

91  
175

**B** बैंक ऑफ़ बड़ोदा  
**Bank of Baroda**

नाम: MANTU KUMAR  
Name: \_\_\_\_\_

कर्मचारी क्र. 123487 Age 41yr  
E.C. No.: \_\_\_\_\_

जारीकर्ता अधिकारी  
Issuing Authority

हस्ताक्षर  
Signature

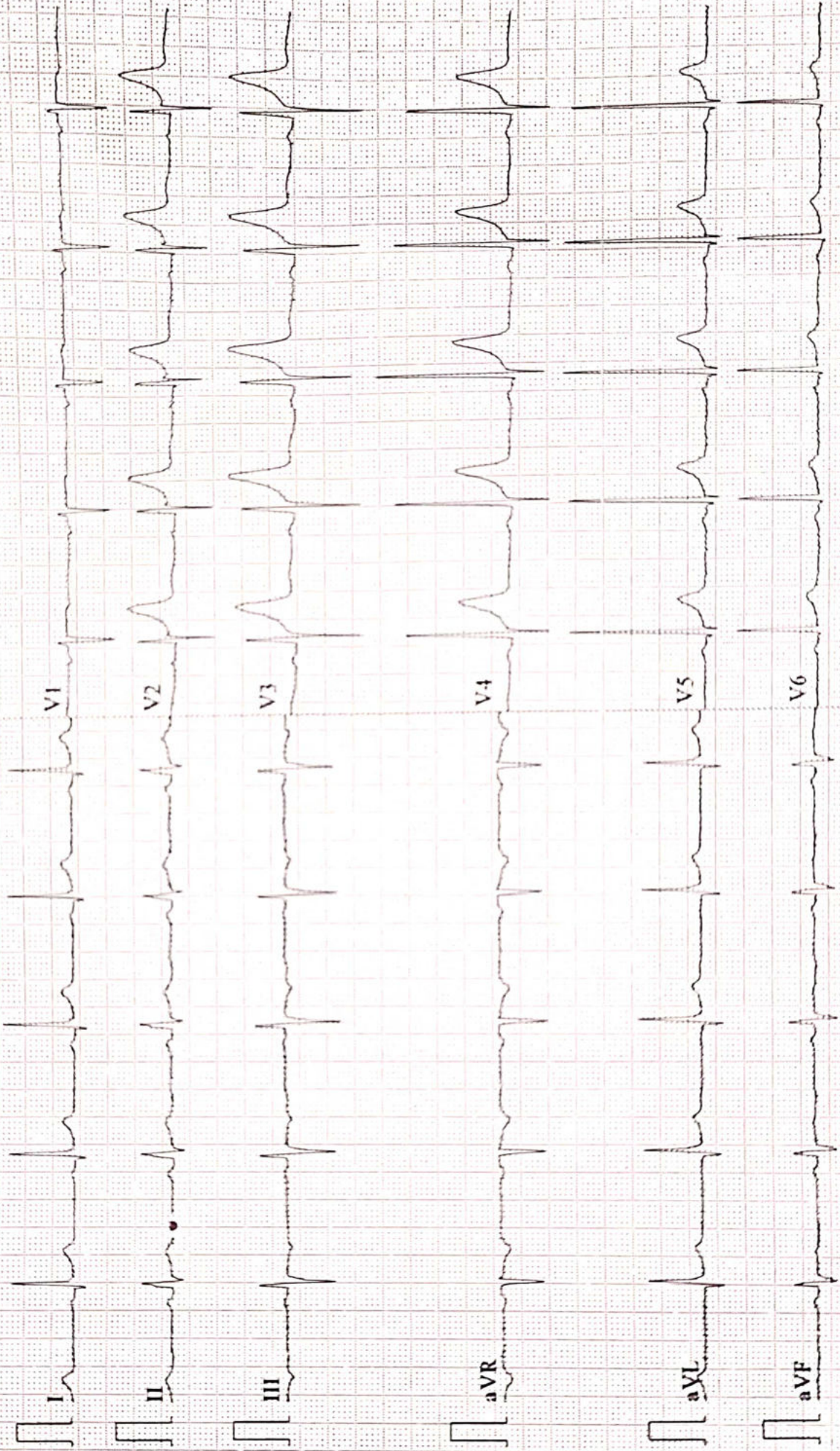
+

ID: 017  
MANTU KUMAR  
Male 41Years

Diagnosis Information:  
Sinus Rhythm  
Prolonged P-wave

HR : 63 bpm  
P : 112 ms  
PR : 162 ms  
QRS : 89 ms  
QT/QTc : 367/378 ms  
P/QRS/T : 54/7/10 °  
RV5/SV1 : 2.477/0.780 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 Malahl Pakari Chowk, Kankarbagh, Patna-20  
9264278360, 9065875700, 8789391403  
info@aarogyamdiagnostics.com  
www.aarogyamdiagnostics.com

Name :- Mantu Kumar  
Pt's ID :- 18/40037  
Refd by :- corp

Age/Sex:-41Yrs/M  
Date :-25/02/23

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Enlarged in size (16.3cm) with raised echotexture. No focal 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 (10.4cm) 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 10.6cm and Left Kidney measures 10.1cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder** :- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (11.0cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Hepatomegaly With Grade I Fatty Liver.  
Otherwise Normal Scan.*

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



1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg Date: 25-Feb-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	88	49 %	100/70	088	00	
Standing	00:09	0:01	00.0	00.0	01.0	94	53 %	100/70	094	00	
HV	00:23	0:01	00.0	00.0	01.0	090	51 %	100/70	090	00	
Warm Up	00:48	0:01	01.0	00.0	01.0	079	44 %	100/70	079	00	
ExStart	01:06	0:06	01.7	10.0	01.1	112	63 %	100/70	112	00	
BRUCE/ Stage 1	04:06	3:00	01.7	10.0	04.7	138	78 %	105/75	144	00	
BRUCE/ Stage 2	07:06	3:00	02.5	12.0	07.1	158	89 %	110/80	173	00	
BRUCE/ Stage 3	10:06	3:00	03.4	14.0	10.2	185	104 %	115/85	212	00	
PeakEx	10:07	3:00	03.4	14.0	10.2	185	104 %	115/85	212	00	
Recovery	11:06	1:00	01.1	00.0	04.3	165	93 %	110/80	181	00	
Recovery	12:06	2:00	01.1	00.0	01.0	143	80 %	110/80	157	00	
Recovery	13:35	3:28	01.1	00.0	01.0	132	74 %	100/70	132	00	

**Findings :**

Exercise Time : 09:02  
 Max HR Attained : 185 bpm 104% of Target 178  
 Max BP Attained : (Sys) 115/85  
 Max WorkLoad Attained : 10.2 Good response to induced stress  
 Max ST Dep Lead & Value : V1 & -0.9 mm in Stage 1 mm  
 Test End Reasons : Leg Pain

**Report :**

Aarogyam Diagnostics

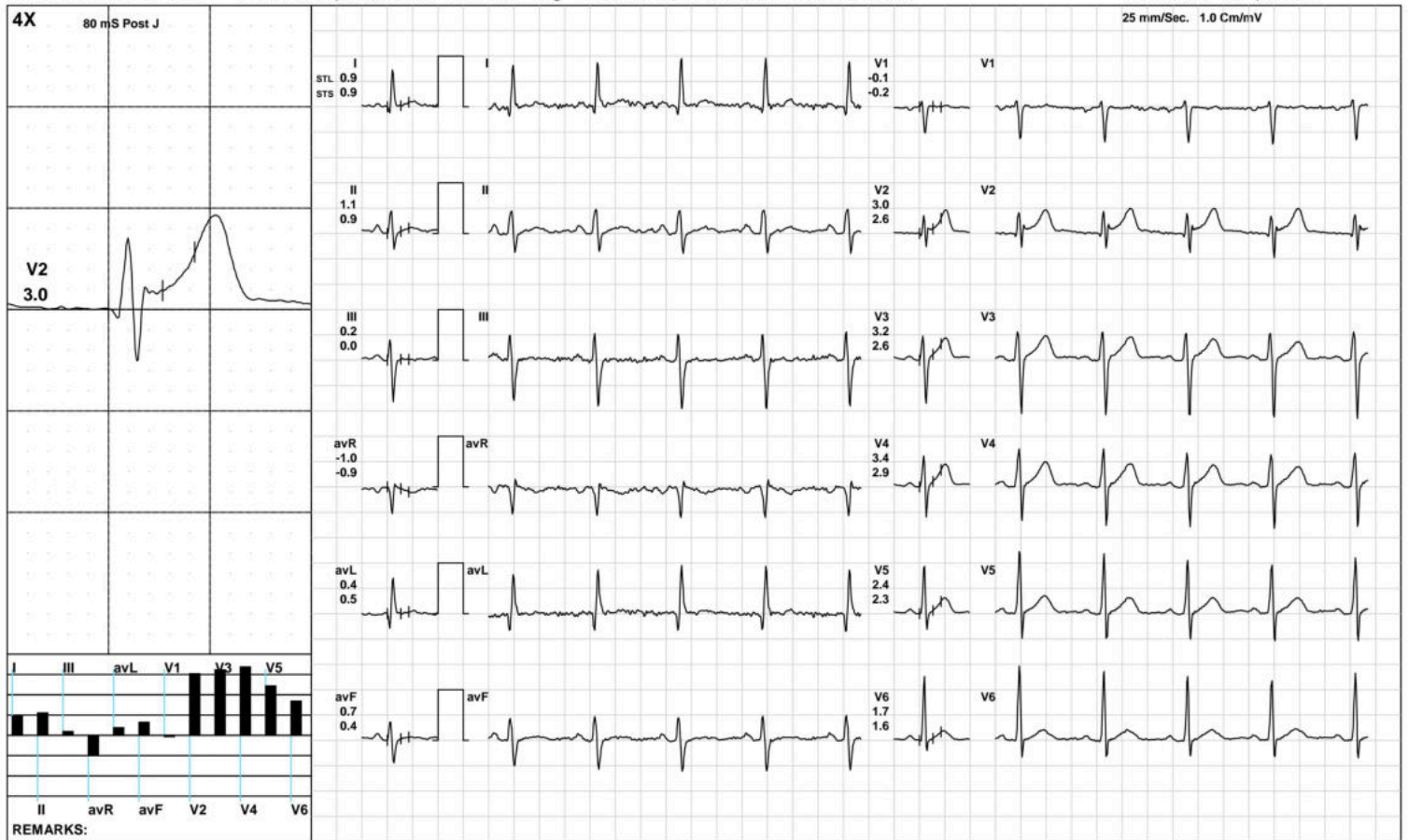
Supine



1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 88

Date: 25-Feb-2023 12:53:02 PM METS: 1.0/ 88 bpm 49% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:03 0.0 mph, 0.0%



**Aarogam Diagnostics**

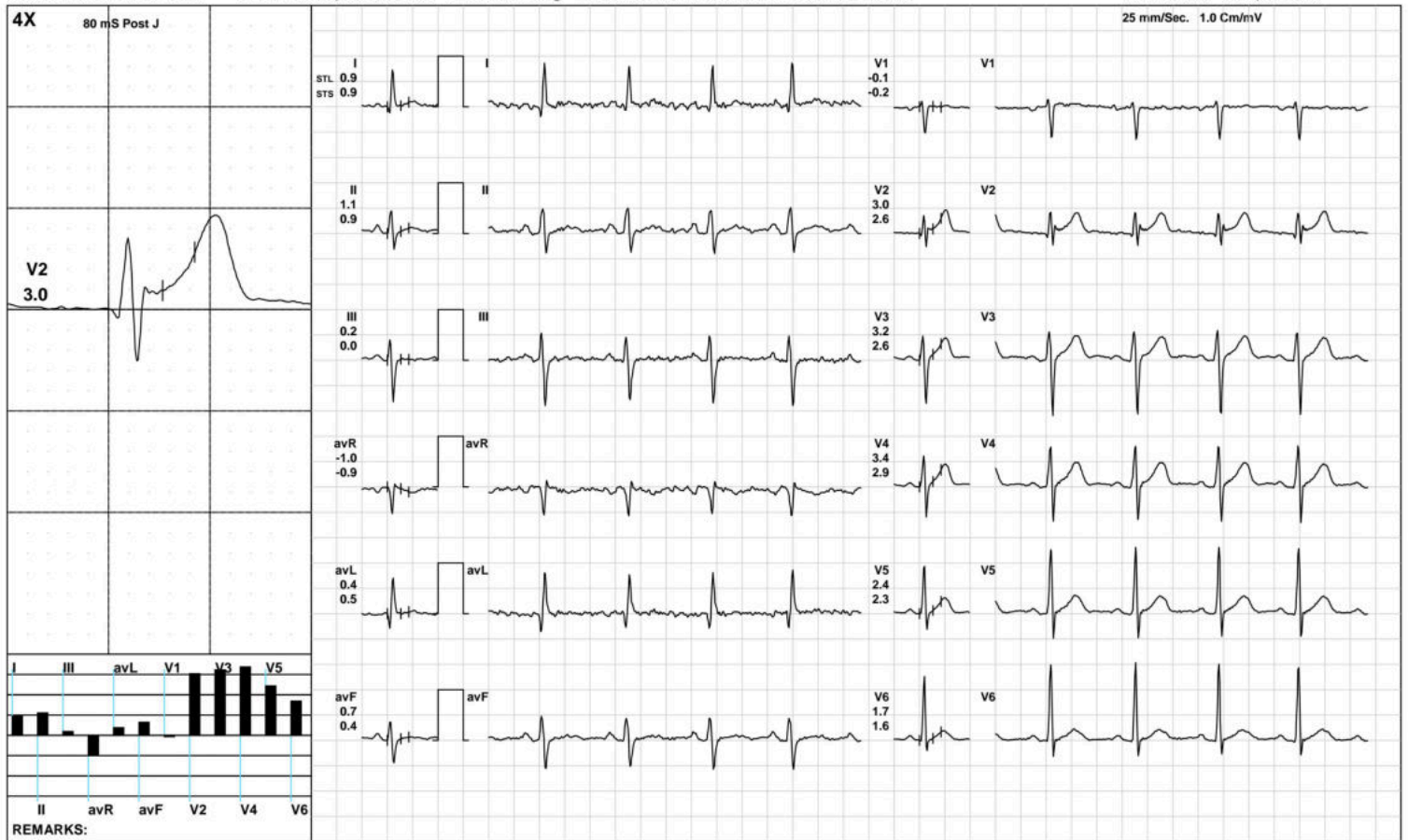
Standing



1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 94

Date: 25-Feb-2023 12:53:02 PM METS: 1.0/ 94 bpm 52% of THR BP: 100/70 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

**Aarogam Diagnostics**

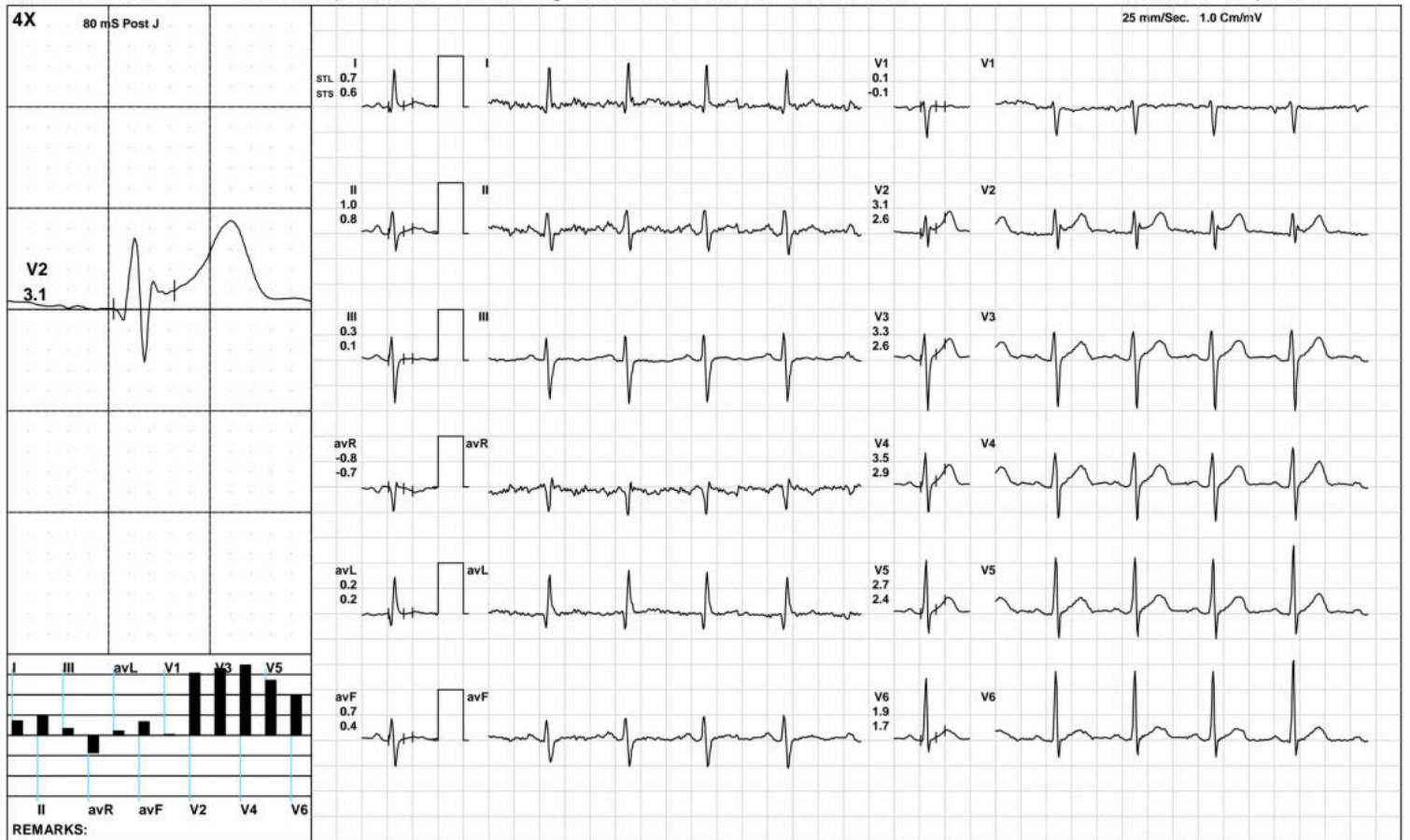
HV



1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 90

Date: 25-Feb-2023 12:53:02 PM METS: 1.0/ 90 bpm 50% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:23 0.0 mph, 0.0%



Aarogam Diagnostics

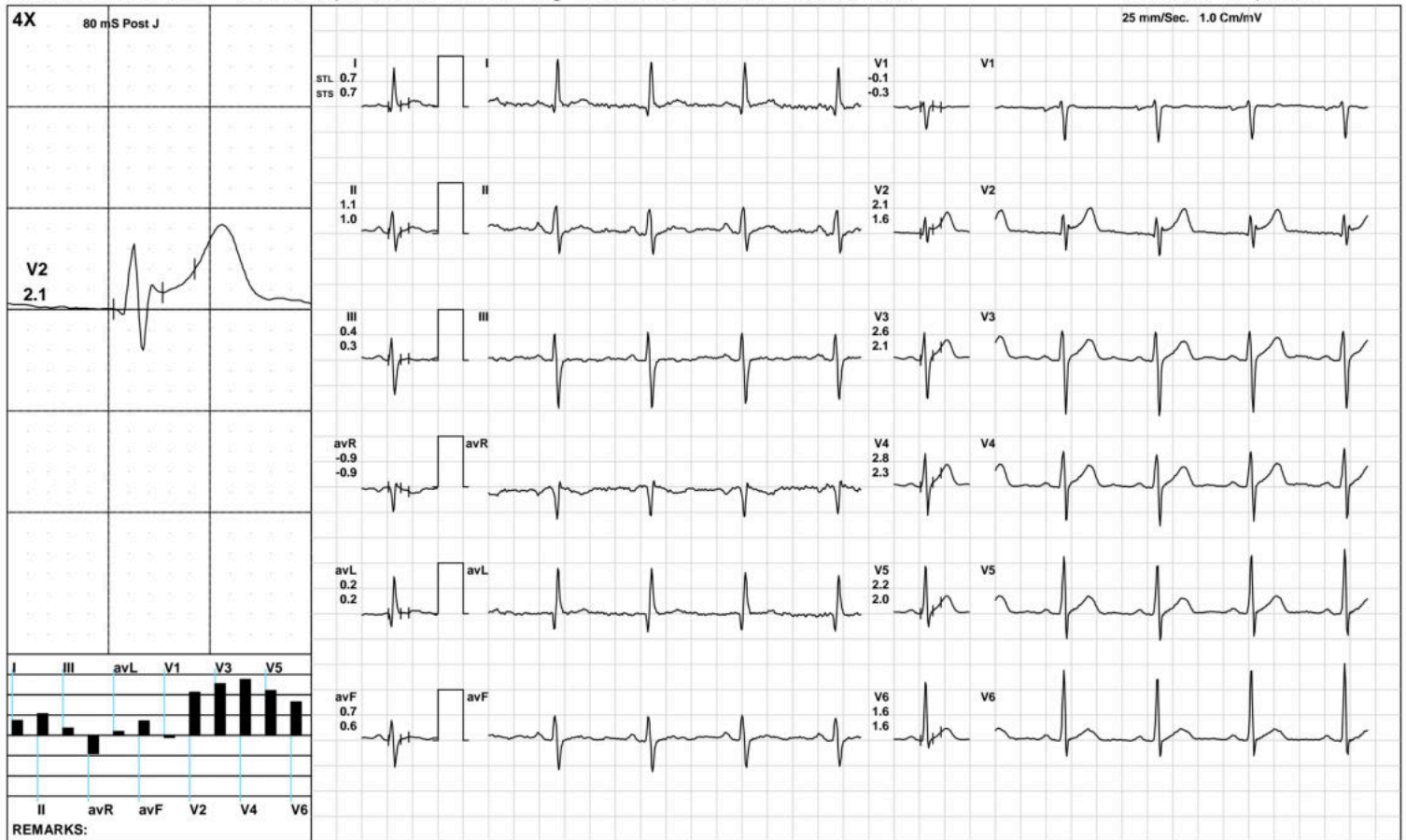
Warm Up



1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 79

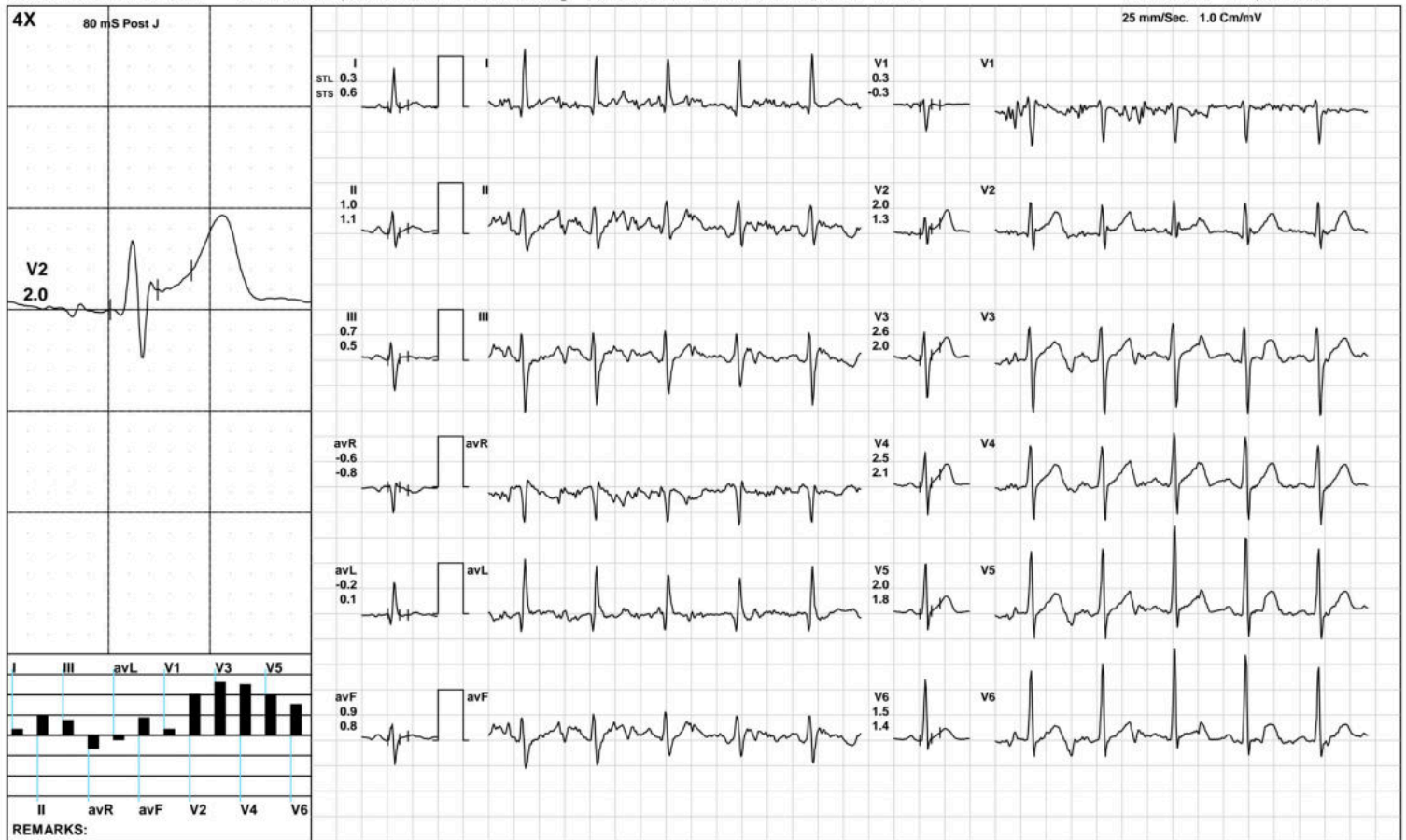
Date: 25-Feb-2023 12:53:02 PM METS: 1.0/ 79 bpm 44% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:48 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



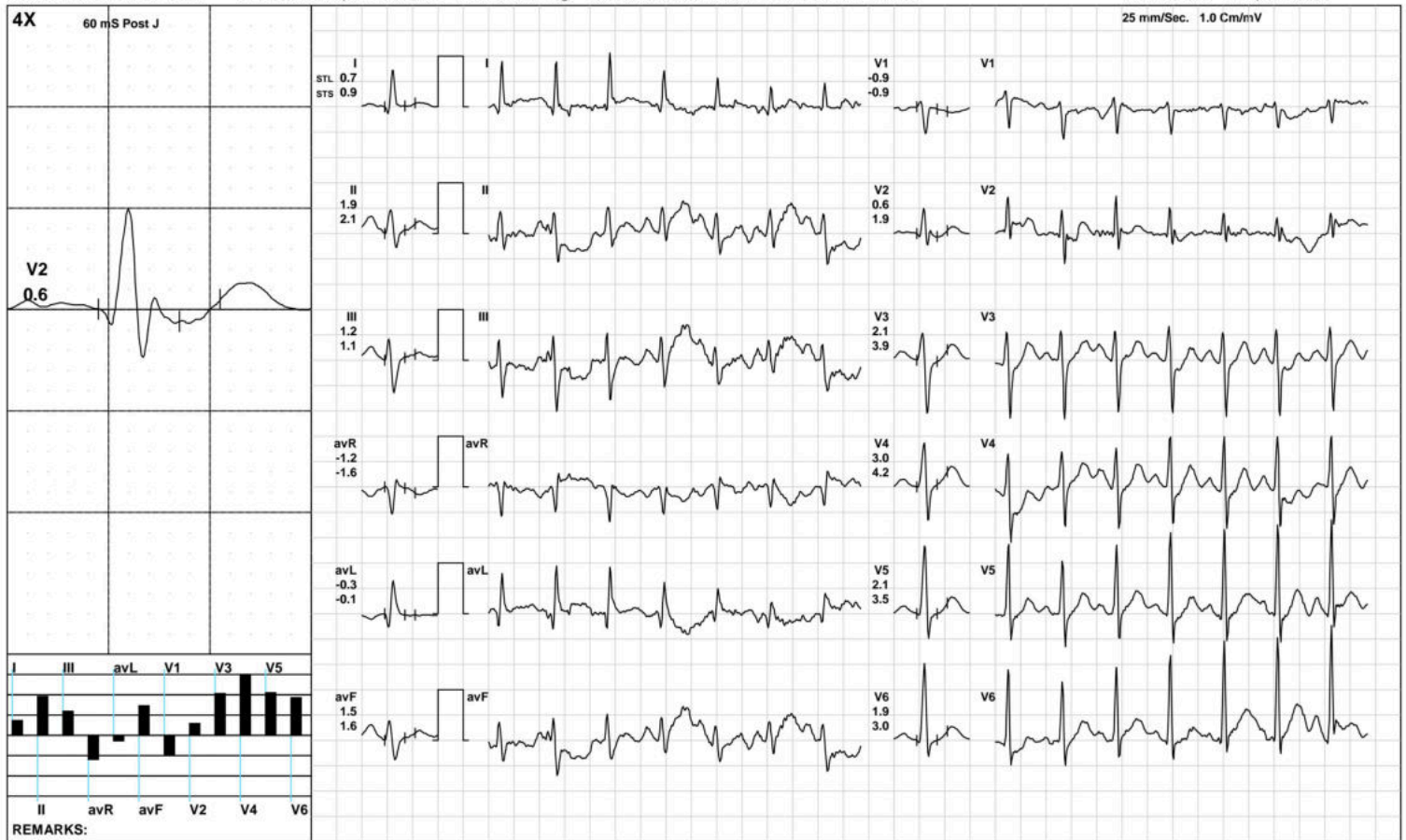




1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 138

Date: 25-Feb-2023 12:53:02 PM METS: 4.7/ 138 bpm 77% of THR BP: 105/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 03:00 1.7 mph, 10.0%

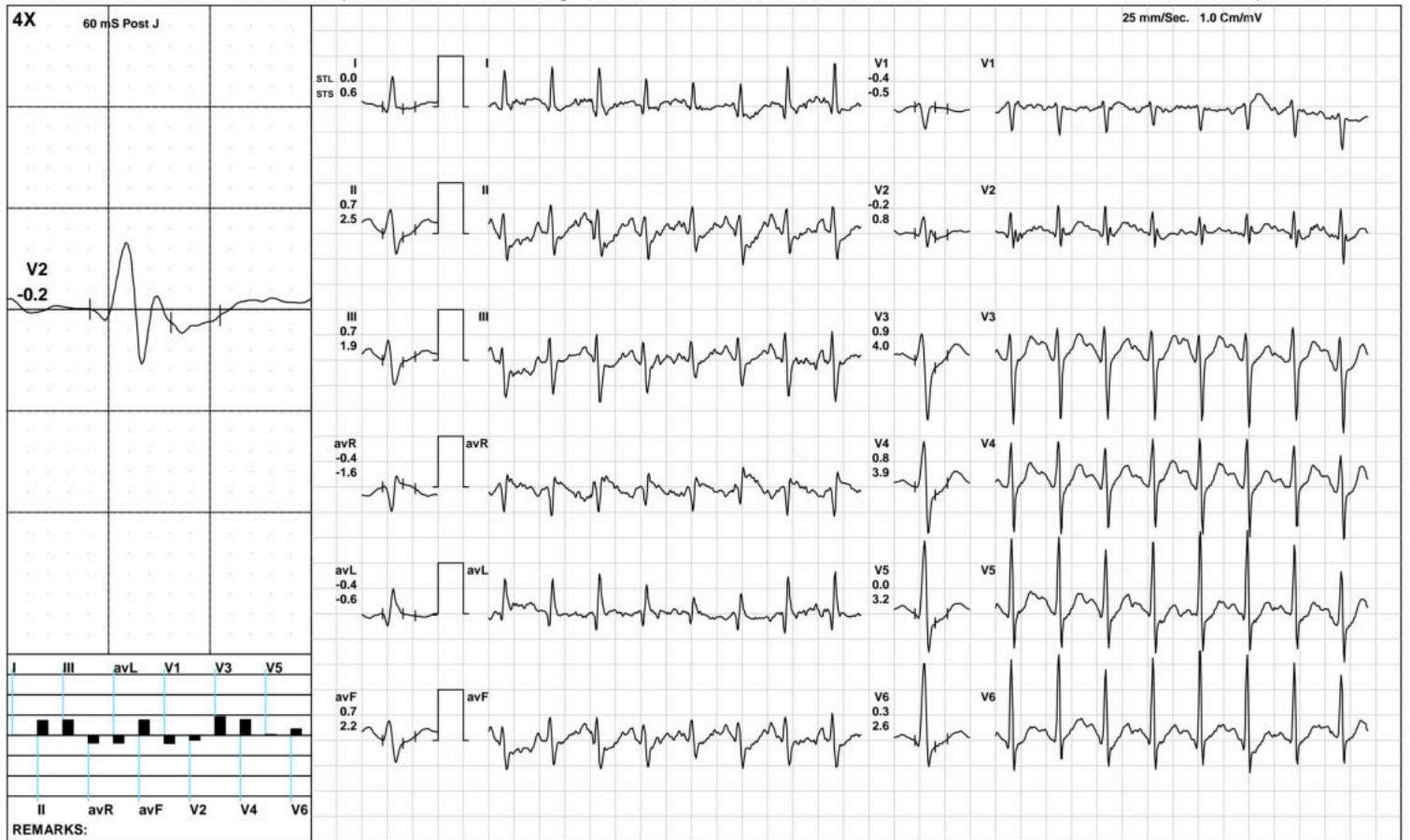




1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 158

Date: 25-Feb-2023 12:53:02 PM METS: 7.1/ 158 bpm 88% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:00 2.5 mph, 12.0%

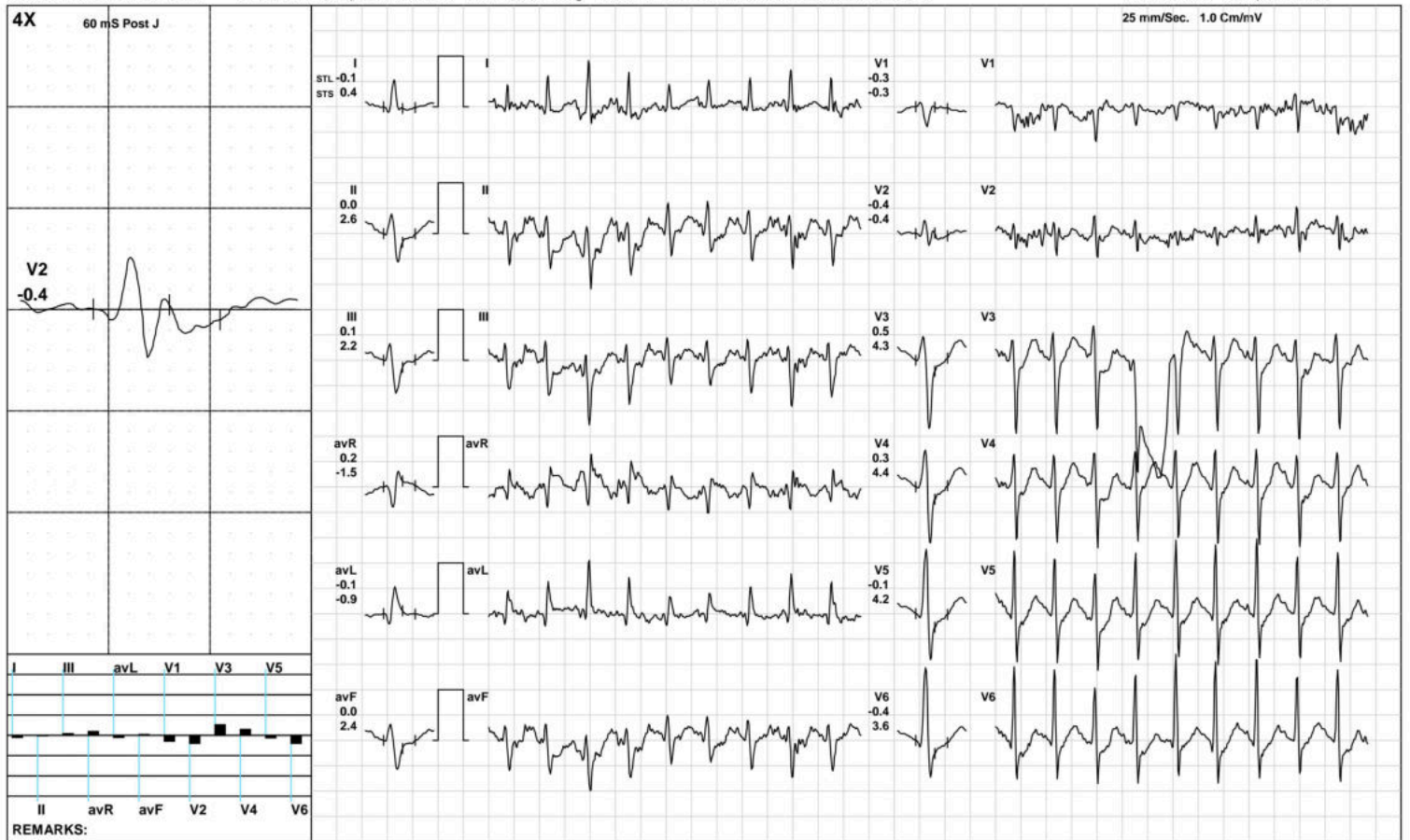


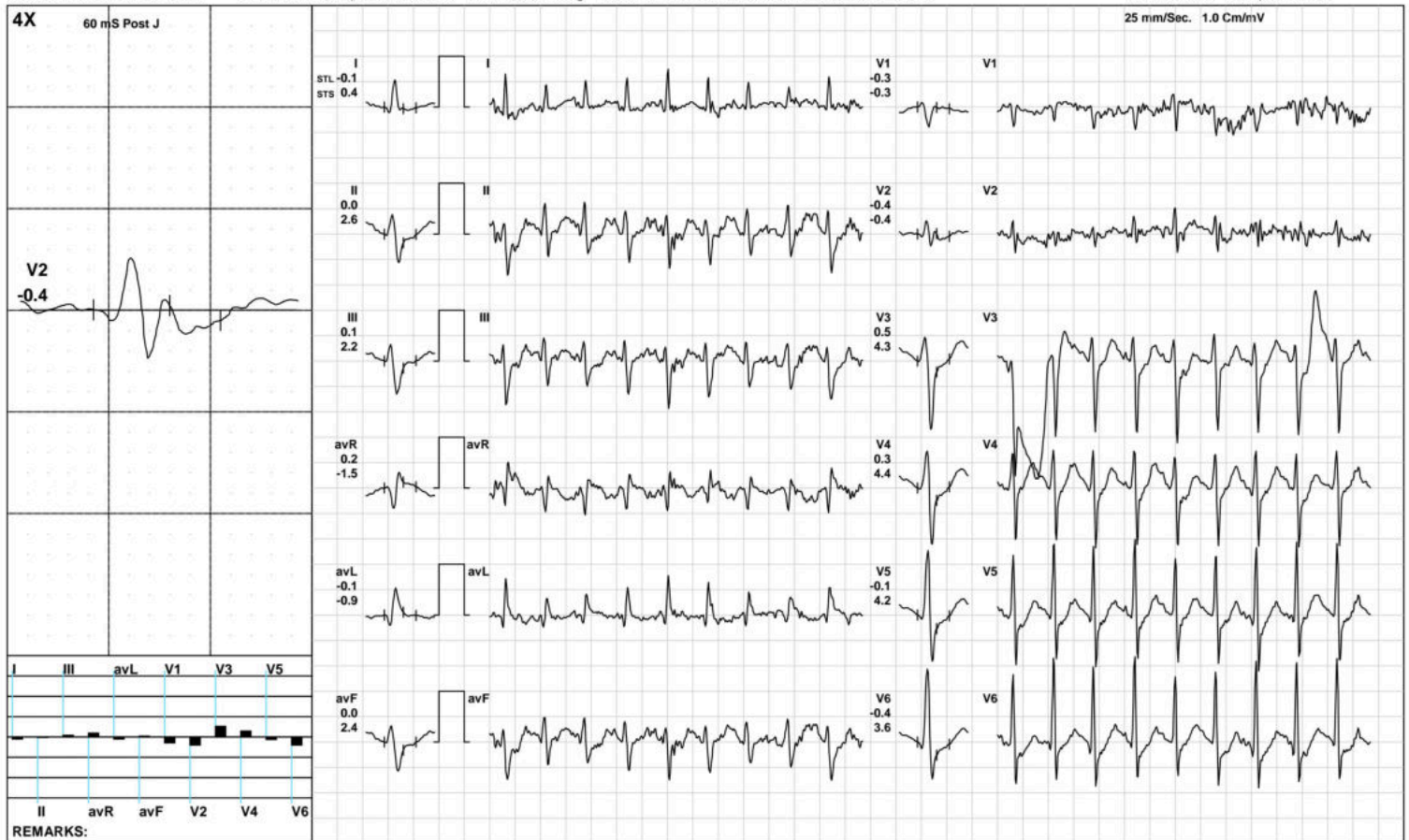


1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 185

Date: 25-Feb-2023 12:53:02 PM METS: 10.2/ 185 bpm 103% of THR BP: 115/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%





**Aarogam Diagnostics**

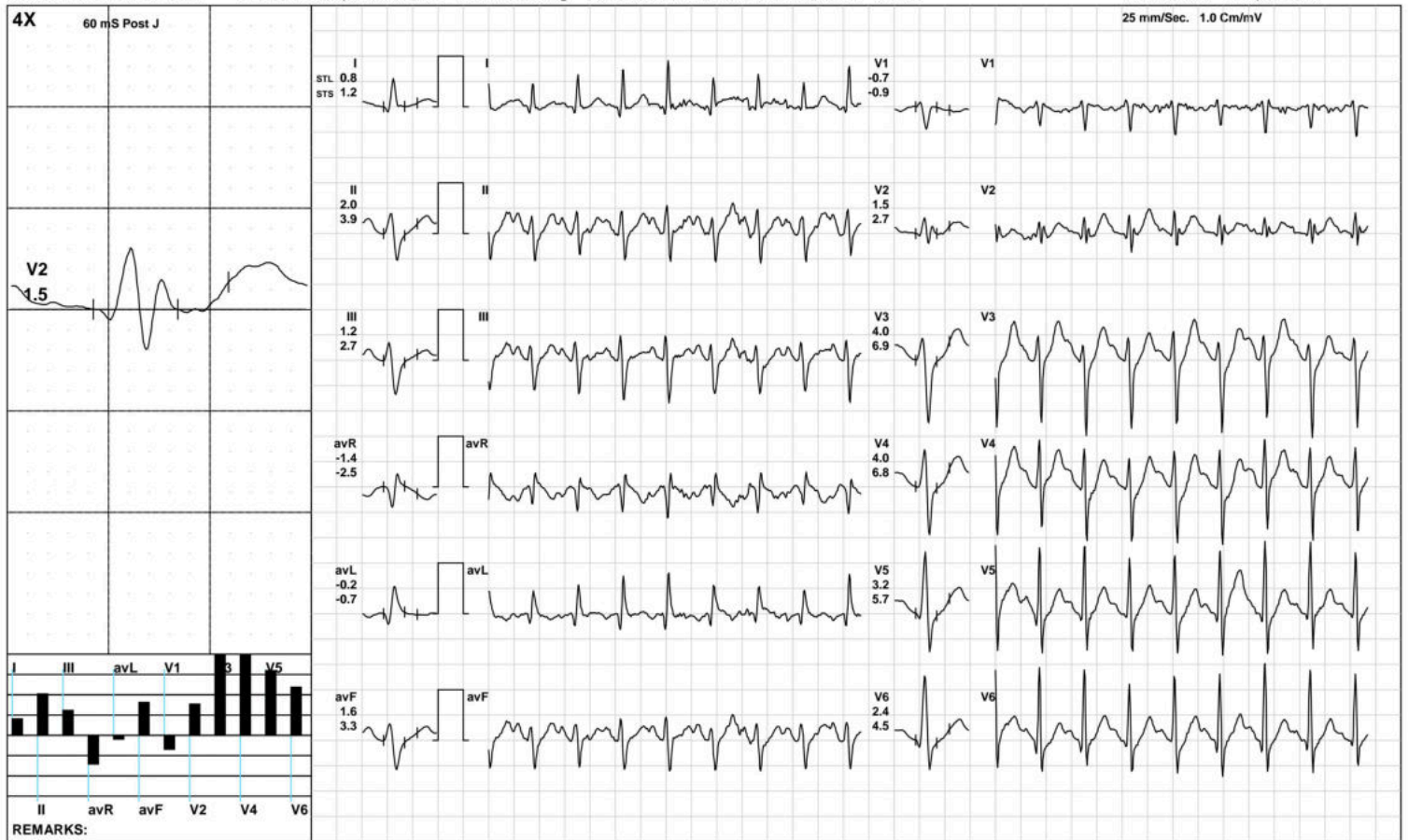
Recovery(1:00)



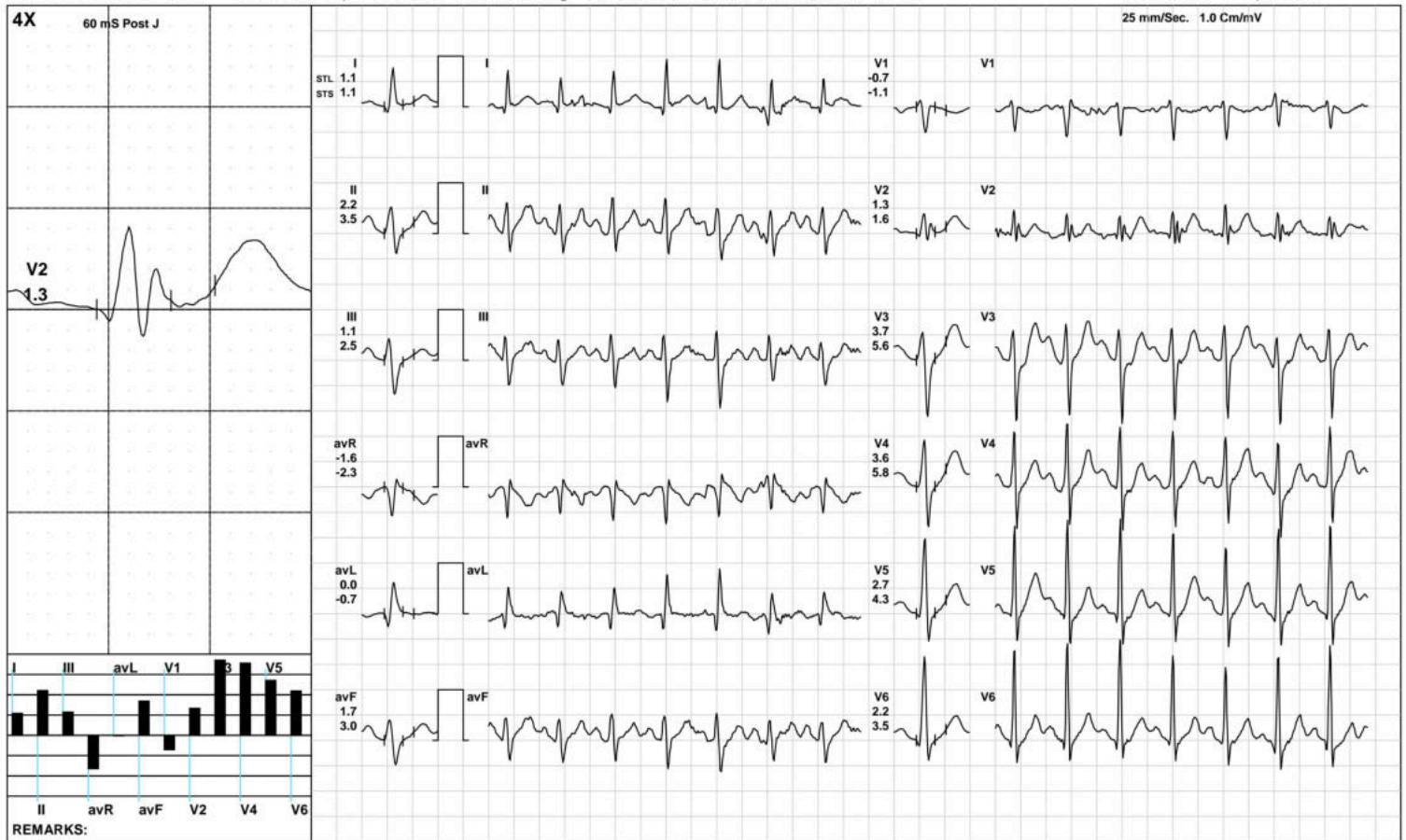
1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 165

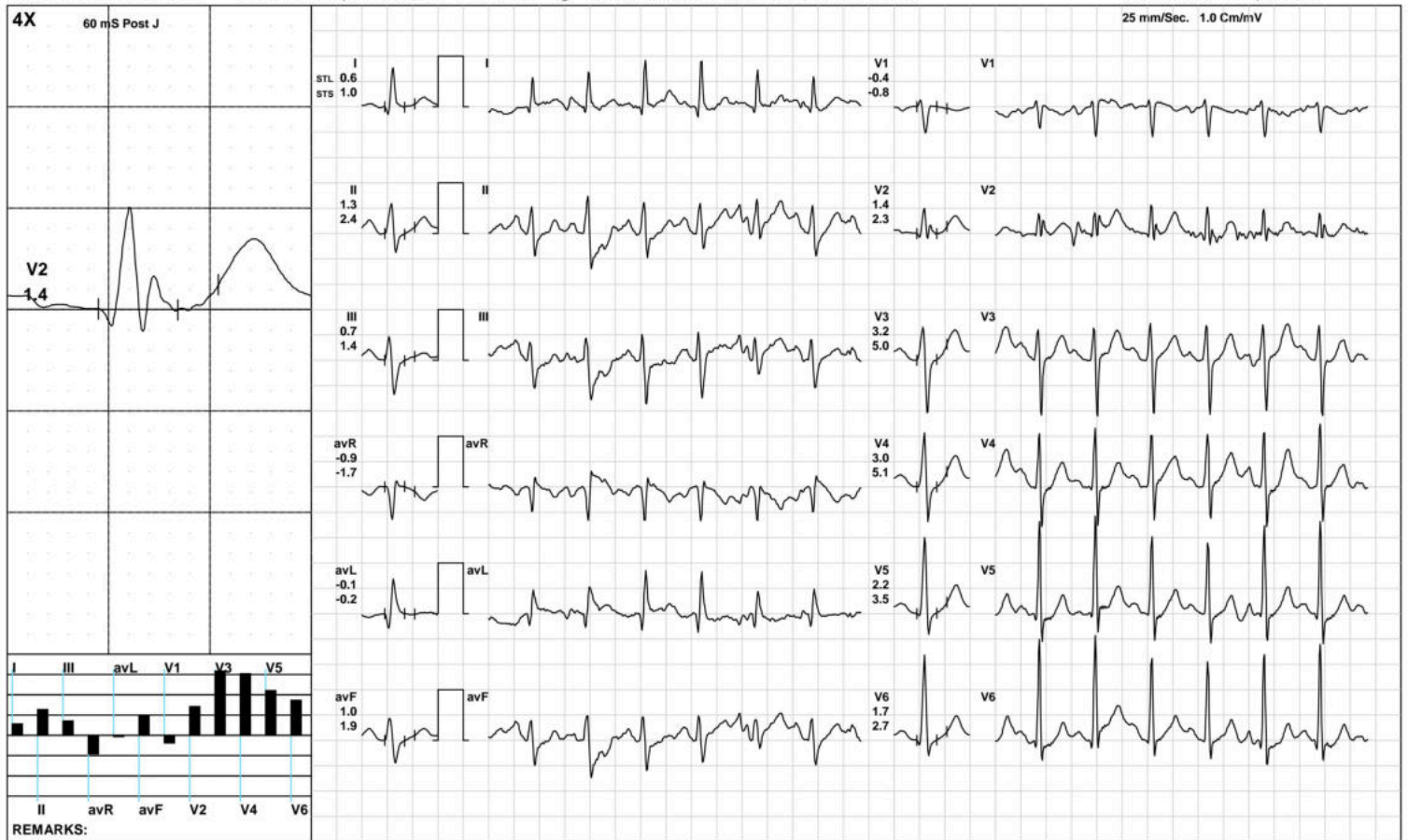
Date: 25-Feb-2023 12:53:02 PM METS: 4.3/ 165 bpm 92% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:02 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers







**Aarogyam Diagnostics**

**ST Measurements**



1794 / MANTU KUMAR / 42 Yrs / M / 175 Cms / 91 Kg / HR : 86

Date: 25-Feb-2023 12:53:02 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	1.1	0.2	-1.0	0.4	0.7	-0.1	3.0	3.2	3.4	2.4	1.7	0.9	0.9	0.0	-0.9	0.5	0.4	-0.2	2.6	2.6	2.9	2.3	1.6	
60 @mS Standing	0.9	1.1	0.2	-1.0	0.4	0.7	-0.1	3.0	3.2	3.4	2.4	1.7	0.9	0.9	0.0	-0.9	0.5	0.4	-0.2	2.6	2.6	2.9	2.3	1.6	
HV	0.7	1.0	0.3	-0.8	0.2	0.7	0.1	3.1	3.3	3.5	2.7	1.9	0.6	0.8	0.1	-0.7	0.2	0.4	-0.1	2.6	2.6	2.9	2.4	1.7	
Warm Up	0.7	1.1	0.4	-0.9	0.2	0.7	-0.1	2.1	2.6	2.8	2.2	1.6	0.7	1.0	0.3	-0.9	0.2	0.6	-0.3	1.6	2.1	2.3	2.0	1.6	
ExStart	0.3	1.0	0.7	-0.6	-0.2	0.9	0.3	2.0	2.6	2.5	2.0	1.5	0.6	1.1	0.5	-0.8	0.1	0.8	-0.3	1.3	2.0	2.1	1.8	1.4	
Stage 1	0.7	1.9	1.2	-1.2	-0.3	1.5	-0.9	0.6	2.1	3.0	2.1	1.9	0.9	2.1	1.1	-1.6	-0.1	1.6	-0.9	1.9	3.9	4.2	3.5	3.0	
Stage 2	0.0	0.7	0.7	-0.4	-0.4	0.7	-0.4	-0.2	0.9	0.8	0.0	0.3	0.6	2.5	1.9	-1.6	-0.6	2.2	-0.5	0.8	4.0	3.9	3.2	2.6	
Stage 3	-0.1	0.0	0.1	0.2	-0.1	0.0	-0.3	-0.4	0.5	0.3	-0.1	-0.4	0.4	2.6	2.2	-1.5	-0.9	2.4	-0.3	-0.4	4.3	4.4	4.2	3.6	
PeakEx	-0.1	0.0	0.1	0.2	-0.1	0.0	-0.3	-0.4	0.5	0.3	-0.1	-0.4	0.4	2.6	2.2	-1.5	-0.9	2.4	-0.3	-0.4	4.3	4.4	4.2	3.6	
Recovery	0.8	2.0	1.2	-1.4	-0.2	1.6	-0.7	1.5	4.0	4.0	3.2	2.4	1.2	3.9	2.7	-2.5	-0.7	3.3	-0.9	2.7	6.9	6.8	5.7	4.5	
Recovery	1.1	2.2	1.1	-1.6	0.0	1.7	-0.7	1.3	3.7	3.6	2.7	2.2	1.1	3.5	2.5	-2.3	-0.7	3.0	-1.1	1.6	5.6	5.8	4.3	3.5	
Recovery	0.6	1.3	0.7	-0.9	-0.1	1.0	-0.4	1.4	3.2	3.0	2.2	1.7	1.0	2.4	1.4	-1.7	-0.2	1.9	-0.8	2.3	5.0	5.1	3.5	2.7	
					I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6									

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI( $\mu$ Vs)	Supine	6.1	7.4	1.4	-6.7	2.4	4.5	0.8	23.1	24.0	24.6	17.0	10.6
	Standing	6.1	7.4	1.4	-6.7	2.4	4.5	0.8	23.1	24.0	24.6	17.0	10.6
	HV	4.8	6.7	2.1	-5.6	1.5	4.4	0.8	22.1	23.4	24.2	18.1	12.1
	Warm Up	6.3	7.4	1.3	-6.9	2.6	4.4	-0.3	19.4	20.8	22.4	17.6	12.4
	ExStart	2.3	7.4	5.1	-4.8	-1.5	6.2	3.4	19.5	22.3	21.5	16.3	11.8
	Stage 1	2.2	7.8	5.8	-4.0	-2.0	6.1	-4.4	-0.3	5.8	11.0	6.4	5.8
	Stage 2	-1.8	-0.7	1.1	1.3	-1.5	0.2	-1.4	-4.4	-2.7	-4.0	-6.3	-3.4
	Stage 3	-2.8	-5.4	-2.6	4.8	-0.1	-4.0	-1.1	-4.9	-4.9	-6.9	-8.2	-8.5
	PeakEx	-2.8	-5.4	-2.6	4.8	-0.1	-4.0	-1.1	-4.9	-4.9	-6.9	-8.2	-8.5
	Recovery	1.7	4.3	2.6	-3.0	-0.4	3.4	-2.9	1.8	7.0	7.1	5.7	4.0
	Recovery	3.9	6.9	3.1	-5.4	0.5	5.0	-2.2	3.6	11.4	9.9	7.8	6.3
	Recovery	1.7	4.4	2.7	-3.1	-0.5	3.5	-1.1	3.9	10.1	9.7	7.7	6.0



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 (%)	Missed Beats (Counts)
00:30	84	236	78	-10	437	176	1455	-1089	436	-52	V1	-4	0.00	0
01:00	85	252	86	-10	423	176	1455	-1089	436	-52	V1	-4	0.00	0
01:30	115	120	80	4	466	240	1560	-1050	458	9	V1	-25	0.00	0
02:00	123	156	86	7	449	212	1594	-1011	375	-24	avL	-42	0.00	0
02:30	130	136	64	9	455	251	1606	-1016	407	86	avL	-69	0.00	0
03:00	134	138	64	6	446	230	1633	-1004	429	82	avL	-65	0.00	0
03:30	135	138	64	-4	438	232	1639	-1038	463	-276	II	-17	0.00	0
04:00	135	90	70	4	435	288	1561	-1104	464	34	V2	-64	0.00	0
04:30	147	128	70	-10	441	243	1693	-1097	369	-225	II	-86	0.00	0
05:00	152	108	64	-9	441	265	1675	-1113	362	-230	II	-64	0.00	0
05:30	153	116	64	-4	424	221	1539	-1198	348	-279	II	-73	0.00	0
06:00	160	102	62	-13	338	375	1633	-1283	-471	-227	V6	-165	0.00	0
06:30	161	78	68	-14	329	296	1533	-1275	398	-281	II	-115	0.00	0
07:00	161	98	66	-14	443	283	1653	-1276	330	-269	V5	-69	0.00	0
07:30	167	108	68	-17	424	294	1563	-1312	374	-248	V5	-79	0.00	0
08:00	173	102	66	-15	332	176	1510	-1397	318	-306	II	-173	0.00	0
08:30	178	92	68	-22	355	213	1468	-1389	367	-379	V6	-145	0.00	0
09:00	181	82	66	-27	382	253	1447	-1395	334	-509	V5	-146	0.00	0
09:30	182	86	86	-20	368	263	1458	-1397	375	-277	V6	-91	0.00	0
10:00	185	82	66	-39	374	241	1550	-1372	373	-293	V6	-102	0.00	0
10:30	178	94	94	-24	347	309	1302	-1514	475	-284	V6	-87	0.00	0
11:00	166	92	66	-17	345	328	1413	-1342	649	-2	V1	-71	0.00	0
11:30	155	102	92	-16	335	311	1535	-1326	658	5	V1	-48	0.00	0
12:00	141	114	62	-5	437	333	1695	-1229	684	32	V1	-35	0.00	0
12:30	140	128	64	-3	433	290	1684	-1164	634	3	V1	-44	0.00	0

**Aarogyam Diagnostics**

Patna-20

1794 / MANTU KUMAR / 42 Yrs / Male / 175 Cm / 91 Kg

**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	135	124	68	-3	447	294	1723	-1181	660	3	V1	-47	0.00	0	0
13:30	133	130	64	-6	465	262	1721	-1132	606	-269	III	-8	0.00	0	0



ISO 9001 : 2015

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(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

<b>Date</b> 25/02/2023	<b>Srl No.</b> 24	<b>Patient Id</b> 2302250024
<b>Name</b> Mr. MANTU KUMAR	<b>Age</b> 41 Yrs.	<b>Sex</b> M
<b>Ref. By</b> Dr.BOB		

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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9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

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<b>Date</b>	<b>25/02/2023</b>	<b>Srl No.</b>	<b>24</b>	<b>Patient Id</b>	<b>2302250024</b>
<b>Name</b>	<b>Mr. MANTU KUMAR</b>	<b>Age</b>	<b>41 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.5	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,200	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	13	mm/1st hr.	0 - 15
R B C COUNT	4.86	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	40.6	%	40 - 54
M C V	83.54	fl.	80 - 100
M C H	27.78	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		
BLOOD SUGAR FASTING	94.6	mg/dl	70 - 110
SERUM CREATININE	0.86	mg%	0.7 - 1.4
BLOOD UREA	23.9	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.0	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



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F- 41, P.C. Colony, Opp. Madhuban Complex,  
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9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

<b>Date</b>	<b>25/02/2023</b>	<b>Srl No.</b>	<b>24</b>	<b>Patient Id</b>	<b>2302250024</b>
<b>Name</b>	<b>Mr. MANTU KUMAR</b>	<b>Age</b>	<b>41 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.69	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.25	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.44	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.6	gm/dl	6.6 - 8.3
ALBUMIN	3.5	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.129</b>		
SGOT	35.1	IU/L	5 - 40
SGPT	38.7	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	83.9	U/L	40.0 - 130.0
GAMMA GT	22.8	IU/L	8.0 - 71.0

**LFT INTERPRET****LIPID PROFILE**

TRIGLYCERIDES	161.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	168.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	54.5	mg/dL	35.1 - 88.0
V L D L	<b>32.3</b>	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	82.1	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.099		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.506		0.00 - 3.55
THYROID PROFILE			
T3	0.83	ng/ml	0.60 - 1.81



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

Test Name	Value	Unit	Normal Value
T4 Chemiluminescence	7.52	ug/dl	4.5 - 10.9
TSH Chemiluminescence	1.973	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	





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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 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.

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

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