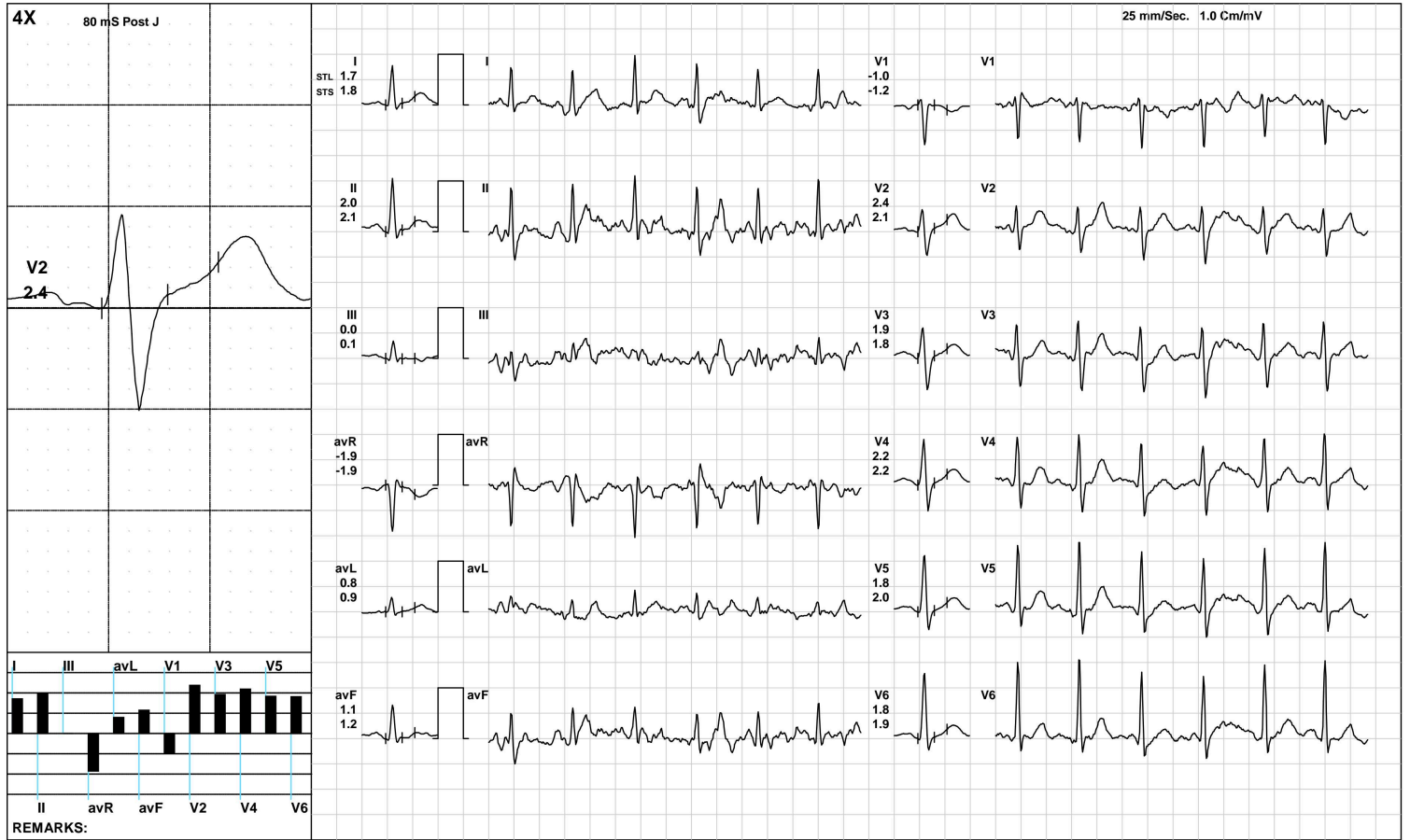
**BRUCE/:Stage 2(3:00)**



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 123

Date: 08-Sep-2023 11:31:53 AM METS: 7.1/ 123 bpm 66% of THR BP: 120/90 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

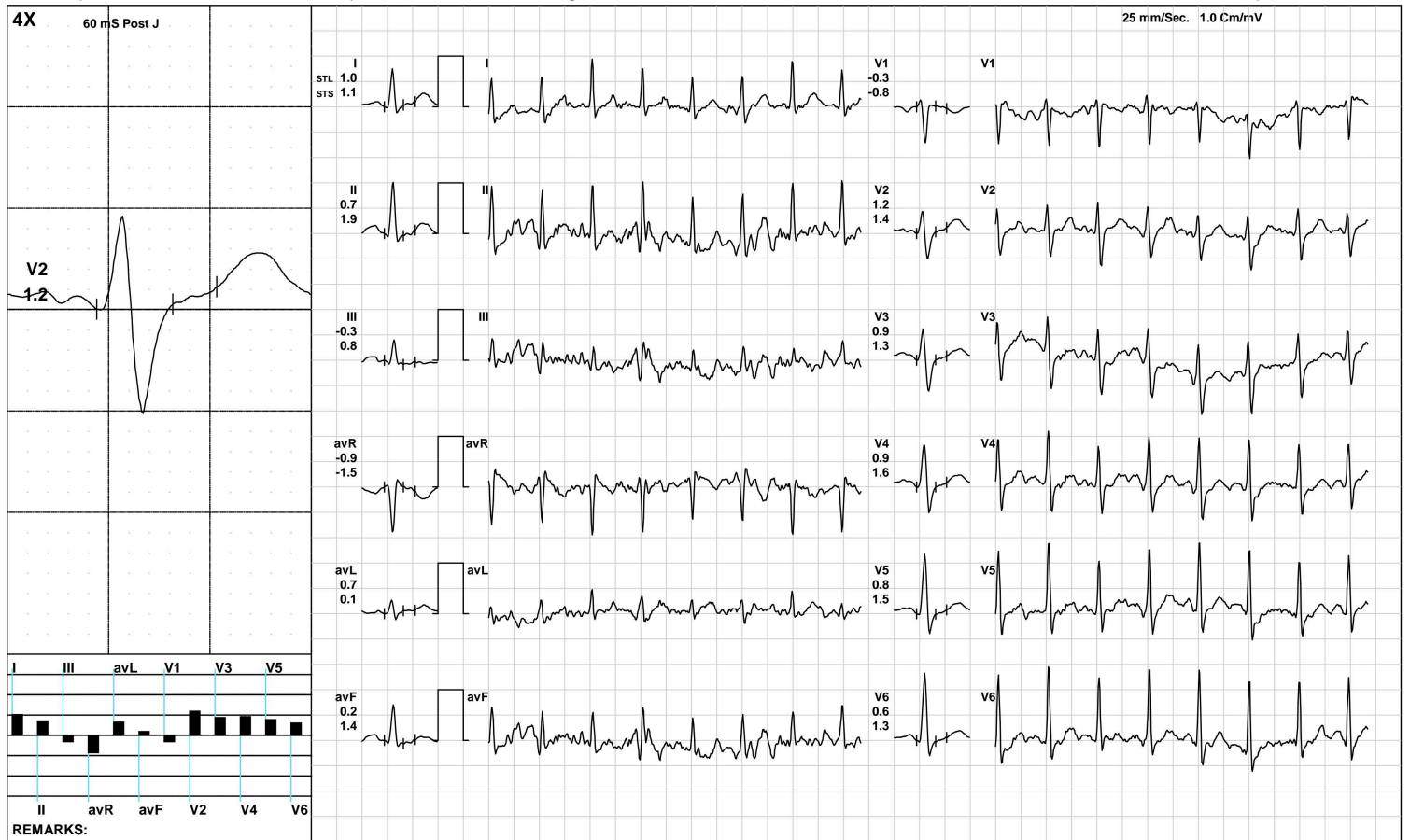




2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 146

Date: 08-Sep-2023 11:31:53 AM METS: 10.2/ 146 bpm 78% of THR BP: 125/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%



**AAROGYAM DIAGNOSTICS**

**PeakEx**



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 152

Date: 08-Sep-2023 11:31:53 AM METS: 10.4/ 152 bpm 81% of THR BP: 125/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:08 4.2 mph, 16.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

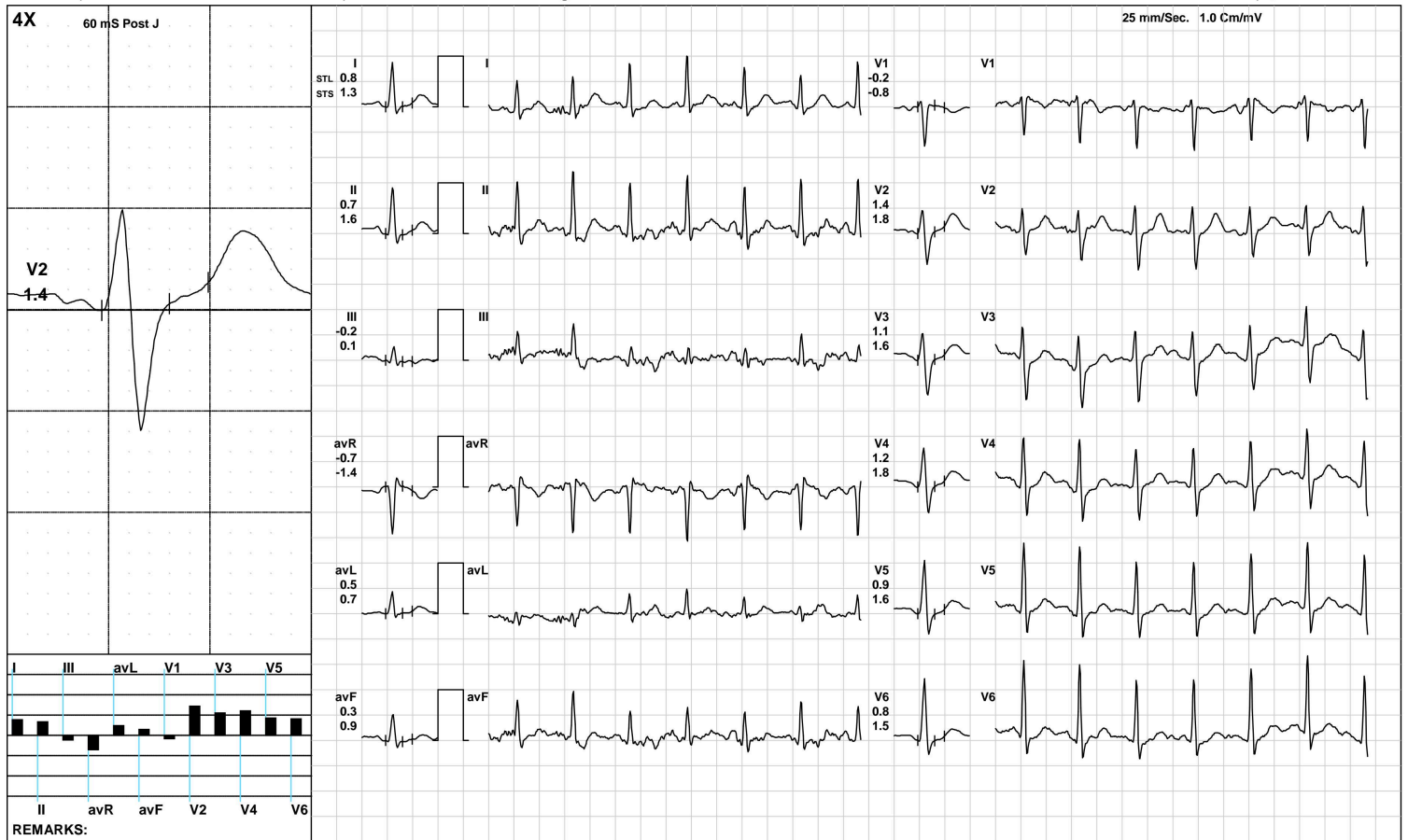
Recovery(1:00)



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 132

Date: 08-Sep-2023 11:31:53 AM METS: 4.3/ 132 bpm 70% of THR BP: 120/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:09 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

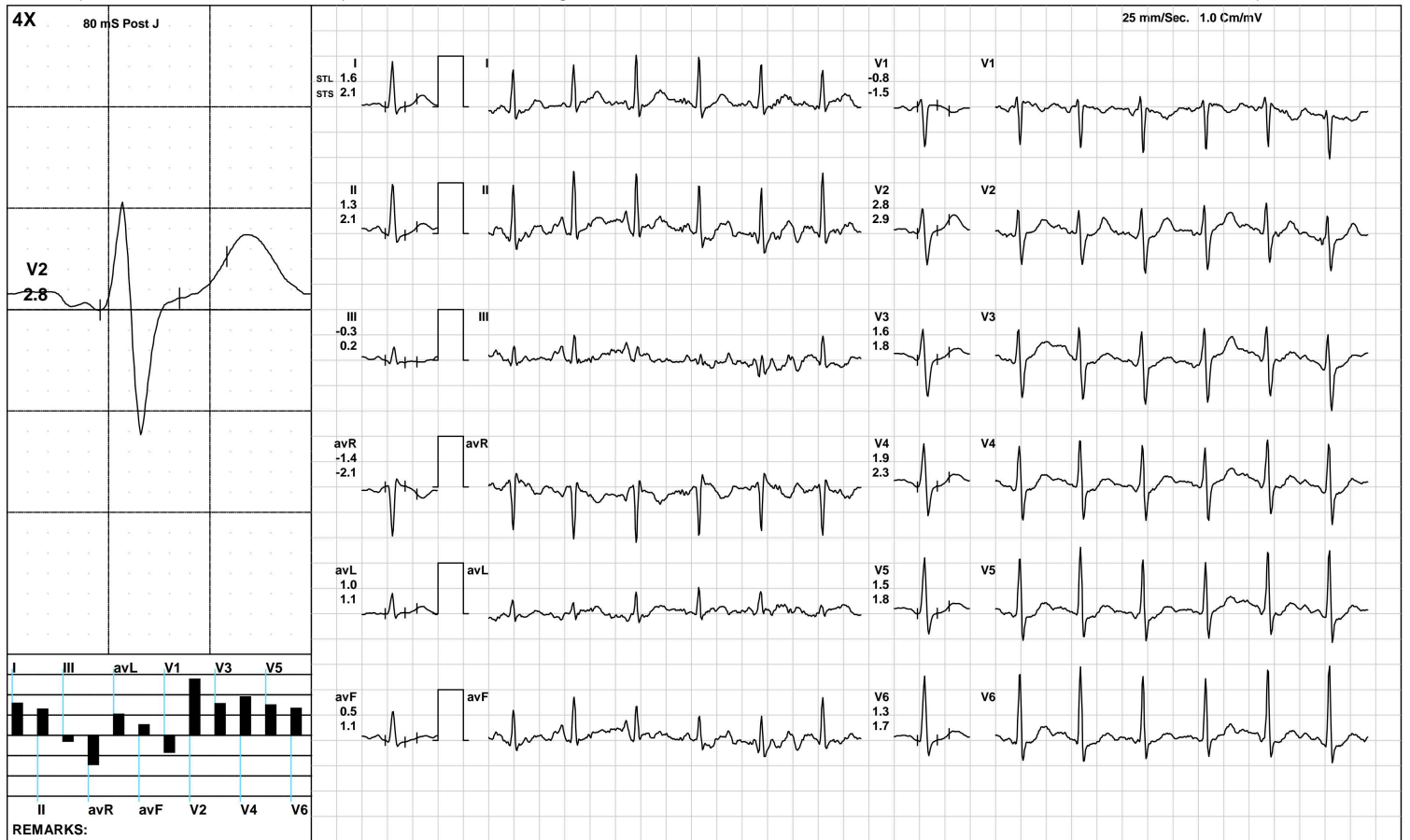
Recovery(2:00)



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 119

Date: 08-Sep-2023 11:31:53 AM METS: 1.0/ 119 bpm 63% of THR BP: 115/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:09 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

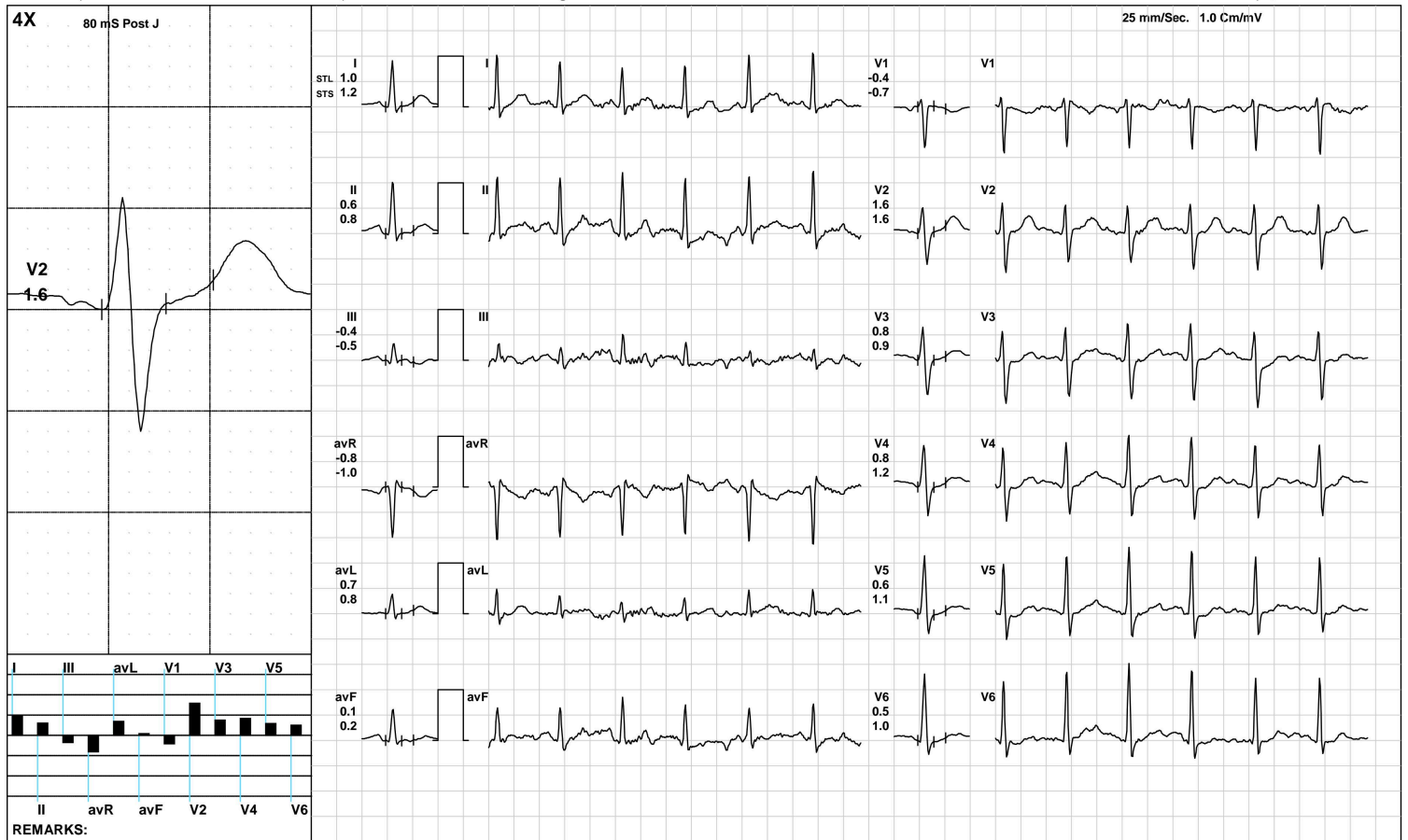
Recovery(3:26)



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 119

Date: 08-Sep-2023 11:31:53 AM METS: 1.0/ 119 bpm 63% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:09 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



2234 / MR. ANKIT KUMAR / 34 Yrs / M / 167 Cms / 76 Kg / HR : 83

Date: 08-Sep-2023 11:31:53 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	1.7	1.9	0.2	-1.8	0.7	1.1	-0.5	4.0	2.8	2.9	2.5	2.0	1.5	1.6	0.1	-1.5	0.7	0.8	-0.7	2.9	2.0	2.1	1.9	1.7	
80 @mS Standing	1.7	1.9	0.2	-1.8	0.7	1.1	-0.5	4.0	2.8	2.9	2.5	2.0	1.5	1.6	0.1	-1.5	0.7	0.8	-0.7	2.9	2.0	2.1	1.9	1.7	
HV	1.5	1.7	0.1	-1.6	0.6	0.9	-0.4	3.7	2.5	2.5	2.1	1.8	1.2	1.3	0.0	-1.2	0.6	0.6	-0.5	2.6	1.8	1.8	1.6	1.4	
Warm Up	1.5	1.6	0.0	-1.5	0.7	0.9	-0.4	3.5	2.4	2.5	2.1	1.7	1.2	1.2	0.0	-1.2	0.6	0.6	-0.5	2.4	1.7	1.8	1.5	1.3	
ExStart	1.3	1.2	-0.1	-1.3	-0.1	1.0	-0.8	3.0	2.8	2.9	2.5	1.9	1.0	-0.1	-0.3	-0.5	1.0	-1.0	-0.5	2.5	2.3	2.5	2.3	2.3	
Stage 1	1.8	0.8	4.0	-1.3	-1.0	-2.1	-3.5	1.1	5.6	5.6	4.5	4.2	1.6	1.0	-2.6	-1.3	1.7	0.2	0.1	4.1	2.3	3.0	2.7	2.6	
Stage 2	1.7	2.0	0.0	-1.9	0.8	1.1	-1.0	2.4	1.9	2.2	1.8	1.8	1.8	2.1	0.1	-1.9	0.9	1.2	-1.2	2.1	1.8	2.2	2.0	1.9	
Stage 3	1.0	0.7	-0.3	-0.9	0.7	0.2	-0.3	1.2	0.9	0.9	0.8	0.6	1.1	1.9	0.8	-1.5	0.1	1.4	-0.8	1.4	1.3	1.6	1.5	1.3	
PeakEx	1.0	-0.8	-2.2	-0.1	1.3	-1.3	-0.2	1.6	0.6	0.9	0.9	0.9	1.3	0.8	-0.5	-1.0	0.5	0.2	-0.6	2.2	1.5	1.8	1.4	1.1	
Recovery	0.8	0.7	-0.2	-0.7	0.5	0.3	-0.2	1.4	1.1	1.2	0.9	0.8	1.3	1.6	0.1	-1.4	0.7	0.9	-0.8	1.8	1.6	1.8	1.6	1.5	
Recovery	1.6	1.3	-0.3	-1.4	1.0	0.5	-0.8	2.8	1.6	1.9	1.5	1.3	2.1	2.1	0.2	-2.1	1.1	1.1	-1.5	2.9	1.8	2.3	1.8	1.7	
Recovery	1.0	0.6	-0.4	-0.8	0.7	0.1	-0.4	1.6	0.8	0.8	0.6	0.5	1.2	0.8	-0.5	-1.0	0.8	0.2	-0.7	1.6	0.9	1.2	1.1	1.0	

		<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	13.6	15.8	2.0	-14.7	5.6	9.0	-4.5	31.8	22.7	23.9	20.3	16.8
	Standing	13.6	15.8	2.0	-14.7	5.6	9.0	-4.5	31.8	22.7	23.9	20.3	16.8
	HV	13.0	14.6	0.9	-13.8	5.8	8.0	-4.0	31.4	21.6	22.0	18.3	15.5
	Warm Up	13.2	14.5	0.5	-13.6	6.0	7.9	-4.0	30.3	21.1	21.6	18.2	15.4
	ExStart	9.8	12.0	0.9	-10.8	-2.1	10.6	-7.0	21.1	20.3	21.4	18.5	13.3
	Stage 1	9.5	5.1	34.7	-7.2	-12.3	-13.8	-26.1	-0.5	35.6	34.2	26.7	24.5
	Stage 2	8.8	9.1	-0.5	-8.9	4.1	4.7	-4.0	13.5	10.7	11.7	9.7	9.5
	Stage 3	3.9	0.3	-3.7	-2.2	3.8	-1.8	-0.3	4.4	2.9	2.7	1.8	1.2
	PeakEx	3.7	-3.5	-9.5	0.0	6.1	-5.6	-1.2	5.8	0.6	2.3	2.6	2.9
	Recovery	2.8	1.5	-1.6	-2.1	1.9	0.1	0.1	6.1	4.3	4.7	2.8	2.7
	Recovery	6.6	4.9	-2.1	-5.8	4.8	1.6	-2.8	13.6	7.2	8.4	6.5	5.8
	Recovery	5.8	3.2	-1.9	-4.5	4.0	0.2	-2.0	9.7	4.6	4.4	2.7	2.0



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	77	244	72	23	444	97	1172	-867	646	-22	V1	-20	0.00	0	0
01:00	101	164	72	28	365	327	1423	-942	586	-117	III	-314	0.00	0	0
01:30	109	132	48	20	464	-274	1495	-974	561	-154	III	-112	0.00	0	0
02:00	114	164	70	41	464	211	1437	-876	-482	131	avF	-191	0.00	0	0
02:30	122	164	46	13	144	221	1491	-963	-603	13	V1	-107	0.00	0	0
03:00	118	158	46	37	137	850	1418	-1336	-567	-14	V1	-71	0.00	0	0
03:30	118	166	72	47	469	190	1502	-882	452	-90	III	-66	0.00	0	0
04:00	117	56	62	-89	320	4056	4242	-3976	4174	-3934	V1	-3972	0.00	0	0
04:30	127	150	60	40	461	416	1437	-902	-496	121	avF	-54	0.00	0	0
05:00	119	144	62	36	424	176	1408	-918	421	-3	V1	-90	0.00	0	0
05:30	126	124	70	42	417	130	1377	-823	425	-3	V1	-48	0.00	0	0
06:00	117	26	60	39	329	-1346	1407	-832	386	24	III	-89	0.00	0	0
06:30	123	108	48	40	133	172	1409	-941	-557	106	III	-83	0.00	0	0
07:00	129	76	46	43	133	143	1408	-928	-535	142	avF	-33	0.00	0	0
07:30	141	82	100	43	451	162	1518	-933	291	-23	V1	-69	0.00	0	0
08:00	142	114	106	46	446	194	1387	-900	283	-140	III	-121	0.00	0	0
08:30	145	116	70	48	349	168	1338	-925	303	-7	V1	-96	0.00	0	0
09:00	154	112	98	256	357	3427	3442	-2924	3377	-2938	V2	-2923	0.00	0	0
09:30	143	118	70	44	424	158	1334	-900	324	-89	III	-110	0.00	0	0
10:00	146	64	70	36	335	166	1319	-941	293	-74	III	-65	0.00	0	0
10:30	140	110	70	47	351	155	1301	-904	300	-15	V1	-87	0.00	0	0
11:00	132	78	70	29	320	172	1228	-918	374	-109	III	-21	0.00	0	0
11:30	126	146	72	34	454	170	1265	-822	389	-64	III	-60	0.00	0	0
12:00	123	150	62	43	329	143	1294	-980	-633	-102	III	-37	0.00	0	0
12:30	117	154	62	31	322	159	1240	-962	357	-6	V1	-71	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)	JRR Var (%)	VEB (Counts)	Missed Beats (Counts)
13:00	125	160	46	36	141	146	1354	-1018	-614	-100	III	-46	0.00	0	0
13:30	116	62	64	38	483	158	1318	-1009	341	13	V1	-46	0.00	0	0



ISO 9001 : 2015

# AAROGYAM DIAGNOSTICS

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

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<b>Date</b>	<b>08/09/2023</b>	<b>Srl No.</b>	<b>7</b>	<b>Patient Id</b>	<b>2309080007</b>
<b>Name</b>	<b>Mr. ANKIT 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
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**



ISO 9001 : 2015  
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<b>Date</b>	<b>08/09/2023</b>	<b>Srl No. 7</b>	<b>Patient Id 2309080007</b>
<b>Name</b>	<b>Mr. ANKIT 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)	14.0	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	5,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	66	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	02	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	13	mm/1st hr.	0 - 15
R B C COUNT	4.72	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	42	%	40 - 54
M C V	88.98	fl.	80 - 100
M C H	29.66	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.46	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	74.1	mg/dl	70 - 110
SERUM CREATININE	0.89	mg%	0.7 - 1.4
BLOOD UREA	19.5	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.0	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



<b>Date</b>	<b>08/09/2023</b>	<b>Srl No. 7</b>	<b>Patient Id 2309080007</b>
<b>Name</b>	<b>Mr. ANKIT KUMAR</b>	<b>Age 34 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.67	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.28	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.39	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.2	gm/dl	6.6 - 8.3
ALBUMIN	4.2	gm/dl	3.4 - 5.2
GLOBULIN	3	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.4</b>		
SGOT	<b>79.8</b>	IU/L	5 - 40
SGPT	<b>94.9</b>	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	75.4	U/L	40.0 - 130.0
GAMMA GT	23.1	IU/L	8.0 - 71.0

#### LFT INTERPRET

#### LIPID PROFILE

TRIGLYCERIDES	120.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	143.4	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	53.8	mg/dL	35.1 - 88.0
V L D L	<b>24.1</b>	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	65.5	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.665		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.217		0.00 - 3.55
THYROID PROFILE			
T3	0.97	ng/ml	0.60 - 1.81





ISO 9001 : 2015

# AAROGYAM DIAGNOSTICS

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

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<b>Date</b>	<b>08/09/2023</b>	<b>Srl No.</b>	<b>7</b>	<b>Patient Id</b>	<b>2309080007</b>
<b>Name</b>	<b>Mr. ANKIT 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
T4 Chemiluminescence	8.26	ug/dl	4.5 - 10.9
TSH Chemiluminescence	2.428	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	



<b>Date</b>	<b>08/09/2023</b>	<b>Srl No.</b>	<b>7</b>	<b>Patient Id</b>	<b>2309080007</b>
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<b>Ref. By</b>	<b>Dr.BOB</b>				

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 \*\*\*\*

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



Name :- ANKIT KUMAR  
Pt's ID :- 18/40161  
Refd by :- CORP

Age/Sex:- Yrs/M  
Date :-08/09/23

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- **Enlarged in size (17.5cm)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.  
Wall appears normal thickness.
- 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 10.1cm and Left Kidney measures 10.3cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (10.8cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Hepatomegaly with Grade I-II Fatty Changes Liver.  
Otherwise Normal Scan.*

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