



भारत सरकार

Government of India



मधुलिका कुमारी

Madhulika Kumari

जन्म तिथि / DOB 01/03/1987

महिला / Female



5683 0523 3853

आधार - आम आदमी का अधिकार

ID: 742

11-03-2023 12:38:47 PM

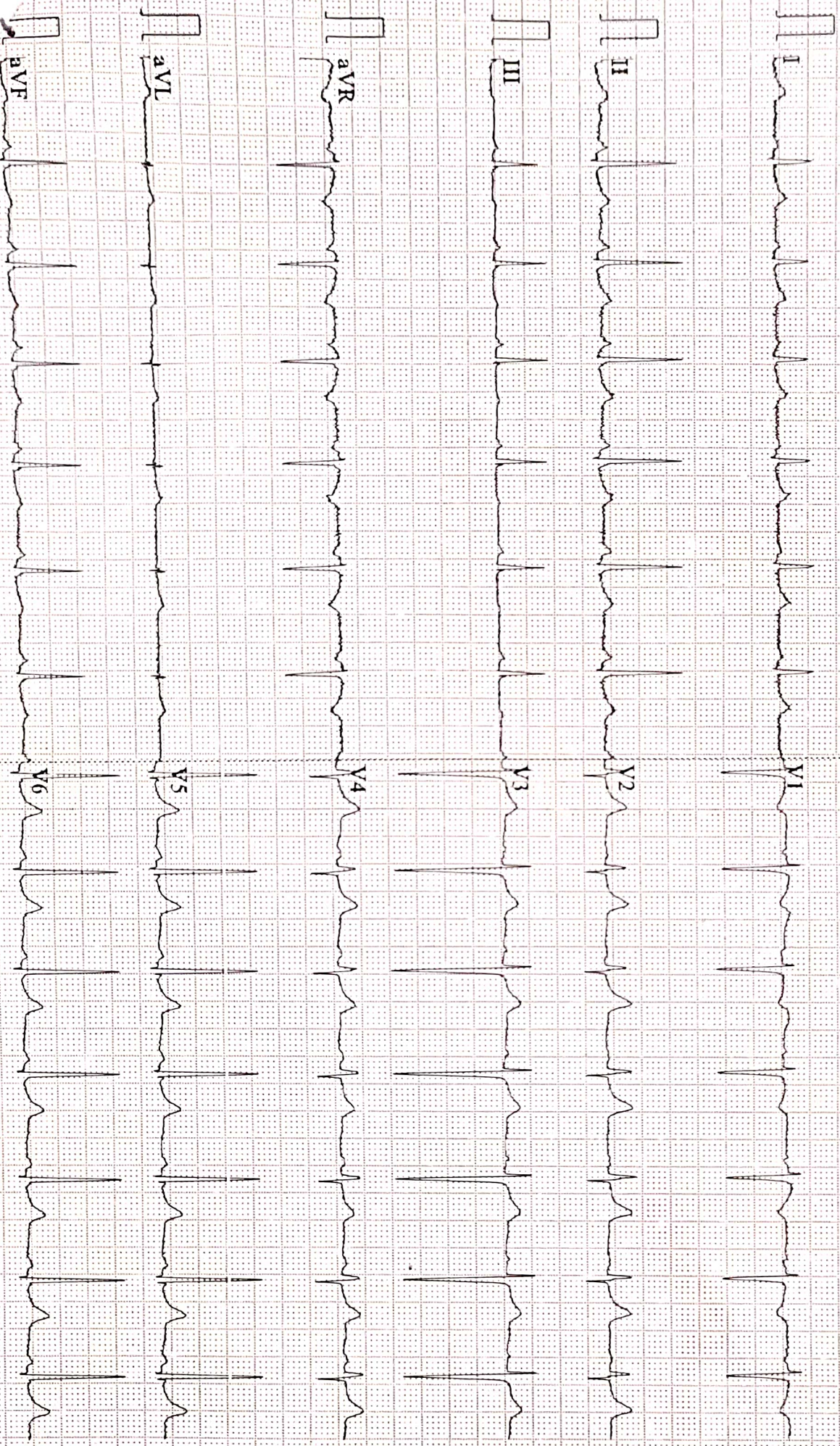
MADHULIKA KUMARI  
Female 36Years

Diagnosis Information:

Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

HR : 81 bpm  
P : 91 ms  
PR : 135 ms  
QRS : 73 ms  
QT/QTc : 365/426 ms  
P/QRS/T : 72/67/42 °  
RV5/SV1 : 1.79/1.150 mV

Ref-Phys. :  
Report Confirmed by:



1000Hz AC50 25mm/s 10mm/mV 2\*5.0s V2.2 SEMIP VI.8I DAIGNOSTIC



Name :- Madhulika Kumari  
Refd by :- BoB

Age/Sex:- 36Yrs/F  
Date :-11/03/23

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size(11.1cm) 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 (8.9cm)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 8.6cm and Left Kidney measures 9.2cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- **Mild enlarged in size (8.8cm x 4.6cm) and Retroverted in position** with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 28mm x 18mm and Left ovary measures 25mm x 16mm.  
No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *R/V Mild Bulky Uterus.  
Otherwise Normal Scan.*

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



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 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	103	56 %	110/70	113	00	
Standing	00:12	0:01	00.0	00.0	01.0	116	63 %	110/70	127	00	
HV	00:17	0:01	00.0	00.0	01.0	120	65 %	110/70	132	00	
Warm Up	00:22	0:01	01.0	00.0	01.0	118	64 %	110/70	129	00	
ExStart	00:32	0:06	01.7	10.0	01.1	123	67 %	110/70	135	00	
BRUCE/ Stage 1	03:32	3:00	01.7	10.0	04.7	150	82 %	115/75	172	00	
BRUCE/ Stage 2	06:32	3:00	02.5	12.0	07.1	173	94 %	120/80	207	00	
PeakEx	08:11	1:39	03.4	14.0	08.8	191	104 %	125/85	238	00	
Recovery	09:10	1:00	01.1	00.0	01.2	173	94 %	120/80	207	00	
Recovery	10:10	2:00	01.1	00.0	01.0	152	83 %	115/75	174	00	
Recovery	10:22	2:11	01.1	00.0	01.0	152	83 %	115/75	174	00	

**Findings :**

Exercise Time : 07:40  
Max HR Attained : 191 bpm 104% of Target 184  
Max BP Attained : (Sys) 125/85  
Max WorkLoad Attained : 8.8 Fair response to induced stress  
Max ST Dep Lead & Value : V5 & -1.6 mm in PeakEx mm  
Test End Reasons : Test Complete, Fatigue

**Report :**

**Aarogam Diagnostics**

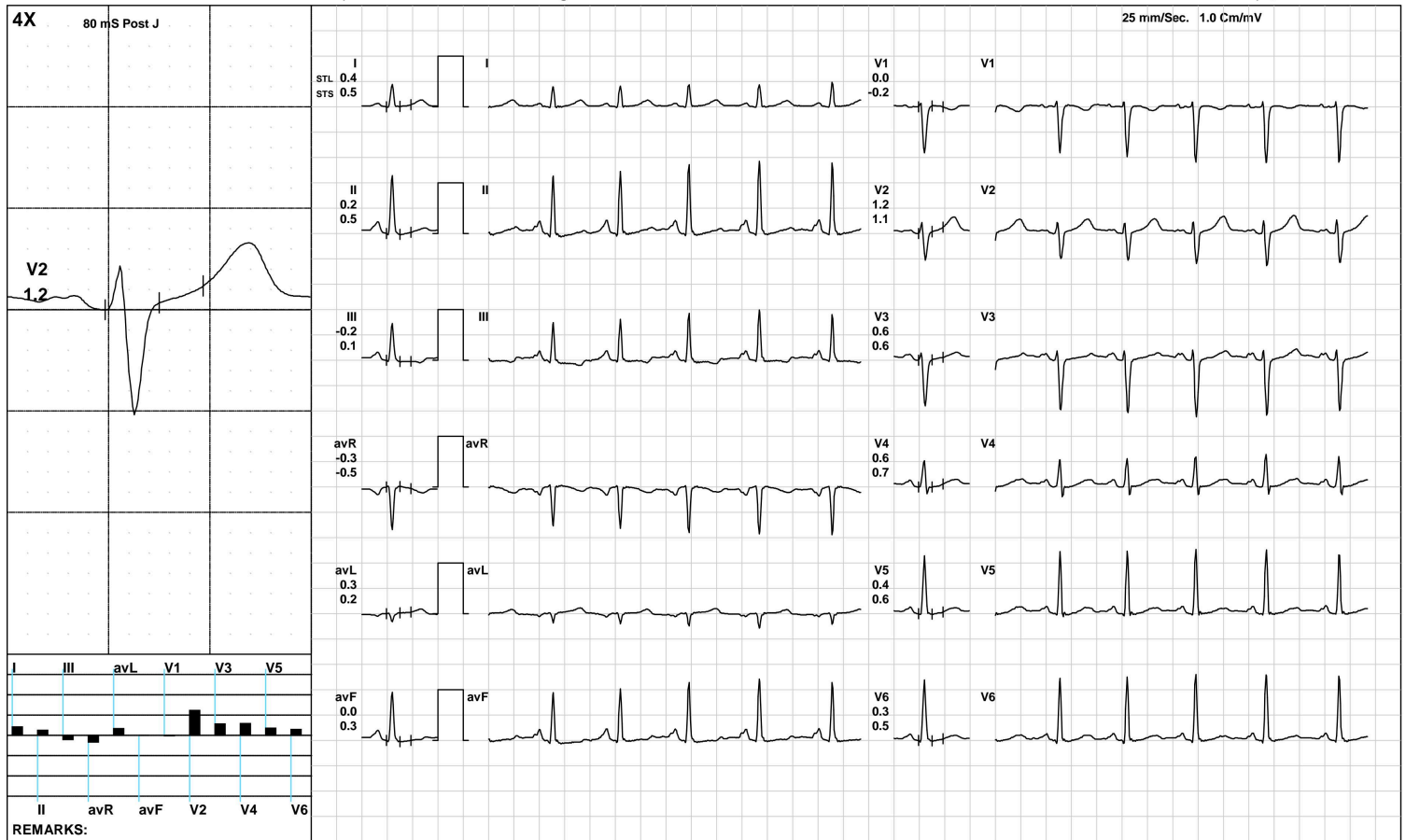
Supine



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 103

Date: 11-Mar-2023 01:13:31 PM METS: 1.0/ 103 bpm 55% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:03 0.0 mph, 0.0%



**Aarogam Diagnostics**

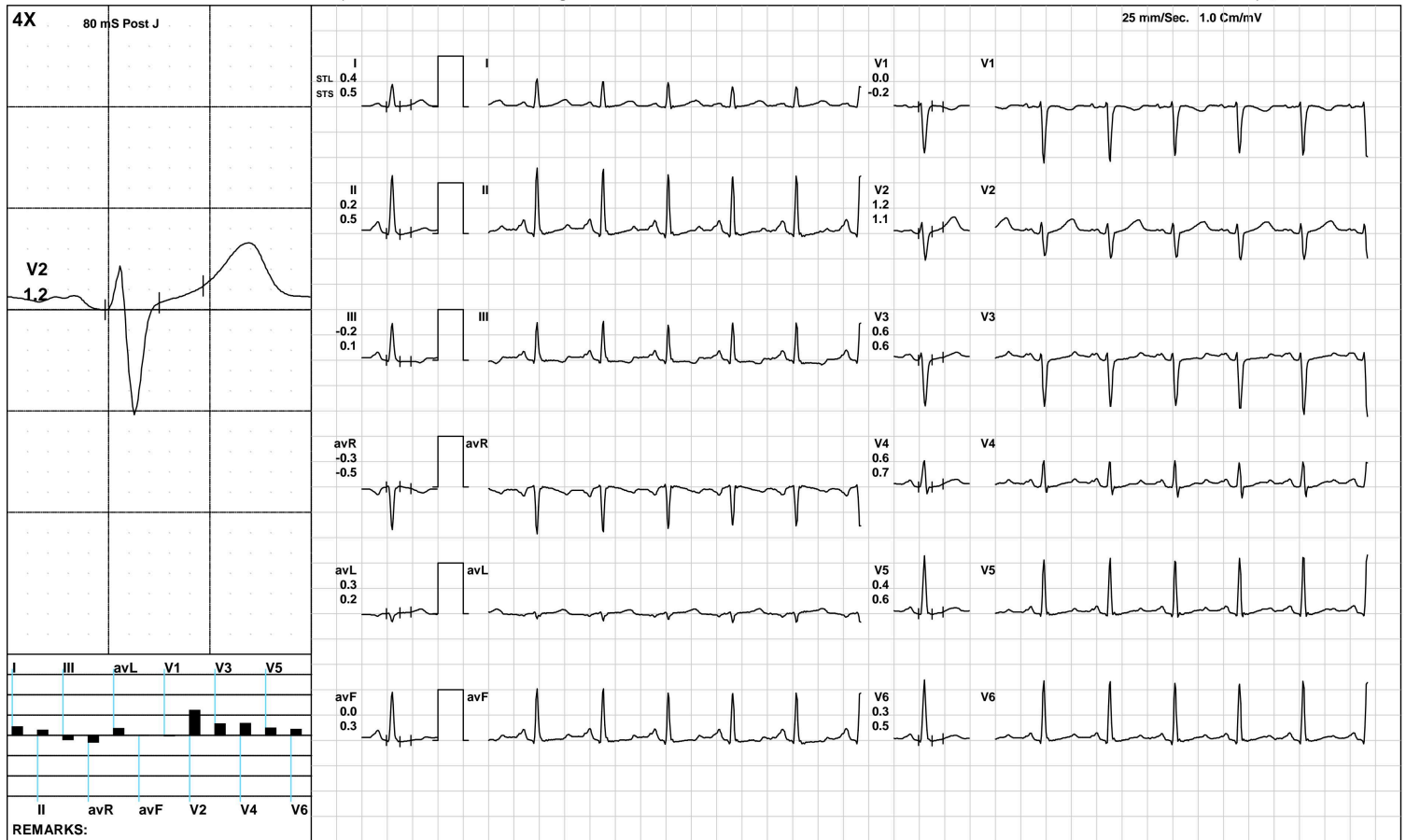
1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 116

Standing



Date: 11-Mar-2023 01:13:31 PM METS: 1.0/ 116 bpm 63% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:12 0.0 mph, 0.0%



**Aarogam Diagnostics**

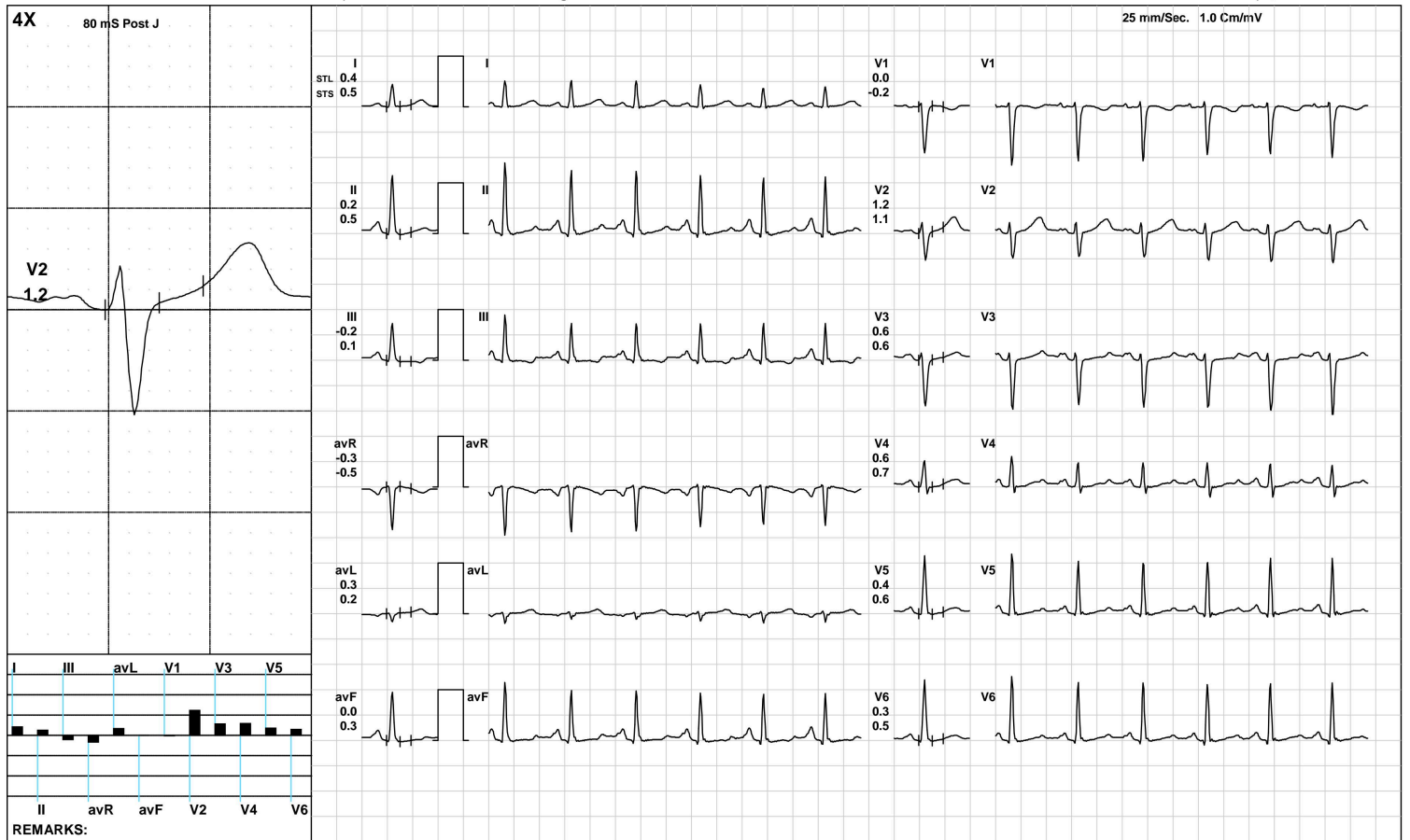
HV



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 120

Date: 11-Mar-2023 01:13:31 PM METS: 1.0/ 120 bpm 65% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:17 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

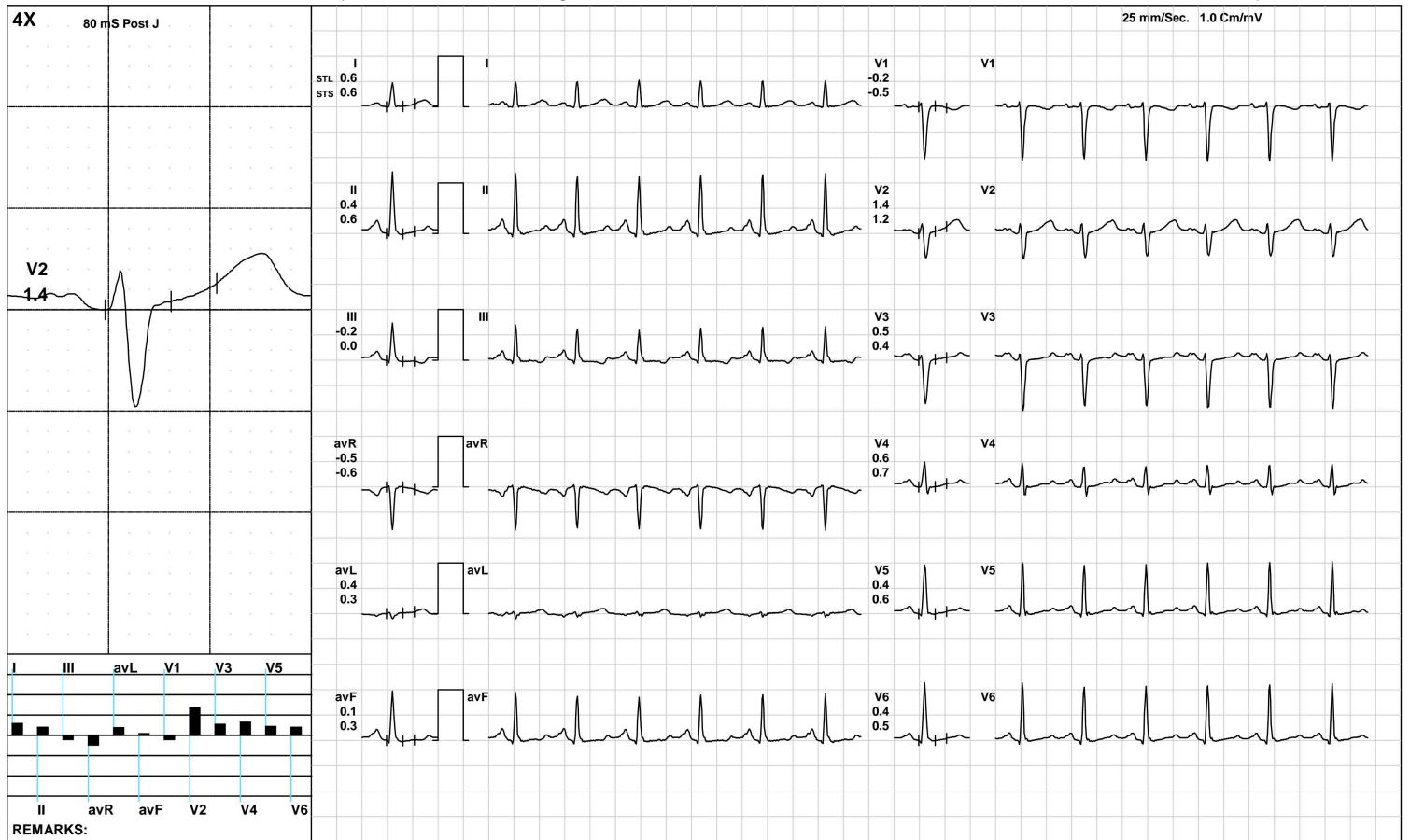
Warm Up



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 118

Date: 11-Mar-2023 01:13:31 PM METS: 1.0/ 118 bpm 64% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:22 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**Aarogam Diagnostics**

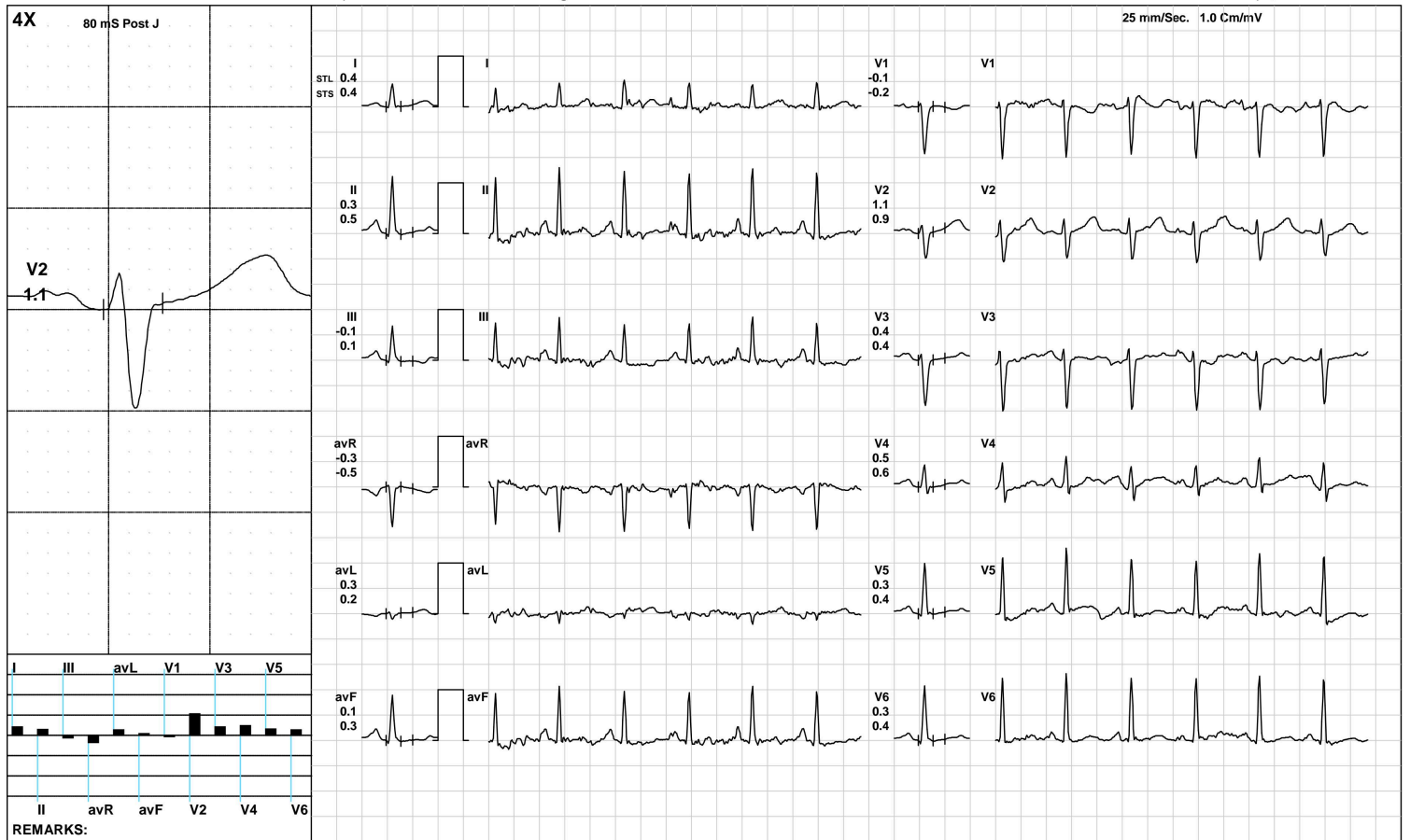
**ExStart**



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 123

Date: 11-Mar-2023 01:13:31 PM METS: 1.1/ 123 bpm 66% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 1.7 mph, 10.0%



Aarogam Diagnostics

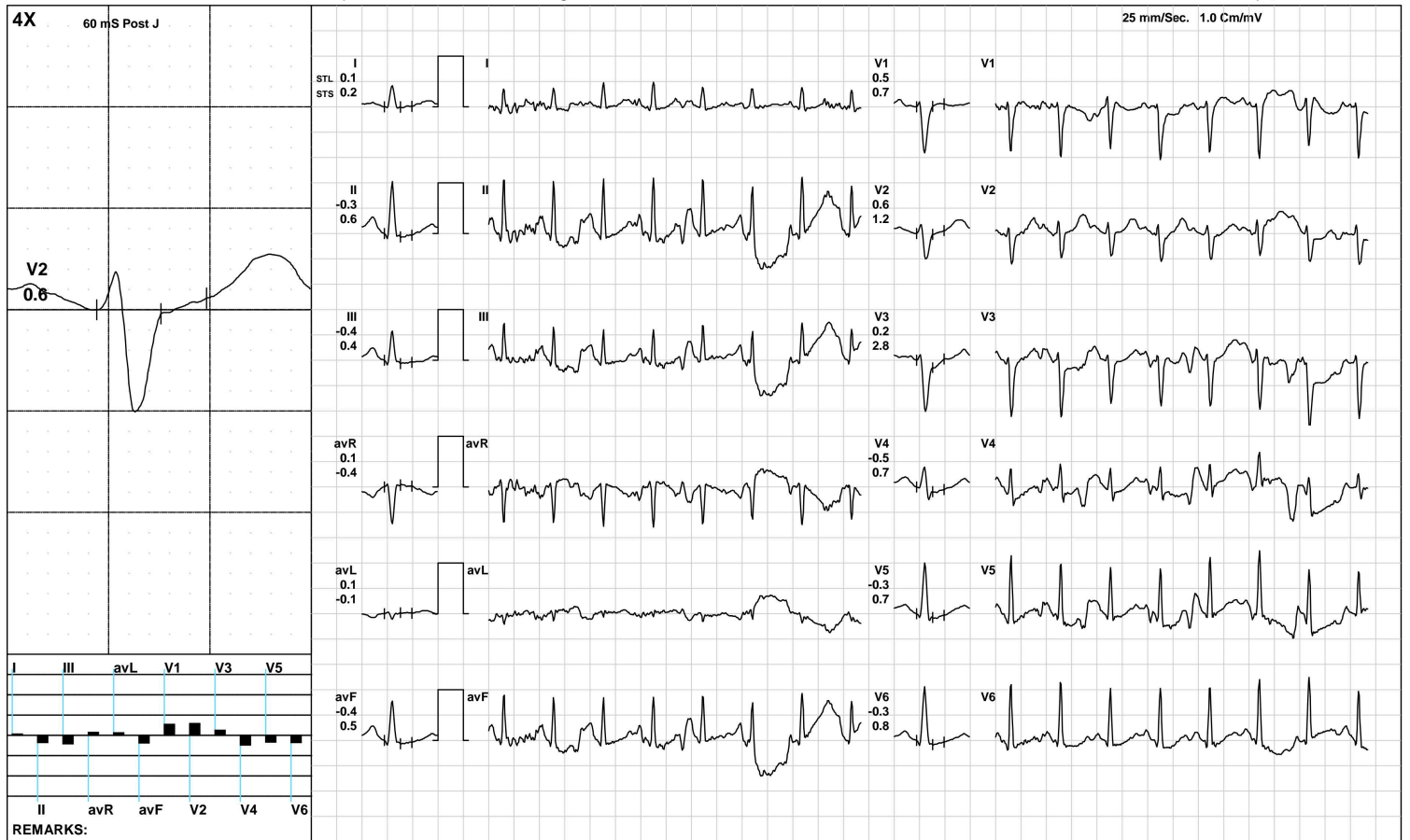
BRUCE/Stage 1(3:00)



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 150

Date: 11-Mar-2023 01:13:31 PM METS: 4.7/ 150 bpm 81% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 03:00 1.7 mph, 10.0%



**Aarogam Diagnostics**

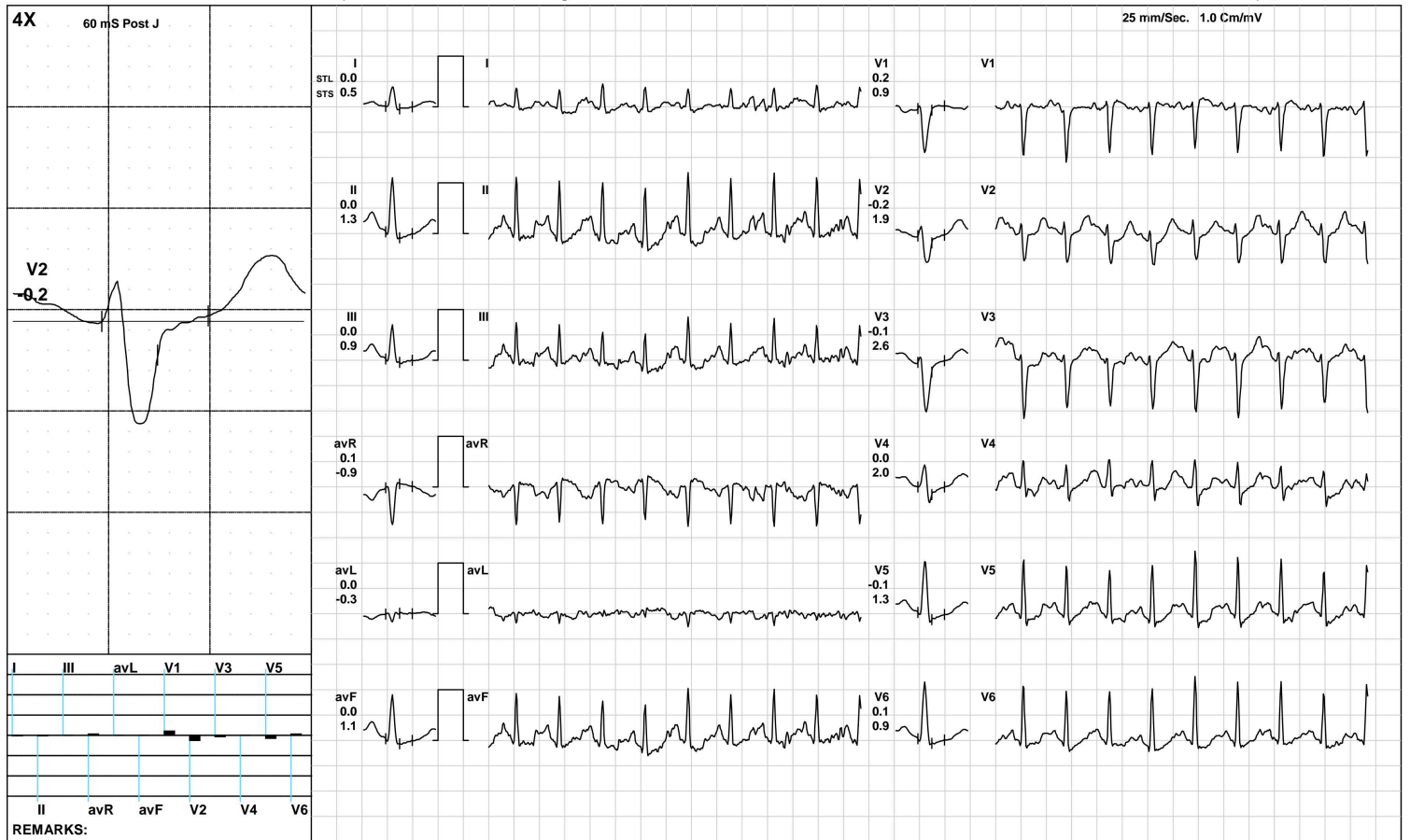
**BRUCE/Stage 2(3:00)**



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 173

Date: 11-Mar-2023 01:13:31 PM METS: 7.1/ 173 bpm 94% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:00 2.5 mph, 12.0%



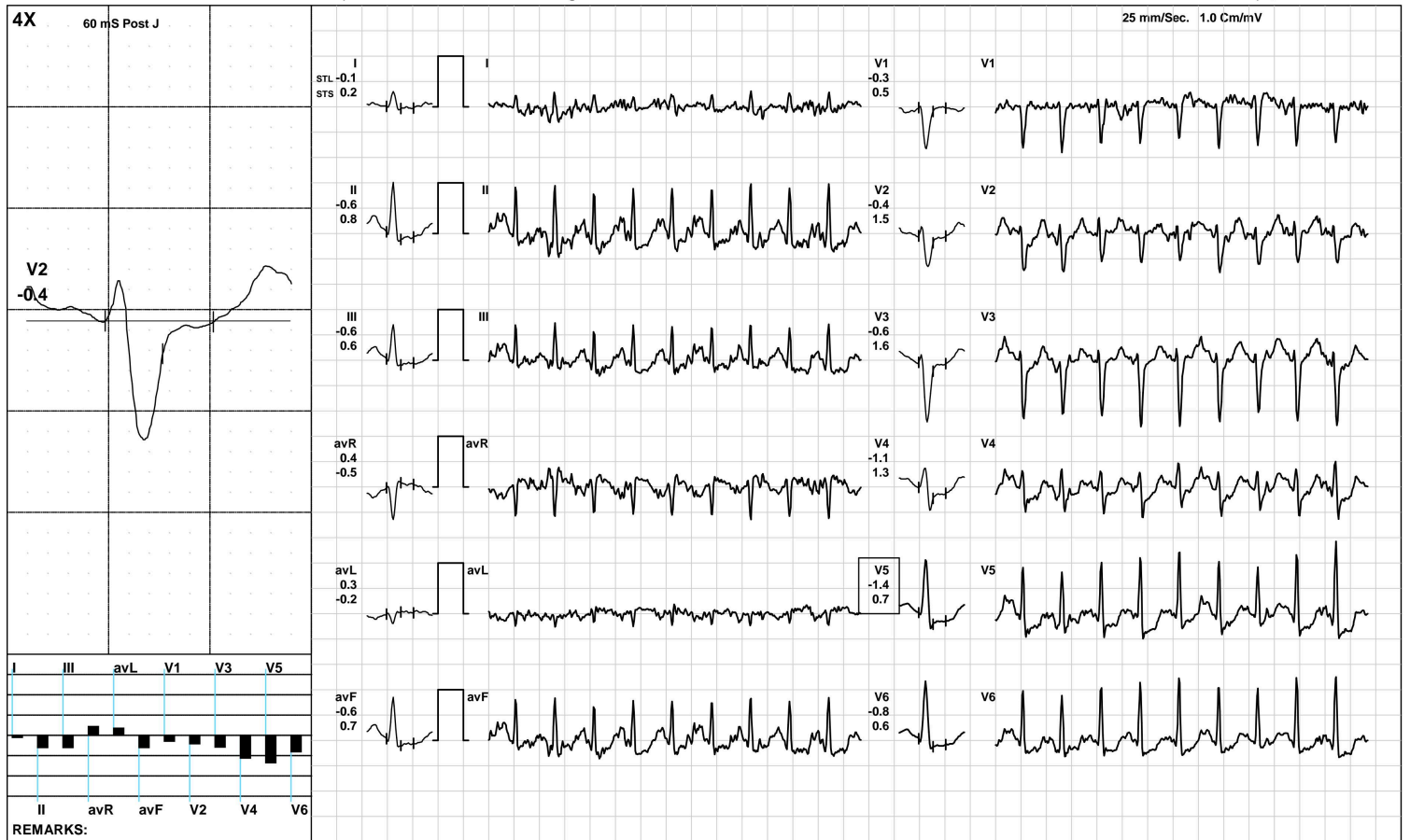
(GEM212170906)(R)Kardic by Allengers



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 191

Date: 11-Mar-2023 01:13:31 PM METS: 8.8/ 191 bpm 103% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:39 3.4 mph, 14.0%



**Aarogam Diagnostics**

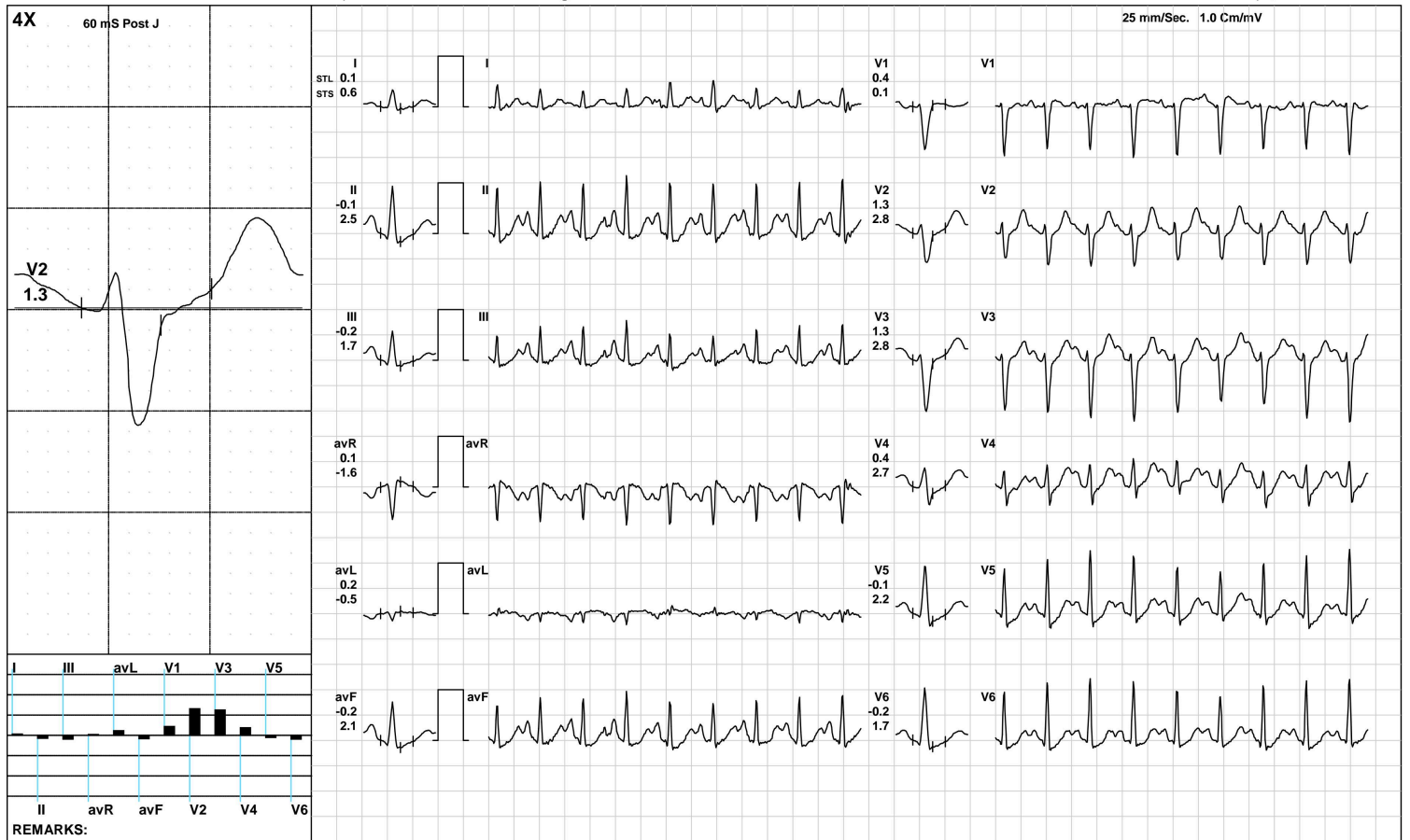
1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 173

Recovery(1:00)



Date: 11-Mar-2023 01:13:31 PM METS: 1.2/ 173 bpm 94% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

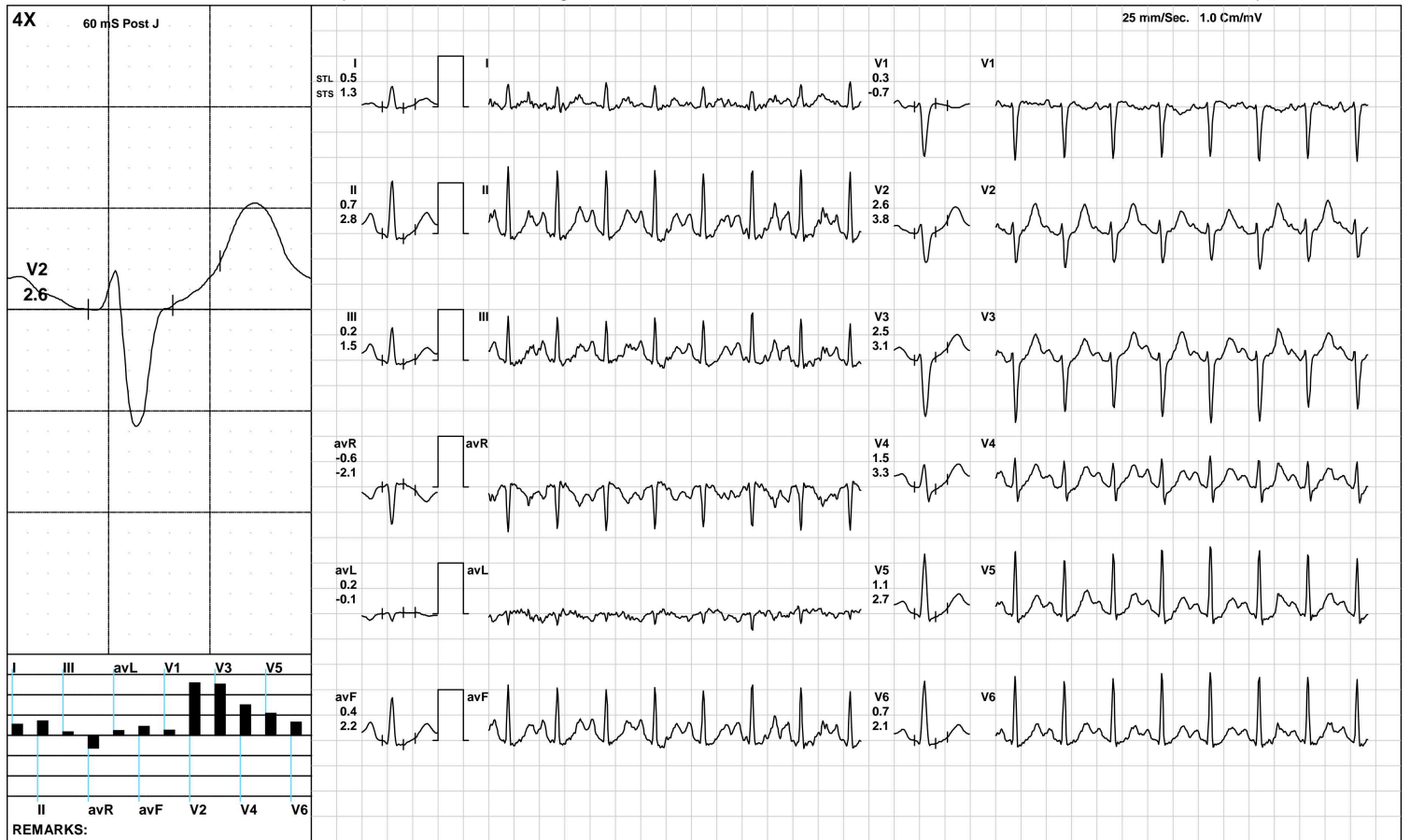
**Recovery(2:00)**



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 152

Date: 11-Mar-2023 01:13:31 PM METS: 1.0/ 152 bpm 82% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

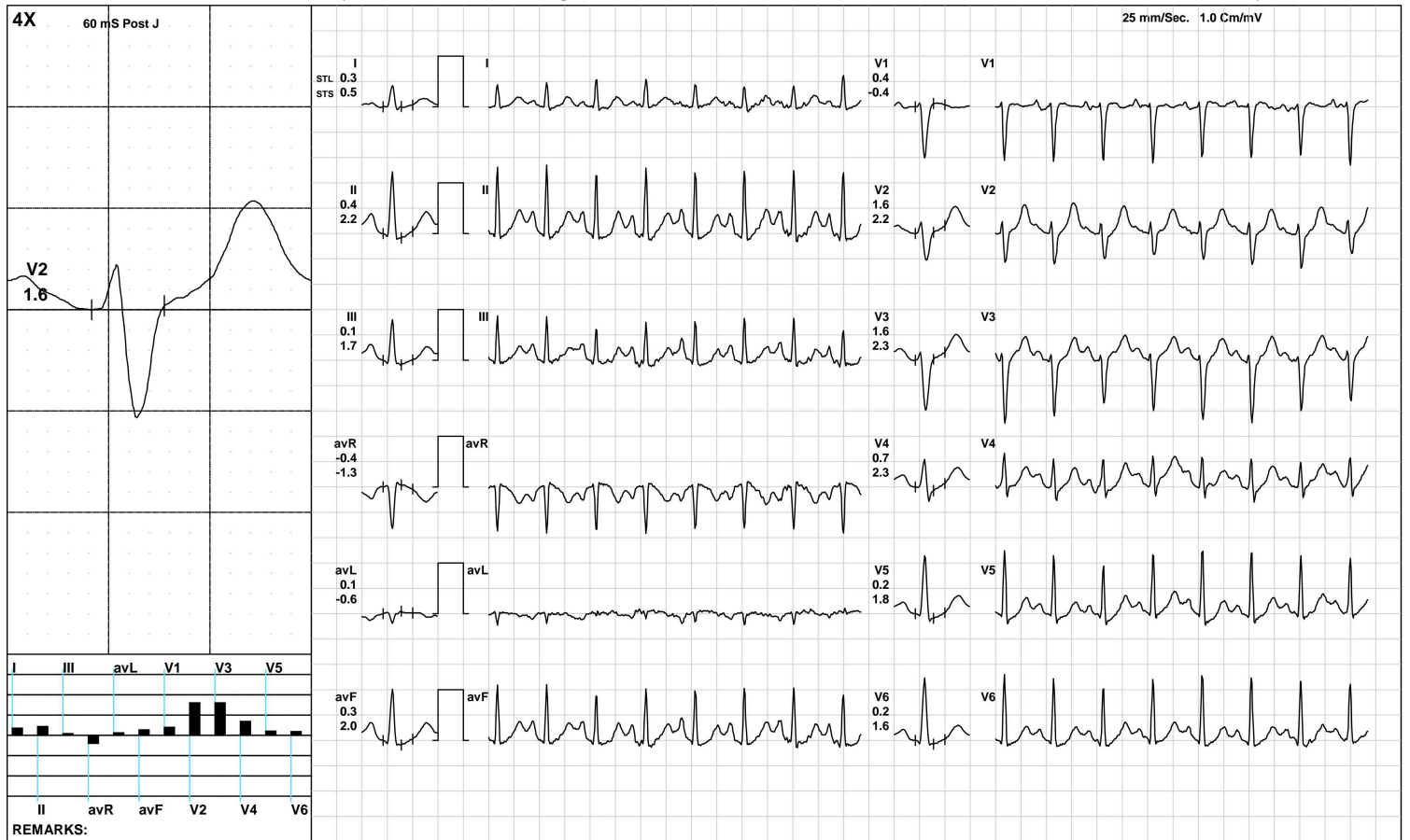
**Recovery(2:11)**



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 152

Date: 11-Mar-2023 01:13:31 PM METS: 1.0/ 152 bpm 82% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

**ST Measurements**



1829 / MADHULIKA KUMARI / 36 Yrs / F / 164 Cms / 65 Kg / HR : 118

Date: 11-Mar-2023 01:13:31 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	0.4	0.2	-0.2	-0.3	0.3	0.0	0.0	1.2	0.6	0.6	0.4	0.3	0.5	0.5	0.1	-0.5	0.2	0.3	-0.2	1.1	0.6	0.7	0.6	0.5	
60 @mS Standing	0.4	0.2	-0.2	-0.3	0.3	0.0	0.0	1.2	0.6	0.6	0.4	0.3	0.5	0.5	0.1	-0.5	0.2	0.3	-0.2	1.1	0.6	0.7	0.6	0.5	
HV	0.4	0.2	-0.2	-0.3	0.3	0.0	0.0	1.2	0.6	0.6	0.4	0.3	0.5	0.5	0.1	-0.5	0.2	0.3	-0.2	1.1	0.6	0.7	0.6	0.5	
Warm Up	0.6	0.4	-0.2	-0.5	0.4	0.1	-0.2	1.4	0.5	0.6	0.4	0.4	0.6	0.6	0.0	-0.6	0.3	0.3	-0.5	1.2	0.4	0.7	0.6	0.5	
ExStart	0.4	0.3	-0.1	-0.3	0.3	0.1	-0.1	1.1	0.4	0.5	0.3	0.3	0.4	0.5	0.1	-0.5	0.2	0.3	-0.2	0.9	0.4	0.6	0.4	0.4	
Stage 1	0.1	-0.3	-0.4	0.1	0.1	-0.4	0.5	0.6	0.2	-0.5	-0.3	-0.3	0.2	0.6	0.4	-0.4	-0.1	0.5	0.7	1.2	2.8	0.7	0.7	0.8	
Stage 2	0.0	0.0	0.0	0.1	0.0	0.0	0.2	-0.2	-0.1	0.0	-0.1	0.1	0.5	1.3	0.9	-0.9	-0.3	1.1	0.9	1.9	2.6	2.0	1.3	0.9	
PeakEx	-0.3	-1.2	-0.9	0.8	0.2	-1.0	0.6	0.5	0.3	-1.1	-1.6	-1.2	-0.1	0.9	0.9	-0.5	-0.5	0.9	1.4	1.9	2.0	1.1	0.5	0.7	
Recovery	0.1	-0.2	-0.4	0.0	0.3	-0.3	0.7	1.3	1.3	0.4	-0.2	-0.1	0.6	2.2	1.4	-1.5	-0.3	1.8	0.2	2.4	2.7	2.4	2.1	1.8	
Recovery	0.7	1.0	0.3	-0.8	0.2	0.7	0.6	2.3	2.2	1.5	0.7	0.5	1.4	2.8	1.4	-2.1	0.0	2.1	-0.2	3.4	2.8	3.1	2.4	2.1	
Recovery	0.3	0.4	0.1	-0.4	0.1	0.3	0.4	1.6	1.6	0.7	0.2	0.2	0.5	2.2	1.7	-1.3	-0.6	2.0	-0.4	2.2	2.3	2.3	1.8	1.6	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	2.8	1.0	-2.0	-1.9	2.5	-0.5	0.3	8.6	4.0	3.4	2.1	1.6
Standing	2.8	1.0	-2.0	-1.9	2.5	-0.5	0.3	8.6	4.0	3.4	2.1	1.6
HV	2.8	1.0	-2.0	-1.9	2.5	-0.5	0.3	8.6	4.0	3.4	2.1	1.6
Warm Up	3.7	1.9	-1.8	-2.9	2.7	0.0	-0.6	9.0	3.6	3.5	2.3	2.1
ExStart	2.4	1.1	-1.3	-1.7	1.8	-0.1	0.2	6.7	2.7	2.4	1.6	1.2
Stage 1	0.1	-2.9	-3.0	1.5	0.9	-3.0	3.0	1.4	-4.3	-4.7	-3.7	-3.5
Stage 2	-1.3	-3.0	-1.7	2.4	0.3	-2.3	0.7	-4.1	-3.5	-3.2	-3.6	-1.8
PeakEx	-2.1	-10.6	-7.7	6.7	2.6	-9.1	2.4	-0.1	-0.8	-9.1	-10.5	-9.0
Recovery	-0.9	-5.4	-3.9	3.4	1.2	-4.7	4.4	2.5	2.8	-2.2	-5.2	-4.4
Recovery	0.9	0.0	-1.0	-0.5	1.2	-0.5	4.3	6.3	6.9	3.2	-1.0	-1.1
Recovery	0.9	-1.1	-2.1	0.1	1.3	-1.6	3.8	5.5	5.8	0.4	-2.0	-1.3





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	130	166	60	68	479	289	1211	-1038	272	-13	III	-44	0.00	0	0
01 : 00	138	122	70	67	413	307	1182	-1008	161	-26	III	-31	0.00	0	0
01 : 30	146	126	60	64	402	310	1110	-984	-244	-605	V3	-114	0.00	0	0
02 : 00	150	118	46	66	451	-479	1110	-980	-411	-637	V3	-139	0.00	0	0
02 : 30	149	122	48	65	363	331	1103	-974	270	-306	V4	-164	0.00	0	0
03 : 00	155	114	68	67	392	447	1081	-994	334	-108	V3	-64	0.00	0	0
03 : 30	153	120	68	65	390	351	1157	-1034	-286	-141	V4	-85	0.00	0	0
04 : 00	165	108	68	61	402	353	1064	-1015	267	-219	II	-152	0.00	0	0
04 : 30	169	102	68	66	341	297	1097	-1119	269	-212	V4	-115	0.00	0	0
05 : 00	169	106	68	63	350	343	1062	-982	310	-197	II	-137	0.00	0	0
05 : 30	172	94	68	64	358	327	1059	-990	306	-190	II	-123	0.00	0	0
06 : 00	173	98	68	68	347	380	1136	-994	304	-187	V5	-111	0.00	0	0
06 : 30	177	92	68	69	355	325	1147	-1023	313	-188	V5	-112	0.00	0	0
07 : 00	184	82	68	69	376	293	1106	-1092	327	-251	II	-183	0.00	0	0
07 : 30	190	90	68	66	377	318	1033	-1130	328	-249	V5	-205	0.00	0	0
08 : 00	190	80	68	74	378	269	1110	-1182	326	-237	V5	-197	0.00	0	0
08 : 30	181	88	66	59	340	338	928	-1051	408	-170	V6	-102	0.00	0	0
09 : 00	171	98	66	62	407	393	1070	-1022	473	-110	III	-46	0.00	0	0
09 : 30	161	104	48	65	423	404	1169	-1014	513	-118	V6	-36	0.00	0	0
10 : 00	150	114	46	68	315	394	1244	-1104	528	-80	III	-36	0.00	0	0



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>	11/03/2023	<b>Srl No.</b>	25	<b>Patient Id</b>	2303110025
<b>Name</b>	Mrs. MADHULIKA KUMARI	<b>Age</b>	36 Yrs.	<b>Sex</b>	F
<b>Ref. By</b>	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.0	%	

**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

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<b>Date</b>	<b>11/03/2023</b>	<b>Srl No. 25</b>	<b>Patient Id 2303110025</b>
<b>Name</b>	<b>Mrs. MADHULIKA KUMARI</b>	<b>Age 36 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.4	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	5,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	32	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	4.19	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	37.9	%	35 - 45
M C V	90.45	fl.	80 - 100
M C H	29.59	Picogram	27.0 - 31.0
M C H C	<b>32.7</b>	gm/dl	33 - 37
PLATELET COUNT	2.26	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	74.2	mg/dl	70 - 110
SERUM CREATININE	0.88	mg%	0.5 - 1.3
BLOOD UREA	23.9	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.7	mg%	2.5 - 6.0

**LIVER FUNCTION TEST (LFT)**



<b>Date</b>	<b>11/03/2023</b>	<b>Srl No. 25</b>	<b>Patient Id 2303110025</b>
<b>Name</b>	<b>Mrs. MADHULIKA KUMARI</b>	<b>Age 36 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.64	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.25	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.39	mg/dl	0.00 - 0.70
TOTAL PROTEIN	<b>6.3</b>	gm/dl	6.6 - 8.3
ALBUMIN	3.5	gm/dl	3.4 - 5.2
GLOBULIN	2.8	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.25</b>		
SGOT	17.0	IU/L	5 - 35
SGPT	18.2	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	<b>105.6</b>	U/L	35.0 - 104.0
GAMMA GT	24.9	IU/L	6.0 - 42.0

#### LFT INTERPRET

#### LIPID PROFILE

TRIGLYCERIDES	79.2	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	126.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	50.5	mg/dL	35.1 - 88.0
V L D L	15.84	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	<b>59.76</b>	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.497		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.183		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



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

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.015		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
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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<b>Date</b>	11/03/2023	<b>Srl No.</b>	25	<b>Patient Id</b>	2303110025
<b>Name</b>	Mrs. MADHULIKA KUMARI	<b>Age</b>	36 Yrs.	<b>Sex</b>	F
<b>Ref. By</b>	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.	25	Patient Id	2303110025
Name	Mrs. MADHULIKA KUMARI	Age	36 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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## BIOCHEMISTRY

BLOOD SUGAR PP	97.1	mg/dl	80 - 160
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\*\*\*\* End Of Report \*\*\*\*

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MC-3319

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 CIN : U85195GJ2009PLC057059



30304100165

**TEST REPORT**

<b>Reg.No</b> : 30304100165	<b>Reg.Date</b> : 12-Mar-2023 10:52	<b>Collection</b> : 12-Mar-2023 10:52
<b>Name</b> : MS. MADHULIKA KUMARI		<b>Received</b> : 12-Mar-2023 10:52
<b>Age</b> : 36 Years	<b>Sex</b> : Female	<b>Report</b> : 12-Mar-2023 14:40
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 12-Mar-2023 15:02
<b>Referral Dr</b> : □	<b>Status</b> : Final	<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID PROFILE</b>			
Tri-iodothyronine (Total T3) <i>Method:CLIA</i>	1.05	ng/mL	0.60 - 1.81
Thyroxin (Total T4) <i>Method:CLIA</i>	12.00	µg/dL	4.5 - 12.6
Thyroid Stimulating Hormone (TSH.) <i>Method:CLIA</i> Ultra Sensitive	H 6.219	µIU/mL	0.55 - 4.78

**Sample Type:** Serum

**Remarks:** Clinical Correlation Required.  
 Adv.- FT3 & FT4

**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 uU/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 uU/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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