

भारत सरकार  
Government of India

अभिषेक रंजन  
Abhishek Ranjan  
जन्म तिथि/DOB: 15/06/1984  
पुरुष/ MALE

2615 3633 0948  
VID : 9192 6862 4235 9712

मेरा आधार, मेरी पहचान



CONTINUED

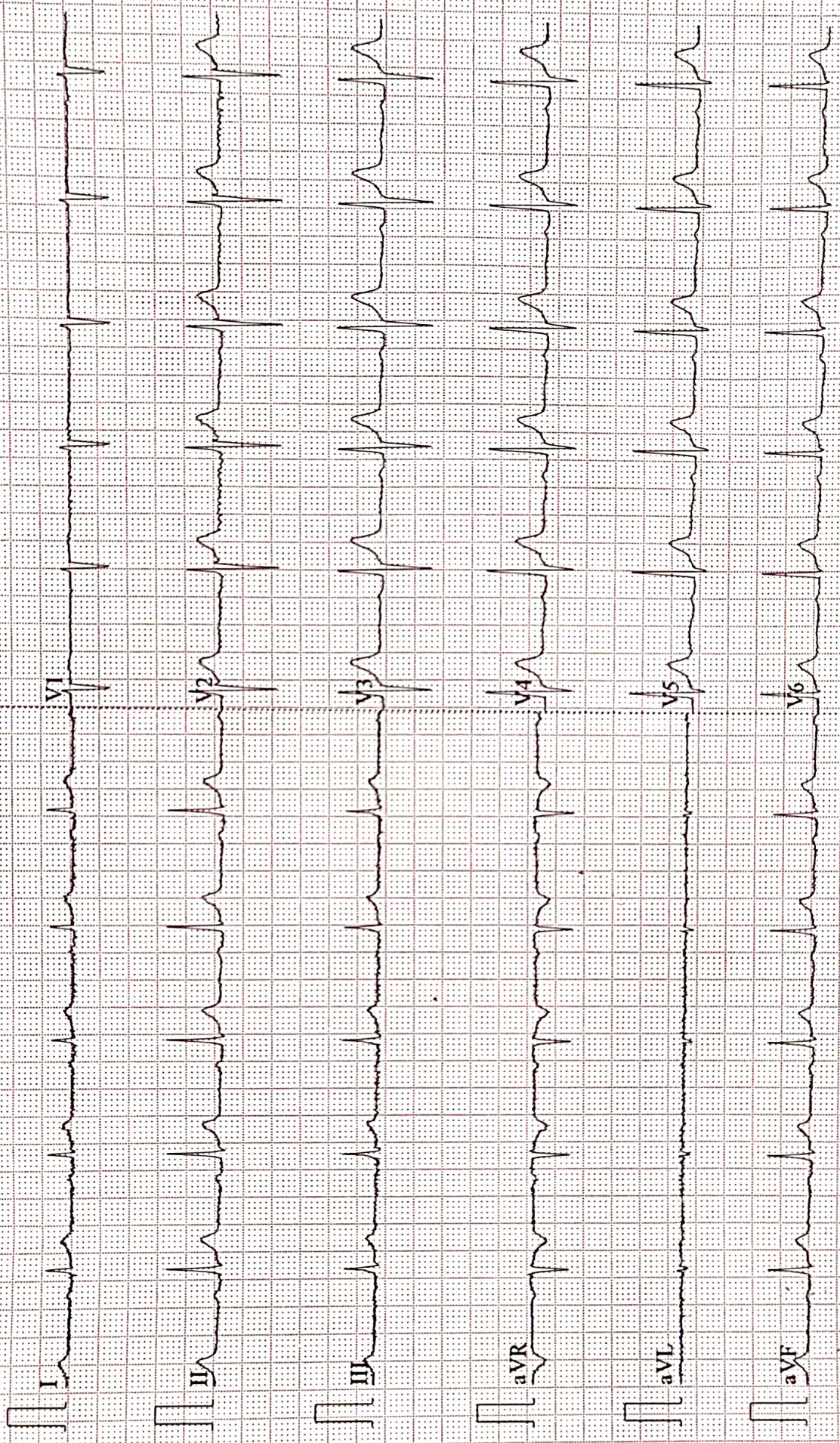
08-03-2024 10:04:43 PM-12

ID: 381  
ABHISHEK RANJAN  
Male 39Years

Diagnosis Information:  
Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

HR : 68 bpm  
P : 92 ms  
PR : 192 ms  
QRS : 89 ms  
QT/QTc : 343/367 ms  
PQRST : 52/63/60 c  
RV5/SV1 : 1.1/1.8/0.637 mV

Ref-Phys. :  
Report Confirmed by:



Patient Name	ABHISHEK RANJAN	Date	08-03-2024
Age/Sex	39/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*





Name :- Abhishek Ranjan  
Refd by :- Corp.

Age/Sex:-39Yrs/M  
Date :-08/03/24

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size(14.1cm) with slightly raised 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(11.8cm) 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 10.7cm and Left Kidney measures 11.1cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (11.0cc)& normal echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Mild Hepatomegaly with Mild Fatty Liver.  
Otherwise Normal Scan.*

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





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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>	<b>08/03/2024</b>	<b>Srl No.</b>	<b>5</b>	<b>Patient Id</b>	<b>2403080005</b>
<b>Name</b>	<b>Mr. ABHISHEK RANJAN</b>	<b>Age</b>	<b>39 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.1	%	

### 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>Mr. ABHISHEK RANJAN</b>	<b>Age 39 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	14.3	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,500	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	31	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	09	mm/1st hr.	0 - 15
R B C COUNT	4.9	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	42.9	%	40 - 54
M C V	87.55	fl.	80 - 100
M C H	29.18	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.29	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	80	mg/dl	70 - 110
SERUM CREATININE	0.86	mg%	0.7 - 1.4
BLOOD UREA	20.2	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.1	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



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<b>Name</b>	<b>Mr. ABHISHEK RANJAN</b>	<b>Age 39 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.53	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.17	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.36	mg/dl	0.00 - 0.70
TOTAL PROTEIN	8.2	gm/dl	6.6 - 8.3
ALBUMIN	4.5	gm/dl	3.4 - 5.2
GLOBULIN	<b>3.7</b>	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.216</b>		
SGOT	21.1	IU/L	5 - 40
SGPT	18.2	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	89.1	U/L	40.0 - 130.0
GAMMA GT	53.2	IU/L	8.0 - 71.0

### LFT INTERPRET

### LIPID PROFILE

TRIGLYCERIDES	87.0	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	168.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	43.2	mg/dL	35.1 - 88.0
V L D L	17.4	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	107.5	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.891		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.488		0.00 - 3.55
THYROID PROFILE			
QUANTITY	10	ml.	



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<b>Name</b>	<b>Mr. ABHISHEK RANJAN</b>	<b>Age 39 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.015		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		

**MICROSCOPIC EXAMINATION**

PUS CELLS	0-1	/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.





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

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

Test Name	Value	Unit	Normal Value
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**BIOCHEMISTRY**

BLOOD SUGAR PP	119.1	mg/dl	80 - 160
BOB			

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

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

**AAROGYAM DIAGNOSTICS****PATNA****2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg Date: 08-Mar-2024 Technician : ARUN****Report**

(GEM212170906)(R)Kardic by Allengers

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	68	38 %	120/80	081	00	
Standing	00:53	0:01	00.0	00.0	01.0	78	43 %	120/80	093	00	
HV	01:03	0:01	00.0	00.0	01.0	069	38 %	120/80	082	00	
Warm Up	01:19	0:01	01.0	00.0	01.0	075	41 %	120/80	090	00	
ExStart	01:33	0:06	01.7	10.0	01.1	087	48 %	120/80	104	00	
BRUCE/ Stage 1	04:33	3:00	01.7	10.0	04.7	115	64 %	125/85	143	00	
BRUCE/ Stage 2	07:33	3:00	02.5	12.0	07.1	146	81 %	130/90	189	00	
PeakEx	08:36	1:03	03.4	14.0	08.2	156	86 %	130/90	202	00	
Recovery	09:35	1:00	01.1	00.0	01.2	135	75 %	125/85	168	00	
Recovery	10:35	2:00	01.1	00.0	01.0	124	69 %	120/80	148	00	
Recovery	12:08	3:32	01.1	00.0	01.0	118	65 %	120/80	141	00	

**Findings :**

Exercise Time : 07:04  
Max HR Attained : 168 bpm 93% of Target 181  
Max BP Attained : (Sys) 130/90  
Max WorkLoad Attained : 8.2 Fair response to induced stress  
Max ST Dep Lead & Value : V1 & -1.0 mm in ExStart mm  
Test End Reasons : Leg Pain

**Report :**

**AAROGYAM DIAGNOSTICS**

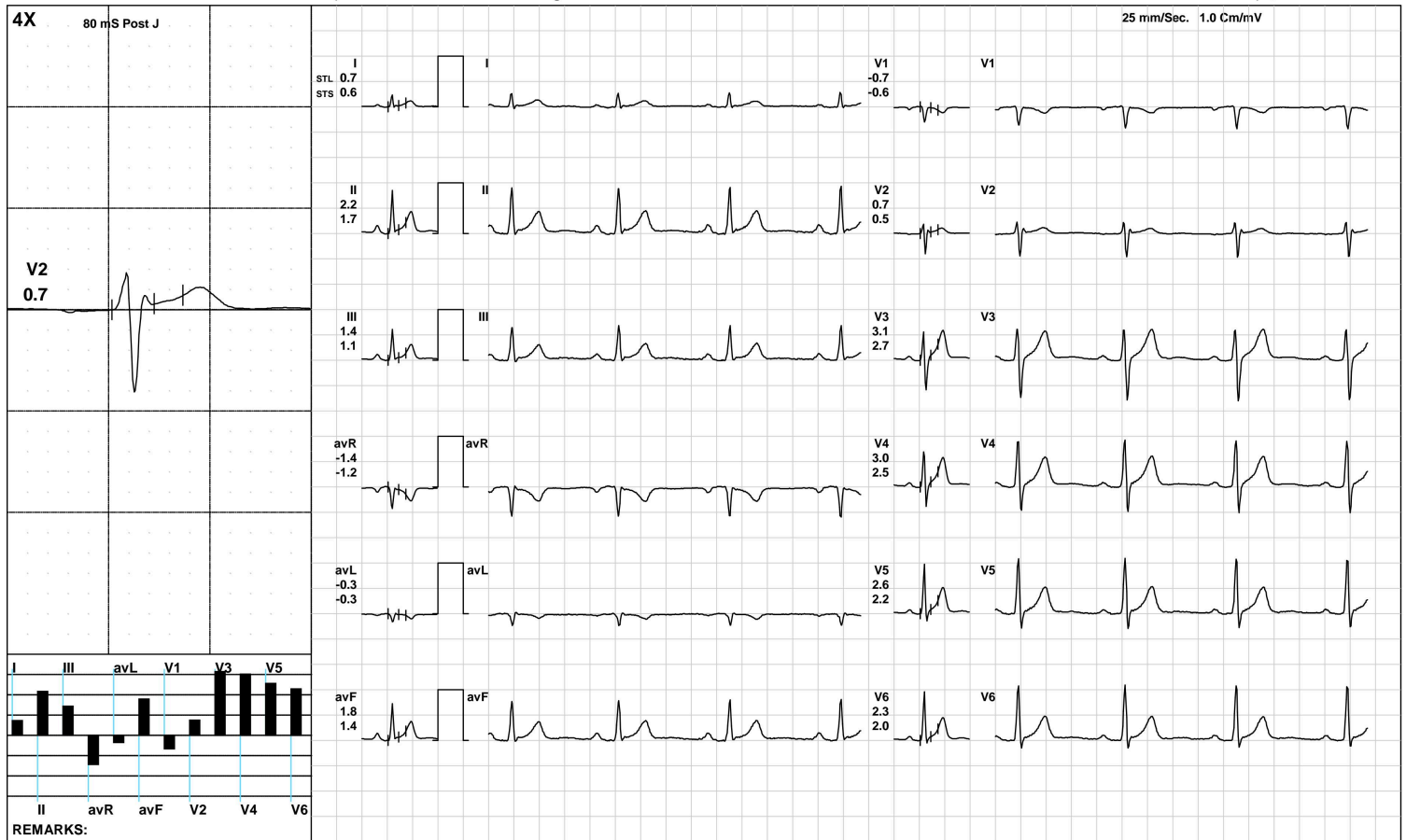
2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 68

Supine



Date: 08-Mar-2024 11:17:50 AM METS: 1.0/ 68 bpm 37% of THR BP: 120/80 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

**AAROGYAM DIAGNOSTICS**

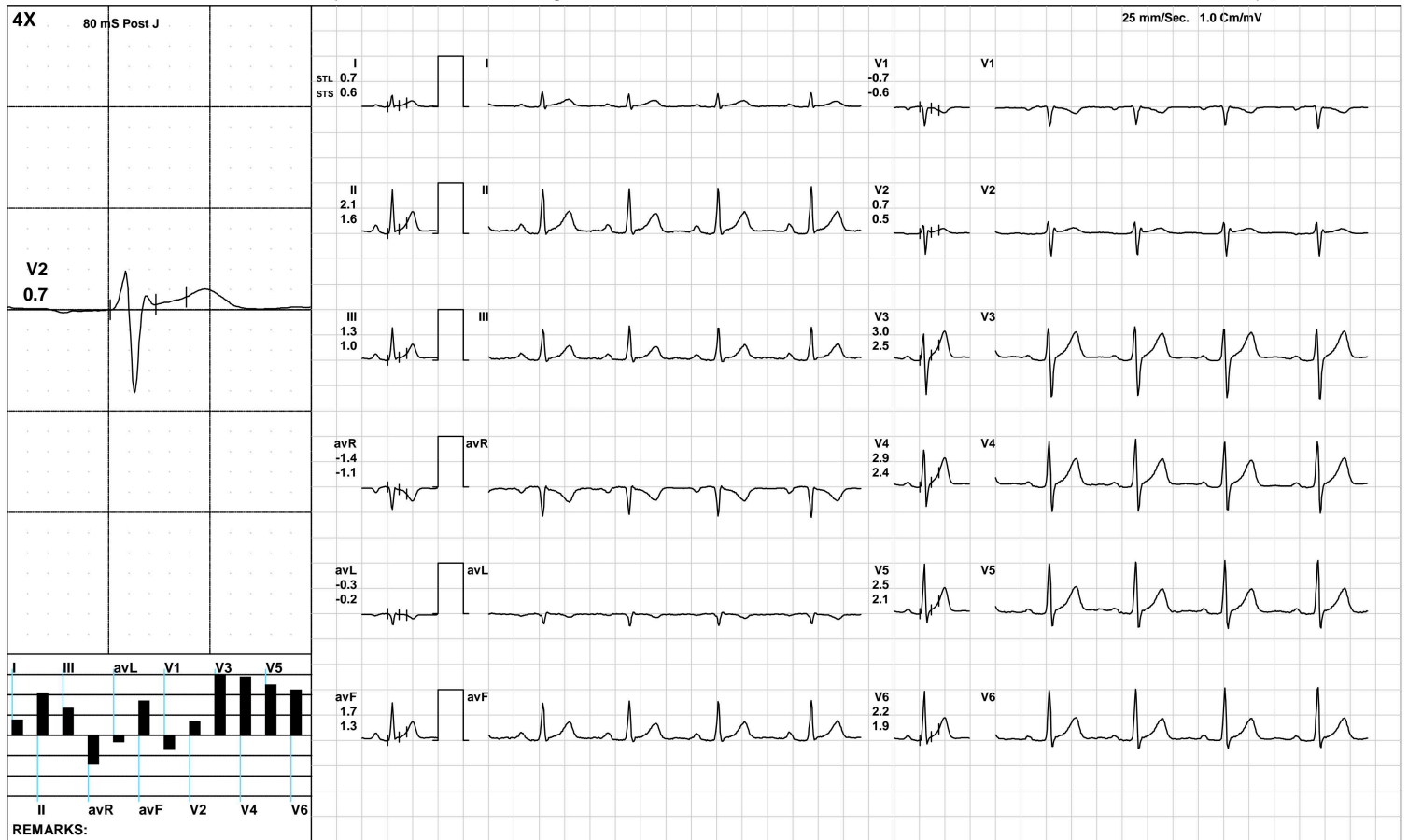
2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 78

Standing



Date: 08-Mar-2024 11:17:50 AM METS: 1.0/ 78 bpm 43% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:53 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

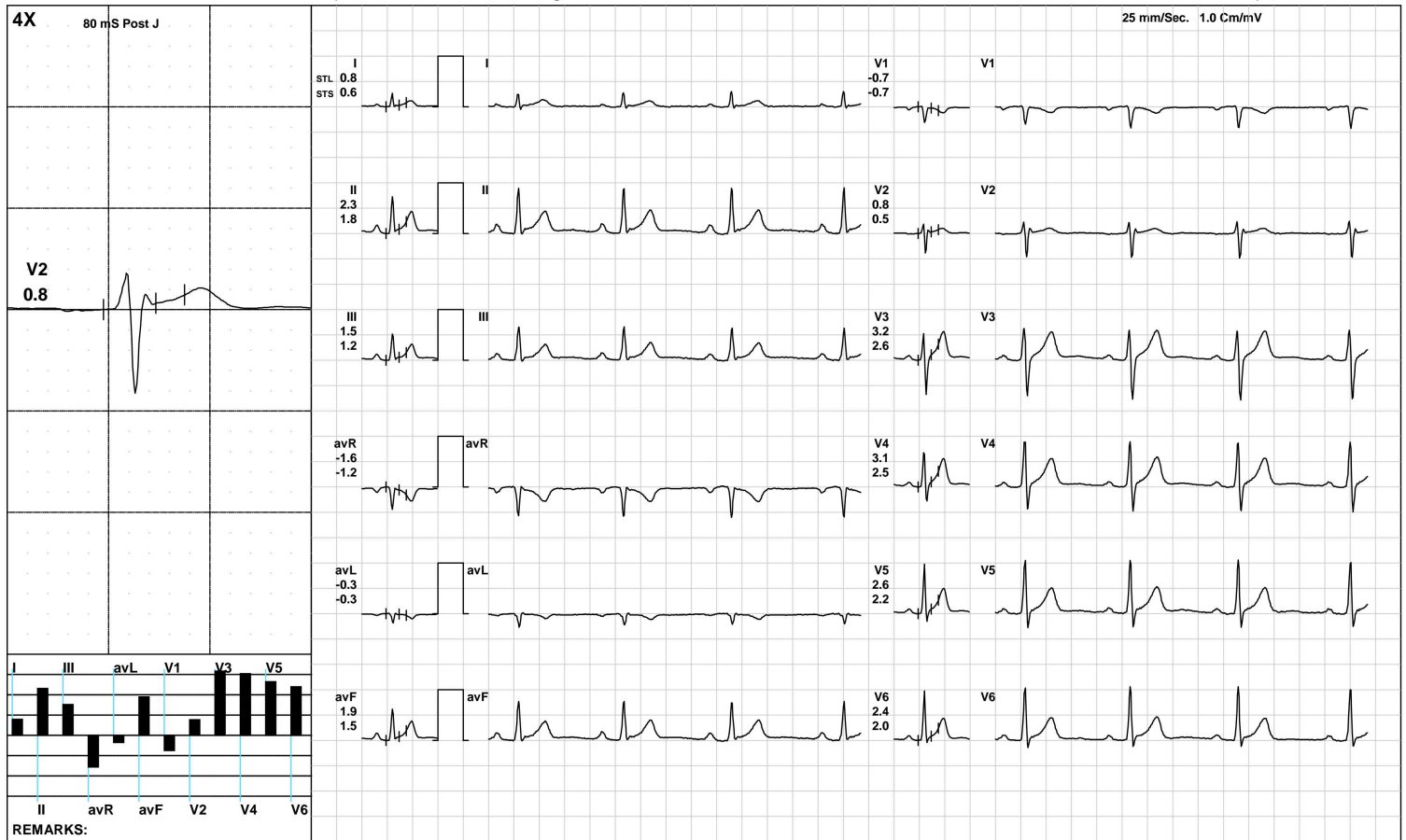
**HV**



2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 69

Date: 08-Mar-2024 11:17:50 AM METS: 1.0/ 69 bpm 38% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 01:03 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

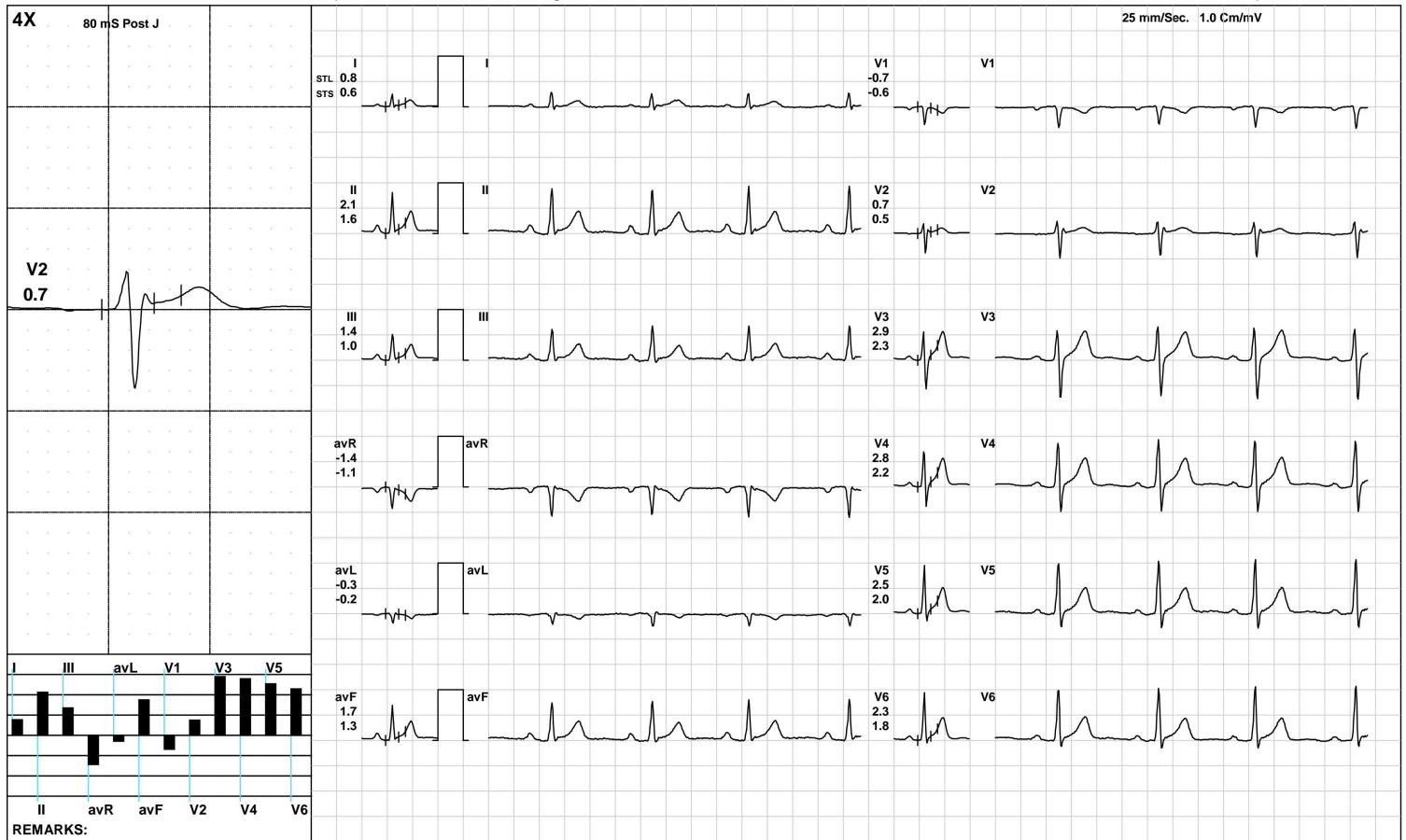
**Warm Up**



2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 75

Date: 08-Mar-2024 11:17:50 AM METS: 1.0/ 75 bpm 41% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 01:19 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

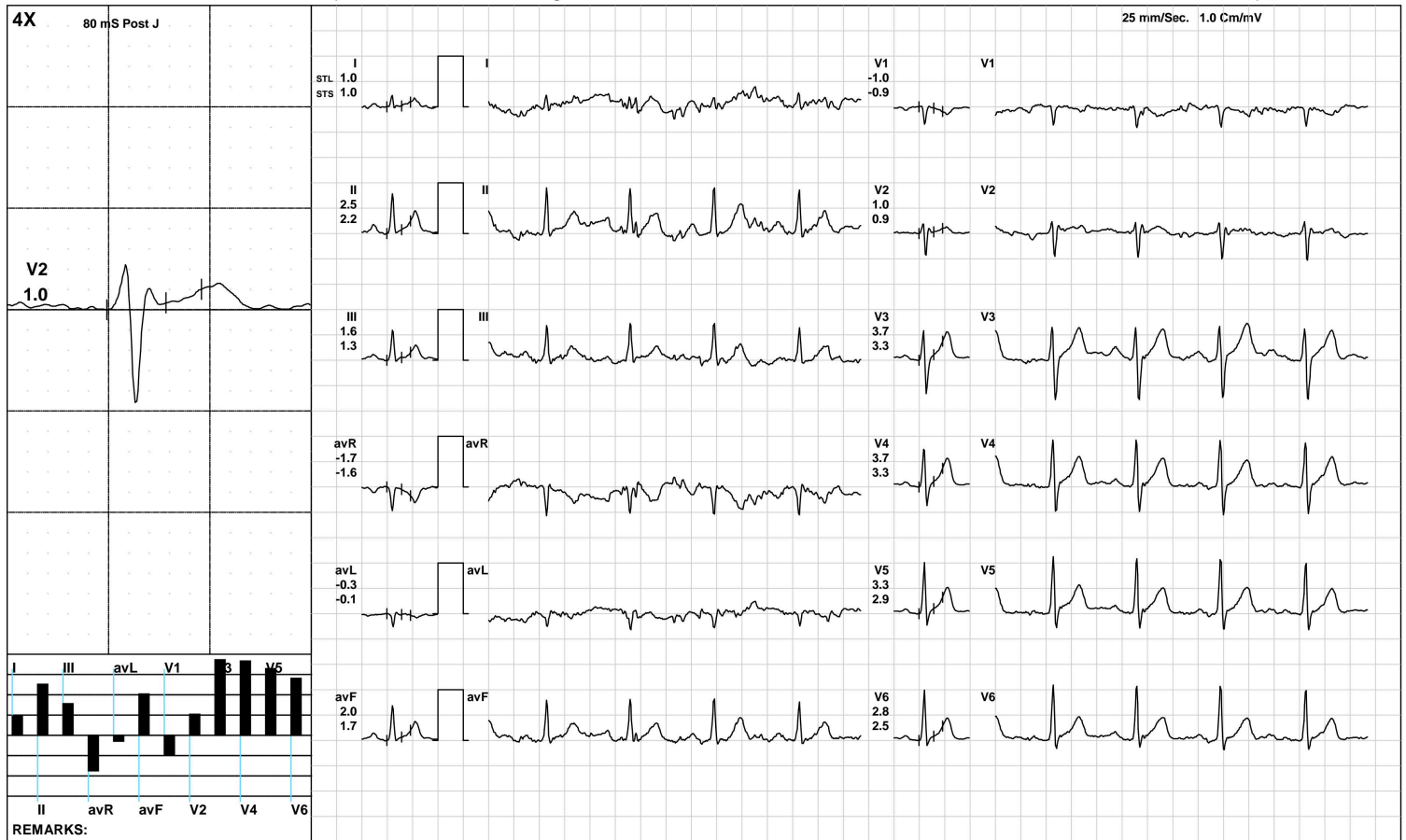
**ExStart**



2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 87

Date: 08-Mar-2024 11:17:50 AM METS: 1.1/ 87 bpm 48% of THR BP: 120/80 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



**AAROGYAM DIAGNOSTICS**

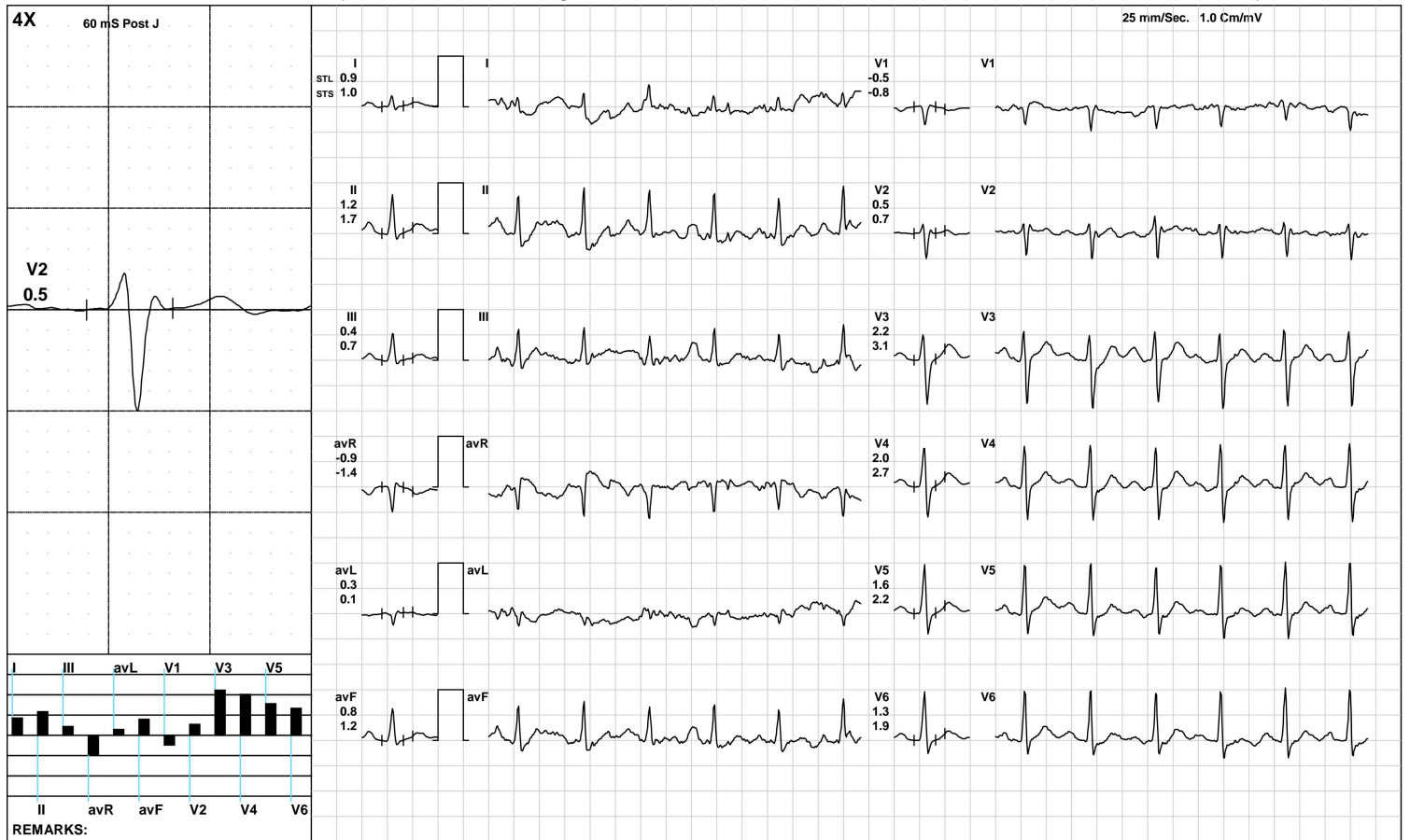
**BRUCE/:Stage 1(3:00)**



2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 115

Date: 08-Mar-2024 11:17:50 AM METS: 4.7/ 115 bpm 63% of THR BP: 125/85 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**

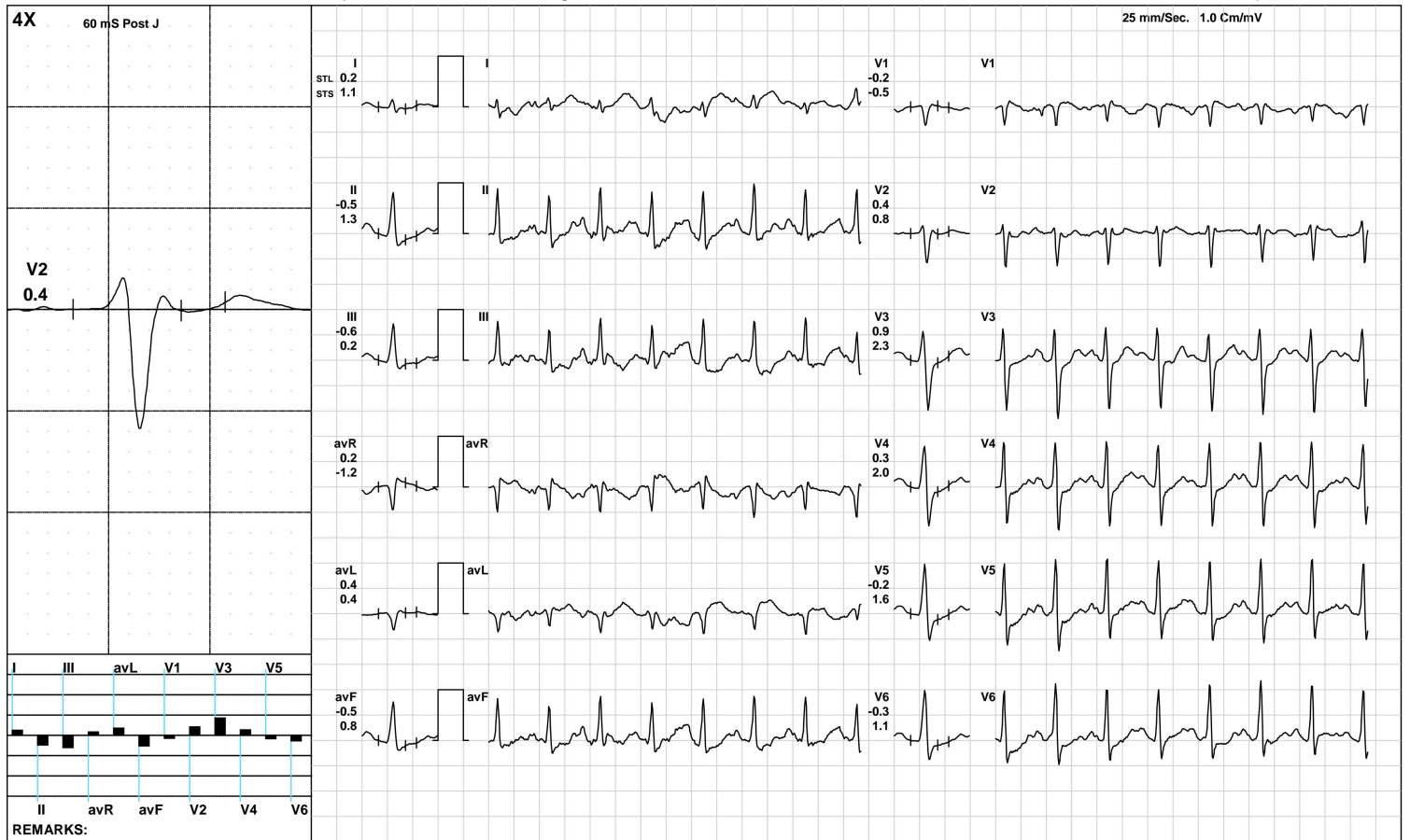
**BRUCE/:Stage 2(3:00)**



2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 146

Date: 08-Mar-2024 11:17:50 AM METS: 7.1/ 146 bpm 80% of THR BP: 130/90 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

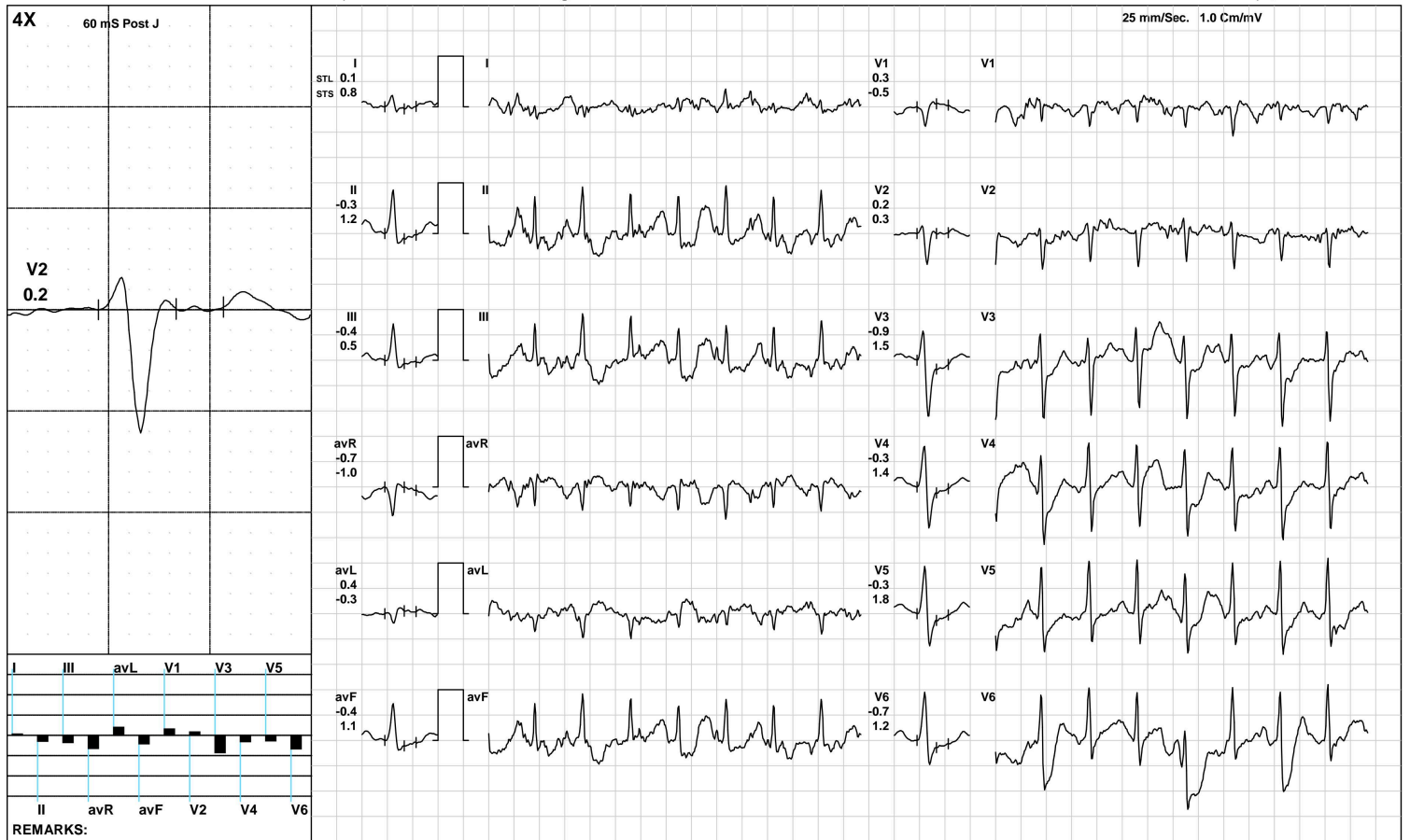
**AAROGYAM DIAGNOSTICS**



2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 156

Date: 08-Mar-2024 11:17:50 AM METS: 8.2/ 156 bpm 86% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:03 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

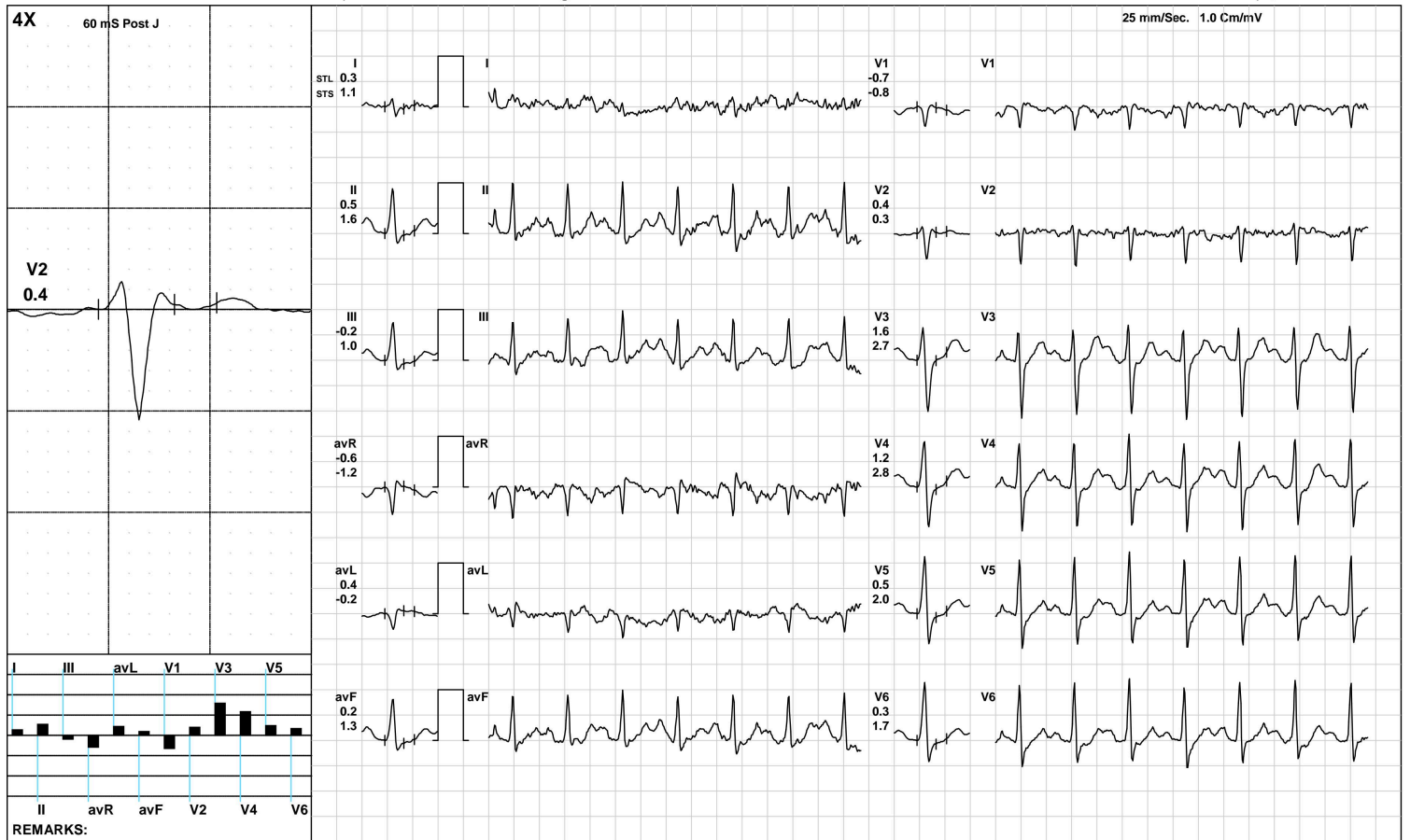
2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 135

Recovery(1:00)



Date: 08-Mar-2024 11:17:50 AM METS: 1.2/ 135 bpm 74% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

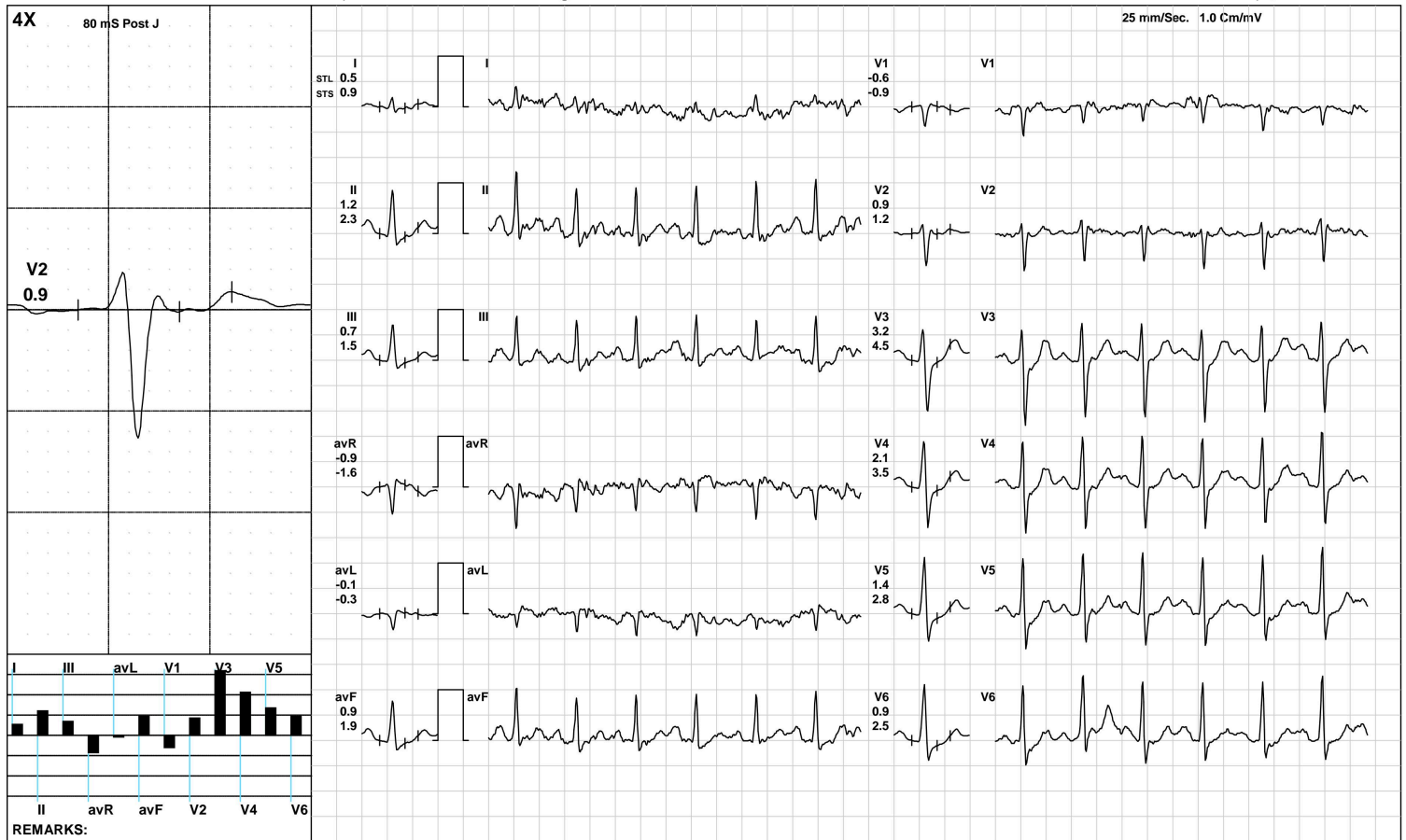
2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 124

Recovery(2:00)



Date: 08-Mar-2024 11:17:50 AM METS: 1.0/ 124 bpm 68% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

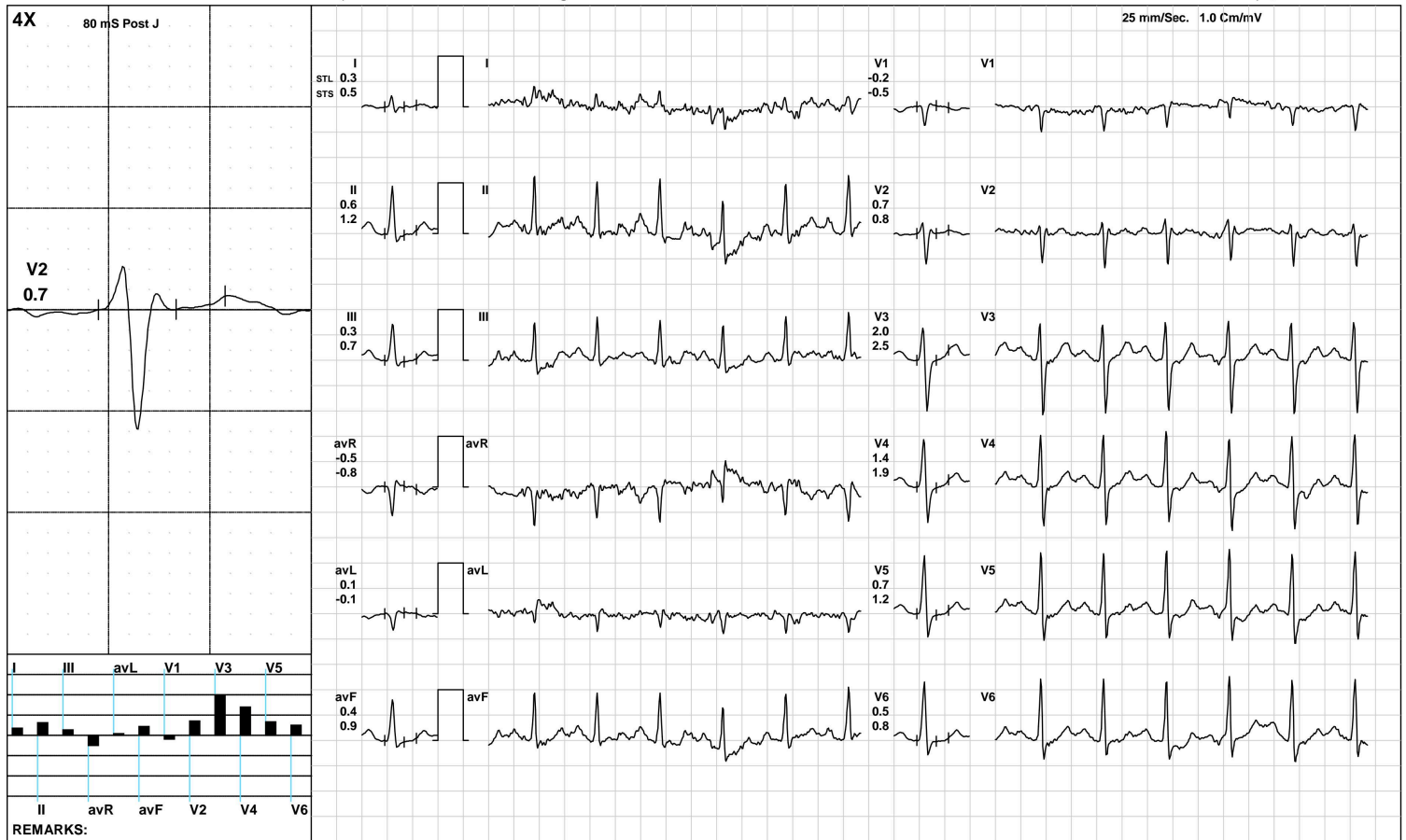
2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 118

Recovery(3:32)



Date: 08-Mar-2024 11:17:50 AM METS: 1.0/ 118 bpm 65% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



2540 / MR. ABHISHEK RANJAN / 39 Yrs / M / 175 Cms / 82 Kg / HR : 71

Date: 08-Mar-2024 11:17:50 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	0.7	2.2	1.4	-1.4	-0.3	1.8	-0.7	0.7	3.1	3.0	2.6	2.3	0.6	1.7	1.1	-1.2	-0.3	1.4	-0.6	0.5	2.7	2.5	2.2	2.0	
80 @mS Standing	0.7	2.1	1.3	-1.4	-0.3	1.7	-0.7	0.7	3.0	2.9	2.5	2.2	0.6	1.6	1.0	-1.1	-0.2	1.3	-0.6	0.5	2.5	2.4	2.1	1.9	
HV	0.8	2.3	1.5	-1.6	-0.3	1.9	-0.7	0.8	3.2	3.1	2.6	2.4	0.6	1.8	1.2	-1.2	-0.3	1.5	-0.7	0.5	2.6	2.5	2.2	2.0	
Warm Up	0.8	2.1	1.4	-1.4	-0.3	1.7	-0.7	0.7	2.9	2.8	2.5	2.3	0.6	1.6	1.0	-1.1	-0.2	1.3	-0.6	0.5	2.3	2.2	2.0	1.8	
ExStart	1.0	2.5	1.6	-1.7	-0.3	2.0	-1.0	1.0	3.7	3.7	3.3	2.8	1.0	2.2	1.3	-1.6	-0.1	1.7	-0.9	0.9	3.3	3.3	2.9	2.5	
Stage 1	0.9	1.2	0.4	-0.9	0.3	0.8	-0.5	0.5	2.2	2.0	1.6	1.3	1.0	1.7	0.7	-1.4	0.1	1.2	-0.8	0.7	3.1	2.7	2.2	1.9	
Stage 2	0.2	-0.5	-0.6	0.2	0.4	-0.5	-0.2	0.4	0.9	0.3	-0.2	-0.3	1.1	1.3	0.2	-1.2	0.4	0.8	-0.5	0.8	2.3	2.0	1.6	1.1	
PeakEx	0.1	-0.3	-0.4	-0.7	0.4	-0.4	0.3	0.2	-0.9	-0.3	-0.3	-0.7	0.8	1.2	0.5	-1.0	-0.3	1.1	-0.5	0.3	1.5	1.4	1.8	1.2	
Recovery	0.3	0.5	-0.2	-0.6	0.4	0.2	-0.7	0.4	1.6	1.2	0.5	0.3	1.1	1.6	1.0	-1.2	-0.2	1.3	-0.8	0.3	2.7	2.8	2.0	1.7	
Recovery	0.5	1.2	0.7	-0.9	-0.1	0.9	-0.6	0.9	3.2	2.1	1.4	0.9	0.9	2.3	1.5	-1.6	-0.3	1.9	-0.9	1.2	4.5	3.5	2.8	2.5	
Recovery	0.3	0.6	0.3	-0.5	0.1	0.4	-0.2	0.7	2.0	1.4	0.7	0.5	0.5	1.2	0.7	-0.8	-0.1	0.9	-0.5	0.8	2.5	1.9	1.2	0.8	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	5.8	19.2	13.3	-12.5	-3.8	16.3	-5.3	5.5	26.5	26.0	22.7	19.8
Standing	6.0	19.4	13.4	-12.7	-3.7	16.3	-5.8	5.2	26.7	26.2	23.0	20.4
HV	6.2	20.2	13.9	-13.2	-3.8	17.0	-5.7	5.5	26.4	26.0	22.8	20.1
Warm Up	6.5	20.0	13.5	-13.2	-3.6	16.9	-5.8	5.7	26.0	25.7	23.3	20.5
ExStart	7.2	19.7	12.5	-13.5	-2.6	16.1	-6.9	6.6	27.3	27.3	24.6	20.7
Stage 1	3.8	5.4	2.5	-4.2	1.4	4.0	-2.0	2.2	10.0	8.9	6.7	5.7
Stage 2	-0.7	-4.7	-3.6	2.9	1.3	-4.1	-0.2	0.5	0.9	-2.1	-3.9	-3.7
PeakEx	-0.7	-3.8	-3.0	-2.1	2.7	-4.5	2.8	0.2	-8.6	-4.6	-5.1	-6.1
Recovery	0.7	0.7	-2.5	-1.6	2.8	-0.9	-2.4	1.0	4.6	2.5	-0.5	-0.7
Recovery	1.1	2.6	1.4	-1.9	-0.1	2.0	-2.1	2.9	11.6	5.8	2.4	0.2
Recovery	1.3	2.4	1.1	-2.0	0.5	1.7	-0.6	2.7	8.9	5.8	2.1	1.8



PATNA

2540 / MR. ABHISHEK RANJAN / 39 Yrs / Male / 175 Cm / 82 Kg

Time	HR	PR Int	QRS Wid	QRS Axis	QTC	P(μV)	R(μV)	S(μV)	T(μV)	Min. J Leads for	Min. Post RR Var	VEB	Missed Beats
(Min.)	(bpm)	(mS)	(mS)	(Deg.)	(mS)	(Max)	(Max)	(Min)	(Max)	(μV) (I & PJ)	(μV) (%)	(Counts)	(Counts)
00 : 30	70	186	88	72	396	174	1029	-770	573	-20 V1	-50	0.00	0
01 : 00	88	290	88	75	394	183	1052	-751	563	-5 V1	-50	0.00	0
01 : 30	98	222	92	75	453	214	1051	-802	570	-38 V1	-68	0.00	0
02 : 00	105	196	90	78	429	201	1042	-839	401	7 V1	-63	0.00	0
02 : 30	110	180	92	80	433	234	1063	-861	319	-4 V1	-34	0.00	0
03 : 00	112	168	92	70	446	264	1021	-872	323	21 V1	-41	0.00	0
03 : 30	115	174	92	73	432	246	1008	-901	344	-7 V1	-64	0.00	0
04 : 00	113	166	70	74	426	236	989	-904	329	42 V1	-14	0.00	0
04 : 30	121	162	70	80	437	206	1028	-925	316	34 avL	-28	0.00	0
05 : 00	128	154	76	85	433	238	981	-980	249	-194 V6	-59	0.00	0
05 : 30	131	148	70	70	327	257	1004	-979	263	-367 V5	-54	0.00	0
06 : 00	136	136	76	90	329	234	1035	-1029	202	-133 III	-60	0.00	0
06 : 30	142	134	76	83	425	254	1010	-1016	239	-148 III	-105	0.00	0
07 : 00	144	130	76	85	421	294	1008	-1020	251	-187 V6	-75	0.00	0
07 : 30	149	122	76	90	421	240	1050	-1043	298	-217 V6	-82	0.00	0
08 : 00	155	118	68	84	153	238	992	-1160	-293	-572 V3	-198	0.00	0
08 : 30	150	108	74	84	439	316	1022	-1077	-373	-422 V6	-242	0.00	0
09 : 00	138	128	70	96	418	283	1136	-1097	390	-226 II	-77	0.00	0
09 : 30	124	144	76	87	333	278	1093	-1121	433	-115 I	-114	0.00	0
10 : 00	127	146	76	83	437	293	1146	-1152	408	-219 V6	-49	0.00	0
10 : 30	120	136	76	79	428	256	1188	-1108	399	-73 I	-70	0.00	0
11 : 00	120	160	76	83	431	259	1212	-1107	364	-159 II	-57	0.00	0
11 : 30	120	136	76	83	432	289	1175	-1071	317	-163 V6	-28	0.00	0





MC-2024

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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



40304100130

### TEST REPORT

<b>Reg.No</b> : 40304100130	<b>Reg.Date</b> : 09-Mar-2024 14:02	<b>Collection</b> : 09-Mar-2024 14:02
<b>Name</b> : ABHISHEK RANJAN	<b>Sex</b> : Male	<b>Received</b> : 09-Mar-2024 14:02
<b>Age</b> : 39 Years	<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA	<b>Report</b> : 09-Mar-2024 15:39
<b>Referral Dr</b> : □	<b>Status</b> : Final	<b>Dispatch</b> : 09-Mar-2024 16:00
		<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID FUNCTION TEST</b>			
T3 (triiodothyronine), Total <small>CMIA</small>	0.97	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	5.94	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	3.776	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.Vidhi Patel**

M.D BIOCHEMISTRY  
Reg. No.:-G-34739