



भारत सरकार  
GOVERNMENT OF INDIA



रंजीता कुमारी  
Ranjeeta Kumari  
जन्म तिथि/DOB: 15/12/1993  
महिला / FEMALE



2908 4252 0827

आधार-आम आदमी का अधिकार

ID: 371

**RANJEETA KUMARI**  
Female 30Years

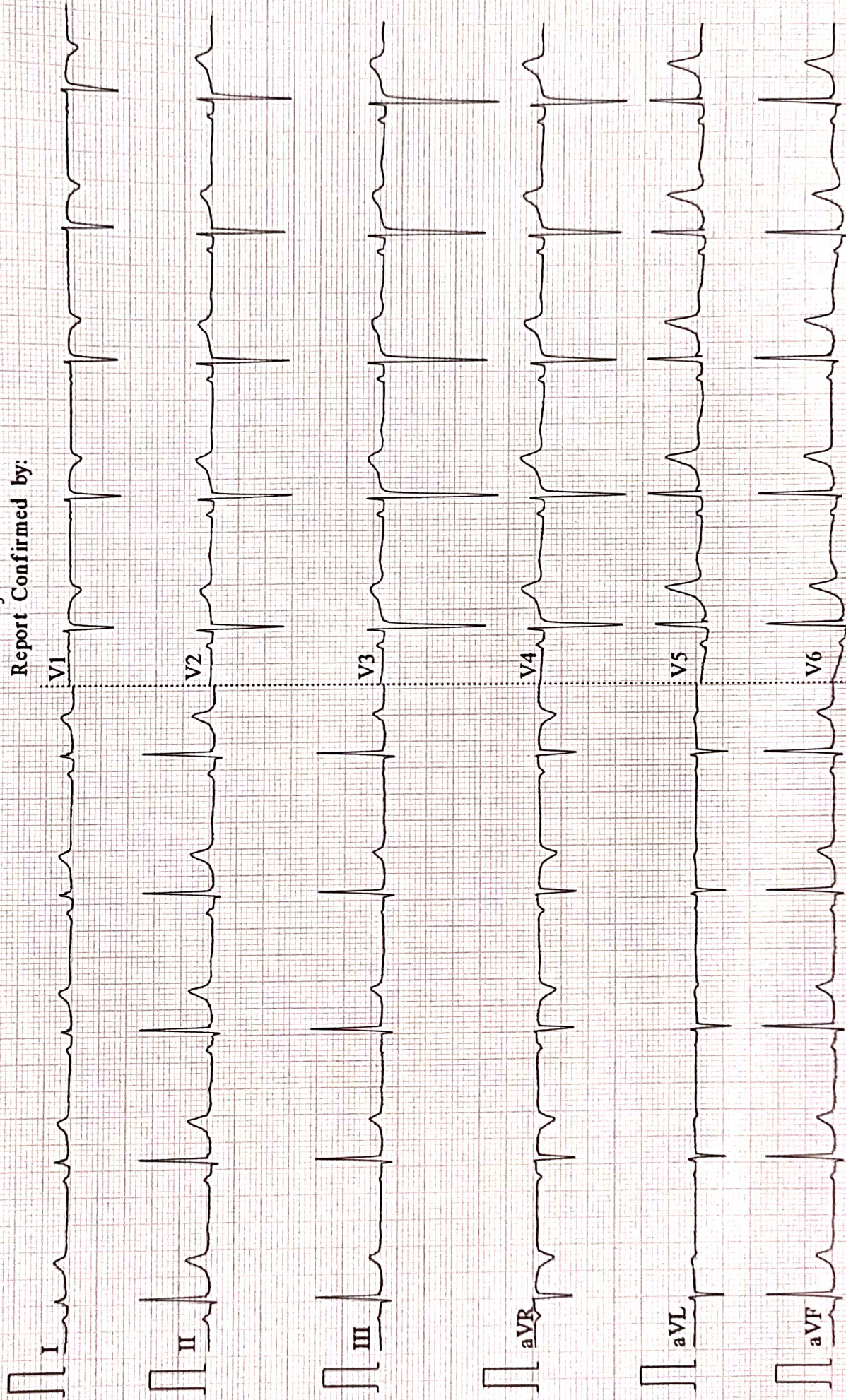
31-05-2023 07:29:44 AM

HR : 59 bpm  
 P : 60 ms  
 PR : 141 ms  
 QRS : 81 ms  
 QT/QTc : 408/407 ms  
 P/QRS/T : 49/81/58 °  
 RV5/SV1 : 0.990/0.859 mV

**Diagnosis Information:**  
Sinus Bradycardia

Ref-Phys. :

Report Confirmed by:





Pt. Name :- **RANJEETA KUMARI**  
Ref. By :- **DR./AROGYAM**

Date:- **31-May-23**  
Age / Sex – **29 Yrs. F.**

**REAL TIME U.S.G. OF WHOLE ABDOMEN**  
**Thanks for your kind referral**

**( Report.)**

- LIVER** :- Measures 12.26 cm. Normal in shape , size and echo texture. I.H.B.R. are not dilated. Hepatic veins are normal. No SOL seen.
- G.BL.** :- Lumen is echo free. Wall thickness appears normal.
- C.B.D.** :- Measures 3.3 mm in diameter with echo free lumen. No calculi or mass seen.
- P.V.** :- Measures 7.2 mm in diameter. Appears normal. No thrombus seen.
- PANCREAS** :- Normal in shape, size and echo texture. No calcification mass seen.
- SPLEEN** :- Measures 9.80 cm. Normal in shape, size and echo texture. No SOL seen.
- KIDNEY** :- Both kidney shows normal shape, size & echotexture. C.M.D.intact. P.C.S.is not dilated. No calculi, cyst or hydronephrosis seen on either side.  
**Right Kidney :- Measures 9.11 X 4.1 cm.**  
**Left Kidney :- Measures 9.37 X 4.4 cm.**
- URETER** :- Not dilated .No apparent calculi seen.
- U.BLADDER**:- Shows normal in outline with echo free lumen. No calculi or mass seen.  
**Pre void – 310 ml. Post void – is in significant**
- UTERUS** :- Is normal in size, shape & position measuring 8.98 X 4.47 cm. Endometrial And Myometeriam appears normal in limits. No focal mass lesion seen.
- ADNEXA** :- Both ovary appears normal in size and shape.  
Rt Ovary Measures – 2.15 cm Lt Ovary Measures 2.28 cm
- P.O.D** :- No collection seen in P.O.D
- R.I.F.** :- Son graphically no appendicular mass or collection seen.
- OTHERS** :- No Ascites . no Lymph Adenopathy. No pleural effusion seen on either side .

**IMPRESSION**

➤ **Son graphically normal scan no detectable lesion seen**

*Handwritten signature and date:*  
31/5/23

**Consultant Radiologist**

ESTB BY:-

**Dr. P. K. Tiwari**  
MD, M.Sc (Radio Imaging)  
Ph.D (Alr Nuclear Medicine)  
Consultant Imacionologist & Sonologist

**Dr. S. Kumar**  
MD (Pat)  
Consultant Pathologist

**Dr. Abhishek Kumar**  
MBBS, MD  
Consultant Neuropatho Physiologist

**Dr. Kumari Suman**  
MBBS, DGO, MD  
Consultant (TVS & HSG Specialist)

**Dr. A. K. Singh**  
MBBS, PGDMCH  
Consultant Radiologist & Sonologis



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**AAROGYAM DIAGNOSTICS**  
 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

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<b>Date</b>	<b>31/05/2023</b>	<b>Srl No.</b>	<b>11</b>	<b>Patient Id</b>	<b>2305310011</b>
<b>Name</b>	<b>Mrs. RANJEETA KUMARI</b>	<b>Age</b>	<b>29 Yrs.</b>	<b>Sex</b>	<b>F</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**



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<b>Name</b>	<b>Mrs. RANJEETA KUMARI</b>	<b>Age 29 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	<b>10.5</b>	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	6,000	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	60	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	<b>3.53</b>	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	<b>32.1</b>	%	35 - 45
M C V	90.93	fl.	80 - 100
M C H	29.75	Picogram	27.0 - 31.0
M C H C	<b>32.7</b>	gm/dl	33 - 37
PLATELET COUNT	1.97	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	76.4	mg/dl	70 - 110
SERUM CREATININE	0.98	mg%	0.5 - 1.3
BLOOD UREA	22.5	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.6	mg%	2.5 - 6.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



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

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.65	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.23	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.9	gm/dl	6.6 - 8.3
ALBUMIN	3.6	gm/dl	3.4 - 5.2
GLOBULIN	3.3	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.091</b>		
SGOT	26.4	IU/L	5 - 35
SGPT	30.2	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	80.6	U/L	35.0 - 104.0
GAMMA GT	23.1	IU/L	6.0 - 42.0

#### LFT INTERPRET

#### LIPID PROFILE

TRIGLYCERIDES	60.1	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	151.0	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	49.6	mg/dL	35.1 - 88.0
V L D L	12.02	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	89.38	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.044		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.802		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



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Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.010		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	1-2	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	1-3	/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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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 \*\*\*\*

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#### LFT INTERPRET

#### LIPID PROFILE

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TOTAL CHOLESTEROL	151.0	mg/dL	29.0 - 199.0
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TOTAL CHOLESTEROL/HDL RATIO	3.044		0.0 - 4.97
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THYROID PROFILE			
QUANTITY	15	ml.	



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**CONSULTANT PATHOLOGIST**



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg Date: 31-May-2023 Technician : RESHMA ALI

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:14	0:01	00.0	00.0	01.0	75	39 %	110/70	082	00	
Standing	00:22	0:01	00.0	00.0	01.0	75	39 %	110/70	082	00	
HV	00:38	0:01	00.0	00.0	01.0	080	42 %	110/70	088	00	
Warm Up	00:51	0:01	01.0	00.0	01.0	082	43 %	110/70	090	00	
ExStart	01:19	0:06	01.7	10.0	01.1	092	48 %	110/70	101	00	
BRUCE/ Stage 1	04:19	3:00	01.7	10.0	04.7	124	65 %	115/80	142	00	
BRUCE/ Stage 2	07:19	3:00	02.5	12.0	07.1	158	83 %	120/85	189	00	
PeakEx	08:18	1:00	03.4	14.0	08.1	166	87 %	120/85	199	00	
Recovery	09:17	1:00	01.1	00.0	01.2	135	71 %	115/80	155	00	
Recovery	10:17	2:00	01.1	00.0	01.0	120	63 %	110/70	132	00	
Recovery	11:49	3:31	01.1	00.0	01.0	107	56 %	110/70	117	00	

**Findings :**

Exercise Time : 07:00  
 Max HR Attained : 166 bpm 87% of Target 191  
 Max BP Attained : (Sys) 120/85  
 Max WorkLoad Attained : 8.1 Fair response to induced stress  
 Max ST Dep Lead & Value : V5 & -2.3 mm in Recovery mm  
 Test End Reasons : Test Complete

**Report :**

Aarogam Diagnostics

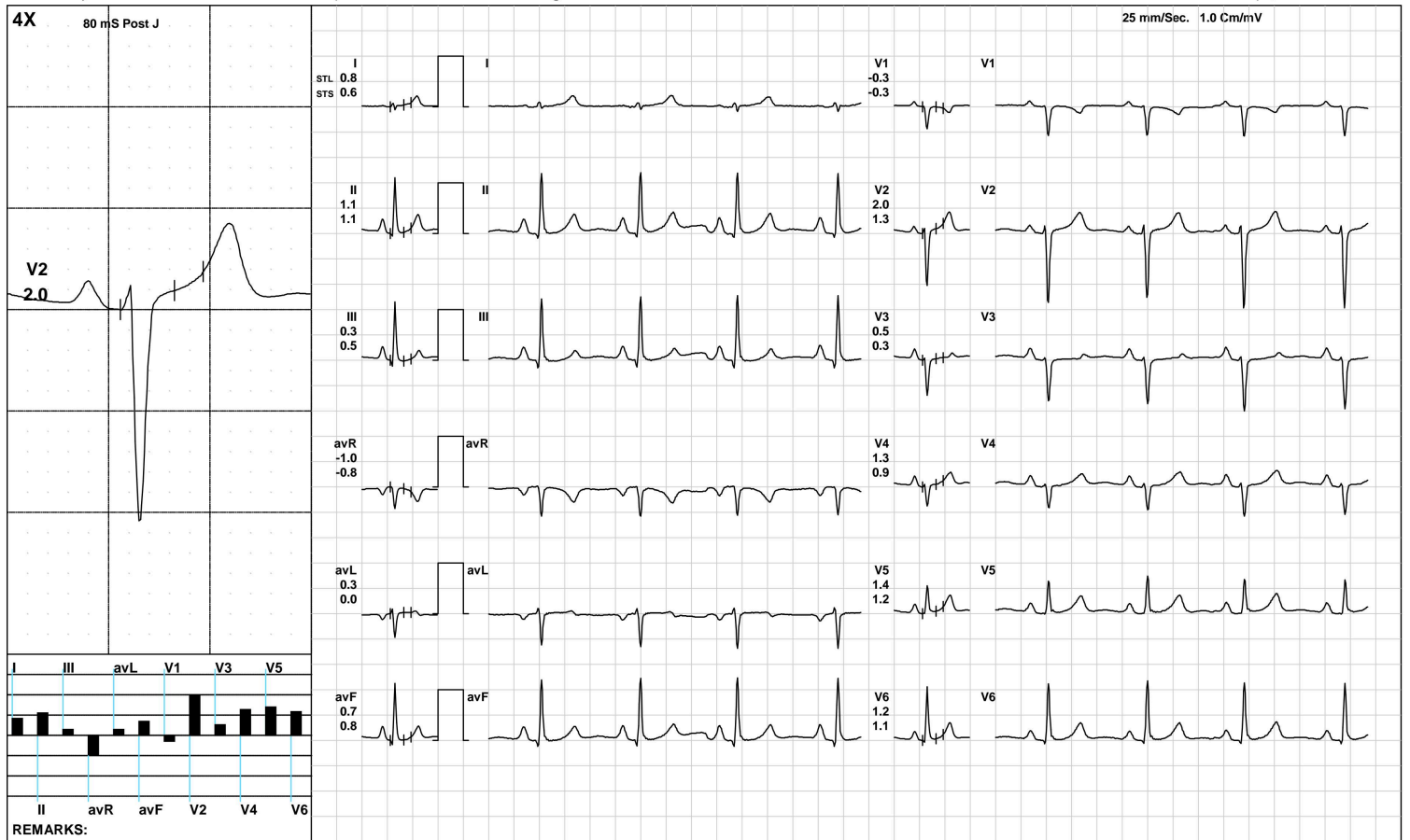
Supine



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 75

Date: 31-May-2023 10:39:39 AM METS: 1.0/ 75 bpm 39% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:14 0.0 mph, 0.0%



**Aarogam Diagnostics**

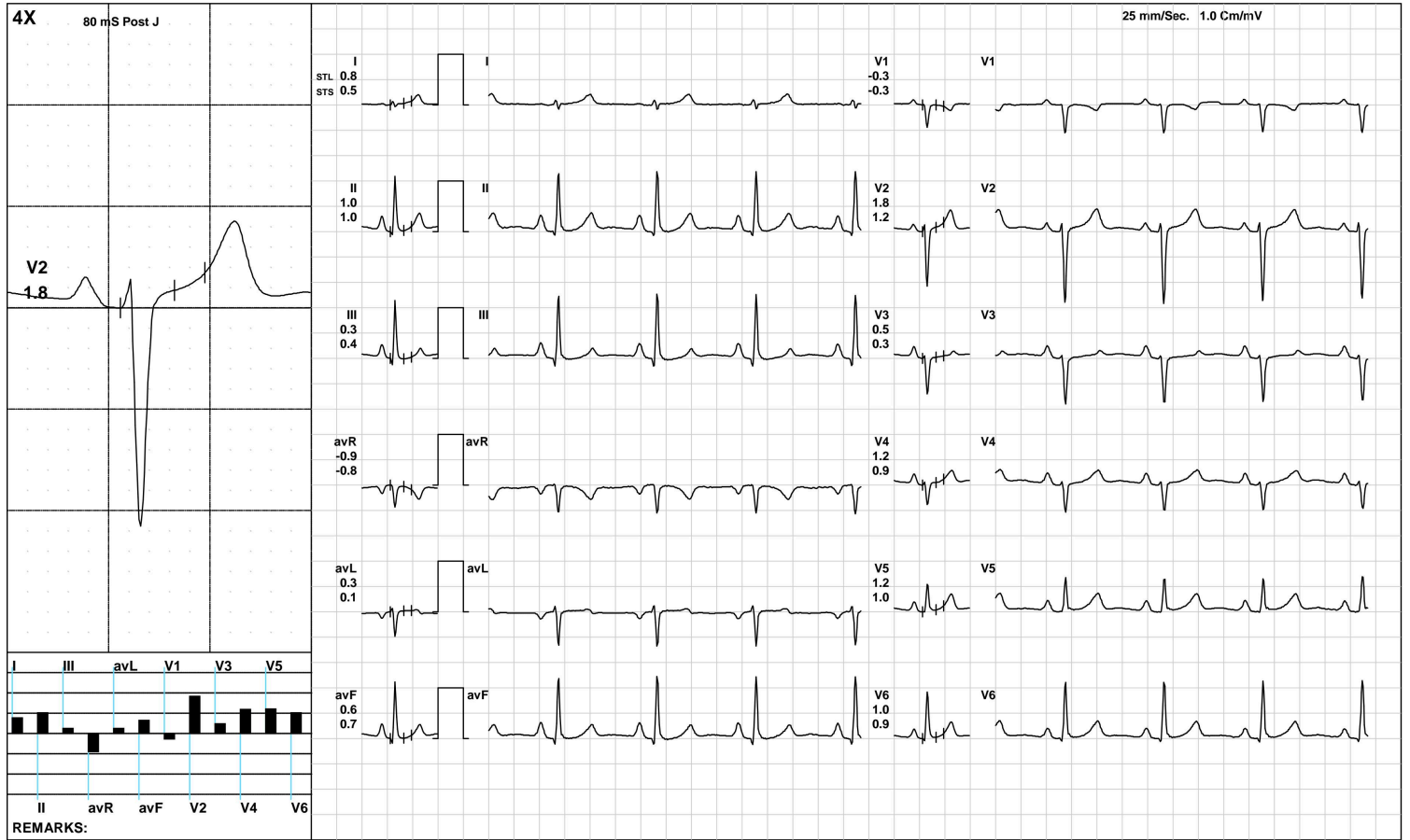
Standing



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 75

Date: 31-May-2023 10:39:39 AM METS: 1.0/ 75 bpm 39% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:22 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**Aarogam Diagnostics**

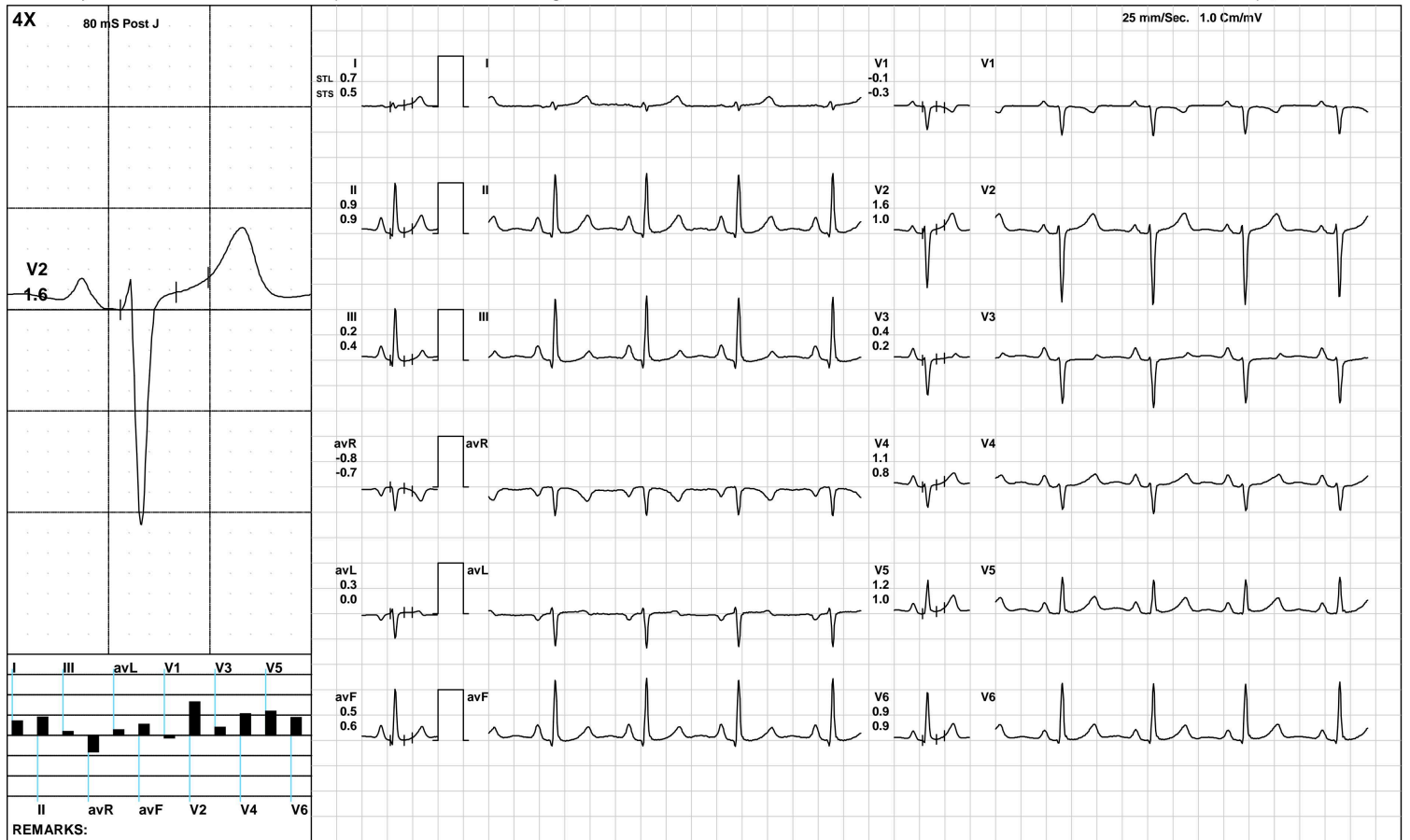
HV



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 80

Date: 31-May-2023 10:39:39 AM METS: 1.0/ 80 bpm 41% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:38 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

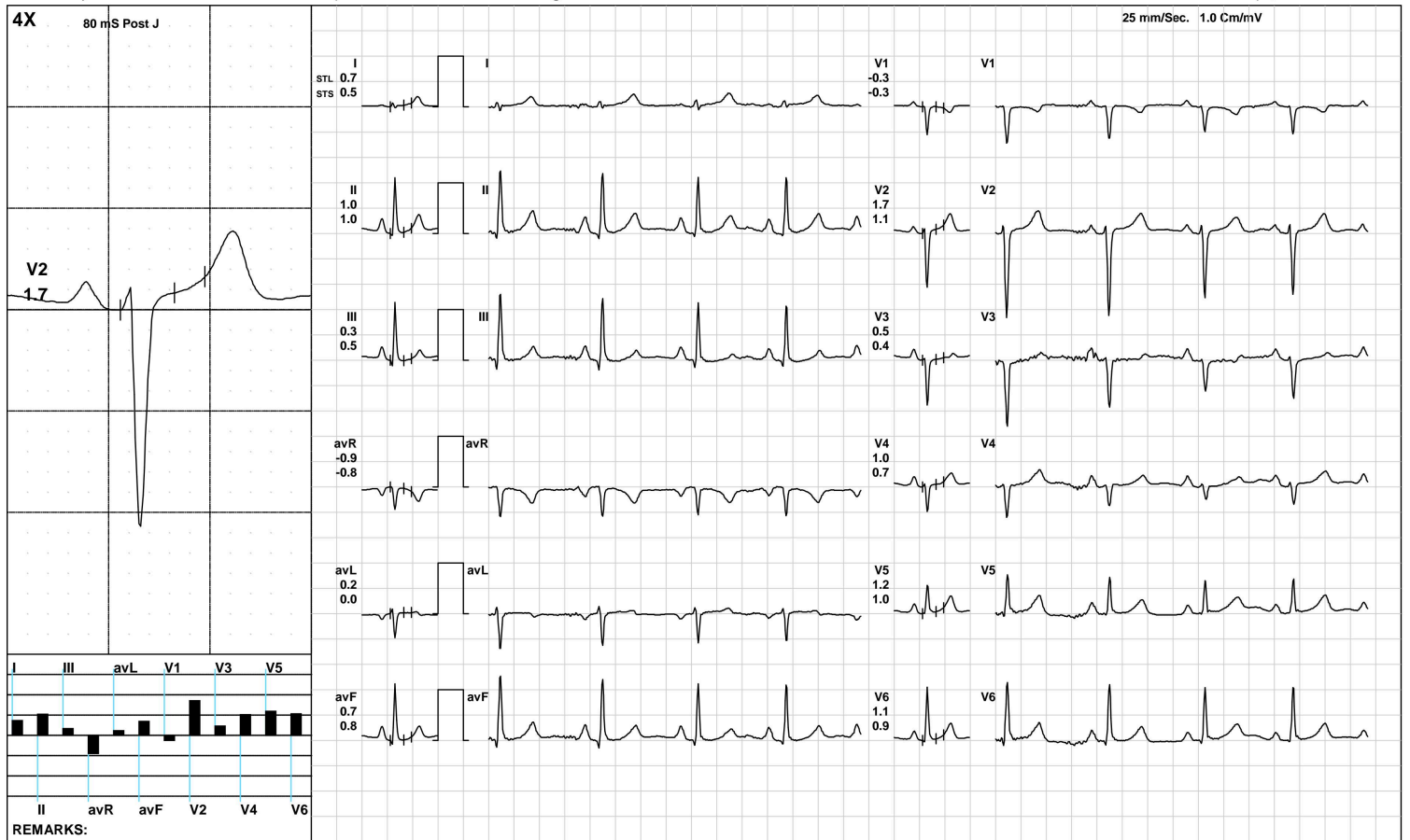
Warm Up



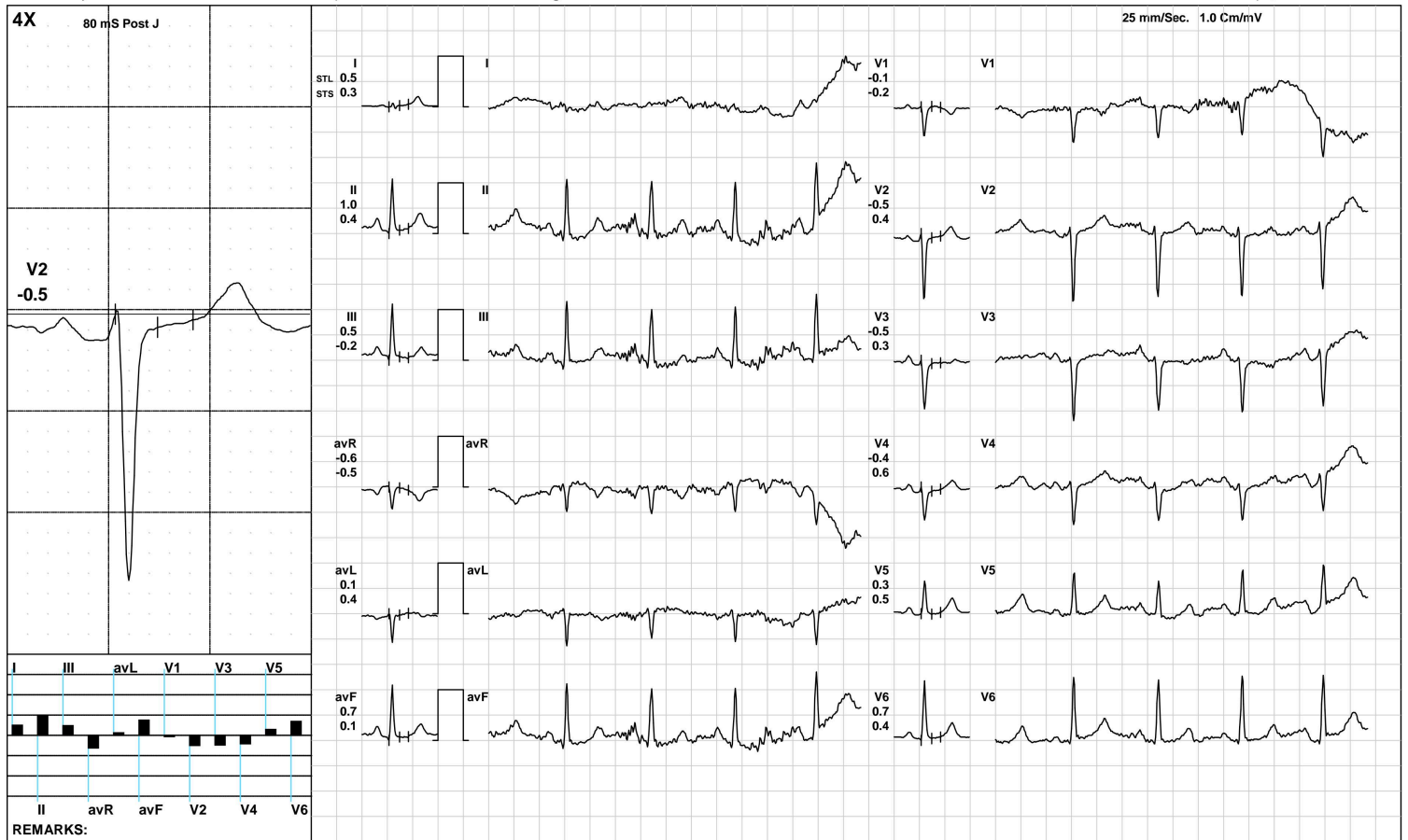
2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 82

Date: 31-May-2023 10:39:39 AM METS: 1.0/ 82 bpm 42% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:51 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



Aarogam Diagnostics

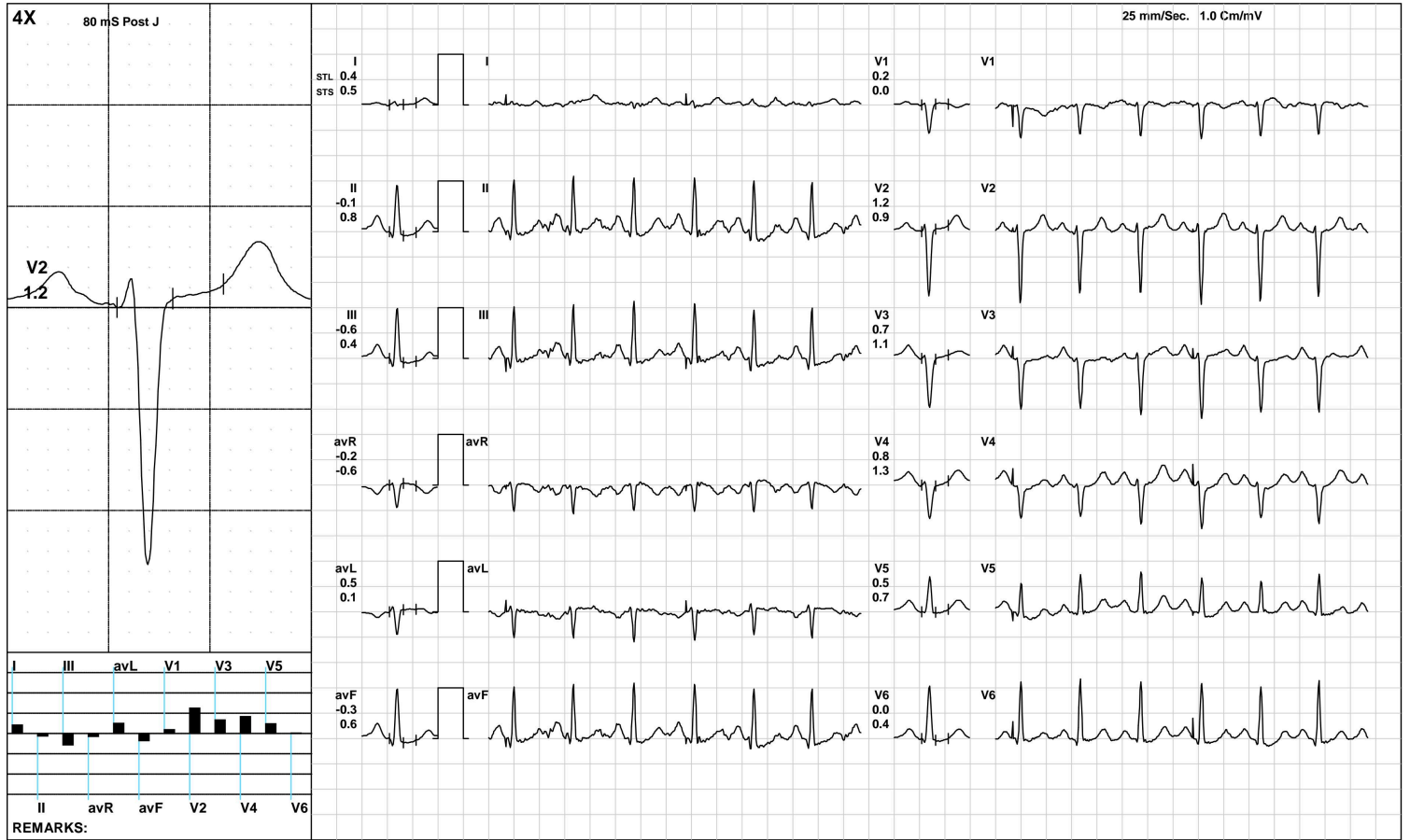
BRUCE/:Stage 1(3:00)



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 124

Date: 31-May-2023 10:39:39 AM METS: 4.7/ 124 bpm 64% of THR BP: 115/80 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

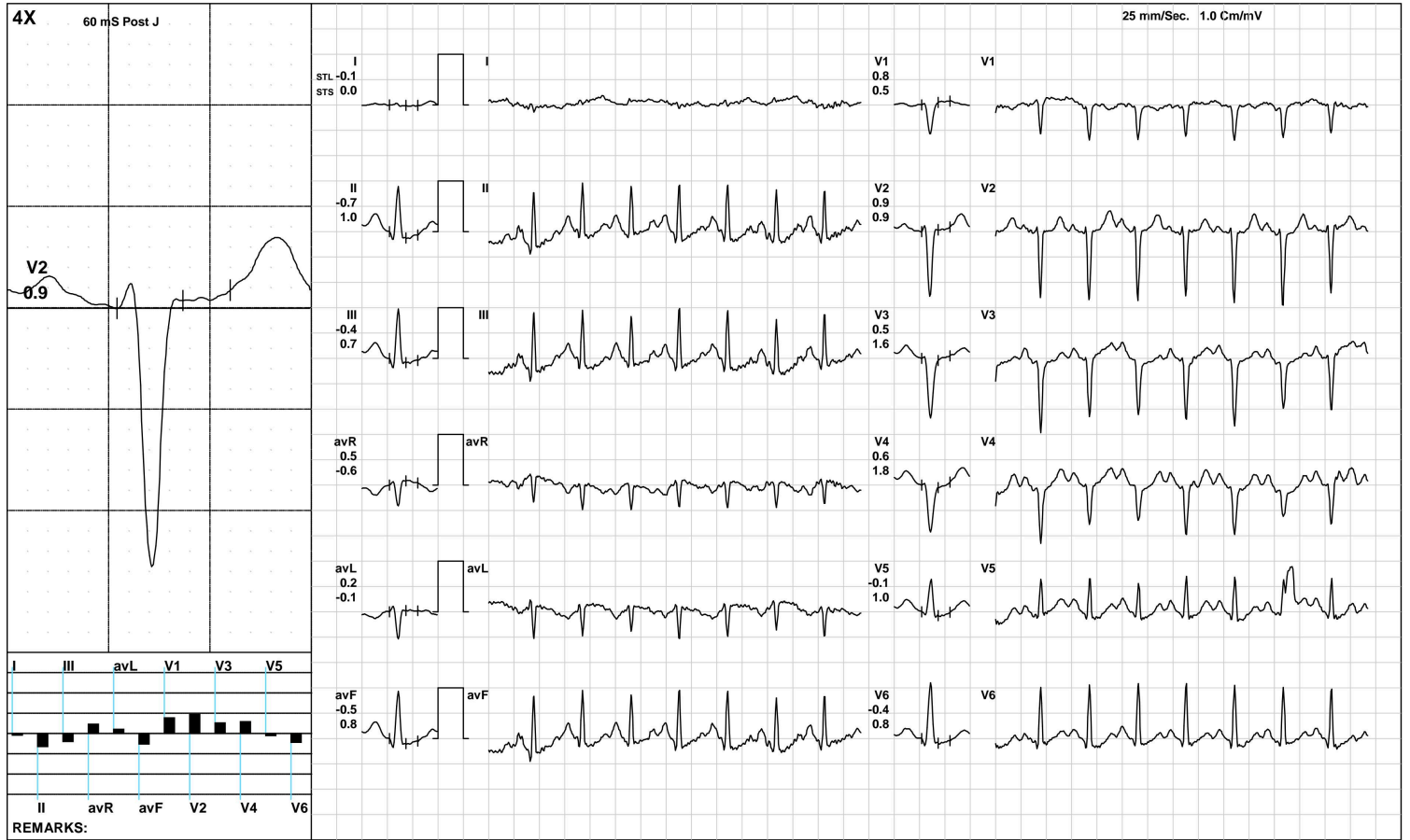
BRUCE/:Stage 2(3:00)



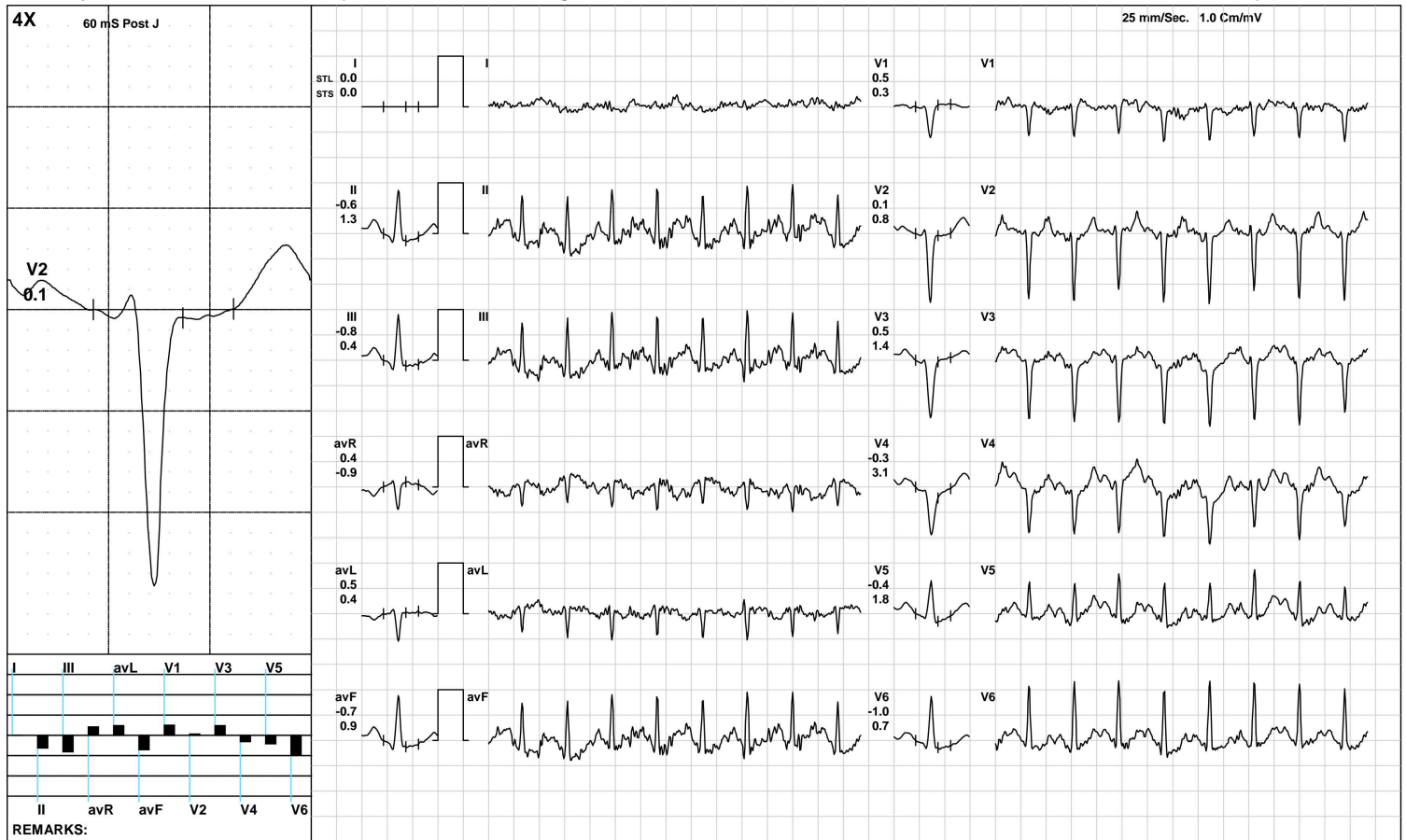
2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 158

Date: 31-May-2023 10:39:39 AM METS: 7.1/ 158 bpm 82% of THR BP: 120/85 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



**Aarogam Diagnostics**

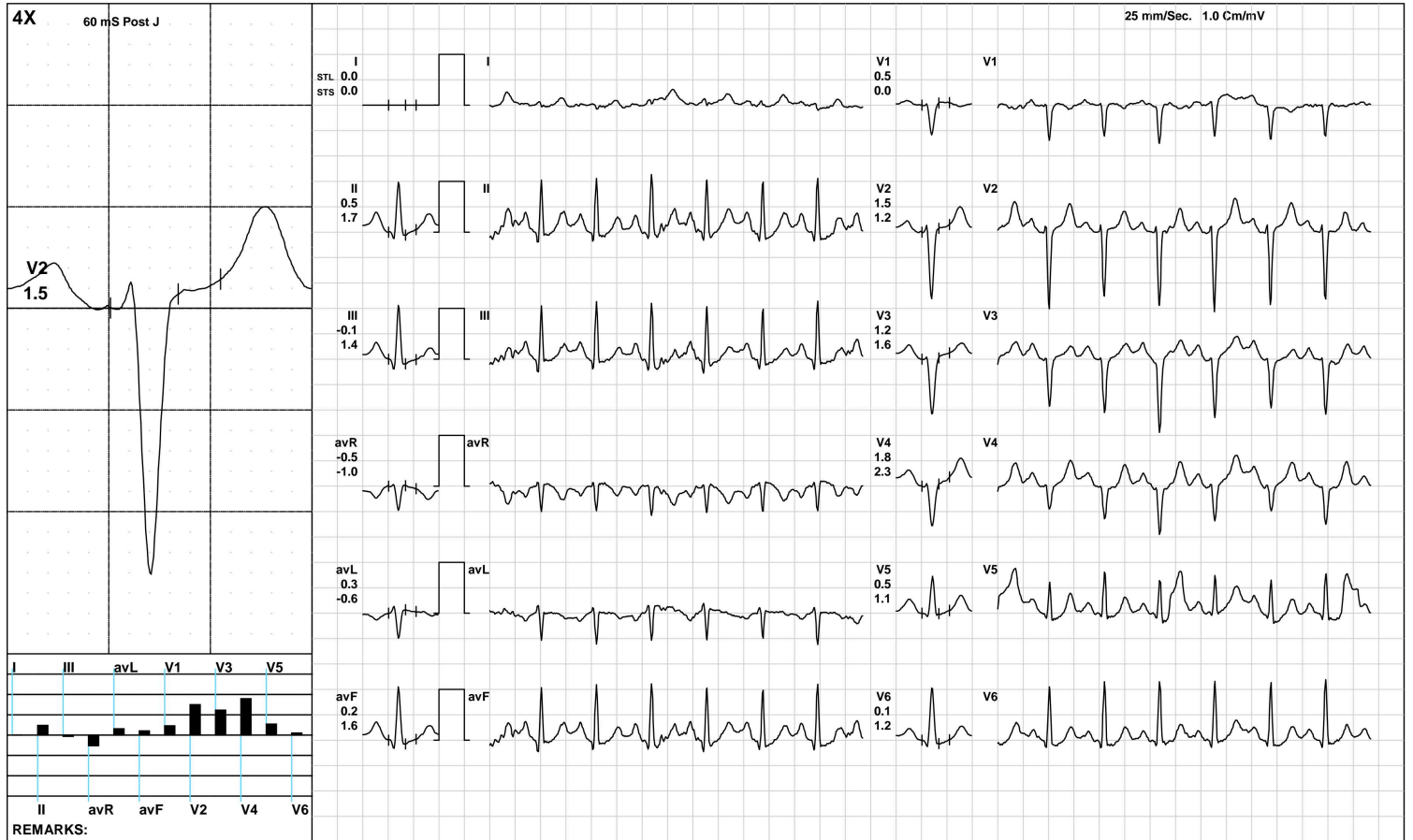
Recovery(1:00)



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 135

Date: 31-May-2023 10:39:39 AM METS: 1.2/ 135 bpm 70% of THR BP: 115/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

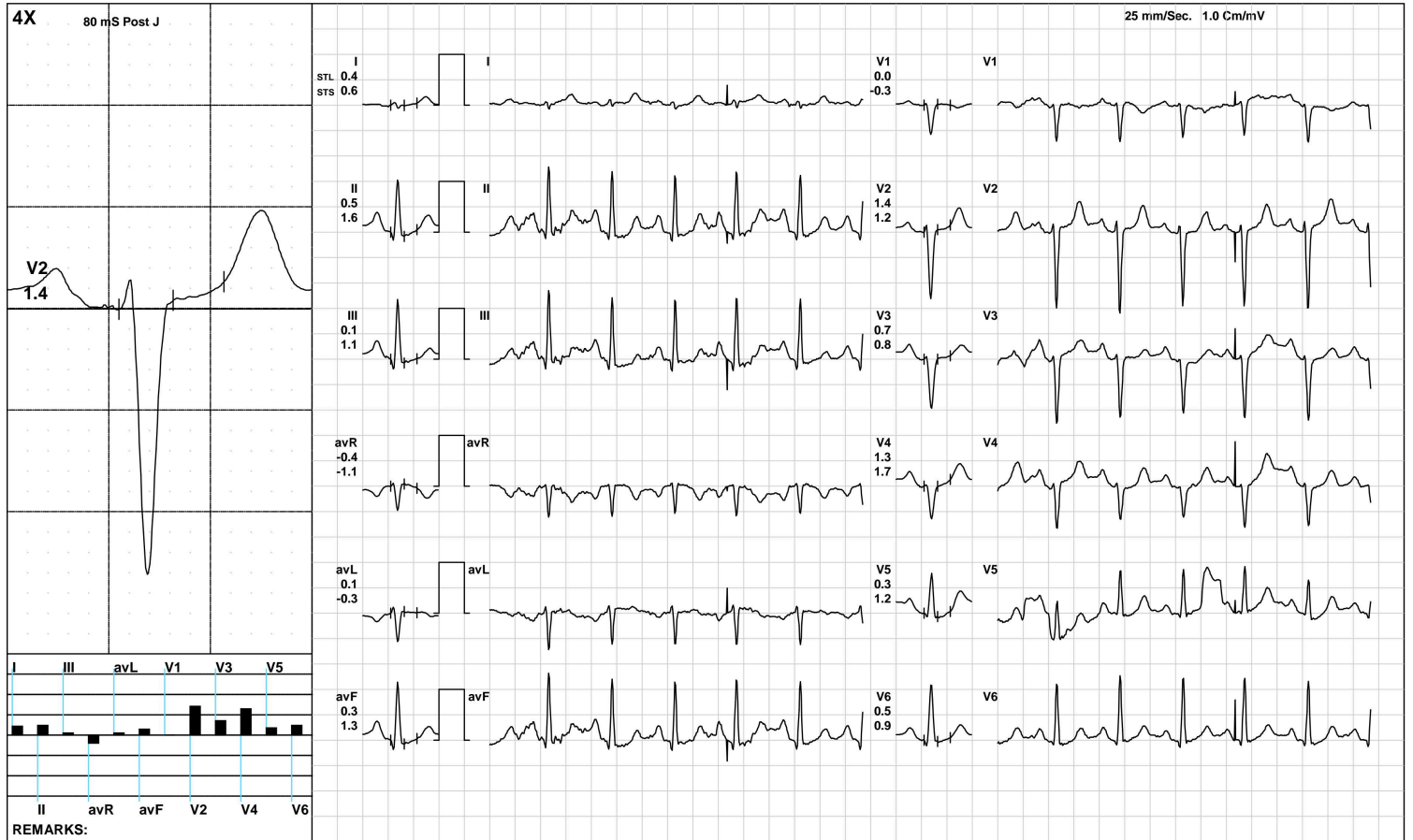
**Recovery(2:00)**



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 120

Date: 31-May-2023 10:39:39 AM METS: 1.0/ 120 bpm 62% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:00 1.1 mph, 0.0%





**Aarogam Diagnostics**

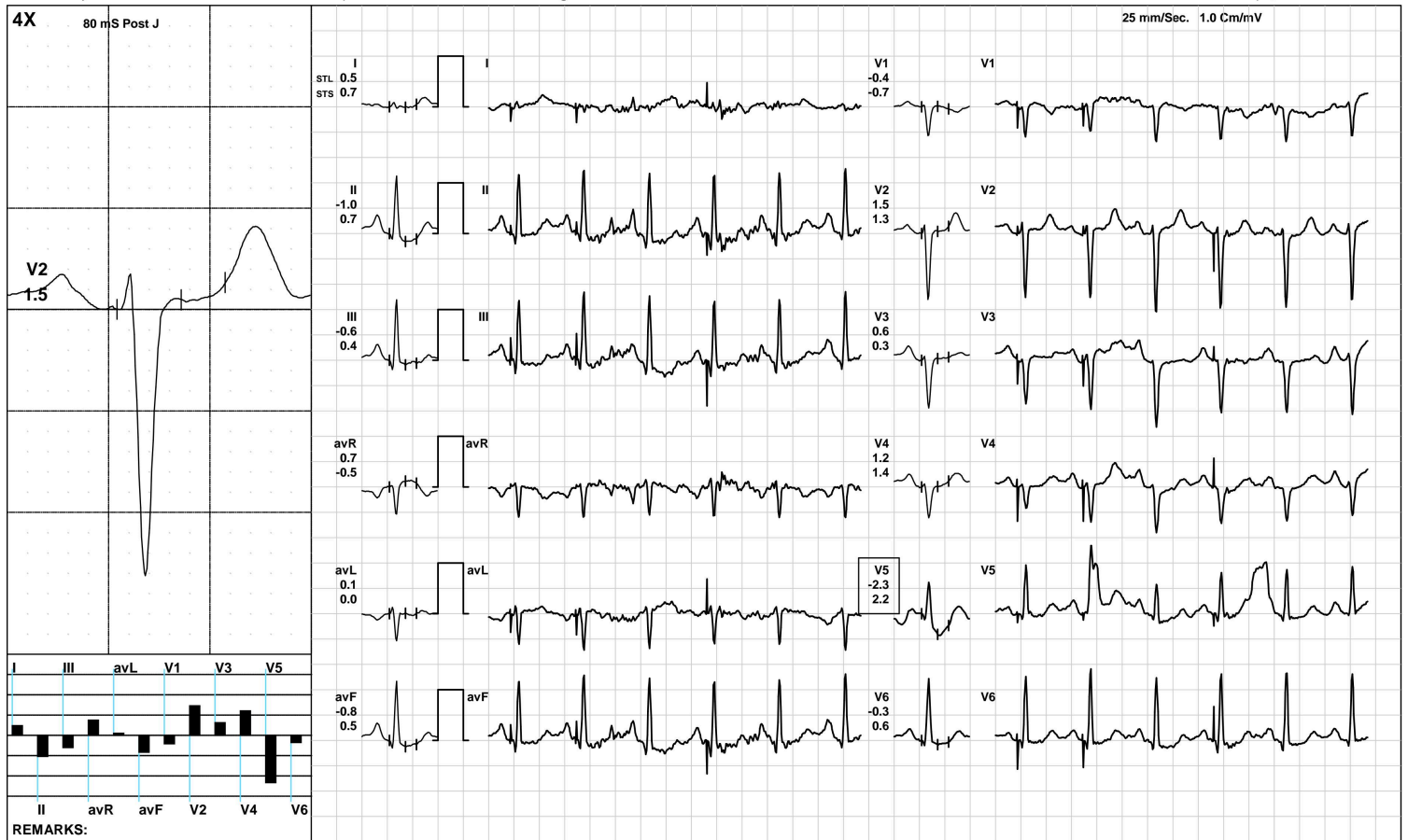
**Recovery(3:31)**



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 107

Date: 31-May-2023 10:39:39 AM METS: 1.0/ 107 bpm 56% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:00 1.1 mph, 0.0%



**Aarogyam Diagnostics**

**ST Measurements**



2009 / MRs.RANJEETA KUMARI / 29 Yrs / F / 166 Cms / 59 Kg / HR : 71

Date: 31-May-2023 10:39:39 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	0.8	1.1	0.3	-1.0	0.3	0.7	-0.3	2.0	0.5	1.3	1.4	1.2	0.6	1.1	0.5	-0.8	0.0	0.8	-0.3	1.3	0.3	0.9	1.2	1.1	
80 @mS Standing	0.8	1.0	0.3	-0.9	0.3	0.6	-0.3	1.8	0.5	1.2	1.2	1.0	0.5	1.0	0.4	-0.8	0.1	0.7	-0.3	1.2	0.3	0.9	1.0	0.9	
HV	0.7	0.9	0.2	-0.8	0.3	0.5	-0.1	1.6	0.4	1.1	1.2	0.9	0.5	0.9	0.4	-0.7	0.0	0.6	-0.3	1.0	0.2	0.8	1.0	0.9	
Warm Up	0.7	0.8	0.1	-0.7	0.3	0.5	-0.2	1.6	0.3	1.0	1.0	0.8	0.4	0.8	0.4	-0.6	0.0	0.6	-0.3	1.0	0.2	0.8	0.9	0.8	
ExStart	0.5	1.0	0.5	-0.6	0.1	0.7	-0.1	-0.5	-0.5	-0.4	0.3	0.7	0.3	0.4	-0.2	-0.5	0.4	0.1	-0.2	0.4	0.3	0.6	0.5	0.4	
Stage 1	0.4	-0.1	-0.6	-0.2	0.5	-0.3	0.2	1.2	0.7	0.8	0.5	0.0	0.5	0.8	0.4	-0.6	0.1	0.6	0.0	0.9	1.1	1.3	0.7	0.4	
Stage 2	-0.1	-0.7	-0.4	0.5	0.2	-0.5	0.8	0.9	0.5	0.6	-0.1	-0.4	0.0	1.0	0.7	-0.6	-0.1	0.8	0.5	0.9	1.6	1.8	1.0	0.8	
PeakEx	0.0	-0.6	-0.8	0.4	0.5	-0.7	0.5	0.1	0.5	-0.3	-0.4	-1.0	0.0	1.3	0.4	-0.9	0.4	0.9	0.3	0.8	1.4	3.1	1.8	0.7	
Recovery	0.0	0.5	-0.1	-0.5	0.3	0.2	0.5	1.5	1.2	1.8	0.5	0.1	0.0	1.7	1.4	-1.0	-0.6	1.6	0.0	1.2	1.6	2.3	1.1	1.2	
Recovery	0.4	0.5	0.1	-0.4	0.1	0.3	0.0	1.4	0.7	1.3	0.3	0.5	0.6	1.6	1.1	-1.1	-0.3	1.3	-0.3	1.2	0.8	1.7	1.2	0.9	
Recovery	0.5	-1.0	-0.6	0.7	0.1	-0.8	-0.4	1.5	0.6	1.2	-2.3	-0.3	0.7	0.7	0.4	-0.5	0.0	0.5	-0.7	1.3	0.3	1.4	2.2	0.6	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	8.8	13.9	5.1	-11.4	1.9	9.5	-3.6	19.6	5.2	13.1	15.2	13.5
Standing	8.4	12.6	4.2	-10.4	2.1	8.4	-3.6	18.8	4.6	12.1	13.4	12.0
HV	7.7	10.3	2.7	-9.0	2.6	6.5	-2.4	16.8	3.4	10.5	12.5	10.2
Warm Up	7.3	9.4	2.2	-8.3	2.6	5.9	-2.9	16.2	2.9	9.4	10.7	9.4
ExStart	4.9	10.0	5.5	-6.0	0.2	7.8	-1.8	-2.8	-4.0	-2.9	3.6	6.9
Stage 1	2.1	-3.5	-5.6	0.7	3.9	-4.6	2.1	7.8	3.5	3.9	1.7	-1.3
Stage 2	-1.0	-5.8	-3.8	4.0	1.5	-4.8	4.1	3.2	1.0	-0.3	-3.4	-4.3
PeakEx	0.0	-7.3	-5.9	4.2	1.4	-6.6	2.8	-1.7	1.2	-5.9	-6.5	-8.2
Recovery	0.0	0.5	-2.2	-1.7	2.4	-0.8	3.1	6.8	5.7	6.9	1.1	-1.7
Recovery	2.1	0.3	-1.4	-0.8	1.4	-0.6	0.9	8.6	4.3	6.6	-0.5	1.7
Recovery	3.1	-7.8	-3.7	6.0	-0.1	-5.8	-2.1	10.8	4.6	7.6	-20.9	-2.5



2009 / MRs.RANJEETA KUMARI / 29 Yrs / Female / 166 Cm / 59 Kg

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	81	154	62	90	441	311	1237	-1369	423	58	III	-8	0.00	0
01:00	91	310	62	87	432	318	1263	-1376	394	-5	II	-37	0.00	0
01:30	97	128	64	79	438	373	1218	-1253	411	35	II	-25	0.00	0
02:00	113	180	64	84	428	373	1175	-1221	411	-26	III	-56	0.00	0
02:30	127	148	62	87	460	263	1141	-1237	251	-30	III	-62	0.00	0
03:00	126	156	62	84	326	270	1007	-1230	299	-62	III	-47	0.00	0
03:30	123	166	64	87	328	293	1078	-1231	330	-69	III	-41	0.00	0
04:00	124	142	48	86	324	310	1112	-1283	338	-67	III	-59	0.00	0
04:30	130	172	62	87	320	330	1048	-1263	308	-91	III	-89	0.00	0
05:00	131	162	62	88	320	298	1100	-1312	280	-83	III	-113	0.00	0
05:30	144	160	62	85	316	301	1010	-1295	299	-85	III	-110	0.00	0
06:00	149	146	62	87	333	329	1046	-1293	310	-98	III	-103	0.00	0
06:30	150	128	64	90	330	296	995	-1253	326	-110	V6	-124	0.00	0
07:00	153	136	62	90	335	337	1091	-1312	345	-125	III	-91	0.00	0
07:30	159	138	60	90	331	320	1089	-1352	350	-91	III	-86	0.00	0
08:00	163	118	58	90	338	298	1089	-1354	-446	-462	V5	-391	0.00	0
08:30	165	134	54	90	316	300	1050	-1354	383	-148	V5	-87	0.00	0
09:00	146	124	62	90	326	363	1043	-1374	447	-484	V4	-97	0.00	0
09:30	130	156	62	90	422	388	1105	-1159	546	-200	V5	-64	0.00	0
10:00	122	182	62	90	418	364	1191	-1172	520	-127	V5	-121	0.00	0
10:30	116	182	48	92	434	373	1196	-1123	521	55	III	-62	0.00	0
11:00	112	190	64	93	433	365	1248	-1133	503	-67	III	-65	0.00	0
11:30	109	200	64	90	451	388	1245	-1433	493	-72	III	-97	0.00	0



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



30604100005

**TEST REPORT**

<b>Reg.No</b> : 30604100005	<b>Reg.Date</b> : 01-Jun-2023 12:23	<b>Collection</b> : 01-Jun-2023 12:23
<b>Name</b> : MS. RANJEETA KUMARI		<b>Received</b> : 01-Jun-2023 12:23
<b>Age</b> : 29 Years	<b>Sex</b> : Female	<b>Report</b> : 01-Jun-2023 14:47
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 01-Jun-2023 15:06
<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>	0.95	ng/mL	0.60 - 1.81
Thyroxin (Total T4) <i>Method:CLIA</i>	7.10	µg/dL	4.5 - 12.6
Thyroid Stimulating Hormone (TSH.) <i>Method:CLIA</i> Ultra Sensitive	2.840	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.Niranjan Mondal**

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 Consultant Biochemist  
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