

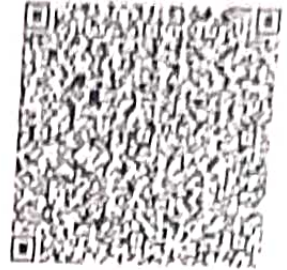


भारत सरकार
GOVERNMENT OF INDIA



मनोज कुमार
Manoj Kumar

जन्म वर्ष / Year of Birth : 1970
पुरुष / Male



5342 7944 6013

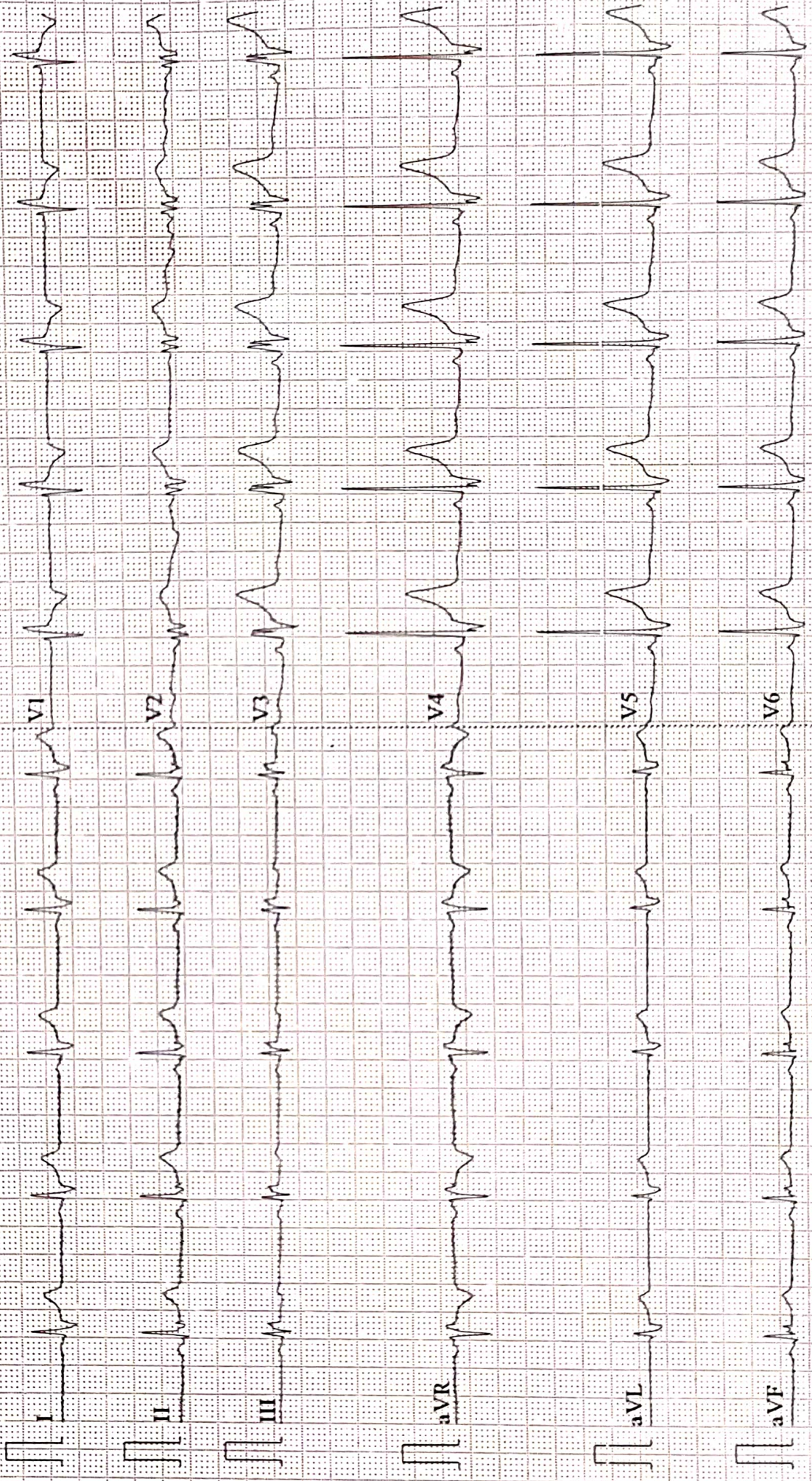
आधार — आम आदमी का अधिकार

MANOJ KUMAR
Male 53Years

HR : 59 bpm
P : 100 ms
PR : 131 ms
QRS : 124 ms
QT/QTc : 406/405 ms
P/QRS/T : 63/64/40 °
RV5/SV1 : 2.043/0.601 mV

Diagnosis Information:
Sinus Bradycardia
Complete Right Bundle Branch Block

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 Pakari Chowk, Kankarbagh, Patna-20
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Info@aarogyamdiagnostics.com
www.aarogyamdiagnostics.com

Name :- Manoj Kumar
Refd by :- Corp

Age/Sex:- 53Yrs/M
Date :-11/03/23

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (13.2cm) 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 (8.1cm) 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 8.1cm and Left Kidney measures 8.4cm.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
Pre void- 210cc Post void-23cc (Insignificant PVR)
- Prostate** :- Enlarged in size(41.9cc) & Normal echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Prostatomegaly.
Insignificant PVR.
Otherwise Normal Scan.*

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



1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg Date: 11-Mar-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	74	44 %	150/90	111	00	
Standing	00:16	0:01	00.0	00.0	01.0	73	43 %	150/90	109	00	
HV	00:31	0:01	00.0	00.0	01.0	077	46 %	150/90	115	00	
Warm Up	00:42	0:01	01.0	00.0	01.0	076	45 %	150/90	114	00	
ExStart	01:01	0:06	01.7	10.0	01.1	091	54 %	150/90	136	00	
BRUCE/ Stage 1	04:01	3:00	01.7	10.0	04.7	112	67 %	155/95	173	00	
BRUCE/ Stage 2	07:01	3:00	02.5	12.0	07.1	127	76 %	160/100	203	00	
PeakEx	09:02	2:01	03.4	14.0	09.2	149	89 %	160/100	238	00	
Recovery	10:01	1:00	01.1	00.0	01.2	127	76 %	155/95	196	00	
Recovery	11:01	2:00	01.1	00.0	01.0	116	69 %	150/90	174	00	
Recovery	11:15	2:13	01.1	00.0	01.0	112	67 %	150/90	168	00	

Findings :

Exercise Time : 08:02
 Max HR Attained : 173 bpm 103% of Target 168
 Max BP Attained : (Sys) 160/100
 Max WorkLoad Attained : 9.2 Good response to induced stress
 Max ST Dep Lead & Value : V4 & -3.9 mm in PeakEx mm
 Test End Reasons : Test Complete

Report :

Aarogam Diagnostics

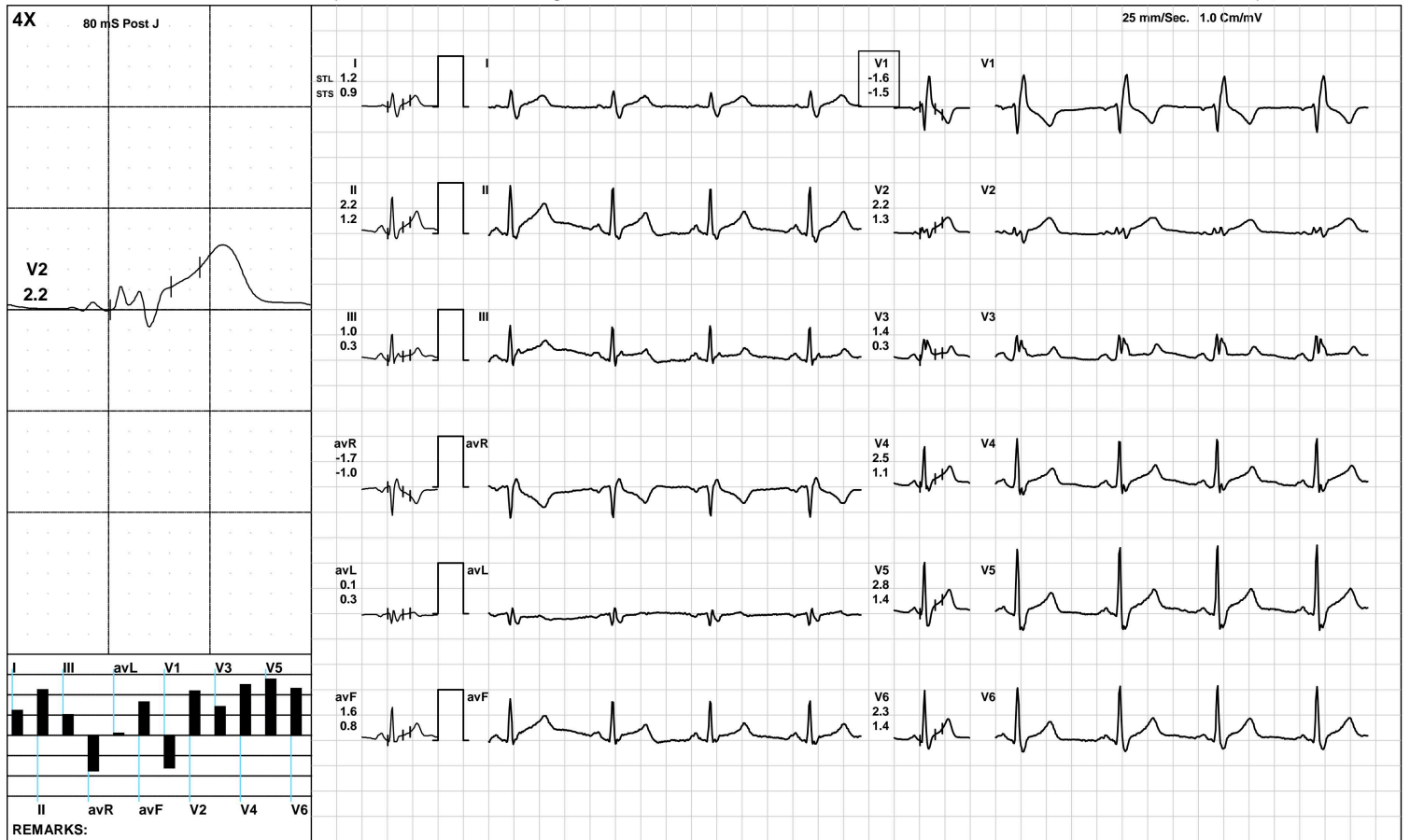
Supine



1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 74

Date: 11-Mar-2023 12:32:12 PM METS: 1.0/ 74 bpm 44% of THR BP: 150/90 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

Aarogam Diagnostics

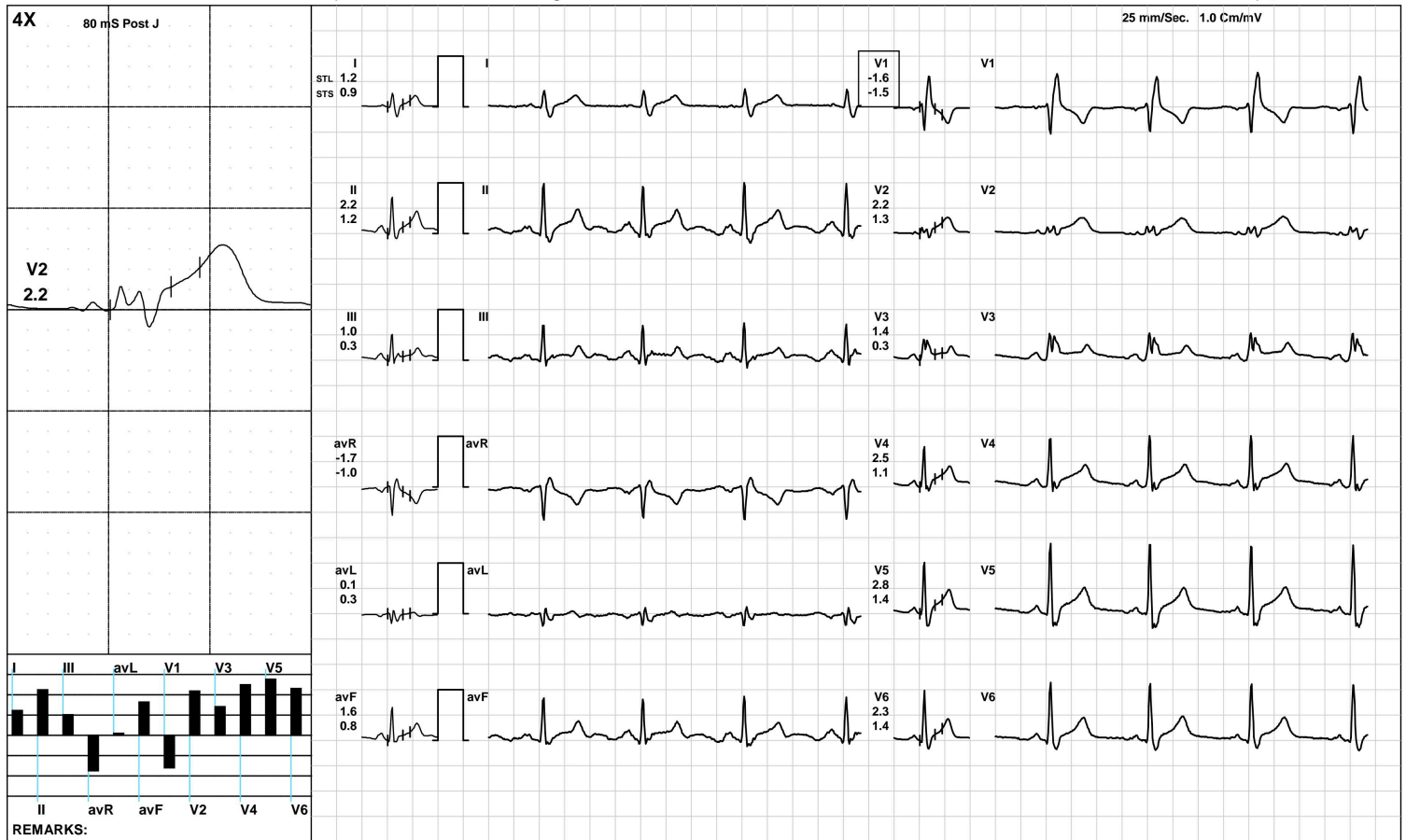
Standing



1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 73

Date: 11-Mar-2023 12:32:12 PM METS: 1.0/ 73 bpm 43% of THR BP: 150/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:16 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

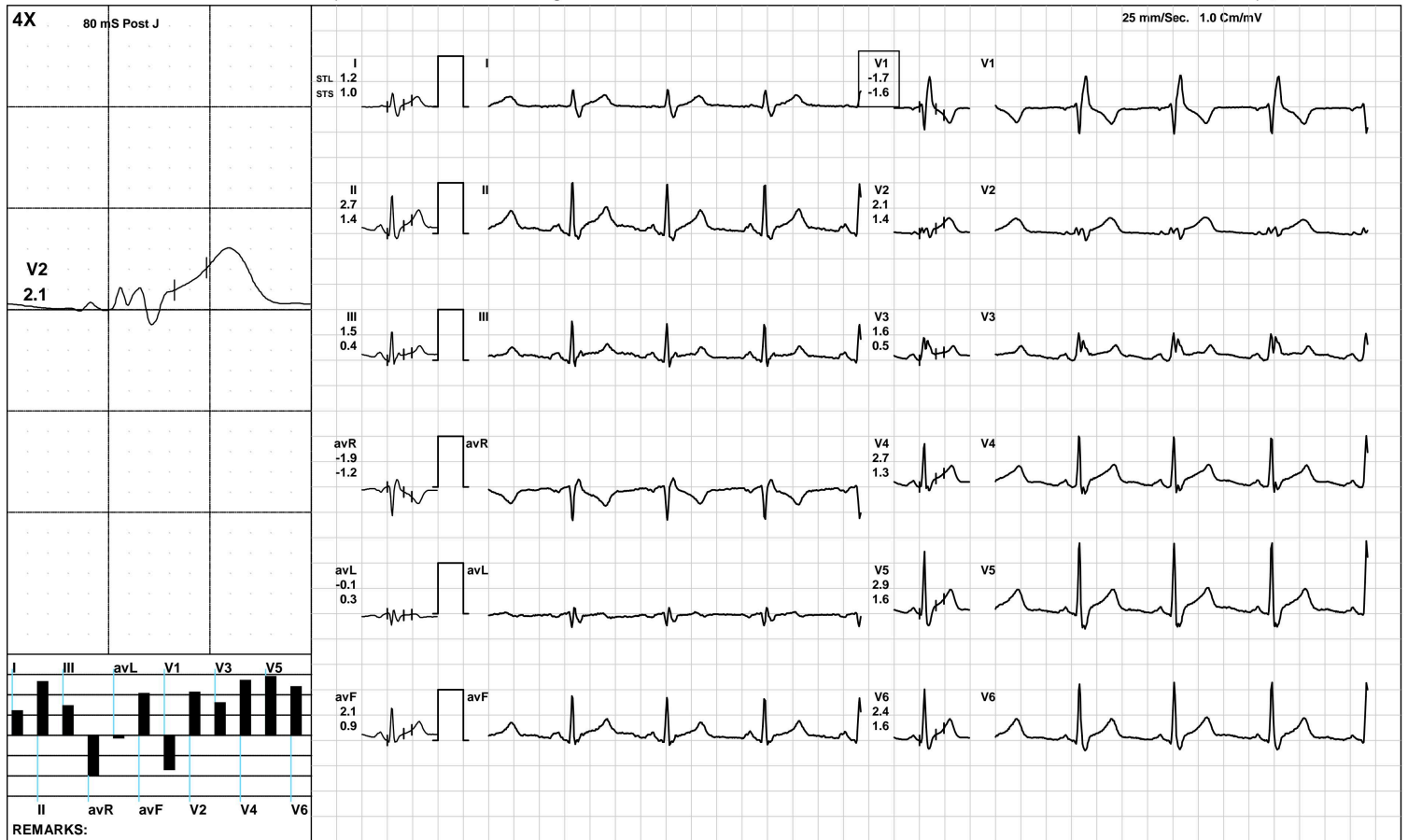
HV



1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 77

Date: 11-Mar-2023 12:32:12 PM METS: 1.0/ 77 bpm 45% of THR BP: 150/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:31 0.0 mph, 0.0%



Aarogam Diagnostics

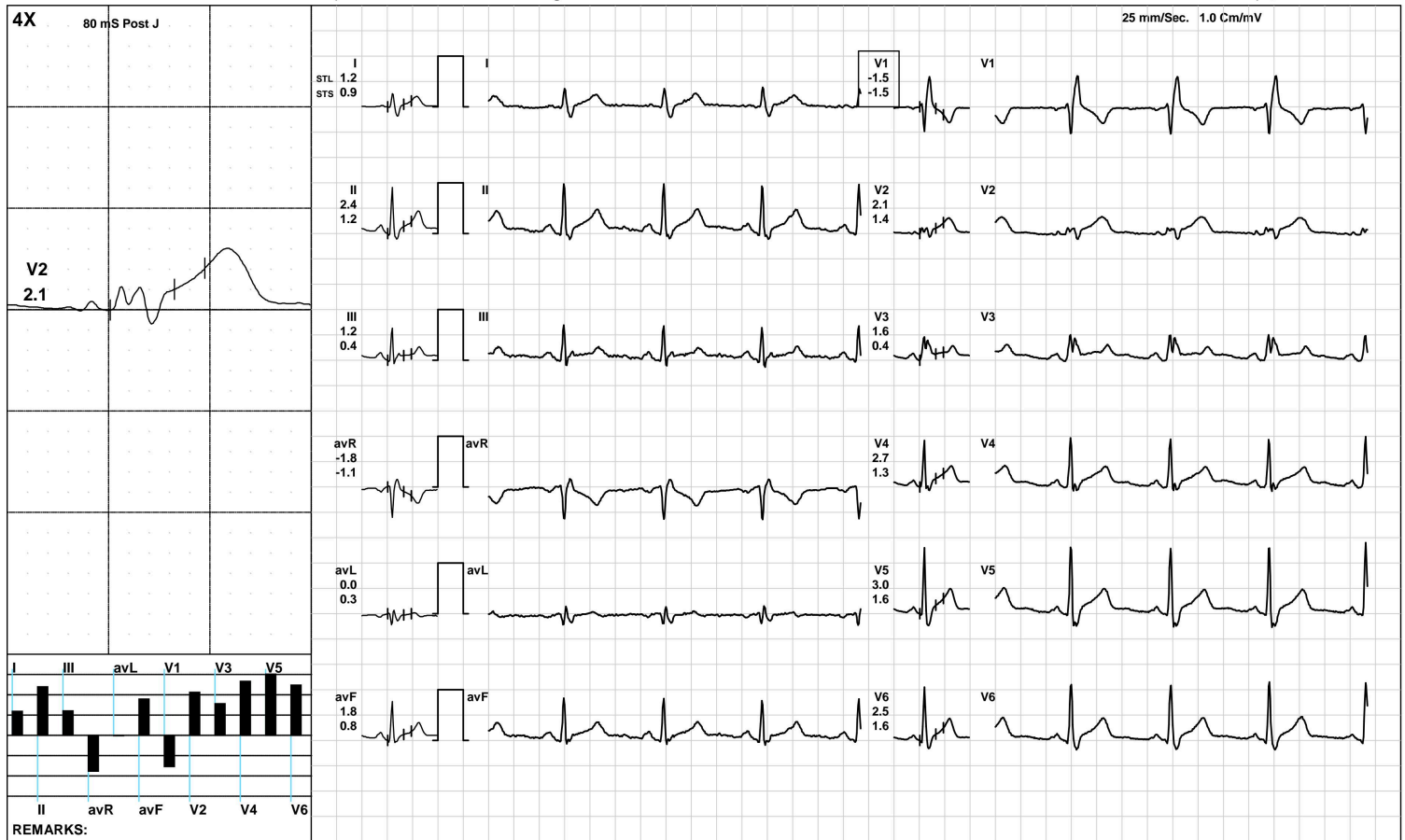
Warm Up



1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 76

Date: 11-Mar-2023 12:32:12 PM METS: 1.0/ 76 bpm 45% of THR BP: 150/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:42 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

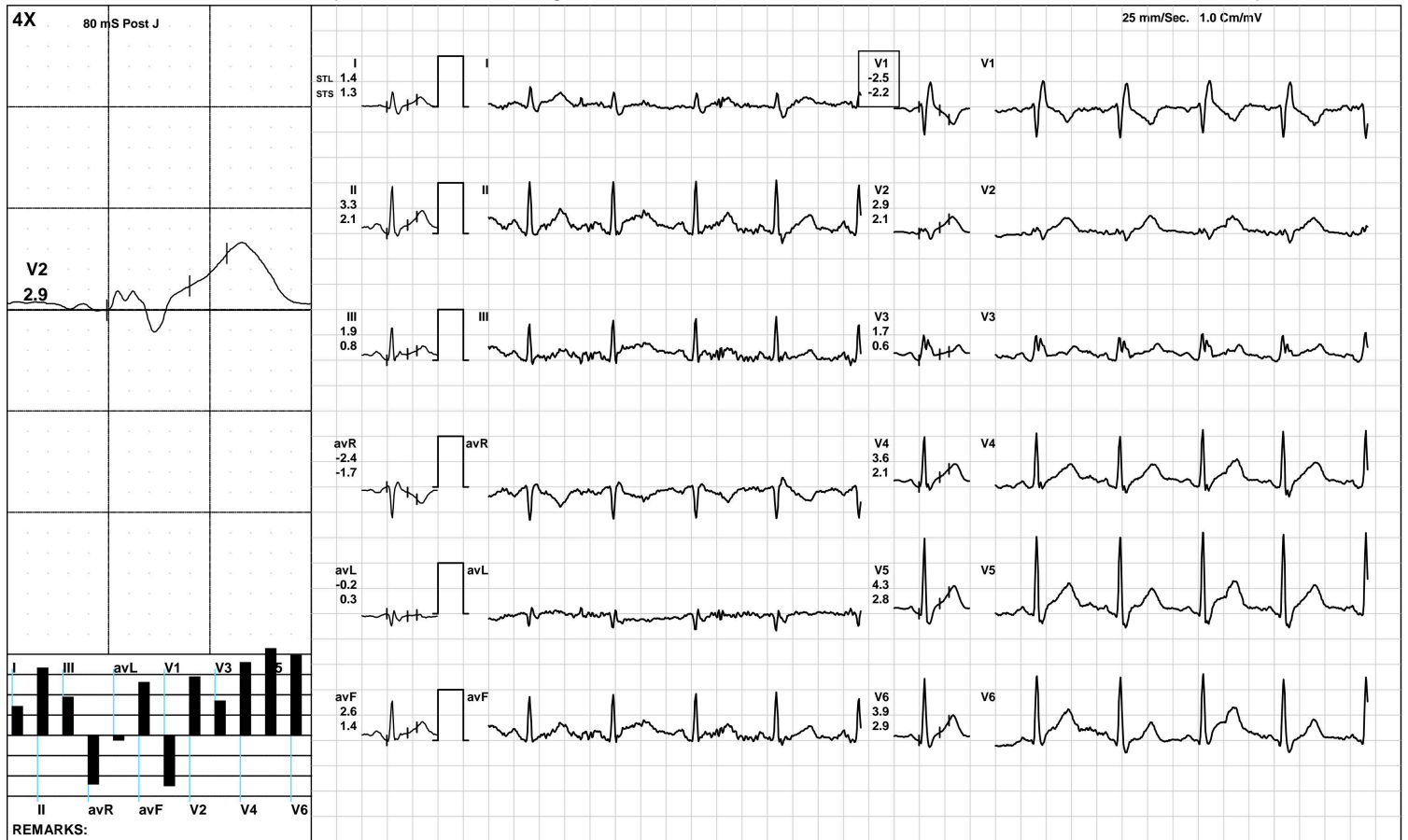
ExStart



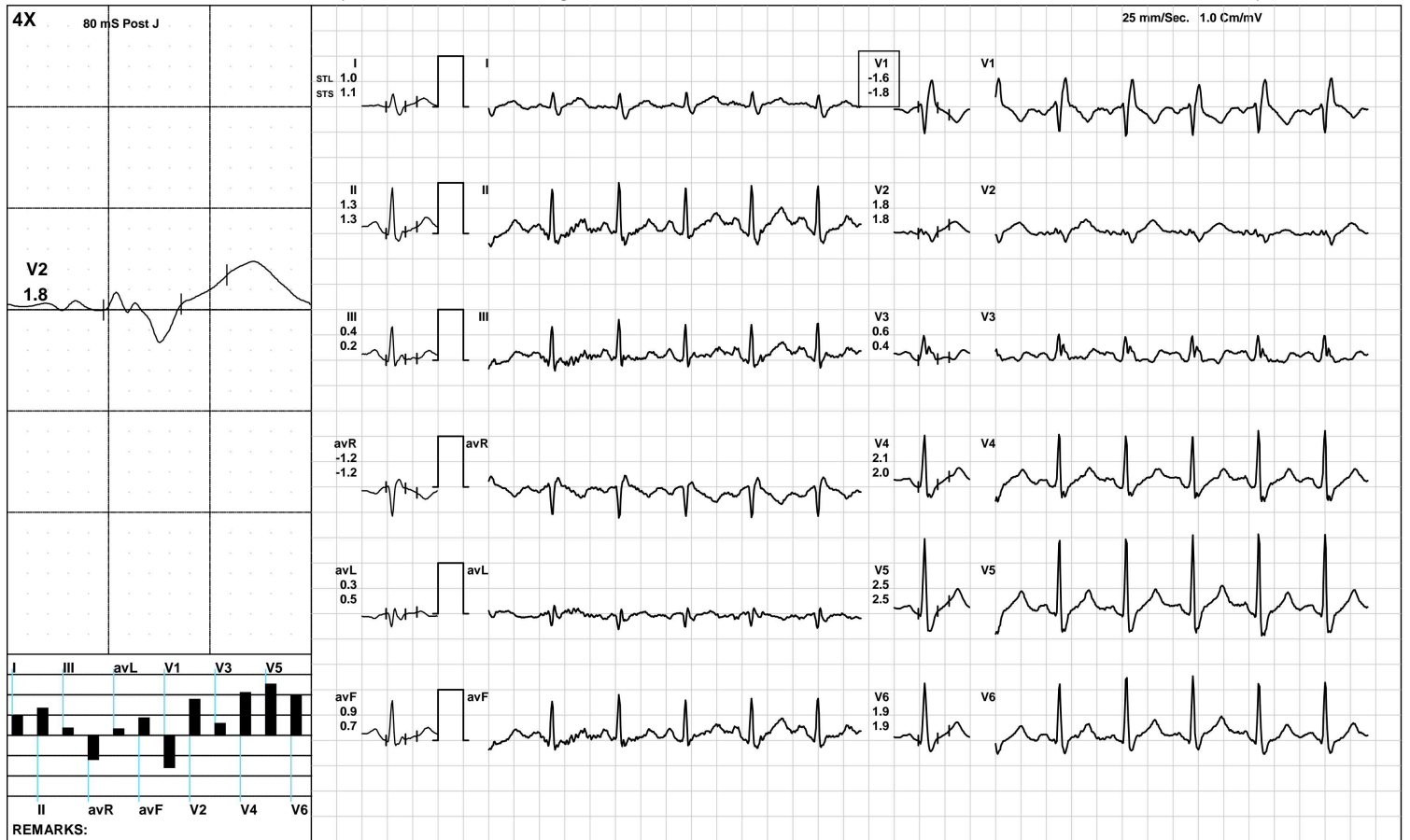
1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 91

Date: 11-Mar-2023 12:32:12 PM METS: 1.1/ 91 bpm 54% of THR BP: 150/90 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



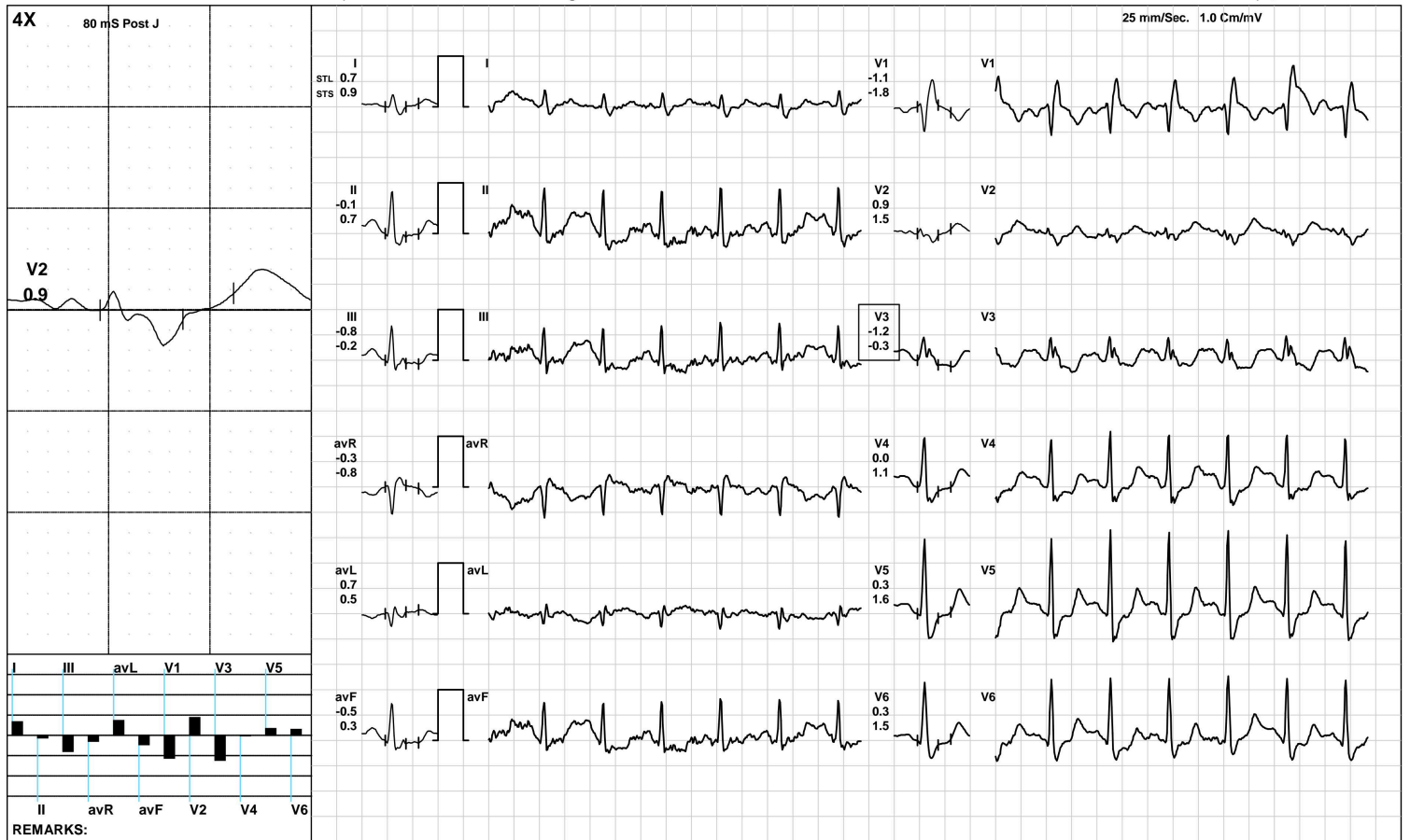
Aarogam Diagnostics

1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 127

BRUCE/:Stage 2(3:00)



Date: 11-Mar-2023 12:32:12 PM METS: 7.1/ 127 bpm 75% of THR BP: 160/100 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz ExTime: 06:00 2.5 mph, 12.0%



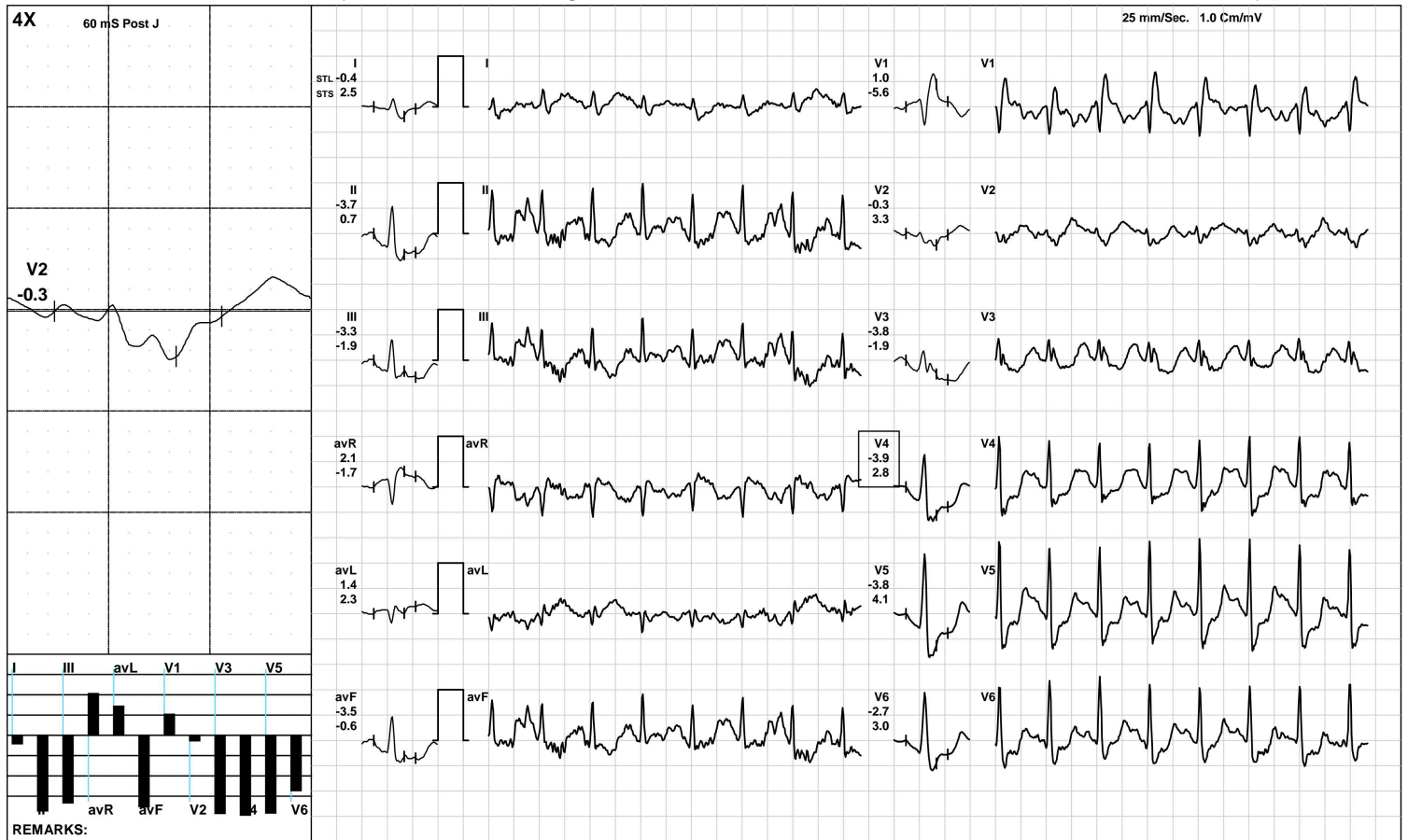
(GEM212170906)(R)Kardic by Allengers

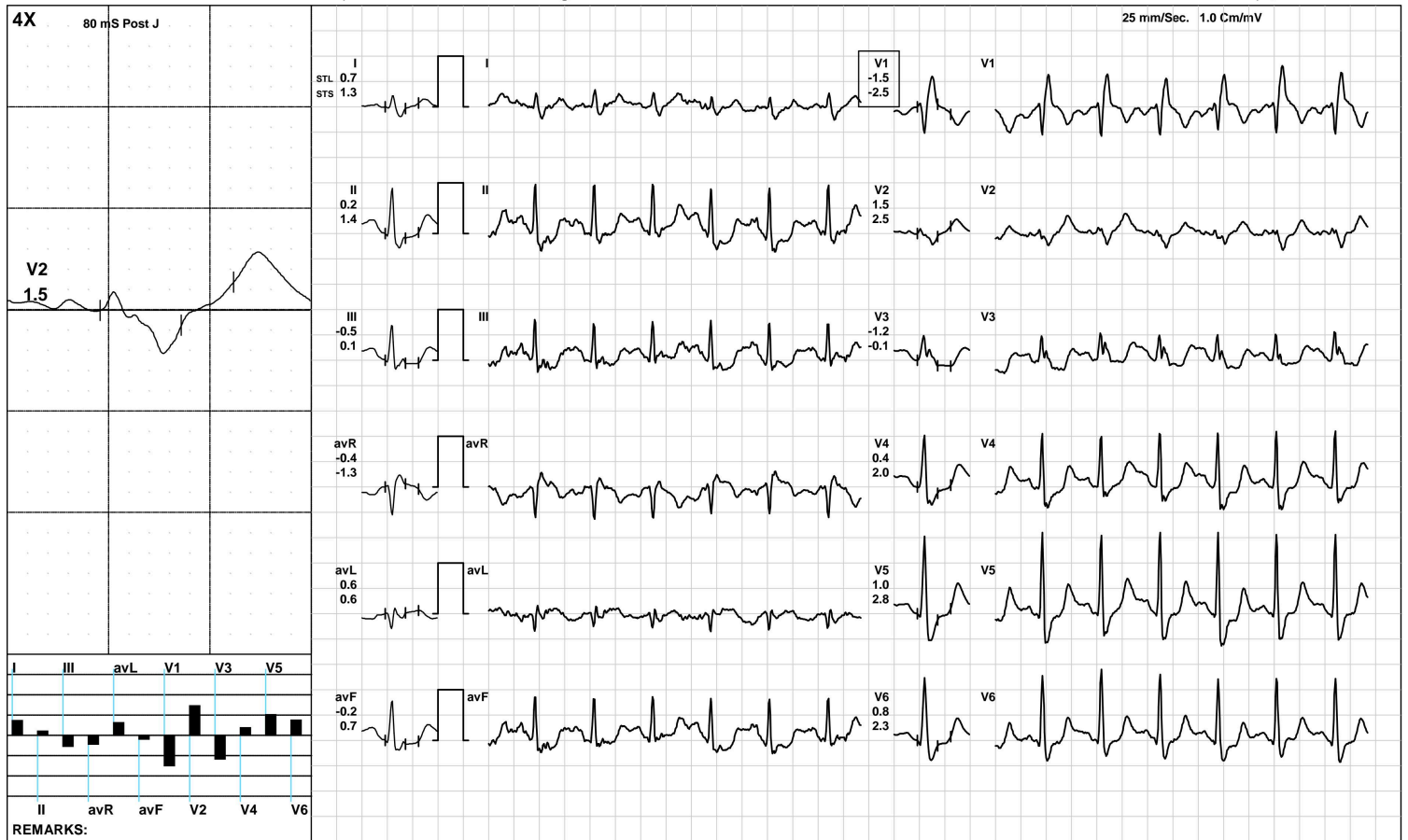


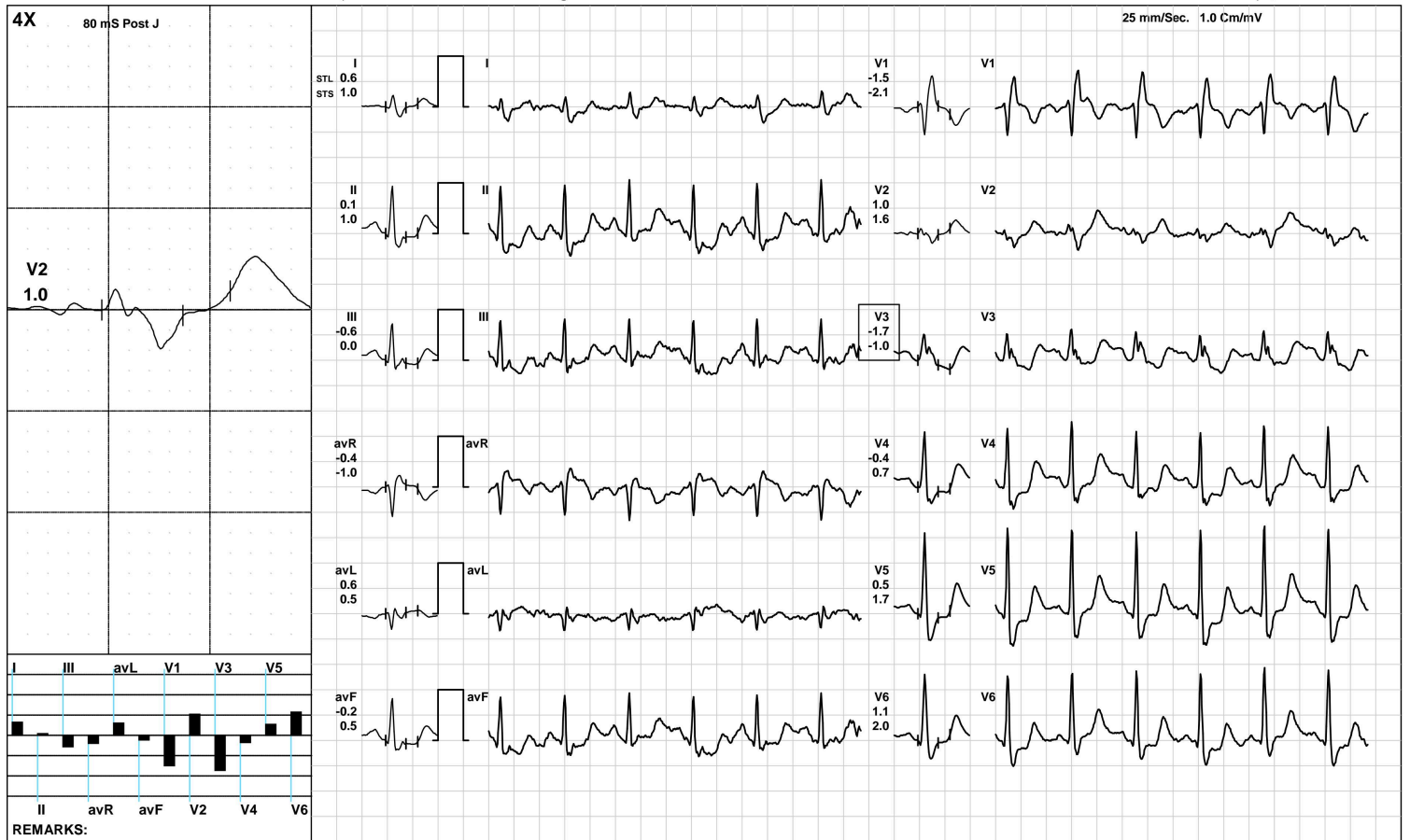
1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 149

Date: 11-Mar-2023 12:32:12 PM METS: 9.2/ 149 bpm 88% of THR BP: 160/100 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:01 3.4 mph, 14.0%







Aarogam Diagnostics

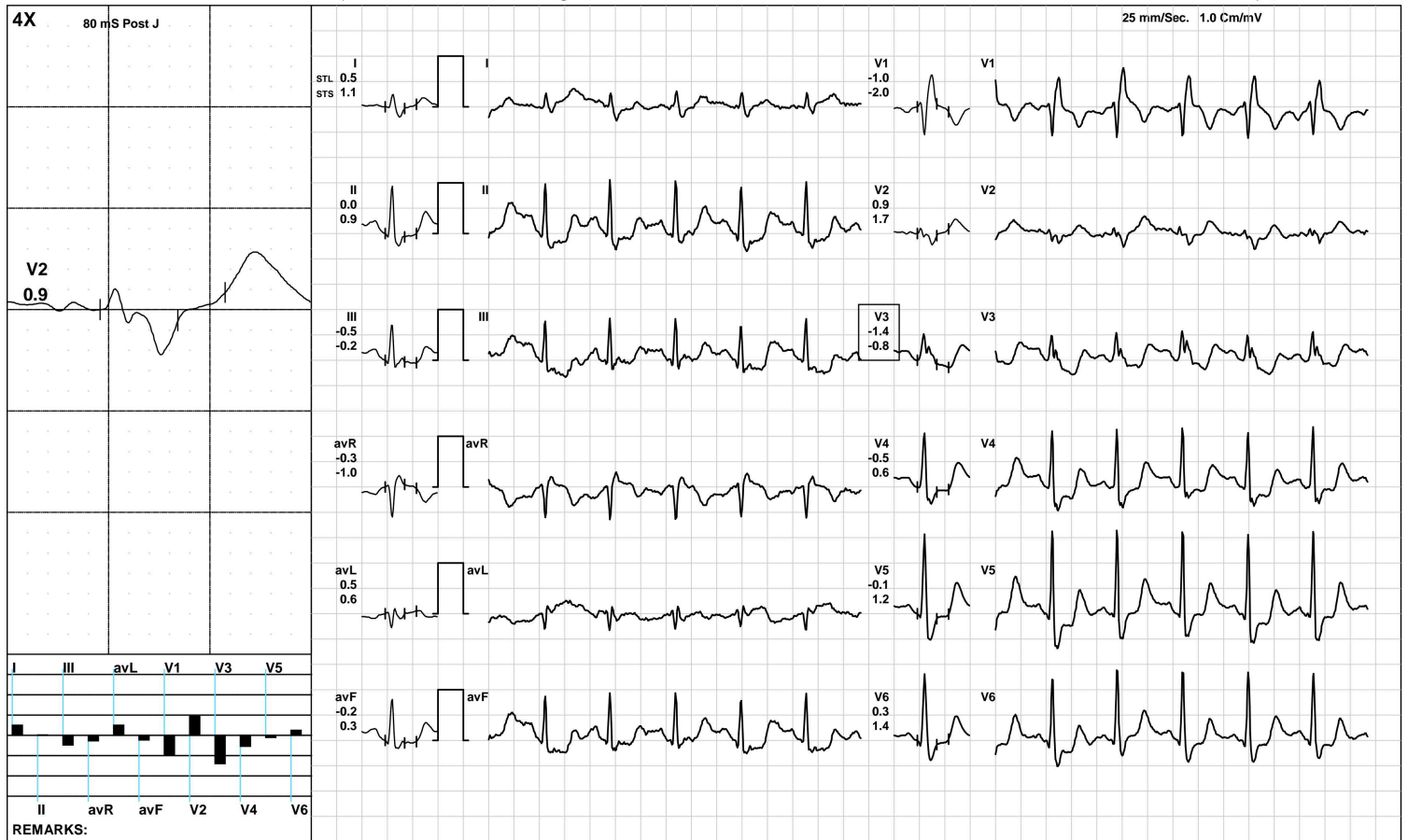
Recovery(2:13)



1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 112

Date: 11-Mar-2023 12:32:12 PM METS: 1.0/ 112 bpm 66% of THR BP: 150/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:02 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

ST Measurements



1827 / MANOJ KUMAR / 52 Yrs / M / 167 Cms / 59 Kg / HR : 73

Date: 11-Mar-2023 12:32:12 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	1.2	2.2	1.0	-1.7	0.1	1.6	-1.6	2.2	1.4	2.5	2.8	2.3	0.9	1.2	0.3	-1.0	0.3	0.8	-1.5	1.3	0.3	1.1	1.4	1.4	
80 @mS Standing	1.2	2.2	1.0	-1.7	0.1	1.6	-1.6	2.2	1.4	2.5	2.8	2.3	0.9	1.2	0.3	-1.0	0.3	0.8	-1.5	1.3	0.3	1.1	1.4	1.4	
HV	1.1	1.8	0.7	-1.5	0.2	1.2	-1.3	2.1	1.6	2.6	2.8	2.3	0.9	1.0	0.1	-1.0	0.4	0.6	-1.4	1.2	0.4	1.1	1.4	1.3	
Warm Up	1.2	2.4	1.2	-1.8	0.0	1.8	-1.5	2.1	1.6	2.7	3.0	2.5	0.9	1.2	0.4	-1.1	0.3	0.8	-1.5	1.4	0.4	1.3	1.6	1.6	
ExStart	1.3	2.4	1.1	-1.8	0.1	1.8	-1.2	2.1	1.5	2.6	3.1	2.5	0.9	1.2	0.3	-1.0	0.3	0.7	-1.2	1.3	0.3	1.3	1.7	1.7	
Stage 1	0.8	1.4	0.6	-1.1	0.1	1.0	-1.3	1.8	0.8	2.4	2.7	1.7	1.0	1.8	0.8	-1.4	0.1	1.3	-1.9	1.6	0.6	2.1	2.7	2.0	
Stage 2	0.7	0.1	-0.6	-0.4	0.6	-0.2	-0.9	1.1	-1.0	0.3	0.8	0.8	1.2	1.1	-0.1	-1.2	0.6	0.5	-1.6	1.9	-0.1	1.6	2.2	1.8	
PeakEx	-0.4	-3.7	-3.3	2.1	1.4	-3.5	1.0	-0.3	-3.8	-3.9	-3.8	-2.7	2.5	0.7	-1.9	-1.7	2.3	-0.6	-5.6	3.3	-1.9	2.8	4.1	3.0	
Recovery	0.4	0.0	-0.4	-0.2	0.4	-0.2	-1.1	1.8	-0.7	0.7	1.3	1.3	1.2	1.2	0.0	-1.2	0.6	0.6	-2.0	2.8	0.4	2.5	3.1	2.6	
Recovery	0.5	0.4	-0.1	-0.4	0.3	0.1	-1.4	1.2	-1.6	-0.5	0.1	0.7	0.9	1.0	0.2	-1.0	0.3	0.6	-2.1	2.1	-0.8	0.8	1.5	1.9	
Recovery	0.5	0.0	-0.5	-0.3	0.5	-0.2	-1.0	0.9	-1.4	-0.5	-0.1	0.3	1.1	0.9	-0.2	-1.0	0.6	0.3	-2.0	1.7	-0.8	0.6	1.2	1.4	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	10.8	21.7	10.9	-16.4	-0.1	16.4	-14.6	18.2	12.9	22.2	25.1	21.1
Standing	10.8	21.7	10.9	-16.4	-0.1	16.4	-14.6	18.2	12.9	22.2	25.1	21.1
HV	10.4	18.8	8.5	-14.7	1.0	13.7	-12.9	18.2	14.0	23.0	25.5	21.7
Warm Up	10.3	22.1	11.8	-16.1	-0.9	17.0	-13.9	17.2	13.5	22.7	26.3	21.7
ExStart	10.3	20.9	10.6	-15.5	-0.1	15.8	-12.0	17.3	12.3	21.3	26.1	21.7
Stage 1	5.2	8.3	3.0	-6.8	1.1	5.6	-7.3	11.2	5.0	14.6	16.8	10.8
Stage 2	2.7	-0.3	-3.1	-1.2	3.0	-1.8	-3.9	4.7	-7.1	-0.5	2.2	1.8
PeakEx	-4.2	-22.5	-18.2	13.3	6.9	-20.4	9.1	-5.3	-22.0	-25.6	-25.4	-18.3
Recovery	0.1	-2.2	-2.4	1.0	1.2	-2.3	-3.8	7.7	-6.3	0.7	3.3	3.9
Recovery	2.6	2.3	-0.4	-2.4	1.6	1.0	-8.1	6.4	-10.1	-3.3	1.2	3.9
Recovery	2.6	0.0	-2.6	-1.3	2.6	-1.4	-5.4	5.2	-8.3	-2.4	0.7	1.6



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	90	272	70	74	156	191	1474	-260	585	460	V1	-51	0.00	0	0
01:00	95	218	70	77	501	196	1578	-200	538	388	V1	-63	0.00	0	0
01:30	102	96	70	77	164	243	1565	-226	489	400	V1	-93	0.00	0	0
02:00	107	132	70	78	174	219	1475	-277	501	432	V1	-53	0.00	0	0
02:30	110	180	70	78	171	235	1482	-317	518	435	V1	-52	0.00	0	0
03:00	109	170	70	80	187	248	1515	-327	524	461	V1	-46	0.00	0	0
03:30	112	148	70	81	178	230	1510	-349	541	447	V1	-42	0.00	0	0
04:00	116	172	70	80	171	261	1554	-370	515	428	V1	-62	0.00	0	0
04:30	119	154	70	82	210	270	1540	-440	520	131	V3	-20	0.00	0	0
05:00	123	156	70	81	380	255	1510	-461	537	-67	III	-49	0.00	0	0
05:30	125	90	70	83	195	239	1505	-496	529	-262	II	-100	0.00	0	0
06:00	127	130	72	82	217	250	1555	-515	558	-103	III	-89	0.00	0	0
06:30	126	142	68	82	234	268	1552	-510	557	69	V3	-85	0.00	0	0
07:00	135	138	70	83	236	270	1522	-524	544	84	V3	-133	0.00	0	0
07:30	142	104	68	83	247	270	1476	-602	528	-596	V5	-162	0.00	0	0
08:00	145	120	68	85	220	291	1482	-616	-524	-594	V5	-172	0.00	0	0
08:30	147	118	68	85	218	297	1437	-641	-537	41	V3	-179	0.00	0	0
09:00	141	120	68	85	235	301	1379	-620	569	35	V3	-160	0.00	0	0
09:30	130	92	68	85	370	307	1543	-580	597	94	V3	-101	0.00	0	0
10:00	121	144	72	82	374	272	1582	-537	611	122	V3	-106	0.00	0	0
10:30	120	152	72	81	193	250	1562	-508	616	141	V3	-129	0.00	0	0



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 info@aarogyamdiagnostics.com
 www.aarogyamdiagnostics.com

Date	11/03/2023	Srl No.	23	Patient Id	2303110023
Name	Mr. MANOJ KUMAR	Age	53 Yrs.	Sex	M
Ref. By	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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Date	11/03/2023	Srl No.	23	Patient Id	2303110023
Name	Mr. MANOJ KUMAR	Age	53 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.7	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	5,900	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	65	%	40 - 75
LYMPHOCYTE	29	%	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	4.56	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	40.9	%	40 - 54
M C V	89.69	fl.	80 - 100
M C H	30.04	Picogram	27.0 - 31.0
M C H C	33.5	gm/dl	33 - 37
PLATELET COUNT	2.15	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	82.5	mg/dl	70 - 110
SERUM CREATININE	1.13	mg%	0.7 - 1.4
BLOOD UREA	25.4	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.5	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



Date	11/03/2023	Srl No. 23	Patient Id 2303110023
Name	Mr. MANOJ KUMAR	Age 53 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.71	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.28	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.43	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.4	gm/dl	6.6 - 8.3
ALBUMIN	3.5	gm/dl	3.4 - 5.2
GLOBULIN	2.9	gm/dl	2.3 - 3.5
A/G RATIO	1.207		
SGOT	27.6	IU/L	5 - 40
SGPT	31.5	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	91.5	U/L	40.0 - 130.0
GAMMA GT	23.9	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	87.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	130.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	51.6	mg/dL	35.1 - 88.0
V L D L	17.5	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	61	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.521		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.182		0.00 - 3.55
THYROID PROFILE			
QUANTITY	10	ml.	



Date	11/03/2023	Srl No. 23	Patient Id 2303110023
Name	Mr. MANOJ KUMAR	Age 53 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.020		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	1-2	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	2-3	/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.



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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	11/03/2023	Srl No.	23	Patient Id	2303110023
Name	Mr. MANOJ KUMAR	Age	53 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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



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Date	11/03/2023	Srl No.	23	Patient Id	2303110023
Name	Mr. MANOJ KUMAR	Age	53 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR PP	105.6	mg/dl	80 - 160
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STOOL EXAMINATION

STOOL ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

COLOUR/ APPEARANCE	BROWNISH
CONSISTENCY	SEMI-FORMED
PUS	NIL
MUCUS	NIL
BLOOD	NIL

CHEMICAL REACTION

REACTION	ACIDIC
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MICROSCOPY EXAMINATION

PUS CELLS	/HPF
RBC'S	NIL
OVA	NIL
CYST	NIL
BACTERIA	NIL
OTHERS	NIL

**** End Of Report ****

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



MC-3319

Kolkata Lab : Block DD-30, Sector-1, "Andromeda", Ground Floor, Salt lake, Kolkata-700064
 Landline No: 033-40818800/ 8888/ 8899 | Email ID: kolkata@unipath.in | Website: www.unipath.in
 CIN : U85195GJ2009PLC057059



30304100159

TEST REPORT

Reg.No : 30304100159	Reg.Date : 12-Mar-2023 10:47	Collection : 12-Mar-2023 10:47
Name : MR. MANOJ KUMAR		Received : 12-Mar-2023 10:47
Age : 53 Years	Sex : Male	Report : 12-Mar-2023 14:39
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 12-Mar-2023 14:59
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID PROFILE			
Tri-iodothyronine (Total T3) <i>Method:CLIA</i>	1.15	ng/mL	0.60 - 1.81
Thyroxin (Total T4) <i>Method:CLIA</i>	7.80	µg/dL	4.5 - 12.6
Thyroid Stimulating Hormone (TSH.) <i>Method:CLIA</i> Ultra Sensitive	4.359	µIU/mL	0.55 - 4.78

Sample Type: Serum**Note:****TSH Reference Range in Pregnancy :**

- Pregnancy 1st Trimester 0.1 - 2.5 uIU/ml
- Pregnancy 2nd Trimester 0.2 - 3.0 uIU/ml
- Pregnancy 3rd Trimester 0.3 - 3.0 uIU/ml

- TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm. The variation is of the order of 50 %. Hence time of the day has an influence on the measured serum TSH concentrations.
- Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- The physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.
- All infants with a low T4 concentration and a TSH concentration greater than 40 uIU/L are considered to have congenital hypothyroidism and should have immediate confirmatory serum testing.
- If the TSH concentration is slightly elevated but less than 40 uIU/L, a second screening test should be performed on a new sample. Results should be interpreted using age-appropriate normative values

Clinical Use:

- Primary Hypothyroidism · Hyperthyroidism · Hypothalamic -Pituitary hypothyroidism · Inappropriate TSH secretion · Nonthyroidal illness· Autoimmune thyroid disease · Pregnancy-associated thyroid disorders · Thyroid dysfunction in infancy and early childhood

----- End Of Report -----

Dr. Abhishek Mukherjee

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 59390 (WBMC)