



भारत सरकार  
Government of India



Issue Date 24.08.2014



रमेश कुमार राय  
Ramesh Kumar Ray  
जन्म तिथि/DOB: 01/01/1972  
पुरुष/ MALE



4412 2216 6835

VID : 9165 8839 6943 0917

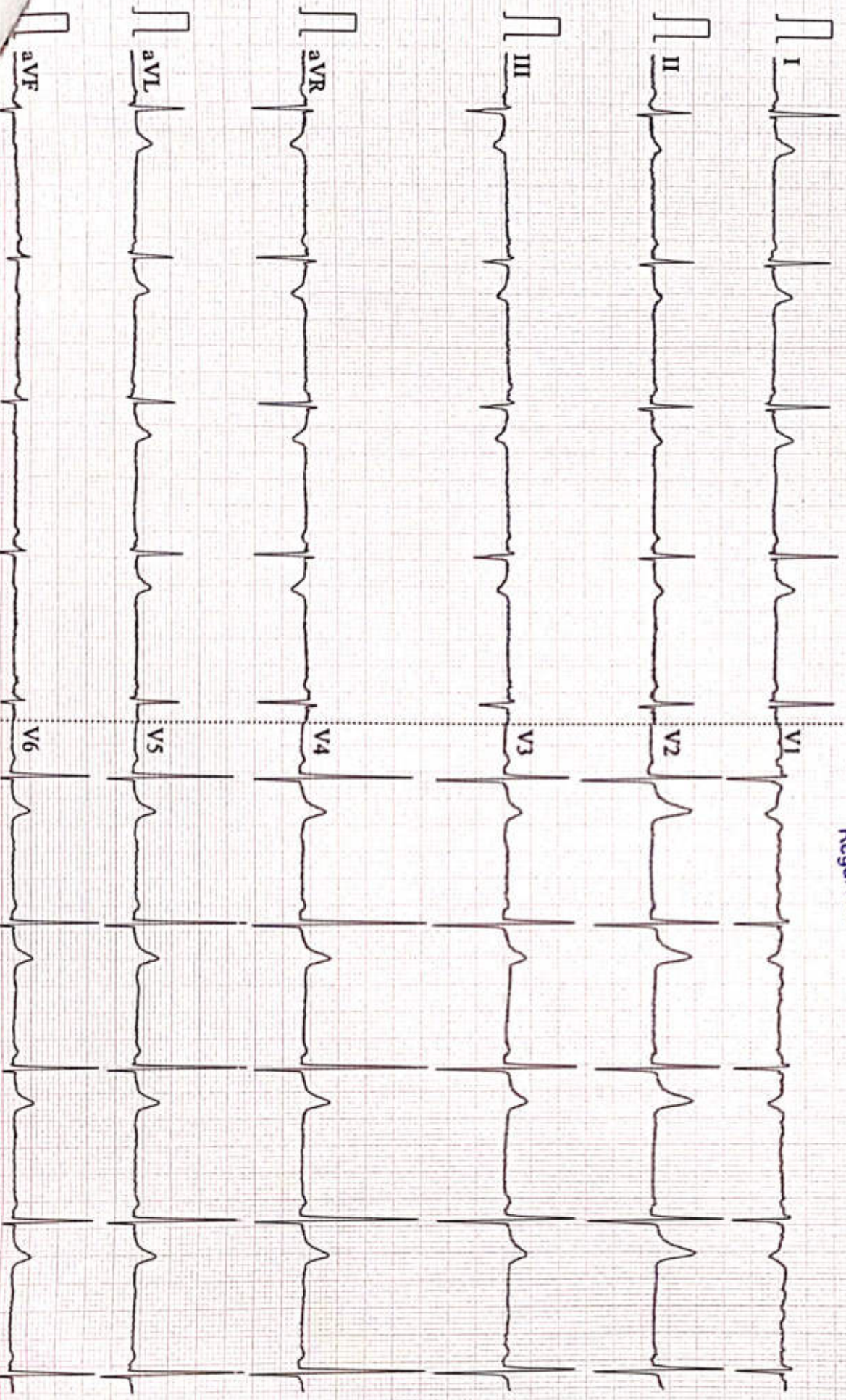
मेरा आश्वासन, मेरी पहचान

ID: 104  
RAMESH KUMAR RAY  
Male 52Years

10-11-2024 10:01:25 AM  
HR : 54 bpm  
P : 106 ms  
PR : 153 ms  
QRS : 74 ms  
QT/QTc : 382/363 ms  
P/QRS/T : 54/4/-1 °  
RV5/SV1 : 1.985/0.869 mV

Diagnosis Information:  
Sinus Bradycardia

Ref-Phys: **RAJ RAYMAN**  
M.B.B.S. MD  
Report Confirmed: 150940  
Regd. No. 150940



17-100Hz AC50 25mm/s 10mm/mV 25.0s 54 V2.2 SEMIP V1.81 DAIGNOSTIC

Patient Name	RAMESH KUMAR RAY	Date	10-11-2024
Age/Sex	52/M	Ref. Dr.	CORPORATE

## CHEST X-ray(PA)

### FINDINGS:

Normal bronchovascular markings in bilateral lung fields

Bilateral hila are normal.

Trachea appears normal.

Visualized bones are grossly normal.

Cardiac shadow is within normal limits

Bilateral costophrenic angles are clear.

### Impression :

- *No significant abnormality detected.*



*Dr. Sandip Maheshwari*

*MD Radio diagnosis*





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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

<b>Date</b>	10/11/2024	<b>Srl No.</b>	5	<b>Patient Id</b>	2411100005
<b>Name</b>	Mr. RAMESH KUMAR RAY	<b>Age</b>	52 Yrs.	<b>Sex</b>	M
<b>Ref. By</b>	Dr.MEDIWHEEL				

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>Date</b>	<b>10/11/2024</b>	<b>Sri No. 5</b>	<b>Patient Id 2411100005</b>
<b>Name</b>	<b>Mr. RAMESH KUMAR RAY</b>	<b>Age 52 Yrs.</b>	<b>Sex M</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</b>		

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	<b>11.6</b>	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,800	/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)	13	mm/1st hr.	0 - 15
R B C COUNT	<b>3.72</b>	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	<b>34.8</b>	%	40 - 54
M C V	93.55	fl.	80 - 100
M C H	<b>31.18</b>	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.88	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	NEGATIVE		
BLOOD SUGAR FASTING	80.5	mg/dl	70 - 110
SERUM CREATININE	1.09	mg%	0.7 - 1.4
BLOOD UREA	24.6	mg /dl	15.0 - 45.0
SERUM URIC ACID	6.09	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



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<b>Name</b>	<b>Mr. RAMESH KUMAR RAY</b>	<b>Age 52 Yrs.</b>	<b>Sex M</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</b>		

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.69	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.27	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.28	gm/dl	6.6 - 8.3
ALBUMIN	4.59	gm/dl	3.4 - 5.2
GLOBULIN	2.69	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.706</b>		
SGOT	39.1	IU/L	5 - 40
SGPT	43.6	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	71.8	U/L	40.0 - 130.0
GAMMA GT	25.0	IU/L	8.0 - 71.0

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

TRIGLYCERIDES	<b>286.1</b>	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	<b>299.5</b>	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	79.3	mg/dL	35.1 - 88.0
V L D L	<b>57.22</b>	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	<b>162.98</b>	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.777		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.055		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



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<b>Name</b>	Mr. RAMESH KUMAR RAY	<b>Age</b>	52 Yrs.	<b>Sex</b>	M
<b>Ref. By</b>	Dr.MEDIWHEEL				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.010		
PH	6.0		
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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<b>Name</b>	Mr. RAMESH KUMAR RAY	<b>Age</b>	52 Yrs.	<b>Sex</b>	M
<b>Ref. By</b>	Dr.MEDIWHEEL				

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



**AAROGYAM DIAGNOSTIC S**

**Report**



(GEM212170906)(R)Kardic by Allengers

3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg Date: 10-Nov-2024 Technician : MD SAQUIB NEHAL

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:05	0:01	00.0	00.0	01.0	65	39 %	130/90	084	00	
Standing	00:09	0:01	00.0	00.0	01.0	68	40 %	130/90	088	00	
HV	00:13	0:01	00.0	00.0	01.0	067	40 %	130/90	087	00	
Warm Up	00:17	0:01	01.0	00.0	01.0	068	40 %	130/90	088	00	
ExStart	00:35	0:06	01.7	10.0	01.1	107	64 %	130/90	139	00	
BRUCE/ Stage 1	03:35	3:00	01.7	10.0	04.7	128	76 %	135/95	172	00	
BRUCE/ Stage 2	06:35	3:00	02.5	12.0	07.1	141	84 %	140/100	197	00	
PeakEx	08:02	1:27	03.4	14.0	08.6	157	93 %	140/100	219	00	
Recovery	09:01	1:00	01.1	00.0	01.2	141	84 %	135/95	190	00	
Recovery	09:45	1:43	01.1	00.0	01.0	128	76 %	130/90	166	00	

**Findings :**

- Exercise Time : 07:28
- Max HR Attained : 157 bpm 93% of Target 168
- Max BP Attained : (Sys) 140/100
- Max WorkLoad Attained : 8.6 Fair response to induced stress
- Max ST Dep Lead & Value : III & -5.4 mm in Stage 2 mm
- Test End Reasons : Test Complete

**Report :**

**AAROGYAM DIAGNOSTIC S**

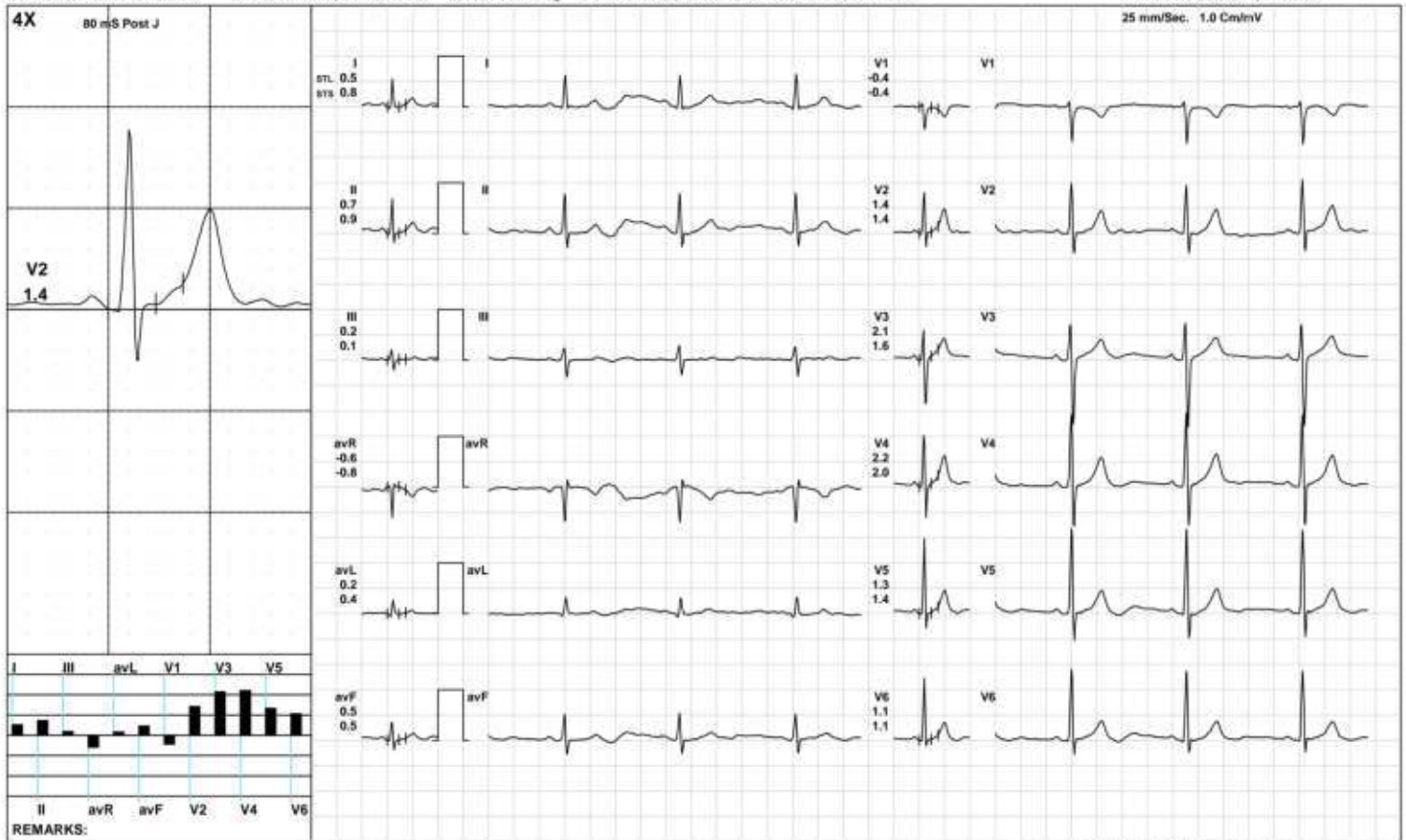
Supine



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 65

Date: 10-Nov-2024 11:27:36 AM METS: 1.0/ 65 bpm 38% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:05 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTIC S**

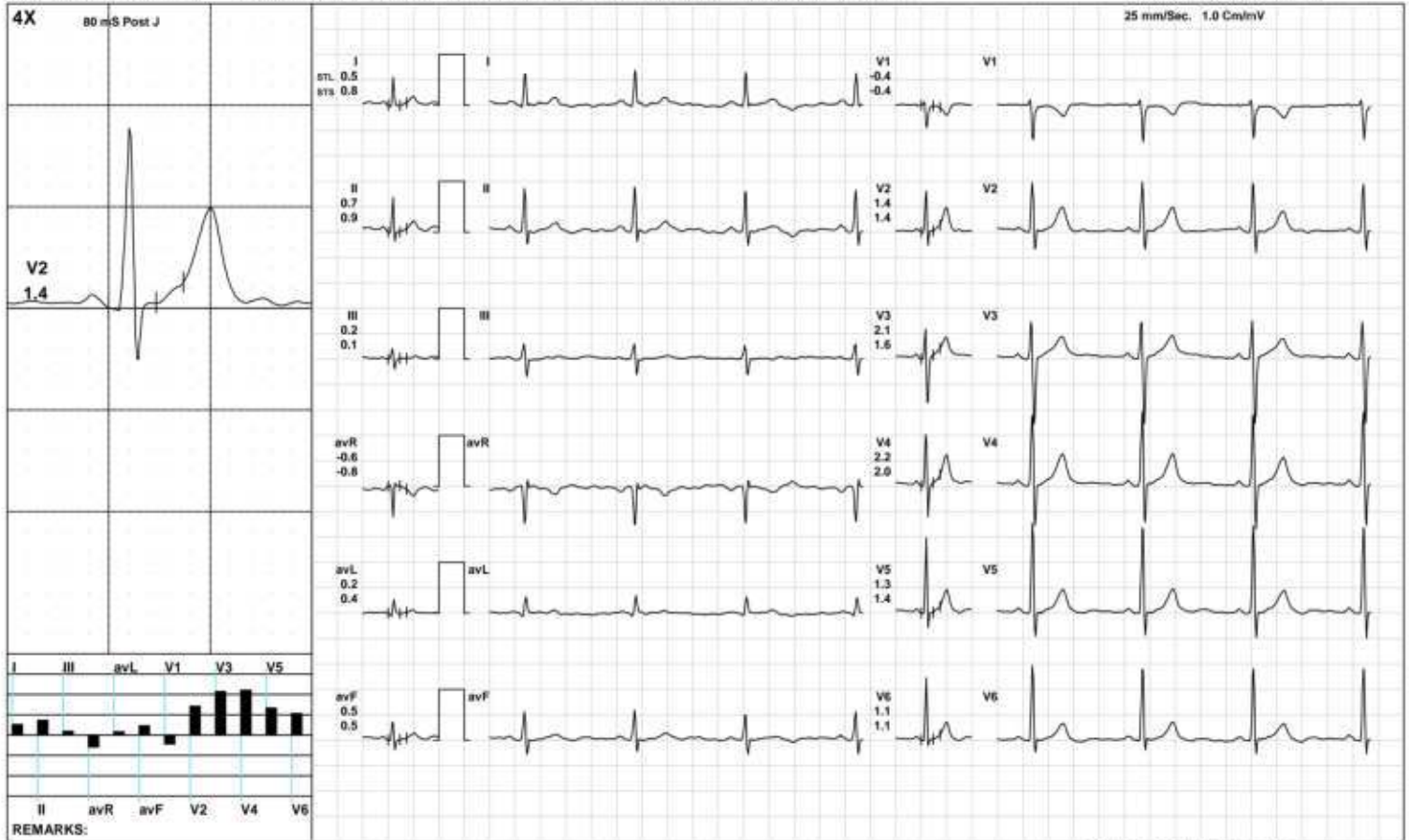
Standing



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 68

Date: 10-Nov-2024 11:27:36 AM METS: 1.0/ 68 bpm 40% of THR BP: 130/90 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 DIAGNOSTIC S**

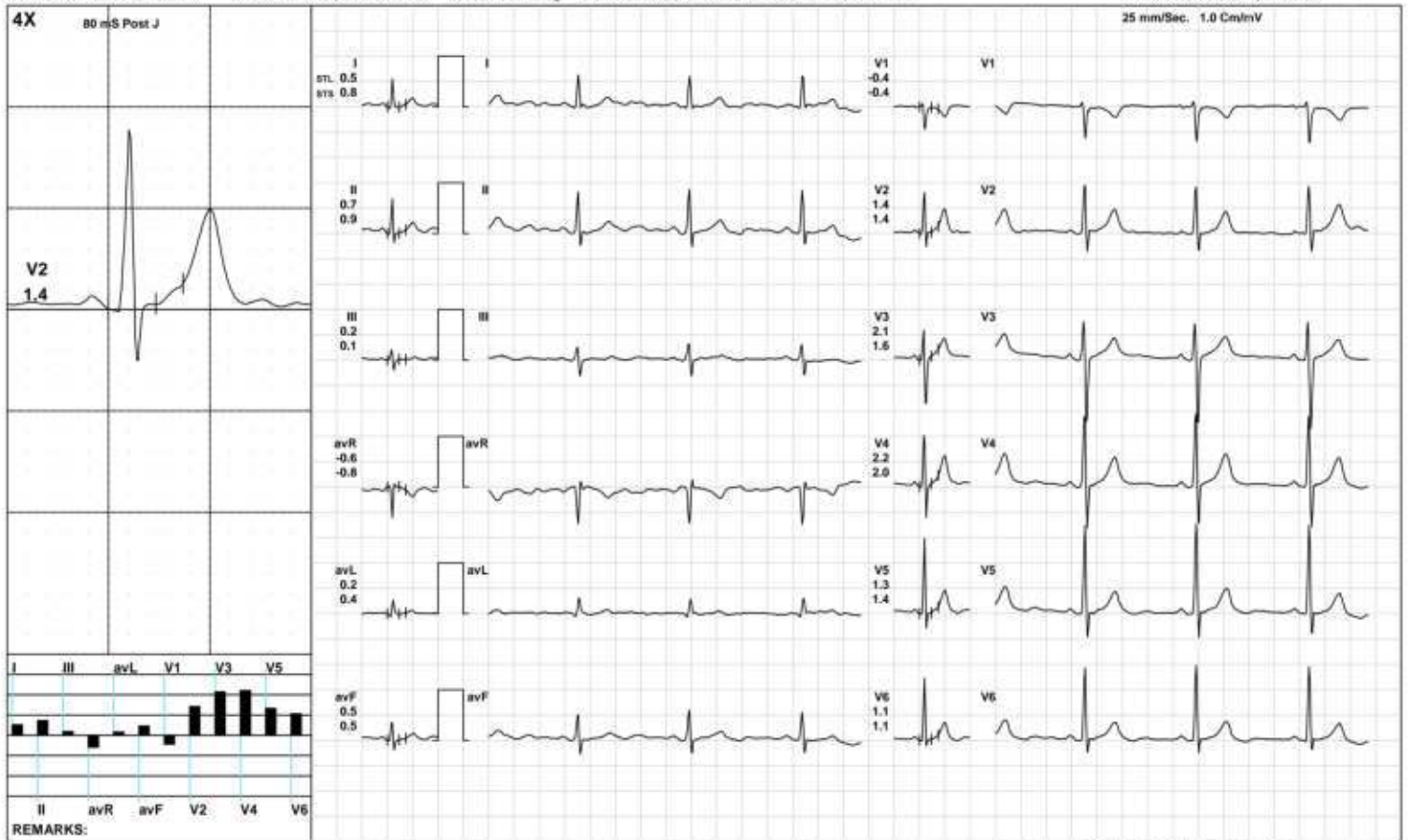
HV



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 67

Date: 10-Nov-2024 11:27:36 AM METS: 1.0/ 67 bpm 39% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:13 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTIC S**

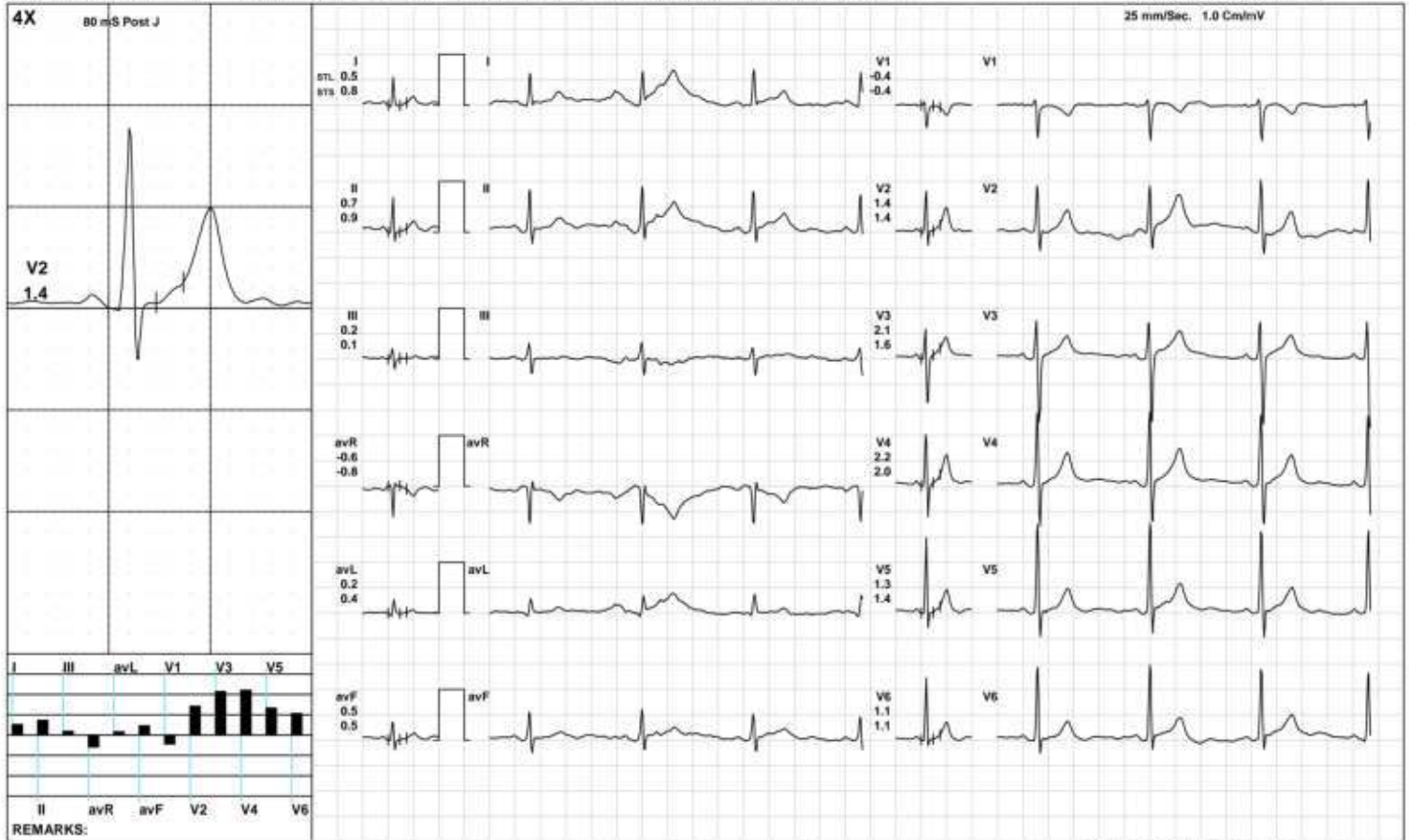
Warm Up



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 68

Date: 10-Nov-2024 11:27:36 AM METS: 1.0/ 68 bpm 40% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:17 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTIC S**

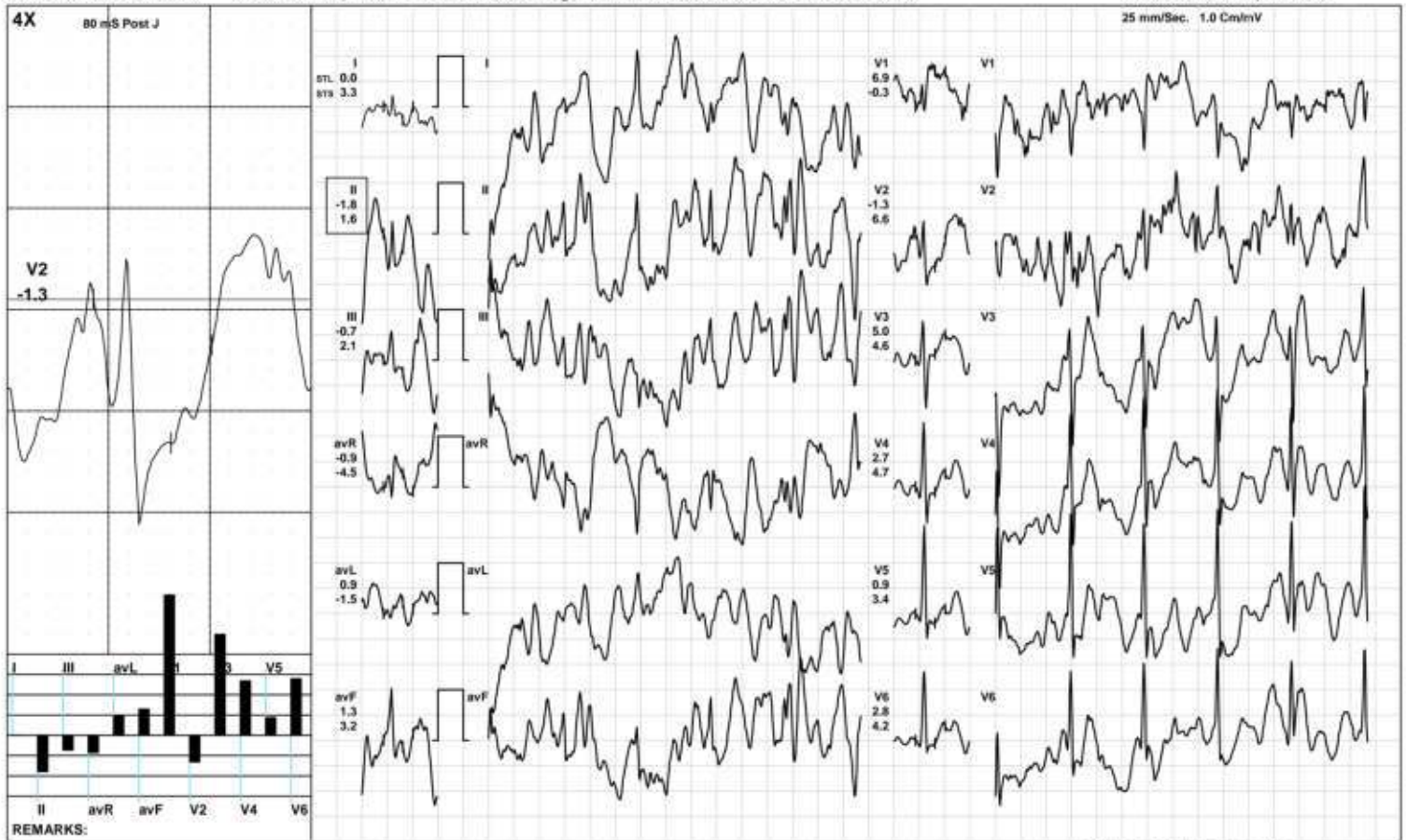
ExStart



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 107

Date: 10-Nov-2024 11:27:36 AM METS: 1.1/ 107 bpm 63% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 1.7 mph, 10.0%



**AAROGYAM DIAGNOSTIC S**

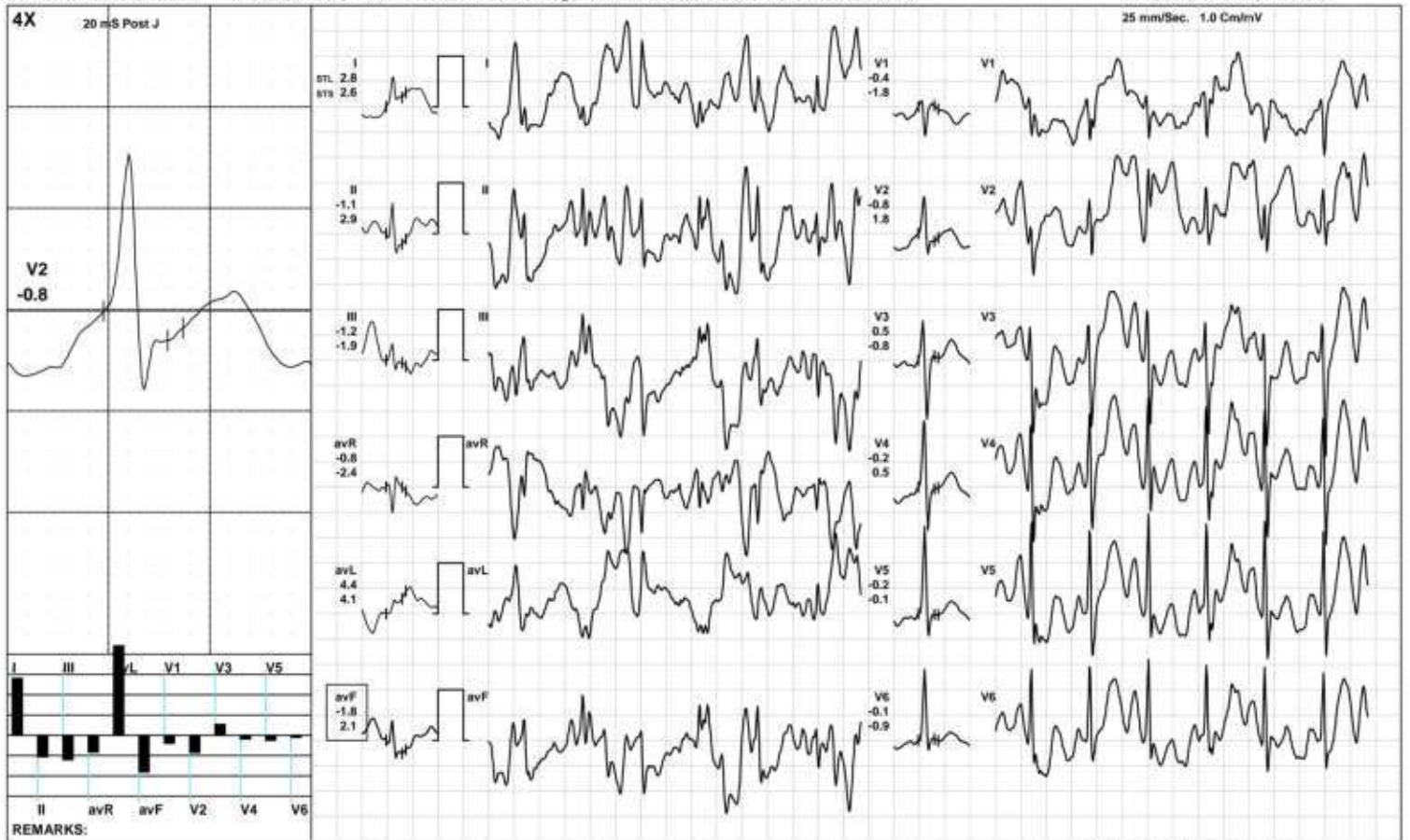
**BRUCE/Stage 1(3:00)**



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 128

Date: 10-Nov-2024 11:27:36 AM METS: 4.7/ 128 bpm 76% of THR BP: 135/95 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 DIAGNOSTIC S**

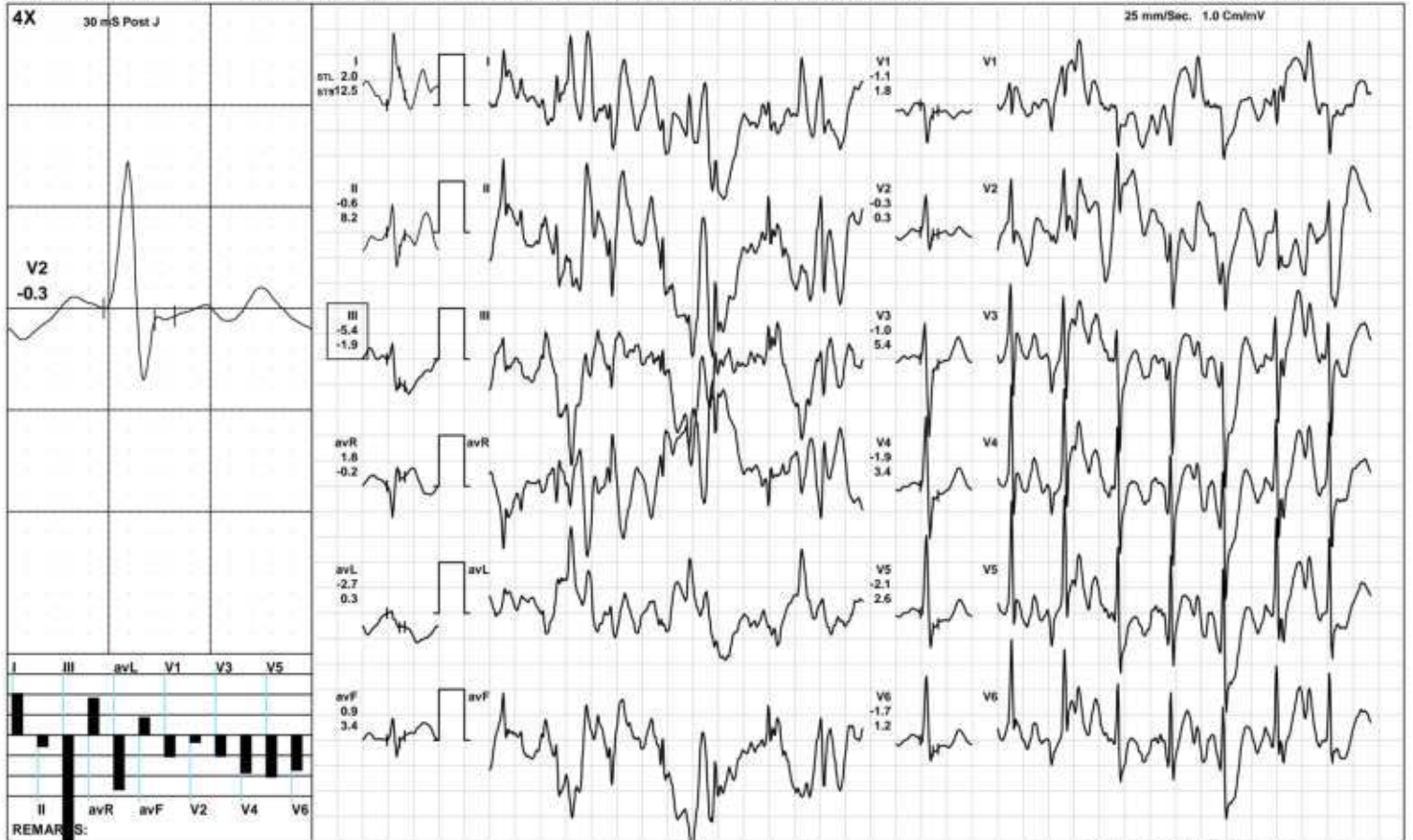
**BRUCE/Stage 2(3:00)**



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 141

Date: 10-Nov-2024 11:27:36 AM METS: 7.1/ 141 bpm 83% of THR BP: 140/100 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



**AAROGYAM DIAGNOSTIC S**

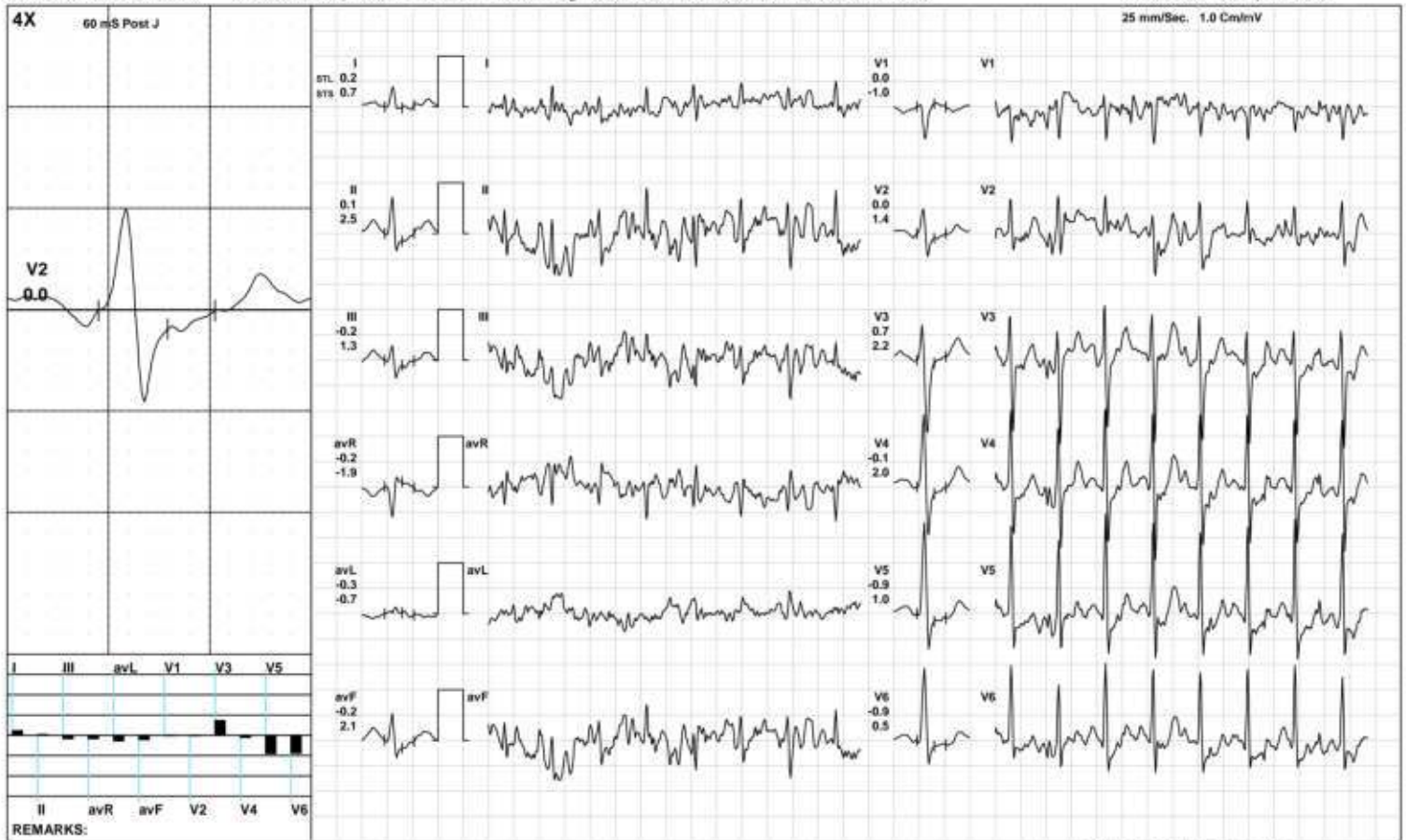
PeakEx



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 157

Date: 10-Nov-2024 11:27:36 AM METS: 8.6/ 157 bpm 93% of THR BP: 140/100 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:27 3.4 mph 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTIC S**

Recovery(1:00)



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 141

Date: 10-Nov-2024 11:27:36 AM METS: 1.2/ 141 bpm 83% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:28 1.1 mph, 0.0%



REMARKS:

(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTIC S**

Recovery(1:43)



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 128

Date: 10-Nov-2024 11:27:36 AM METS: 1.0/ 128 bpm 76% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:28 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTIC S**

**ST Measurements**



3300 / RAMESH KUMAR RAY / 52 Yrs / M / 170 Cms / 68 Kg / HR : 67

Date: 10-Nov-2024 11:27:36 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	0.5	0.7	0.2	-0.6	0.2	0.5	-0.4	1.4	2.1	2.2	1.3	1.1	0.8	0.9	0.1	-0.8	0.4	0.5	-0.4	1.4	1.6	2.0	1.4	1.1	
60 @mS Standing	0.5	0.7	0.2	-0.6	0.2	0.5	-0.4	1.4	2.1	2.2	1.3	1.1	0.8	0.9	0.1	-0.8	0.4	0.5	-0.4	1.4	1.6	2.0	1.4	1.1	
HV	0.5	0.7	0.2	-0.6	0.2	0.5	-0.4	1.4	2.1	2.2	1.3	1.1	0.8	0.9	0.1	-0.8	0.4	0.5	-0.4	1.4	1.6	2.0	1.4	1.1	
Warm Up	0.5	0.7	0.2	-0.6	0.2	0.5	-0.4	1.4	2.1	2.2	1.3	1.1	0.8	0.9	0.1	-0.8	0.4	0.5	-0.4	1.4	1.6	2.0	1.4	1.1	
ExStart	0.0	-1.8	-0.7	-0.9	0.9	1.3	6.9	-1.3	5.0	2.7	0.9	2.8	3.3	1.6	2.1	-4.5	-1.5	3.2	-0.3	6.6	4.6	4.7	3.4	4.2	
Stage 1	2.8	-1.1	-1.2	-0.8	4.4	-1.8	-0.4	-0.8	0.5	-0.2	-0.2	-0.1	2.6	2.9	-1.9	-2.4	4.1	2.1	-1.8	1.8	-0.8	0.5	-0.1	-0.9	
Stage 2	2.0	-0.6	-5.4	1.8	-2.7	0.9	-1.1	-0.3	-1.0	-1.9	-2.1	-1.7	-12.5	8.2	-1.9	-0.2	0.3	3.4	1.8	0.3	5.4	3.4	2.6	1.2	
PeakEx	0.2	0.1	-0.2	-0.2	-0.3	-0.2	0.0	0.0	0.7	-0.1	-0.9	-0.9	0.7	2.5	1.3	-1.9	-0.7	2.1	-1.0	1.4	2.2	2.0	1.0	0.5	
Recovery	0.3	1.0	0.7	-0.7	-0.1	0.9	0.1	0.3	1.4	0.7	0.0	-0.3	0.9	2.5	1.7	-1.7	-0.4	2.1	-0.6	2.2	3.0	3.1	2.5	1.6	
Recovery	-0.1	0.3	0.6	-0.1	-0.3	0.4	0.4	0.9	1.7	1.3	0.4	0.1	0.3	1.6	1.5	-0.9	-0.5	1.5	-0.3	1.7	2.7	3.1	2.0	1.5	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		6.4	8.8	2.3	-7.3	2.1	5.5	-7.0	18.8	20.4	25.7	17.9	13.5
Standing		6.4	8.8	2.3	-7.3	2.1	5.5	-7.0	18.8	20.4	25.7	17.9	13.5
HV		6.4	8.8	2.3	-7.3	2.1	5.5	-7.0	18.8	20.4	25.7	17.9	13.5
Warm Up		6.4	8.8	2.3	-7.3	2.1	5.5	-7.0	18.8	20.4	25.7	17.9	13.5
ExStart		-16.0	-19.2	-11.5	4.4	2.9	-3.7	45.8	-17.7	30.1	13.3	0.7	15.5
Stage 1		9.6	-4.0	-4.4	-2.9	15.1	-6.8	-1.2	-3.1	2.2	-0.5	-0.6	0.0
Stage 2		12.7	-5.2	-18.9	6.4	-9.6	1.9	-4.7	-1.4	-5.5	-7.8	-8.3	-6.8
PeakEx		-0.8	-5.2	-4.2	2.9	-0.9	-5.1	2.3	-3.5	1.3	-4.2	-6.9	-5.3
Recovery		1.0	2.7	1.8	-1.9	-0.1	2.2	1.7	-1.7	3.2	-0.9	-3.8	-4.1
Recovery		-0.7	-0.2	1.3	0.5	-0.6	0.1	3.6	1.2	6.5	2.9	-0.7	-1.6



3300 / RAMESH KUMAR RAY / 52 Yrs / Male / 170 Cm / 68 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 & P.J)	Min. Post JRR Var (μV)	(%)	VEB (Counts)	Missed Beats (Counts)
00:30	111	166	70	-10	355	794	2149	-1425	991	-433	II	-249	0.00	0	0
01:00	120	168	70	53	491	-667	2073	-1411	799	-111	I	-378	0.00	0	0
01:30	125	162	72	9	458	-703	1938	-1243	-755	-280	avF	-512	0.00	0	0
02:00	127	154	78	12	403	-551	1912	-1288	-737	-50	V2	-157	0.00	0	0
02:30	129	148	58	-22	390	-830	1743	-1422	-1021	-282	III	-778	0.00	0	0
03:00	127	154	68	-18	315	-641	1854	-1467	807	-229	III	-407	0.00	0	0
03:30	130	130	68	192	320	-1068	1557	-1868	1153	-11	V2	-525	0.00	0	0
04:00	135	138	66	52	372	833	1827	-1822	-2346	-1870	III	-1670	0.00	0	0
04:30	138	130	72	13	205	652	1842	-1275	-767	-184	II	-251	0.00	0	0
05:00	140	130	74	1	427	502	1817	-1378	-870	-198	III	-368	0.00	0	0
05:30	142	138	80	5	417	-1034	1887	-1396	-1083	-182	III	-990	0.00	0	0
06:00	140	136	62	5	360	412	1806	-1418	-704	-499	III	-677	0.00	0	0
06:30	147	128	74	12	392	547	1879	-1508	588	181	II	-187	0.00	0	0
07:00	153	100	80	3	391	185	1763	-1530	-455	-76	avF	-140	0.00	0	0
07:30	157	110	66	16	434	338	1747	-1530	443	-327	V5	-212	0.00	0	0
08:00	154	102	66	15	427	268	1569	-1488	489	-219	V5	-119	0.00	0	0
08:30	144	116	66	8	437	294	1640	-1452	555	-169	V5	-58	0.00	0	0
09:00	135	138	80	9	413	243	1694	-1472	683	-126	II	-62	0.00	0	0



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

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www.aarogyamdiagnostics.com

Name :- Ramesh Kumar Ray  
Pt's ID :- 18/39884  
Refd by :- Dr. Corp.

Age/Sex:-52Yrs/M  
Date :10/11/24

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Mild enlarged in size(14.3cm) 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 (7.2cm)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 9.6cm and Left Kidney measures 9.8cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (22cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Mild Hepatomegaly.  
Otherwise Normal Scan.*

*Dr. Arun Kumar  
MBBS, DMRD(Radio-Diagnosis)  
Consultant Radiologist*



Lab Facility : Unipath House, Besides Sahjanand College, Opp. Kamdhenu Complex, Panjarapole, Ambawadi, Ahmedabad-380015 Gujarat  
 Phone: +91-79-49006800 | WhatsApp: 6356005900 | Email: info@unipath.in | Website: www.unipath.in  
 Regd. Of- ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat  
 CIN: U85195GJ2009PLC057059



41104100147

**TEST REPORT**

<b>Reg.No</b> : 41104100147	<b>Reg.Date</b> : 11-Nov-2024 13:44	<b>Collection</b> : 11-Nov-2024 13:44
<b>Name</b> : RAMESH KUMAR RAY		<b>Received</b> : 11-Nov-2024 13:44
<b>Age</b> : 52 Years	<b>Sex</b> : Male	<b>Report</b> : 11-Nov-2024 14:46
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 11-Nov-2024 15:06
<b>Referral Dr</b> : <input type="checkbox"/>	<b>Status</b> : Final	<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID FUNCTION TEST</b>			
T3 (triiodothyronine), Total <small>C/MIA</small>	0.76	ng/mL	0.40 - 1.81
T4 (Thyroxine), Total <small>C/MIA</small>	5.01	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>C/MIA</small>	H 7.581	µIU/mL	0.35 - 4.94

**Sample Type:** Serum

**Comments:**

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

**TSH levels During Pregnancy :**

- First Trimester : 0.1 to 2.5 µIU/mL
- Second Trimester : 0.2 to 3.0 µIU/mL
- Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

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

**Dr. Rina Prajapati**  
 D.C.P. DNB (Path)  
 G-21793

**Dr. Chandani Dangarasia**

MBBS, DPB  
 Page 1 of 1 Reg. No.:- G- 1060