

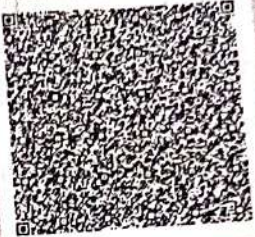
(19)

**आयकर विभाग**  
**INCOME TAX DEPARTMENT**

**भारत सरकार**  
**GOVT. OF INDIA**

**स्थायी लेखा संख्या कार्ड**  
**Permanent Account Number Card**

**BQEPK4311F**



01052023

नाम / Name  
**BRAJ BHUSHAN KUMAR**

पिता का नाम / Father's Name  
**BASUKI NATH YADAV**

जन्म की तारीख /  
Date of Birth  
**23/04/1985**

*Braj Bhushan Kumar*

PAN Application Digitally Signed, Card Not  
Valid unless Physically Signed



26-10-2024 11:07:55 AM

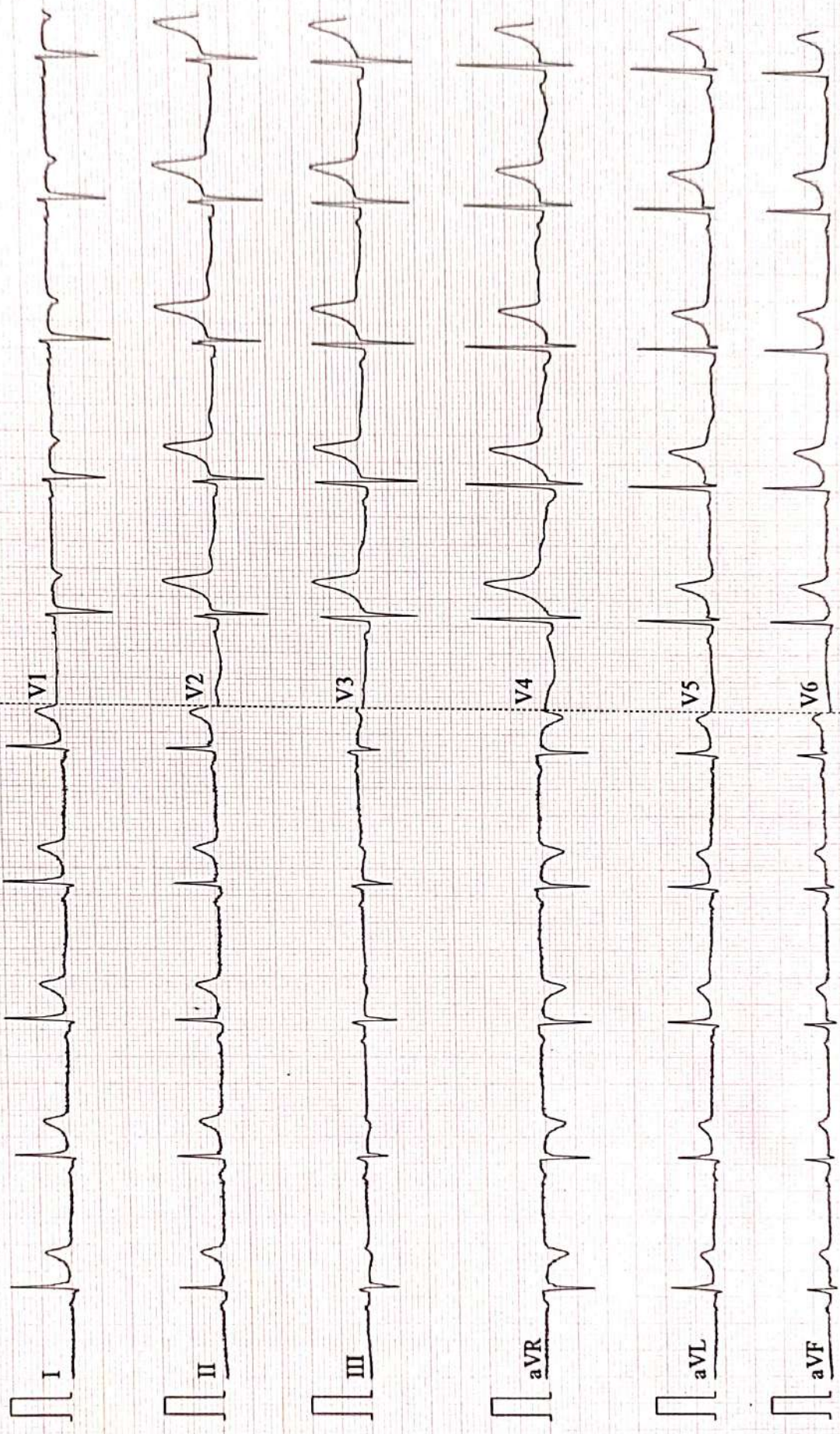
Diagnosis Information:

ID: 22  
BRAJ BHUSHAN KUMAR  
Male 39Years

HR : 60 bpm  
P : 93 ms  
PR : 142 ms  
QRS : 79 ms  
QT/QTc : 379/381 ms  
P/QRS/T : 59/11/22 °  
RV5/SV1 : 1.269/0.954 mV

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

**DR. RAMAN**  
Ref-Physi-ID  
Report Confirmed by:



Patient Name	BRAJ BHUSHAN KUMAR	Date	26-10-2024
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*



**AAROGYAM DIAGNOSTICS.**

**Report**



(GEM212170906)(R)Kardic by Allengers

3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg Date: 26-Oct-2024 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	60	33 %	120/80	072	00	
Standing	00:08	0:01	00.0	00.0	01.0	62	34 %	120/80	074	00	
HV	00:13	0:01	00.0	00.0	01.0	062	34 %	120/80	074	00	
Warm Up	00:19	0:01	01.0	00.0	01.0	067	37 %	120/80	080	00	
ExStart	00:55	0:06	01.7	10.0	01.1	095	52 %	120/80	114	00	
BRUCE/ Stage 1	03:55	3:00	01.7	10.0	04.7	117	65 %	125/85	146	00	
BRUCE/ Stage 2	06:55	3:00	02.5	12.0	07.1	136	75 %	130/90	176	00	
BRUCE/ Stage 3	09:55	3:00	03.4	14.0	10.2	169	93 %	135/95	228	01	
PeakEx	09:55	3:00	03.4	14.0	10.2	169	93 %	135/95	228	00	
Recovery	10:54	1:00	01.1	00.0	04.3	147	81 %	135/95	198	00	
Recovery	11:54	2:00	01.1	00.0	01.0	137	76 %	130/90	178	00	
Recovery	13:10	3:15	01.1	00.0	01.0	119	66 %	125/85	148	00	

**Findings :**

Exercise Time : 09:01  
 Max HR Attained : 169 bpm 93% of Target 181  
 Max BP Attained : (Sys) 135/95  
 Max WorkLoad Attained : 10.2 Good response to induced stress  
 Max ST Dep Lead & Value : avF & -5.1 mm in Stage 2 mm  
 Test End Reasons : Test Complete

**Report :**

**AAROGYAM DIAGNOSTICS.**

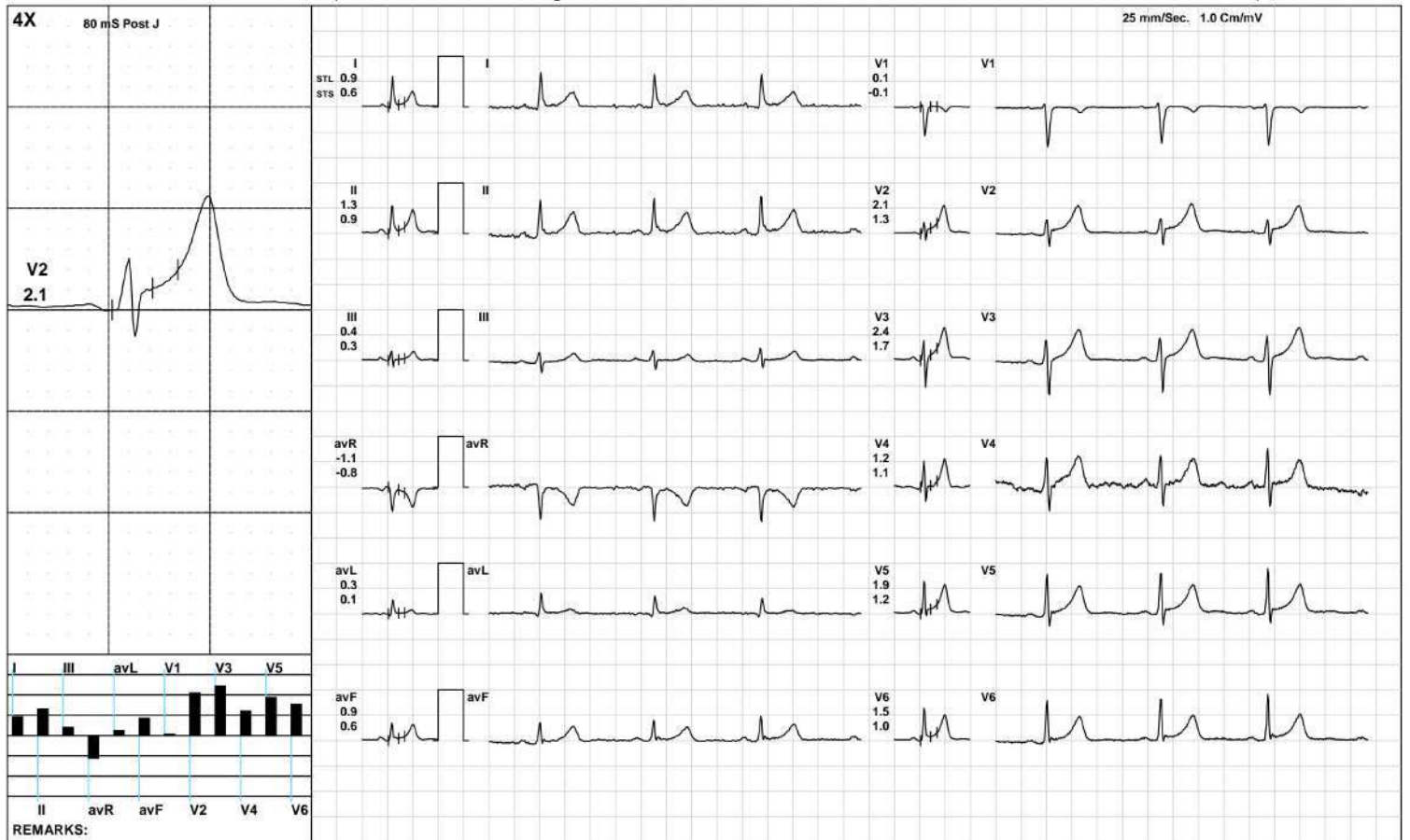
Supine



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 60

Date: 26-Oct-2024 12:15:37 PM METS: 1.0/ 60 bpm 33% 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%



**AAROGYAM DIAGNOSTICS.**

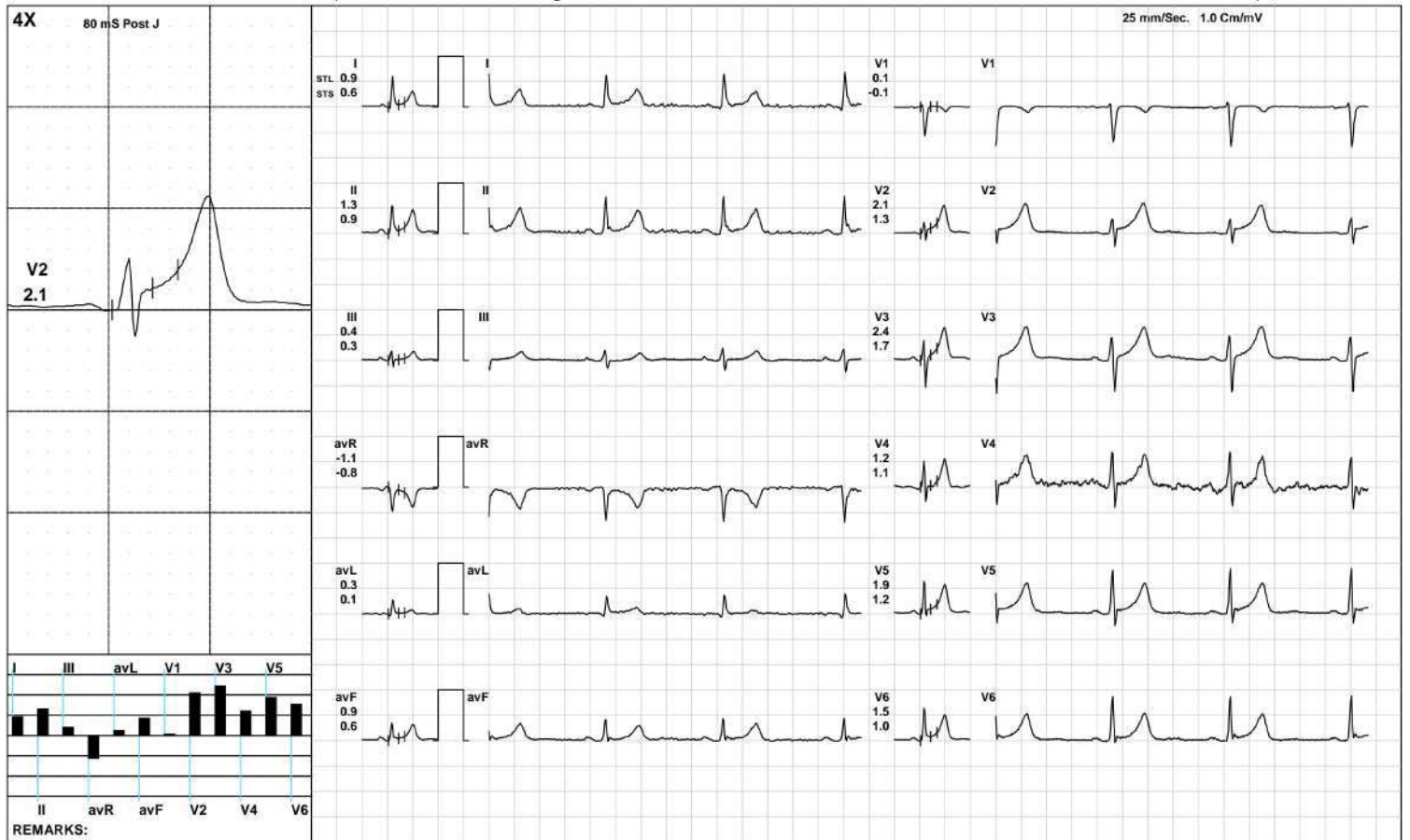
Standing



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 62

Date: 26-Oct-2024 12:15:37 PM METS: 1.0/ 62 bpm 34% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:08 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

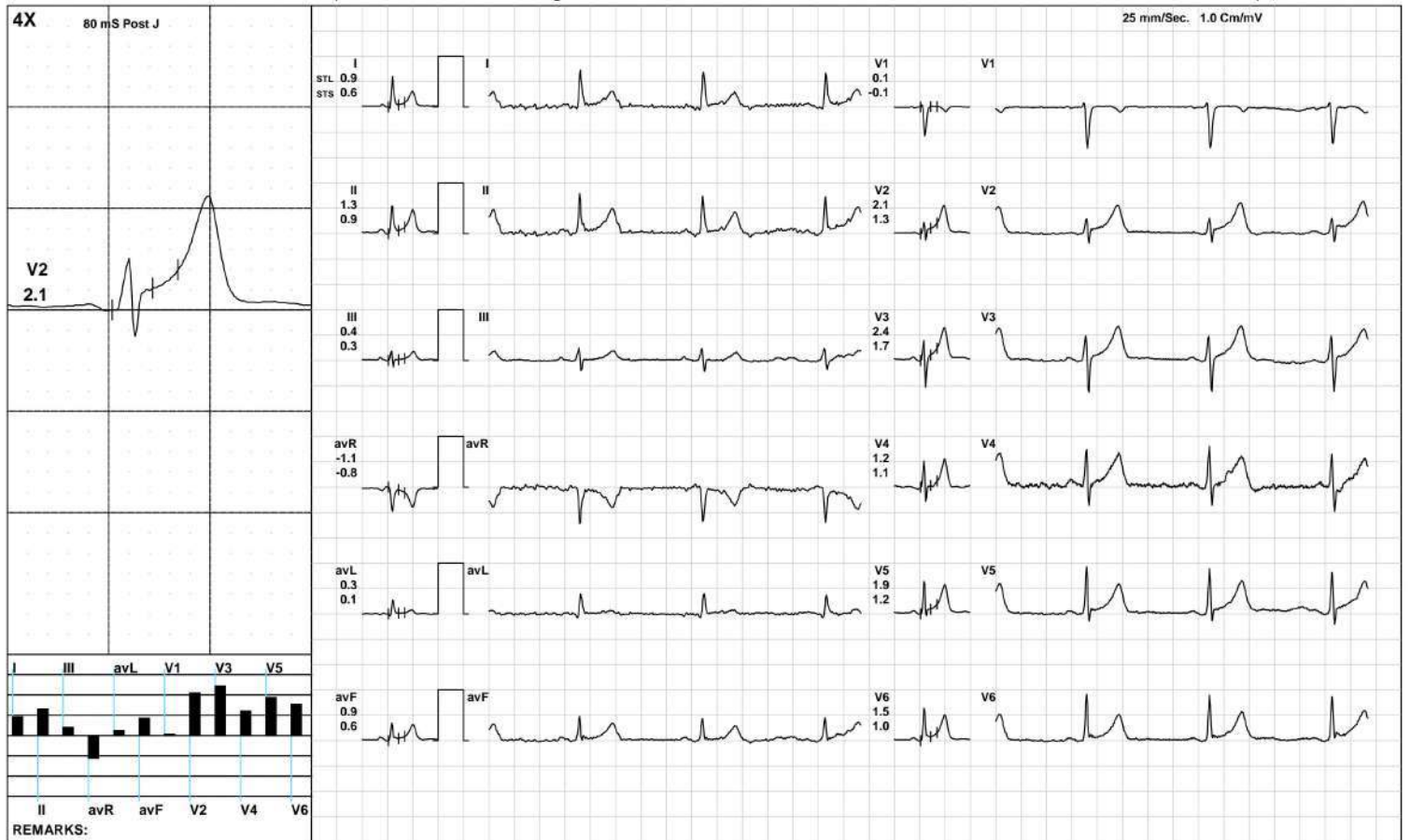
HV



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 62

Date: 26-Oct-2024 12:15:37 PM METS: 1.0/ 62 bpm 34% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:13 0.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS.**

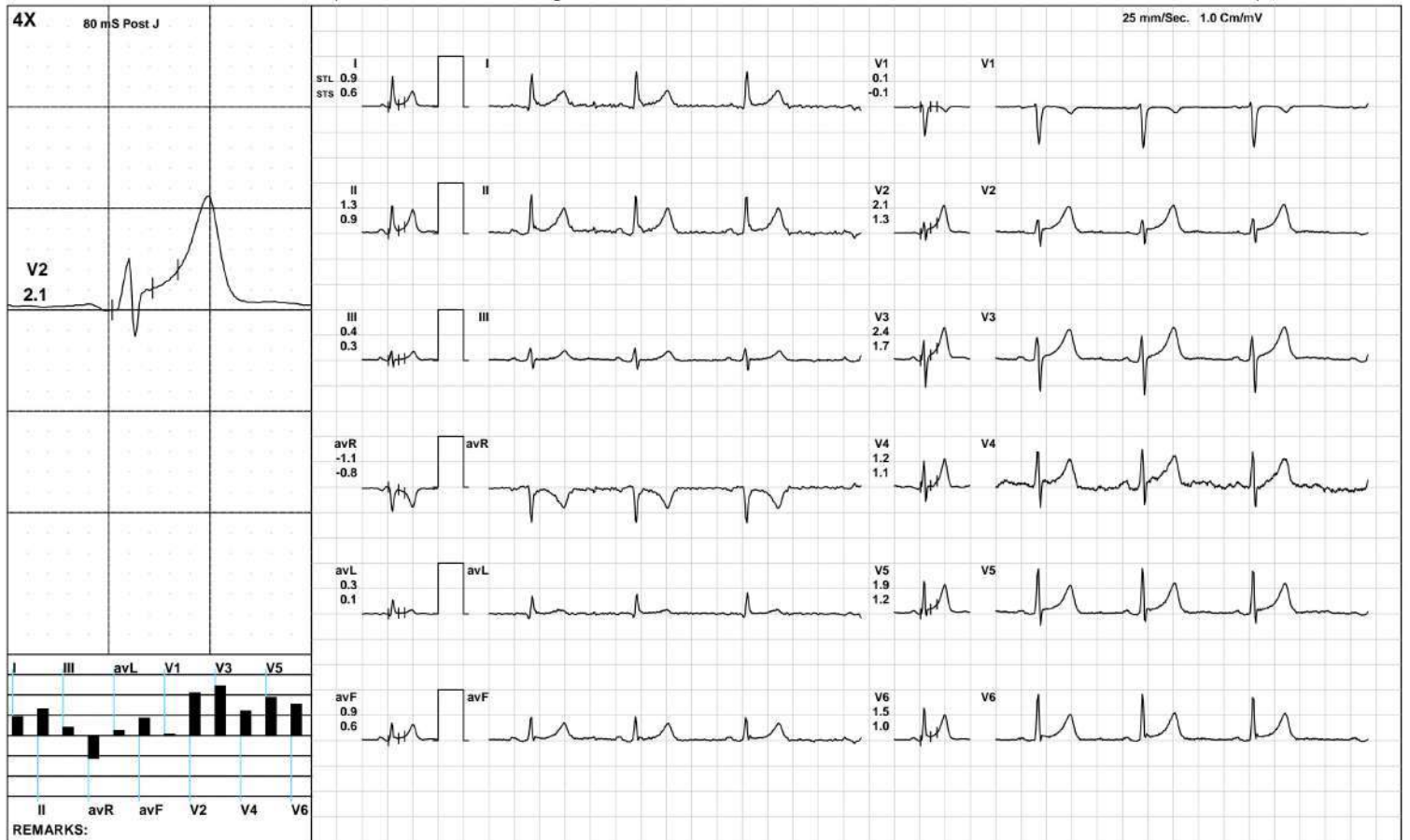
Warm Up



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 67

Date: 26-Oct-2024 12:15:37 PM METS: 1.0/ 67 bpm 37% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:19 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS.**

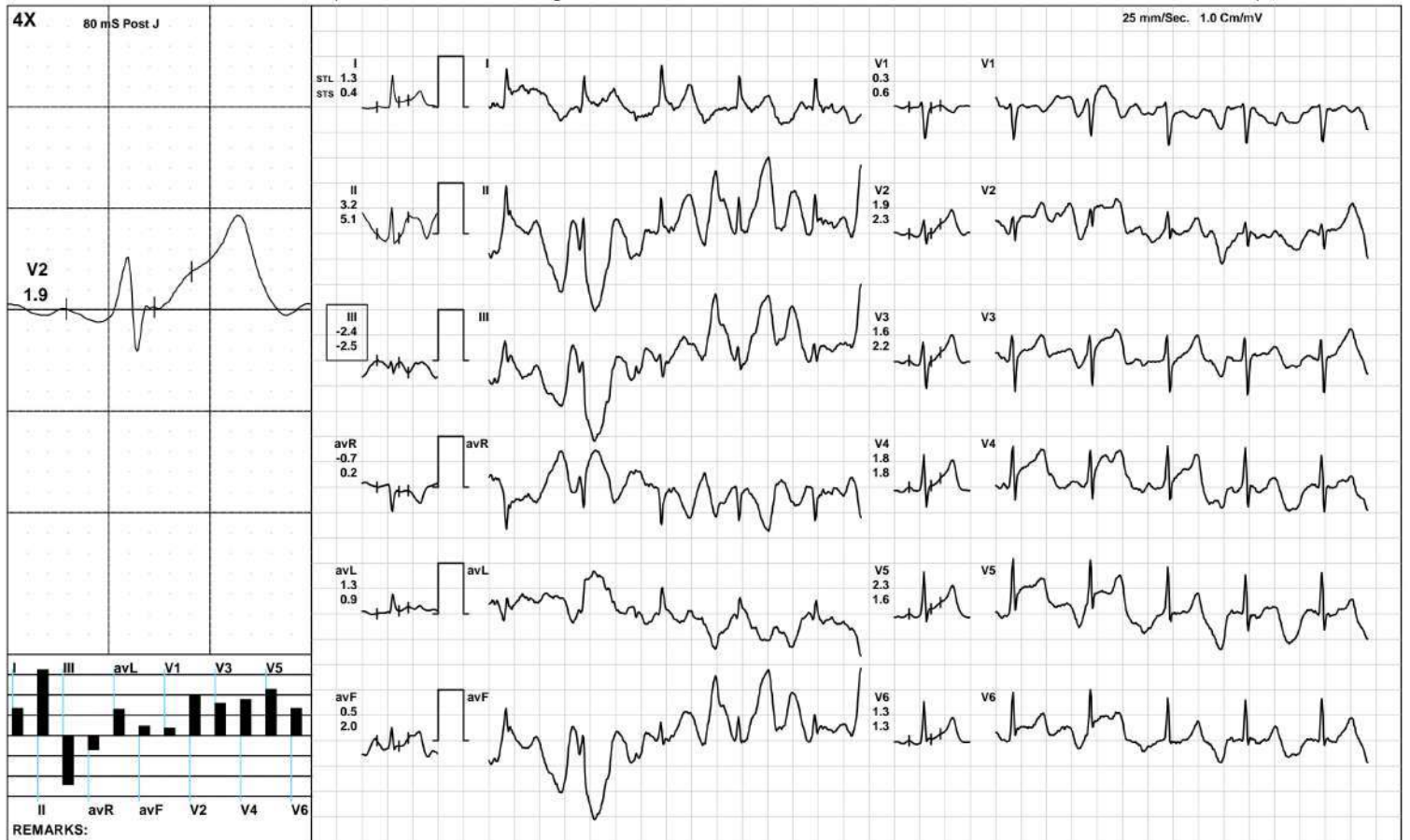
ExStart



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 95

Date: 26-Oct-2024 12:15:37 PM METS: 1.1/ 95 bpm 52% 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.**

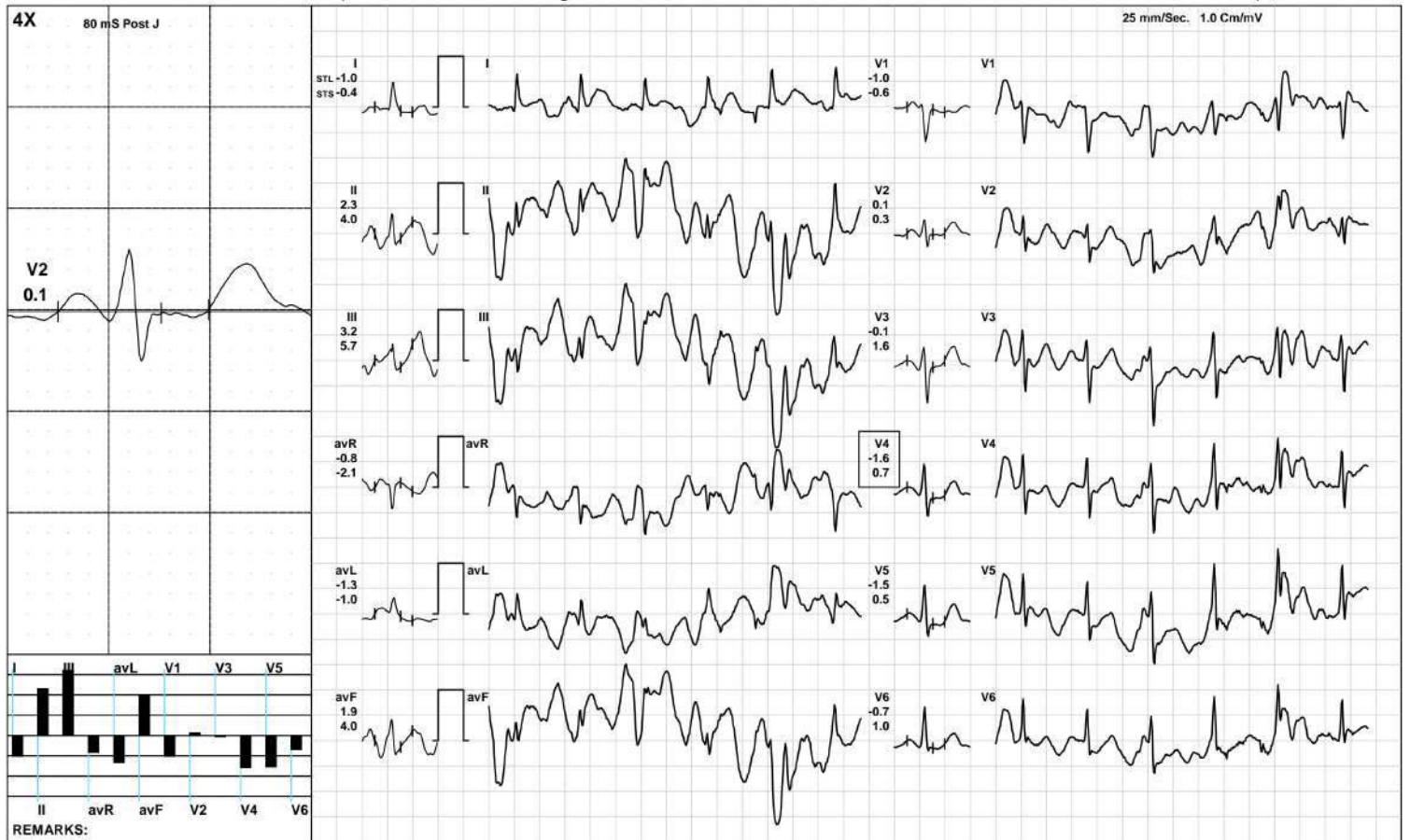
**BRUCE/Stage 1(3:00)**



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 117

Date: 26-Oct-2024 12:15:37 PM METS: 4.7/ 117 bpm 64% 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.**

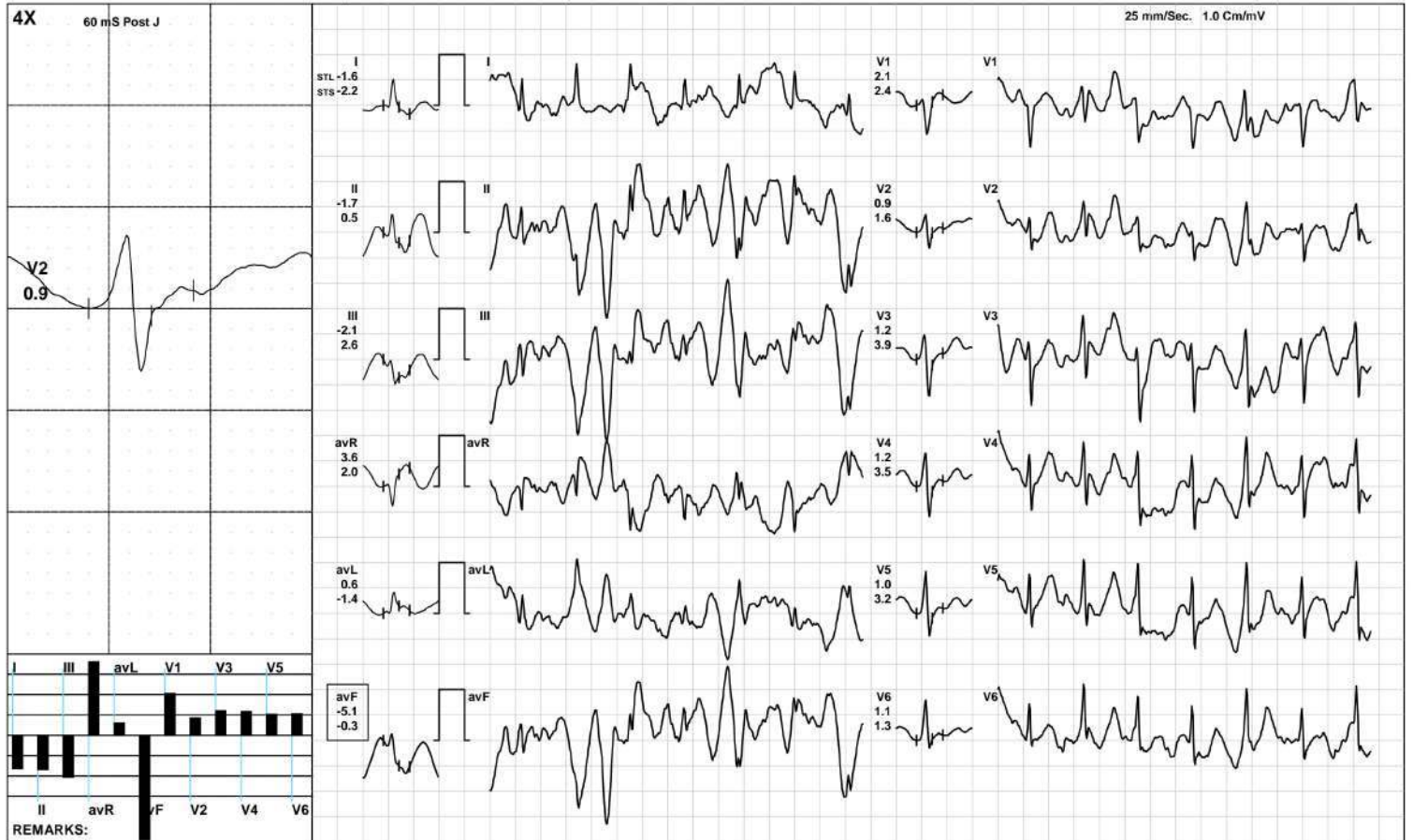
**BRUCE/Stage 2(3:00)**



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 136

Date: 26-Oct-2024 12:15:37 PM METS: 7.1/ 136 bpm 75% 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.**

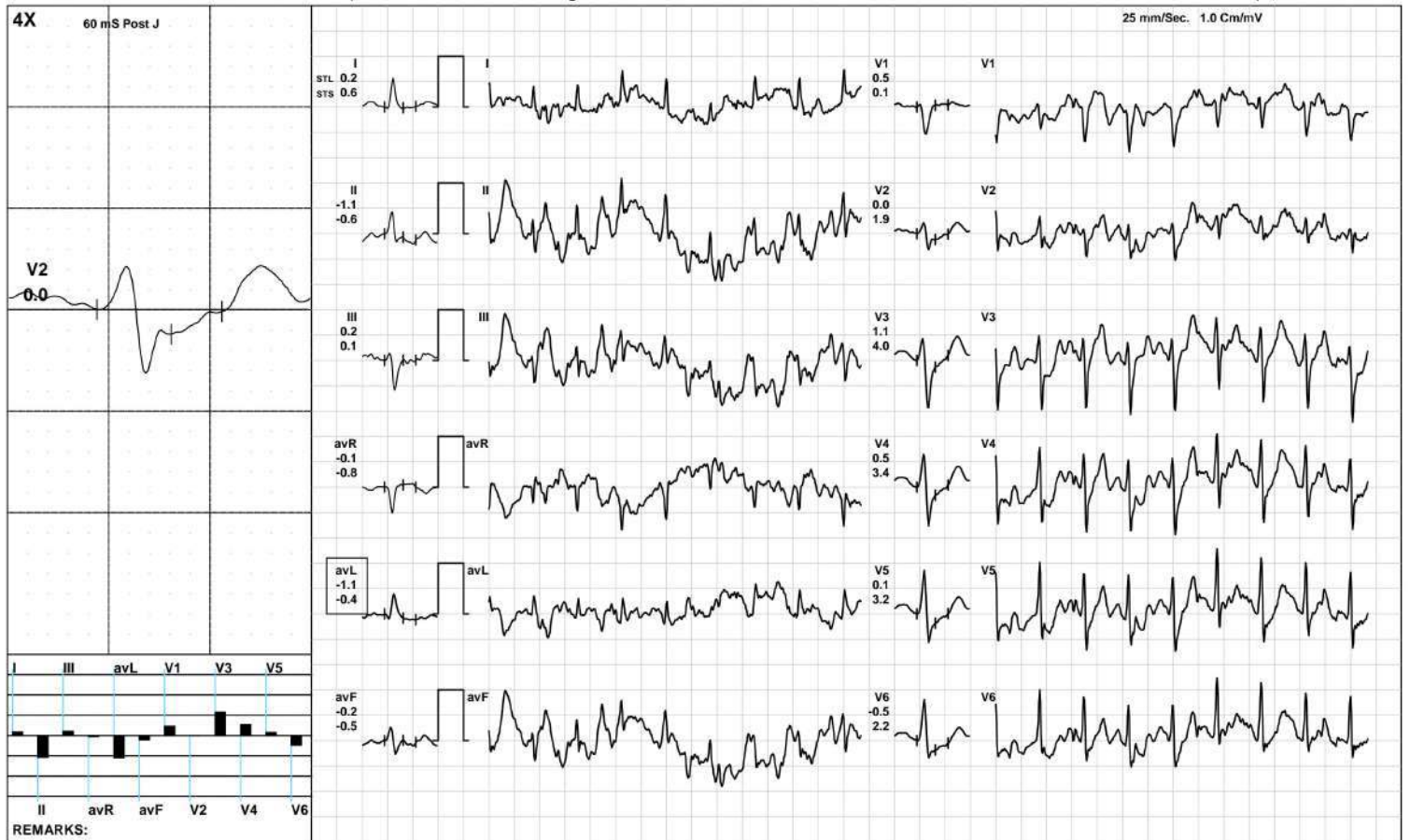
**BRUCE/Stage 3(3:00)**



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 169

Date: 26-Oct-2024 12:15:37 PM METS: 10.2/ 169 bpm 93% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%



**AAROGYAM DIAGNOSTICS.**

**PeakEx**



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 169

Date: 26-Oct-2024 12:15:37 PM METS: 10.2/ 169 bpm 93% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%



**AAROGYAM DIAGNOSTICS.**

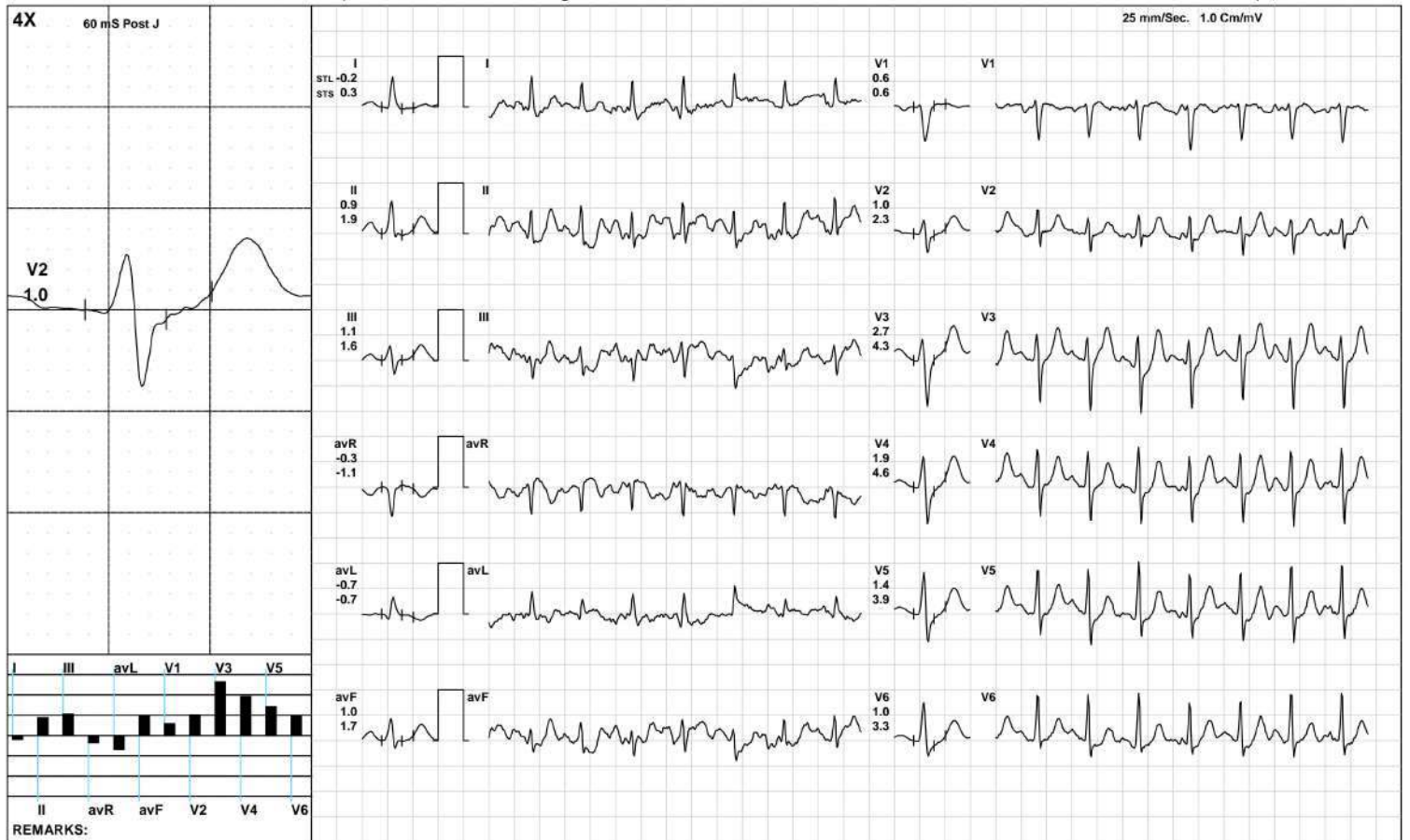
Recovery(1:00)



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 147

Date: 26-Oct-2024 12:15:37 PM METS: 4.3/ 147 bpm 81% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

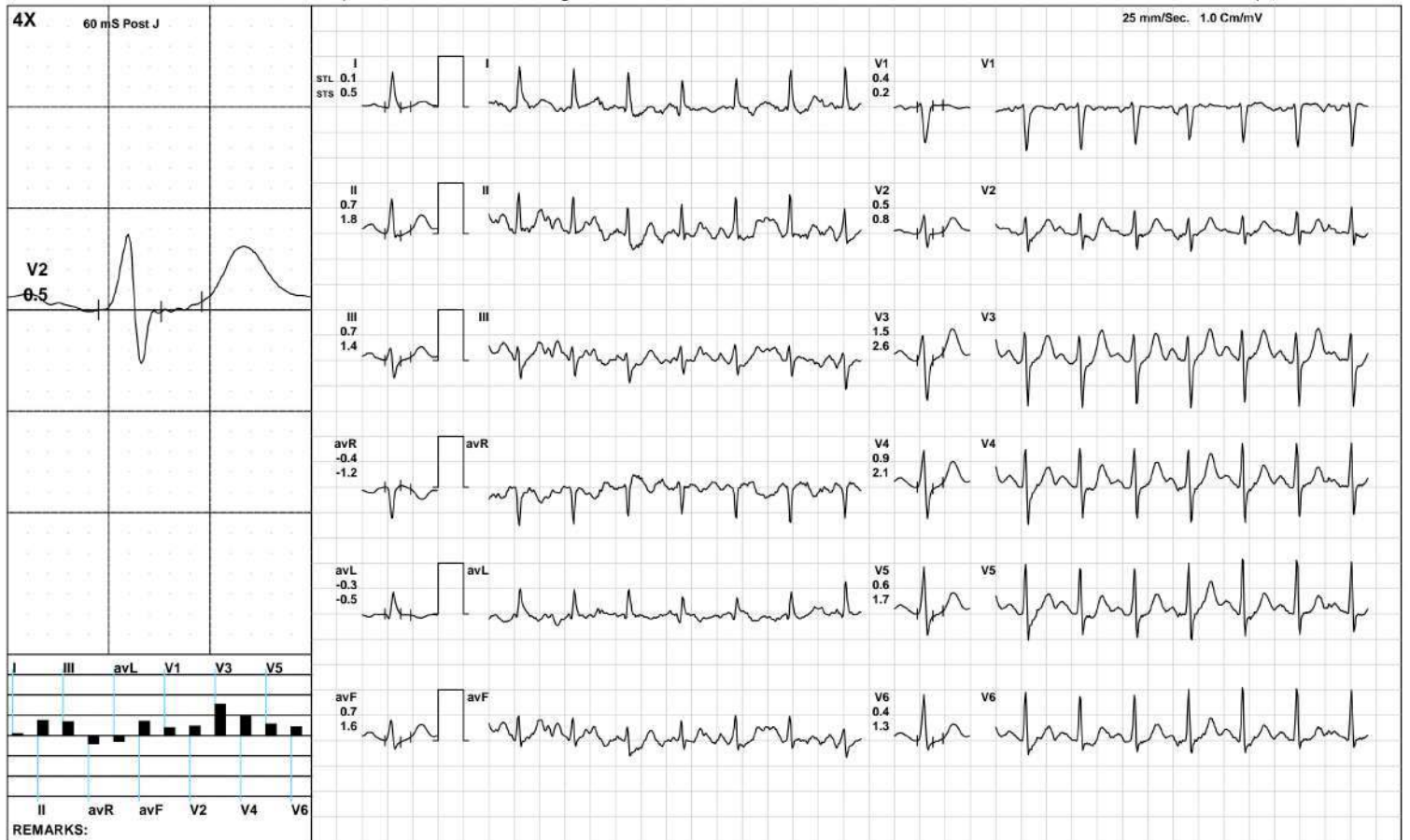
Recovery(2:00)



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 137

Date: 26-Oct-2024 12:15:37 PM METS: 1.0/ 137 bpm 75% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

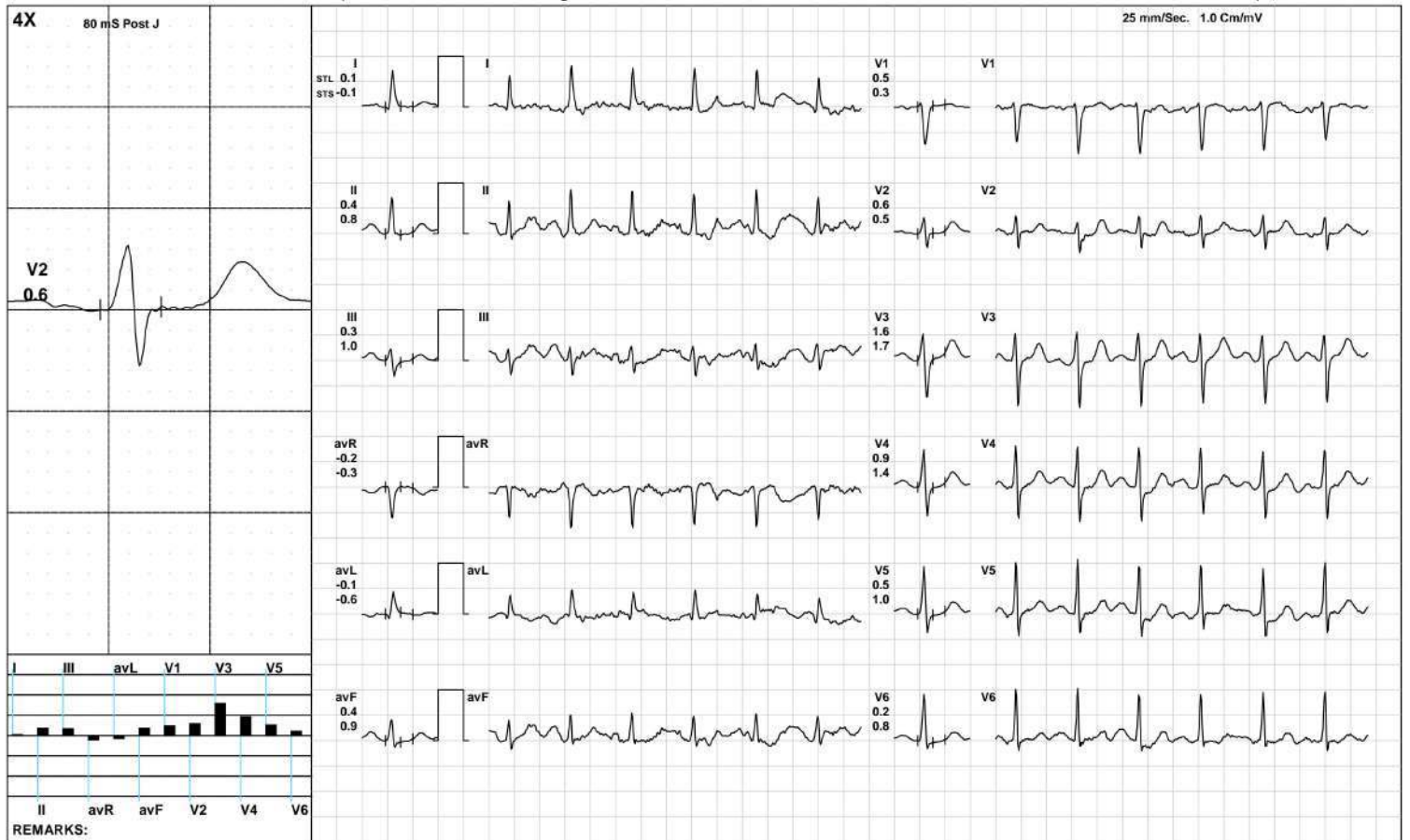
Recovery(3:15)



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 119

Date: 26-Oct-2024 12:15:37 PM METS: 1.0/ 119 bpm 65% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS.**

**ST Measurements**



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / M / 170 Cms / 81 Kg / HR : 64

Date: 26-Oct-2024 12:15:37 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	0.9	1.3	0.4	-1.1	0.3	0.9	0.1	2.1	2.4	1.2	1.9	1.5	0.6	0.9	0.3	-0.8	0.1	0.6	-0.1	1.3	1.7	1.1	1.2	1.0	
80 @mS Standing	0.9	1.3	0.4	-1.1	0.3	0.9	0.1	2.1	2.4	1.2	1.9	1.5	0.6	0.9	0.3	-0.8	0.1	0.6	-0.1	1.3	1.7	1.1	1.2	1.0	
HV	0.9	1.3	0.4	-1.1	0.3	0.9	0.1	2.1	2.4	1.2	1.9	1.5	0.6	0.9	0.3	-0.8	0.1	0.6	-0.1	1.3	1.7	1.1	1.2	1.0	
Warm Up	0.9	1.3	0.4	-1.1	0.3	0.9	0.1	2.1	2.4	1.2	1.9	1.5	0.6	0.9	0.3	-0.8	0.1	0.6	-0.1	1.3	1.7	1.1	1.2	1.0	
ExStart	1.3	3.2	-2.4	-0.7	1.3	0.5	0.3	1.9	1.6	1.8	2.3	1.3	0.4	5.1	-2.5	0.2	0.9	2.0	0.6	2.3	2.2	1.8	1.6	1.3	
Stage 1	-1.0	2.3	3.2	-0.8	-1.3	1.9	-1.0	0.1	-0.1	-1.6	-1.5	-0.7	-0.4	4.0	5.7	-2.1	-1.0	4.0	-0.6	0.3	1.6	0.7	0.5	1.0	
Stage 2	-1.6	-1.7	-2.1	3.6	0.6	-5.1	2.1	0.9	1.2	1.2	1.0	1.1	-2.2	0.5	2.6	2.0	-1.4	-0.3	2.4	1.6	3.9	3.5	3.2	1.3	
Stage 3	0.2	-1.1	0.2	-0.1	-1.1	-0.2	0.5	0.0	1.1	0.5	0.1	-0.5	0.6	-0.6	0.1	-0.8	-0.4	-0.5	0.1	1.9	4.0	3.4	3.2	2.2	
PeakEx	0.2	-1.1	0.2	-0.1	-1.1	-0.2	0.5	0.0	1.1	0.5	0.1	-0.5	0.6	-0.6	0.1	-0.8	-0.4	-0.5	0.1	1.9	4.0	3.4	3.2	2.2	
Recovery	-0.2	0.9	1.1	-0.3	-0.7	1.0	0.6	1.0	2.7	1.9	1.4	1.0	0.3	1.9	1.6	-1.1	-0.7	1.7	0.6	2.3	4.3	4.6	3.9	3.3	
Recovery	0.1	0.7	0.7	-0.4	-0.3	0.7	0.4	0.5	1.5	0.9	0.6	0.4	0.5	1.8	1.4	-1.2	-0.5	1.6	0.2	0.8	2.6	2.1	1.7	1.3	
Recovery	-0.1	0.9	1.0	-0.4	-0.5	1.0	0.6	1.3	2.7	1.9	1.4	0.8	-0.2	1.4	1.5	-0.6	-0.8	1.5	0.4	1.6	3.1	2.4	1.8	1.4	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI( $\mu$ Vs)	Supine	12.1	18.2	6.1	-15.1	3.0	12.2	-1.4	24.3	28.2	18.6	23.8	20.4
	Standing	12.1	18.2	6.1	-15.1	3.0	12.2	-1.4	24.3	28.2	18.6	23.8	20.4
	HV	12.1	18.2	6.1	-15.1	3.0	12.2	-1.4	24.3	28.2	18.6	23.8	20.4
	Warm Up	12.1	18.2	6.1	-15.1	3.0	12.2	-1.4	24.3	28.2	18.6	23.8	20.4
	ExStart	10.8	15.9	-11.1	-8.2	8.0	0.2	0.1	12.7	10.4	12.4	16.4	9.3
	Stage 1	-7.3	9.6	11.9	-1.9	-9.2	5.9	-6.7	0.8	-3.5	-13.4	-12.8	-8.1
	Stage 2	-7.7	-15.8	-17.9	21.7	6.4	-33.8	12.1	3.9	3.8	4.4	3.9	5.9
	Stage 3	-0.5	-9.3	-0.7	3.2	-6.5	-3.8	2.9	-3.2	-1.5	-3.7	-5.1	-7.0
	PeakEx	-0.5	-9.3	-0.7	3.2	-6.5	-3.8	2.9	-3.2	-1.5	-3.7	-5.1	-7.0
	Recovery	-1.7	0.8	2.6	0.5	-2.2	1.7	3.2	1.6	8.1	2.8	0.8	-0.5
	Recovery	-0.5	1.4	2.0	-0.4	-1.2	1.7	2.2	1.2	5.1	2.1	0.6	0.4
	Recovery	0.0	4.2	4.2	-2.1	-2.1	4.2	3.6	6.5	12.7	9.2	6.6	3.6



3266 / MR. BRAJ BHUSHAN KUMAR / 39 Yrs / Male / 170 Cm / 81 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	96	212	72	22	472	565	898	-747	616	15	III	-66	0.00	0	0
01:00	103	70	86	45	468	6597	7015	-6346	5049	2	avL	-3	0.00	0	0
01:30	115	212	22	83	471	6597	6701	-5775	5049	89	II	-469	0.00	0	0
02:00	108	164	56	7	159	-500	974	-680	-1142	-514	III	-317	0.00	0	0
02:30	110	162	70	29	366	-500	858	-752	551	50	III	-308	0.00	0	0
03:00	117	166	68	30	483	566	820	-745	650	22	II	-201	0.00	0	0
03:30	119	170	64	51	391	388	785	-764	598	4	avL	-177	0.00	0	0
04:00	127	150	88	28	452	-870	823	-668	-727	-244	V5	-446	0.00	0	0
04:30	134	94	78	-3	337	226	827	-693	-440	-244	V5	-446	0.00	0	0
05:00	129	140	76	-24	429	-604	804	-833	-1061	-802	avF	-1064	0.00	0	0
05:30	134	136	62	43	461	-611	750	-962	-966	-69	avL	-344	0.00	0	0
06:00	138	128	84	-17	237	-713	826	-928	-792	-835	III	-648	0.00	0	0
06:30	135	130	64	14	456	-660	860	-896	-650	-392	avF	-475	0.00	0	0
07:00	152	130	64	-51	456	860	1073	-1219	1330	-393	avL	-594	0.00	1	0
07:30	162	96	58	72	177	846	1081	-1179	-912	-378	avF	-356	0.00	0	0
08:00	163	96	58	72	177	846	1081	-1179	-912	-378	V6	-356	0.00	0	0
08:30	165	108	66	-42	170	397	736	-1164	538	-377	V6	-317	0.00	0	0
09:00	169	100	62	10	178	368	848	-1036	-908	-277	V5	-112	0.00	0	0
09:30	187	104	68	19	409	211	862	-1077	491	-140	II	-258	0.00	0	0
10:00	155	108	68	4	410	216	840	-945	574	-57	I	-139	0.00	0	0
10:30	146	120	64	9	410	232	856	-921	676	73	avL	-32	0.00	0	0
11:00	133	132	66	15	422	201	986	-933	705	23	I	-48	0.00	0	0
11:30	136	140	66	14	423	186	995	-901	684	73	avL	-26	0.00	0	0
12:00	124	144	68	17	425	206	996	-911	525	-61	II	-62	0.00	0	0
12:30	123	154	66	18	437	170	985	-865	494	5	II	-47	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>	<b>26/10/2024</b>	<b>Srl No.</b>	<b>5</b>	<b>Patient Id</b>	<b>2410260005</b>
<b>Name</b>	<b>Mr. BRAJ BHUSHAN KUMAR</b>	<b>Age</b>	<b>39 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</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**



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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www.aarogyamdiagnostics.com

<b>Date</b>	<b>26/10/2024</b>	<b>Srl No. 5</b>	<b>Patient Id 2410260005</b>
<b>Name</b>	<b>Mr. BRAJ BHUSHAN KUMAR</b>	<b>Age 39 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>12.3</b>	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,400	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	31	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	14	mm/1st hr.	0 - 15
R B C COUNT	<b>4.14</b>	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	<b>36.9</b>	%	40 - 54
M C V	89.13	fl.	80 - 100
M C H	29.71	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.36	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	81.2	mg/dl	70 - 110
SERUM CREATININE	0.97	mg%	0.7 - 1.4
BLOOD UREA	21.2	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.97	mg%	3.4 - 7.0

**LIVER FUNCTION TEST (LFT)**



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

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.63	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.22	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.41	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.51	gm/dl	6.6 - 8.3
ALBUMIN	4.62	gm/dl	3.4 - 5.2
GLOBULIN	2.89	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.599</b>		
SGOT	26.1	IU/L	5 - 40
SGPT	22.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	89.5	U/L	40.0 - 130.0
GAMMA GT	21.8	IU/L	8.0 - 71.0

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

TRIGLYCERIDES	63.8	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	122.3	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	38.2	mg/dL	35.1 - 88.0
V L D L	12.76	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	71.34	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.202		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.868		0.00 - 3.55
THYROID PROFILE QUANTITY	20	ml.	



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<b>Name</b>	<b>Mr. BRAJ BHUSHAN KUMAR</b>	<b>Age 39 Yrs.</b>	<b>Sex M</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</b>		

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.015		
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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<b>Date</b> 26/10/2024	<b>Srl No.</b> 5	<b>Patient Id</b> 2410260005
<b>Name</b> Mr. BRAJ BHUSHAN KUMAR	<b>Age</b> 39 Yrs.	<b>Sex</b> M
<b>Ref. By</b> Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
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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**





Name :- Braj Bhushan Kumar  
Refd by :- Corp

Age/Sex:-39Yrs/M  
Date :-26/10/24

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Mild enlarged in size (14.7cm) 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** :- Mild enlarged in size (12.9cm) 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 10.0cm and Left Kidney measures 9.6cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (19.6cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Mild Hepatosplenomegaly.  
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



41004100644

**TEST REPORT**

**Reg.No** : 41004100644 **Reg.Date** : 28-Oct-2024 12:56 **Collection** : 28-Oct-2024 12:56  
**Name** : BRAJ BHUSHAN KUMAR **Received** : 28-Oct-2024 12:56  
**Age** : 39 Years **Sex** : Male **Report** : 28-Oct-2024 14:03  
**Referred By** : AAROGYAM DIAGNOSTICS @ PATNA **Dispatch** : 28-Oct-2024 14:24  
**Referral Dr** :  **Status** : Final **Location** : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID FUNCTION TEST</b>			
T3 (triiodothyronine), Total <small>CMIA</small>	1.22	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	10.49	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	2.942	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. Razvin Somani**

M.D. Pathology  
 Page 1 of 1 Reg. No.:G-51211