



भारत सरकार  
Government of India



अर्जुन कुमार  
Arjun Kumar  
जन्म तिथि/DOB: 07/05/1990  
पुरुष/ MALE



5523 4691 3214

VID : 9191 1808 1268 8084

मेरा आधार, मेरी पहचान

ID: 24

26-10-2024 11:26:06 AM

ID: 23

ARJUN KUMAR  
Male 34Years

26-10-2024 11:18:18 AM

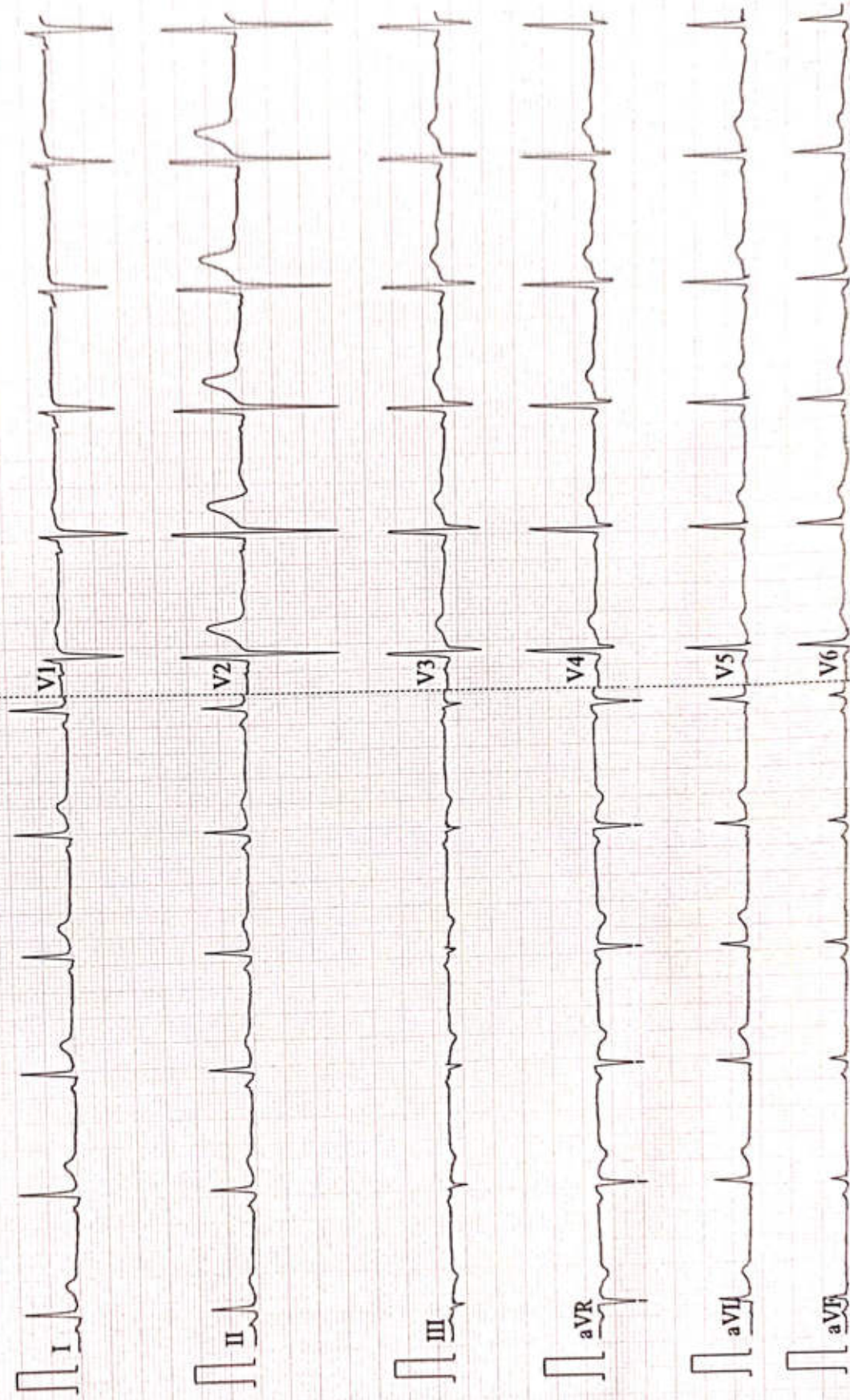
HR : 63 bpm  
 P : 97 ms  
 PR : 129 ms  
 QRS : 80 ms  
 QT/QTc : 358/369 ms  
 PQRST : 62/176 °  
 RV5/SV1 : 0.979/1.033 mV

**Diagnosis Information:**

Sinus Rhythm  
Abnormal Q Wave(III)

**DR. RAMAN**

Ref-Physic, MD  
Report No. 33940  
Report Confirmed by:



Patient Name	ARJUN KUMAR	Date	26-10-2024
Age/Sex	34/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**



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg Date: 26-Oct-2024 Technician : ARUN

(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	37 %	120/80	081	00	
Standing	00:09	0:01	00.0	00.0	01.0	68	37 %	120/80	081	00	
HV	00:13	0:01	00.0	00.0	01.0	067	36 %	120/80	080	00	
Warm Up	00:22	0:01	01.0	00.0	01.0	069	37 %	120/80	082	00	
ExStart	01:11	0:06	01.7	10.0	01.1	098	53 %	120/80	117	00	
BRUCE/ Stage 1	04:11	3:00	01.7	10.0	04.7	124	67 %	125/85	155	00	
BRUCE/ Stage 2	07:11	3:00	02.5	12.0	07.1	158	85 %	130/90	205	00	
BRUCE/ Stage 3	10:11	3:00	03.4	14.0	10.2	183	98 %	135/95	247	00	
PeakEx	10:18	0:07	04.2	16.0	10.3	184	99 %	135/95	248	00	
Recovery	11:17	1:00	01.1	00.0	04.3	167	90 %	135/95	225	00	
Recovery	12:17	2:00	01.1	00.0	01.0	147	79 %	130/90	191	00	
Recovery	13:39	3:21	01.1	00.0	01.0	132	71 %	125/85	165	00	

**Findings :**

- Exercise Time : 09:08
- Max HR Attained : 184 bpm 99% of Target 186
- Max BP Attained : (Sys) 135/95
- Max WorkLoad Attained : 10.3 Good response to induced stress
- Max ST Dep Lead & Value : V2 & -5.0 mm in ExStart mm
- Test End Reasons : Test Complete

**Report :**



**AAROGYAM DIAGNOSTICS.**

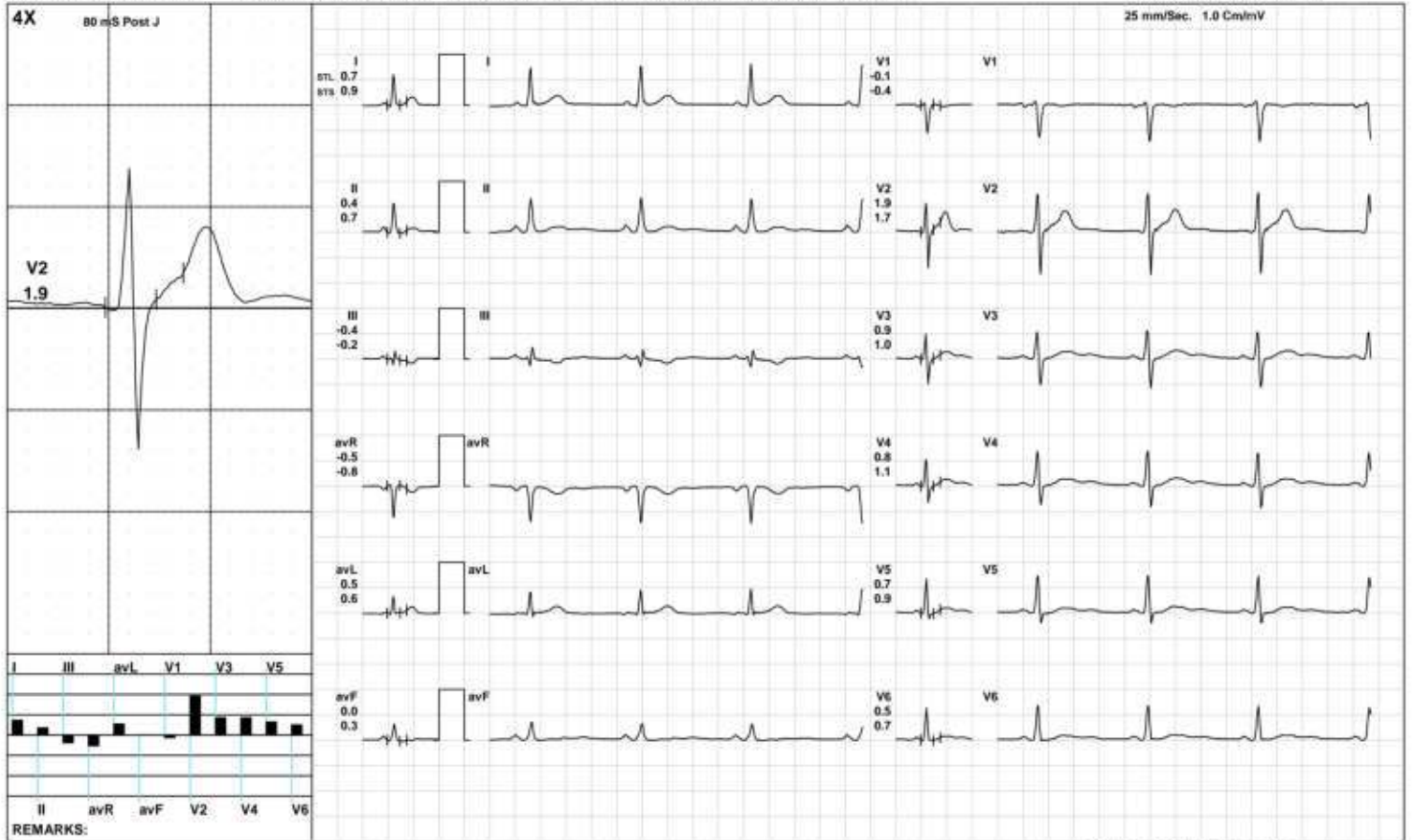
Supine



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 68

Date: 26-Oct-2024 12:38:21 PM METS: 1.0/ 68 bpm 36% 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.**

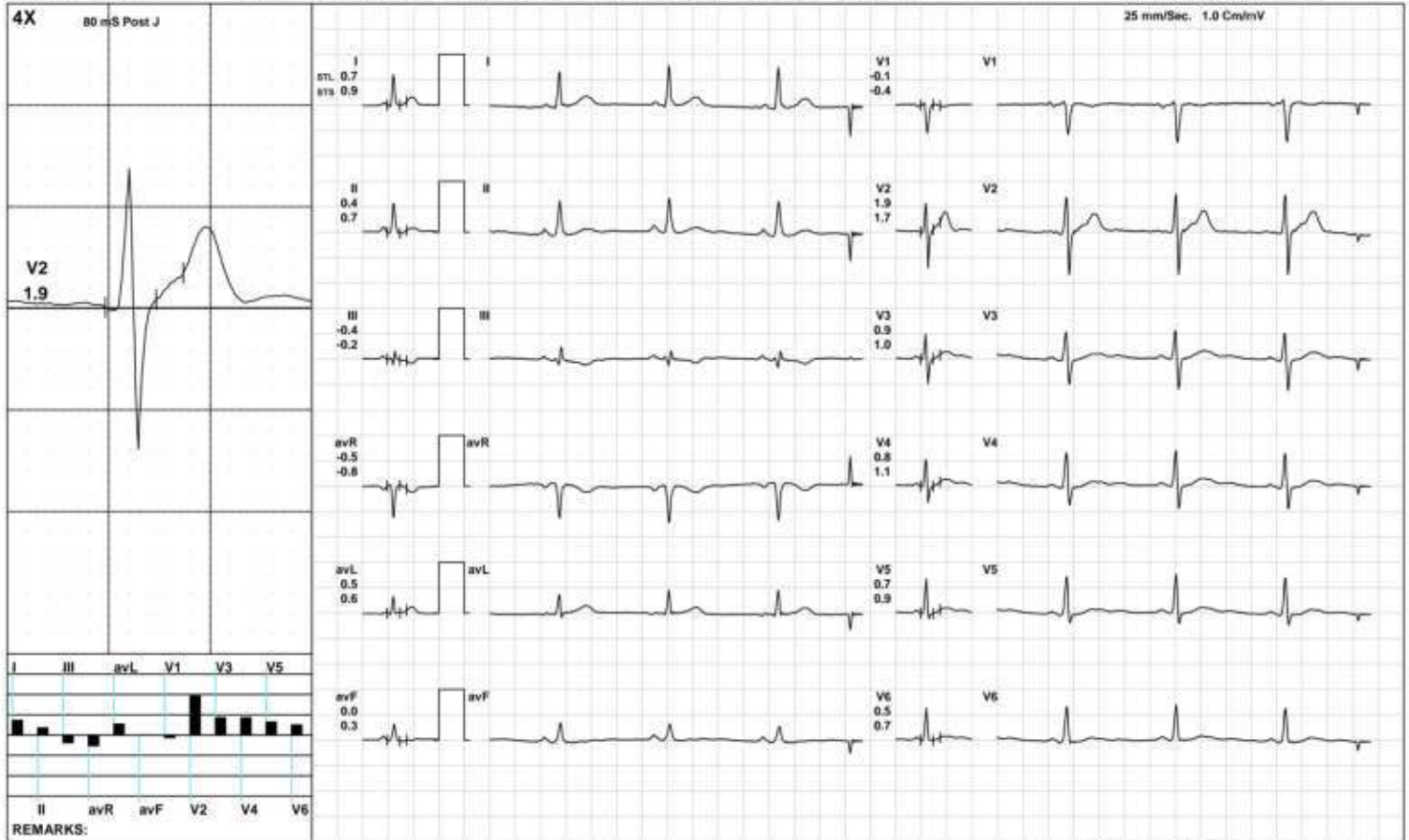
Standing



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 68

Date: 26-Oct-2024 12:38:21 PM METS: 1.0/ 68 bpm 36% of THR BP: 120/80 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 DIAGNOSTICS.**

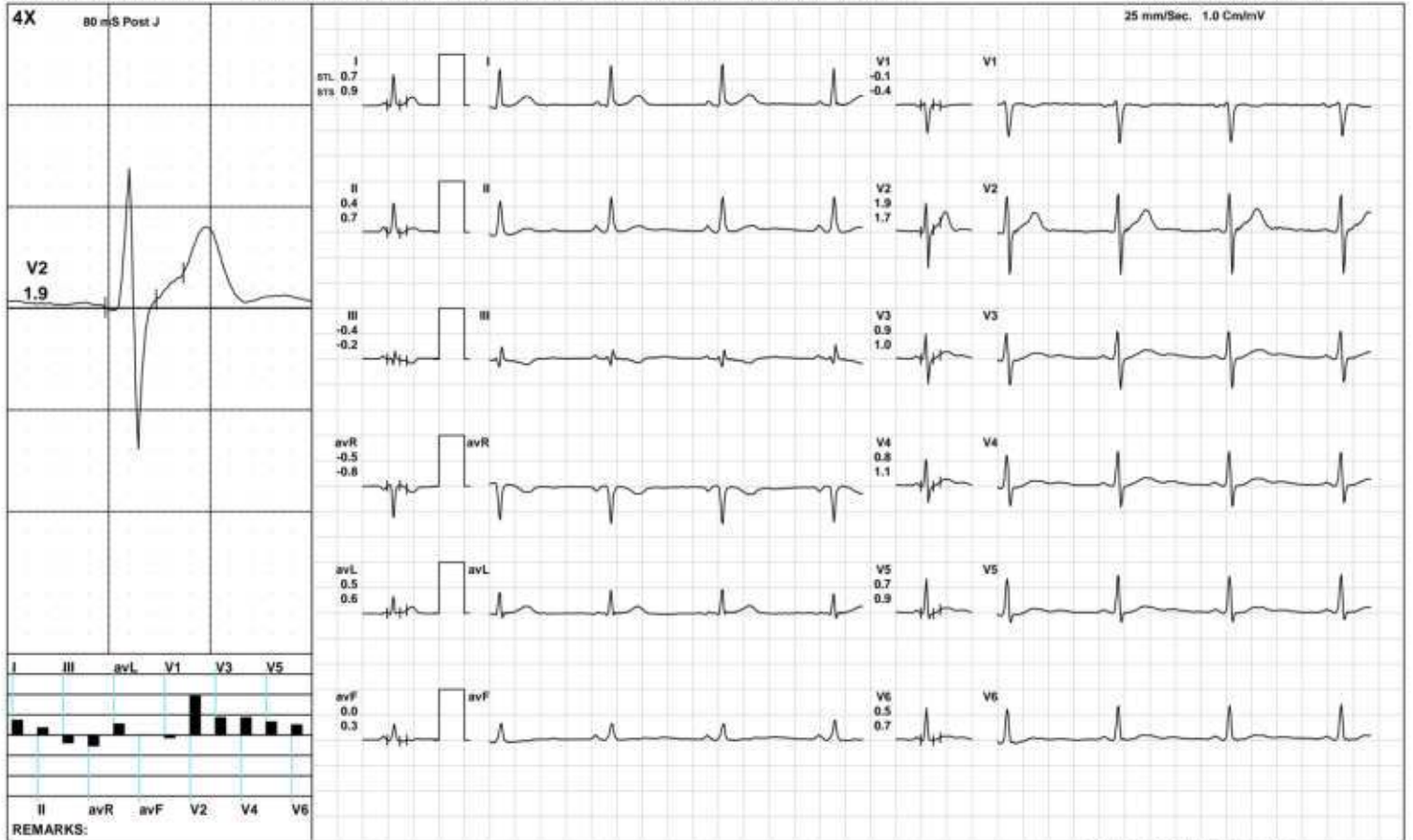
HV



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 67

Date: 26-Oct-2024 12:38:21 PM METS: 1.0/ 67 bpm 36% 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%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

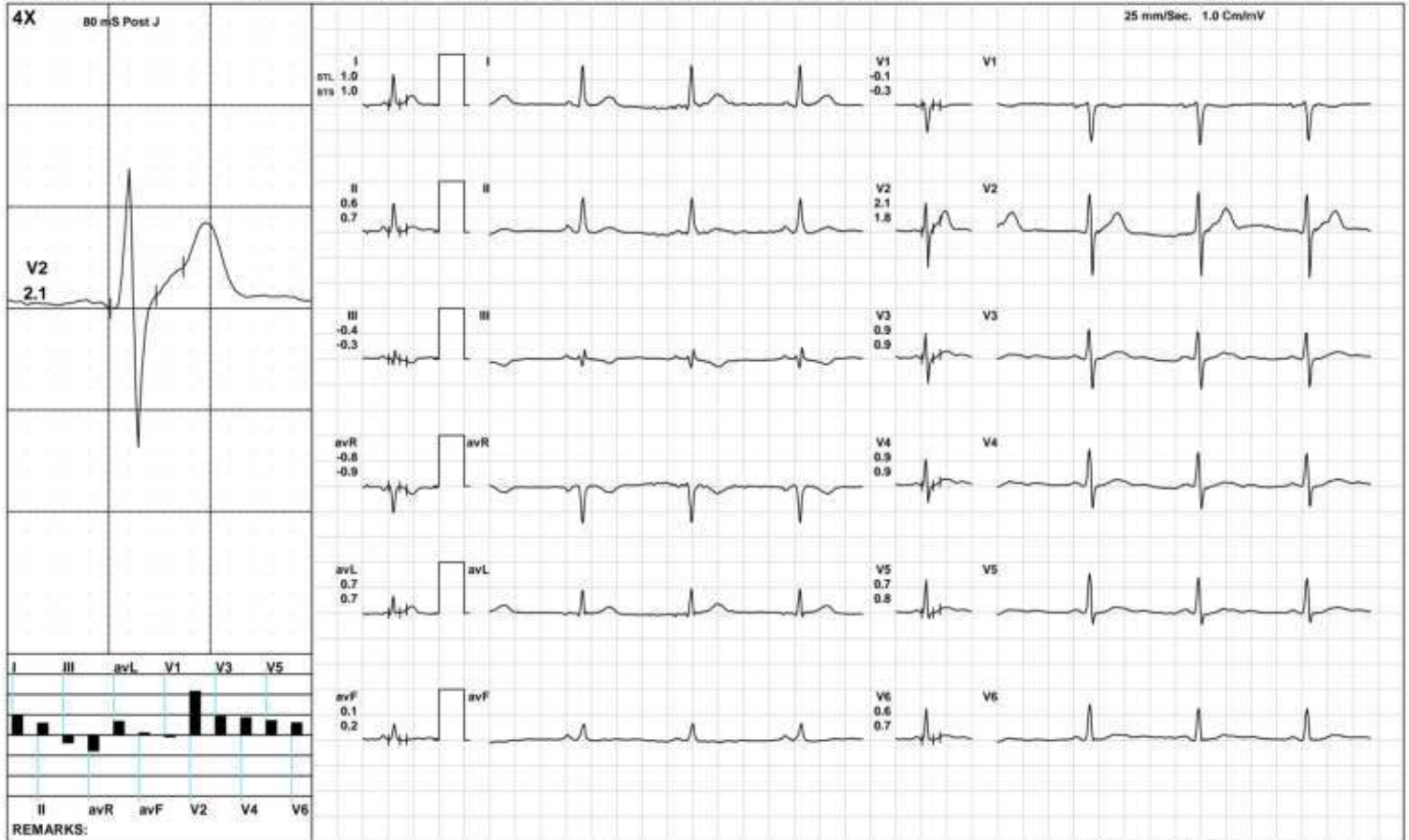
Warm Up



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 69

Date: 26-Oct-2024 12:38:21 PM METS: 1.0/ 69 bpm 37% of THR BP: 120/80 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





**AAROGYAM DIAGNOSTICS.**

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



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 124

Date: 26-Oct-2024 12:38:21 PM METS: 4.7/ 124 bpm 66% 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.**

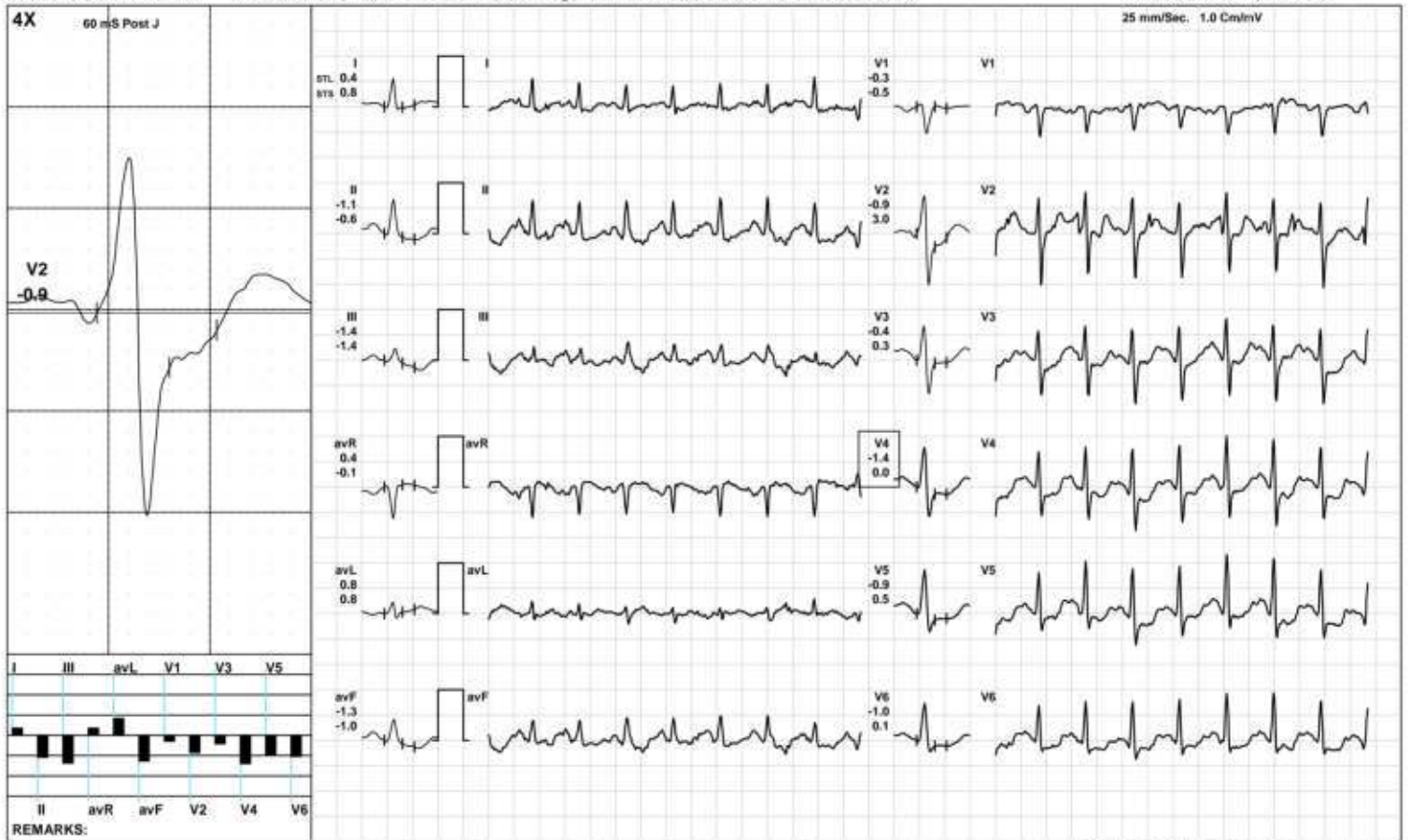
**BRUCE/Stage 2(3:00)**



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 158

Date: 26-Oct-2024 12:38:21 PM METS: 7.1/ 158 bpm 84% 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.**

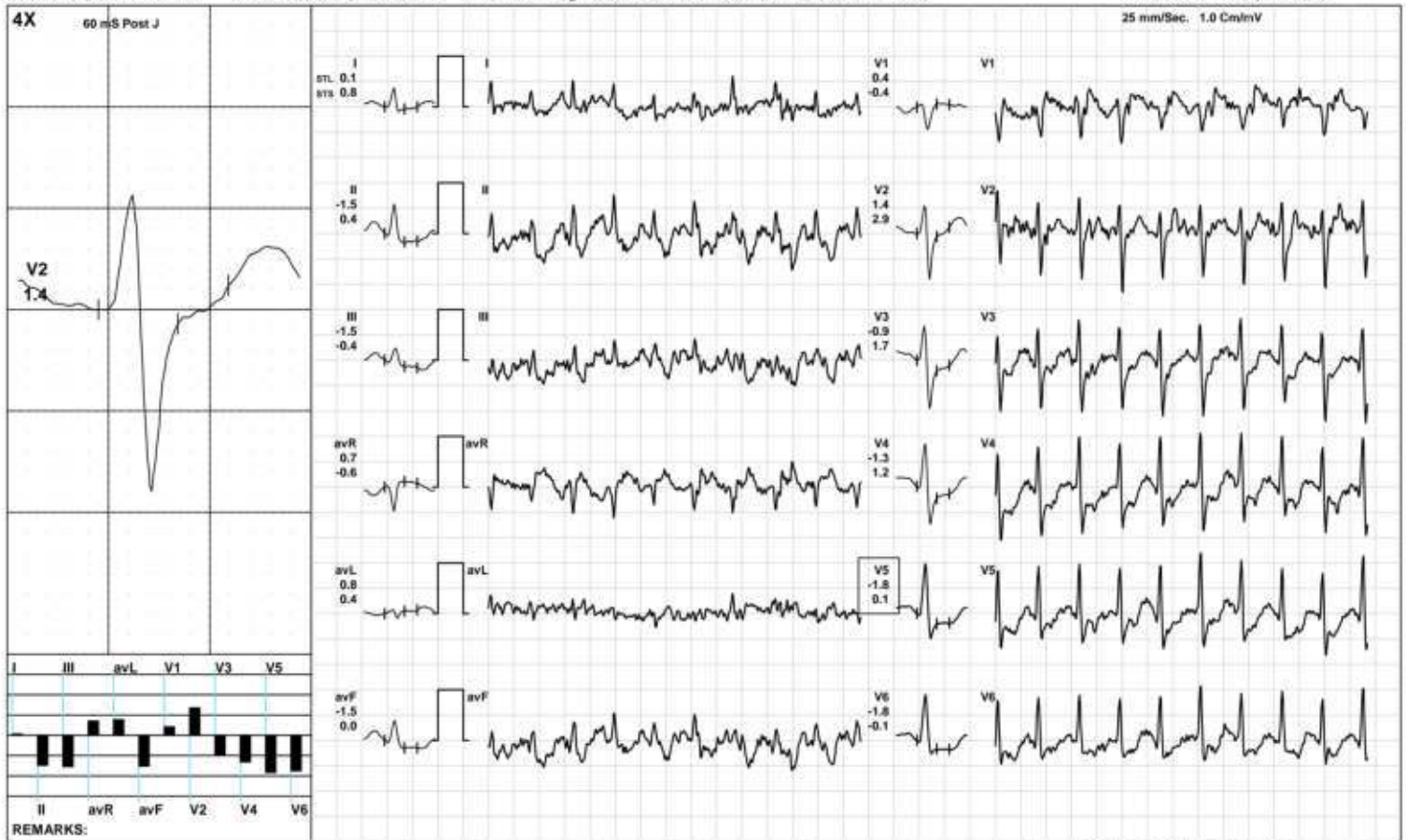
PeakEx



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 184

Date: 26-Oct-2024 12:38:21 PM METS: 10.3/ 184 bpm 98% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:07 4.2 mph, 16.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

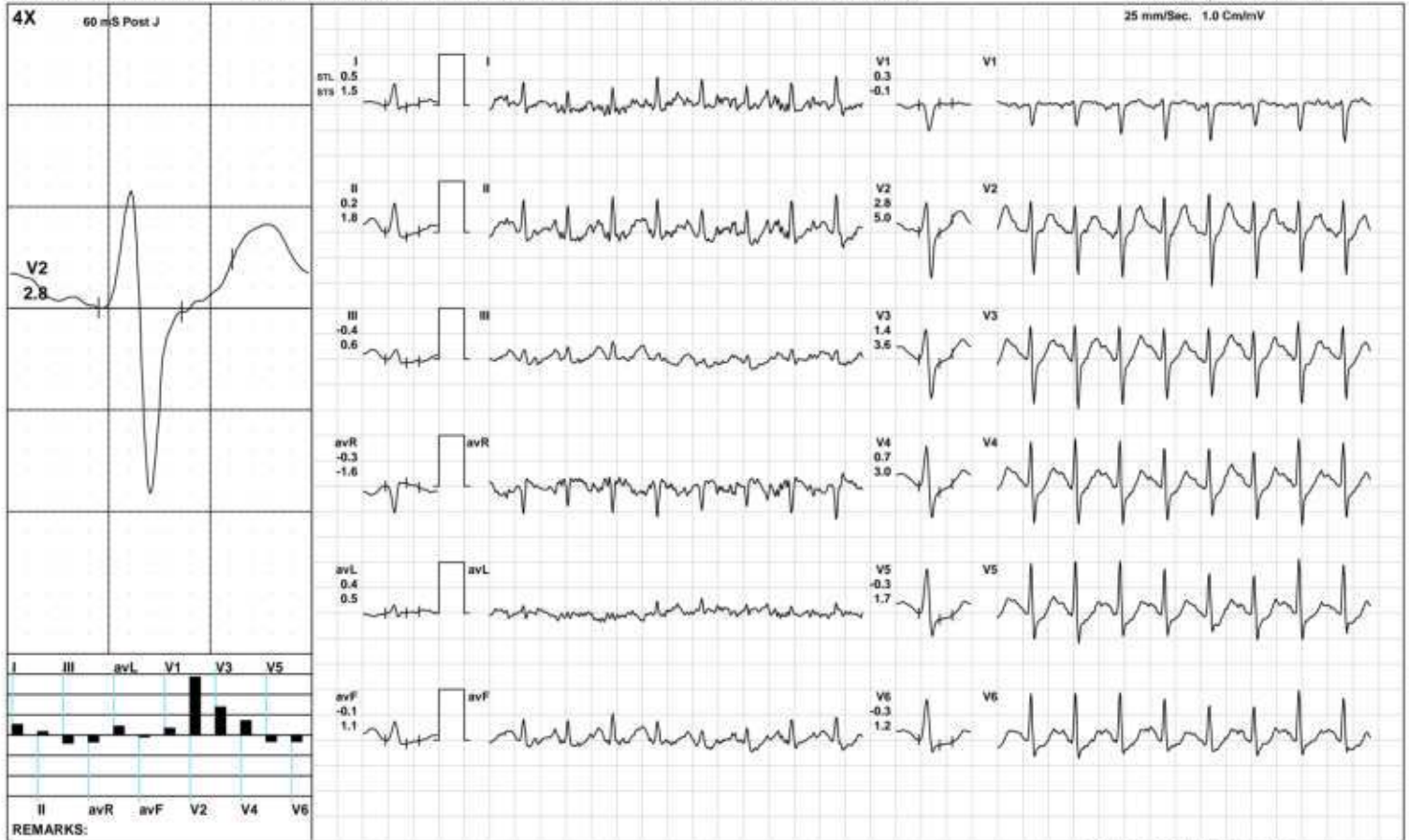
Recovery(1:00)



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 167

Date: 26-Oct-2024 12:38:21 PM METS: 4.3/ 167 bpm 89% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:08 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

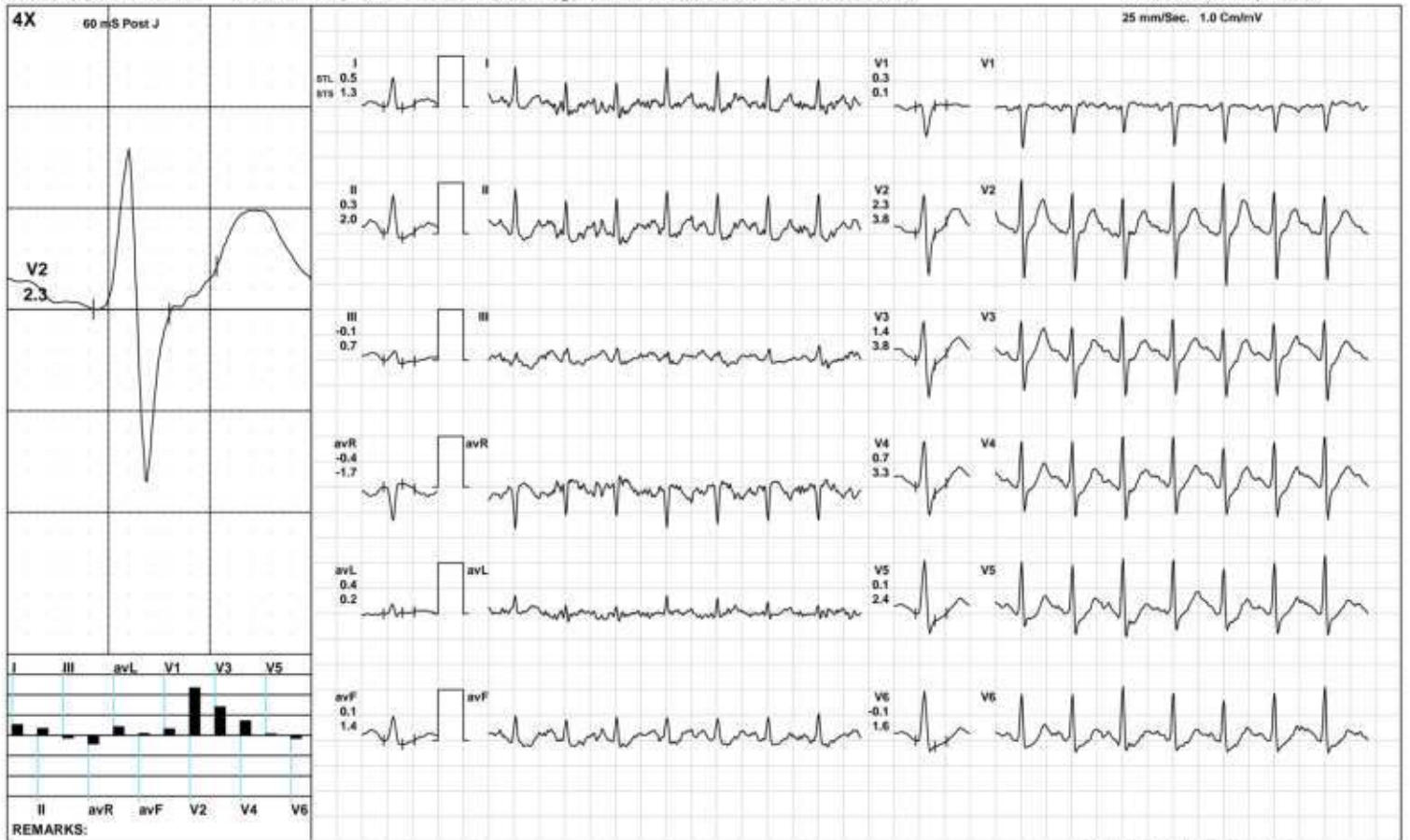
Recovery(2:00)



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 147

Date: 26-Oct-2024 12:38:21 PM METS: 1.0/ 147 bpm 79% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:08 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

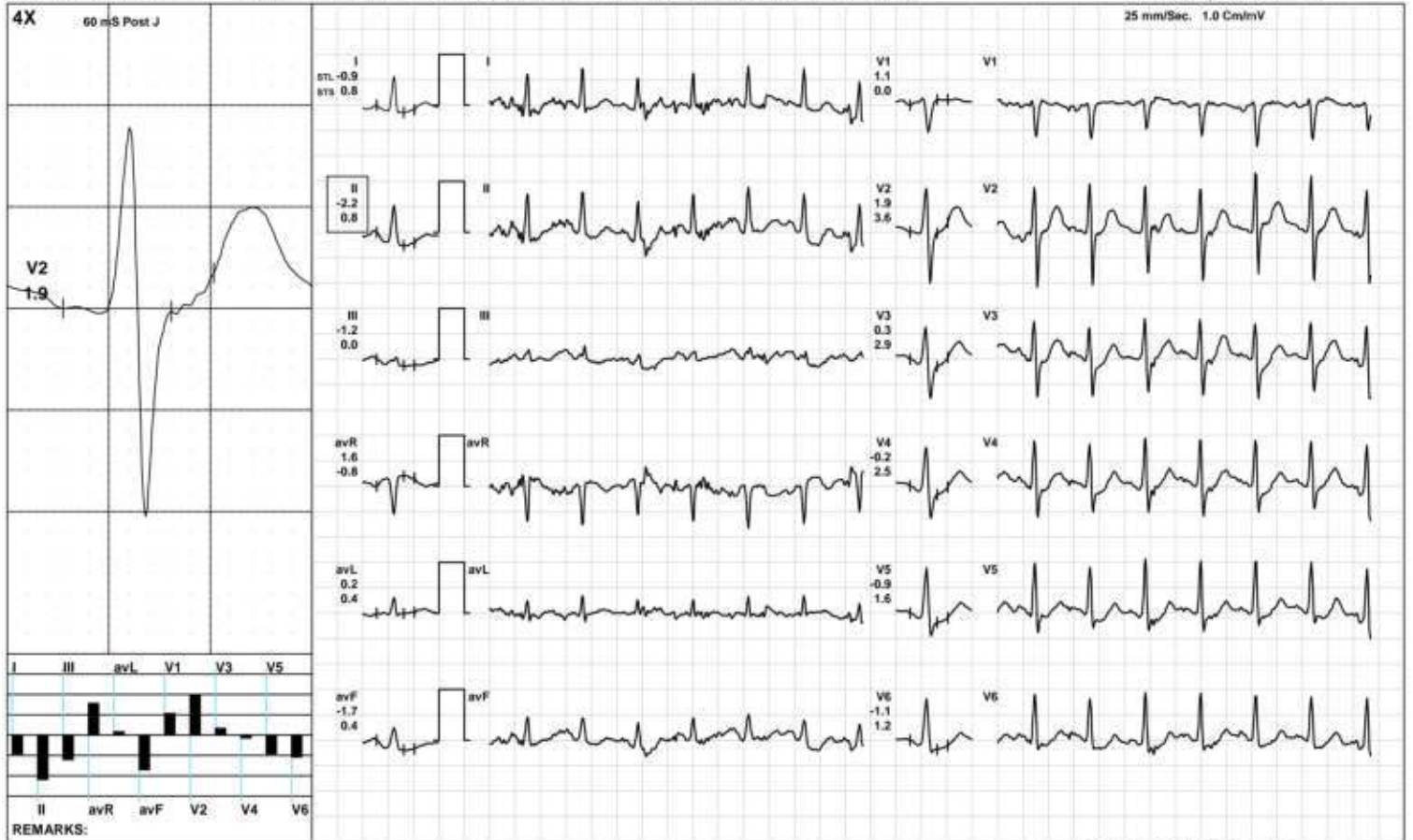
Recovery(3:21)



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 132

Date: 26-Oct-2024 12:38:21 PM METS: 1.0/ 132 bpm 70% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:08 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS.**

**ST Measurements**



3267 / MR. ARJUN KUMAR / 34 Yrs / M / 174 Cms / 76 Kg / HR : 67

Date: 26-Oct-2024 12:38:21 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	0.7	0.4	-0.4	-0.5	0.5	0.0	-0.1	1.9	0.9	0.8	0.7	0.5	0.9	0.7	-0.2	-0.8	0.6	0.3	-0.4	1.7	1.0	1.1	0.9	0.7	
60 @mS Standing	0.7	0.4	-0.4	-0.5	0.5	0.0	-0.1	1.9	0.9	0.8	0.7	0.5	0.9	0.7	-0.2	-0.8	0.6	0.3	-0.4	1.7	1.0	1.1	0.9	0.7	
HV	0.7	0.4	-0.4	-0.5	0.5	0.0	-0.1	1.9	0.9	0.8	0.7	0.5	0.9	0.7	-0.2	-0.8	0.6	0.3	-0.4	1.7	1.0	1.1	0.9	0.7	
Warm Up	1.0	0.6	-0.4	-0.8	0.7	0.1	-0.1	2.1	0.9	0.9	0.7	0.6	1.0	0.7	-0.3	-0.9	0.7	0.2	-0.3	1.8	0.9	0.9	0.8	0.7	
ExStart	-1.0	-0.9	0.2	1.0	-0.6	-1.3	-0.3	2.1	2.1	0.1	-0.1	0.3	-0.1	-2.0	-0.4	1.0	0.4	-2.7	0.3	2.0	2.5	1.1	1.1	1.0	
Stage 1	0.1	-1.3	-1.2	0.6	0.7	-1.4	-0.1	0.4	0.1	0.2	-0.4	-0.1	1.3	1.4	-0.1	-1.4	0.7	0.9	0.2	4.6	1.5	1.8	1.5	1.8	
Stage 2	0.0	-0.7	-0.6	0.3	0.3	-0.6	0.1	0.6	-0.9	-1.0	-1.0	-1.0	0.6	0.5	-0.2	-0.6	0.5	0.2	0.0	1.7	0.7	1.0	0.6	0.1	
Stage 3	-0.4	-2.5	-2.1	1.4	0.8	-2.3	0.5	-0.7	-3.1	-3.7	-4.0	-3.4	0.3	0.0	-0.2	-0.1	0.4	-0.1	-0.2	1.0	0.3	0.4	-0.1	0.1	
PeakEx	0.1	-1.5	-1.5	0.7	0.8	-1.5	0.4	1.4	-0.9	-1.3	-1.8	-1.8	0.8	0.4	-0.4	-0.6	0.4	0.0	-0.4	2.9	1.7	1.2	0.1	-0.1	
Recovery	0.5	0.2	-0.4	-0.3	0.4	-0.1	0.3	2.8	1.4	0.7	-0.3	-0.3	1.5	1.8	0.6	-1.6	0.5	1.1	-0.1	5.0	3.6	3.0	1.7	1.2	
Recovery	0.5	0.3	-0.1	-0.4	0.4	0.1	0.3	2.3	1.4	0.7	0.1	-0.1	1.3	2.0	0.7	-1.7	0.2	1.4	0.1	3.8	3.8	3.3	2.4	1.6	
Recovery	-0.9	-2.2	-1.2	1.6	0.2	-1.7	1.1	1.9	0.3	-0.2	-0.9	-1.1	0.8	0.8	0.0	-0.8	0.4	0.4	0.0	3.6	2.9	2.5	1.6	1.2	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI( $\mu$ Vs)	Supine	6.8	3.3	-3.6	-4.9	5.3	-0.2	-0.4	18.9	7.7	7.0	5.3	4.1
	Standing	6.8	3.3	-3.6	-4.9	5.3	-0.2	-0.4	18.9	7.7	7.0	5.3	4.1
	HV	6.8	3.3	-3.6	-4.9	5.3	-0.2	-0.4	18.9	7.7	7.0	5.3	4.1
	Warm Up	8.8	5.3	-3.4	-7.0	6.1	1.0	-0.6	20.9	8.1	7.3	6.0	4.9
	ExStart	-4.5	1.2	5.9	1.7	-4.8	-2.7	-4.8	20.1	11.5	0.2	-1.6	1.8
	Stage 1	-1.5	-8.5	-5.8	5.0	2.5	-8.5	-0.7	-3.3	-0.5	-1.2	-4.4	-3.1
	Stage 2	-1.4	-5.2	-3.3	3.2	0.8	-3.9	1.5	0.3	-6.2	-7.3	-6.9	-6.4
	Stage 3	-1.5	-8.8	-7.3	5.1	2.5	-8.0	1.8	-2.8	-10.9	-13.2	-14.1	-12.0
	PeakEx	-1.9	-9.4	-7.4	5.7	3.2	-8.4	3.5	0.6	-9.8	-10.2	-11.1	-10.5
	Recovery	0.2	-2.1	-3.1	1.1	1.2	-2.2	1.7	5.1	-0.3	-2.4	-5.5	-4.4
	Recovery	0.0	-2.4	-2.0	1.3	1.4	-2.4	2.4	5.6	1.1	-2.0	-4.5	-4.3
	Recovery	-6.5	-14.2	-7.5	10.4	0.5	-10.9	6.3	5.0	-3.3	-5.4	-8.3	-8.5



3267 / MR. ARJUN KUMAR / 34 Yrs / Male / 174 Cm / 76 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	91	216	88	42	279	-1220	1032	-793	-1359	-186	avF	-531	0.00	0	0
01:00	102	206	78	25	435	1310	1310	-948	-944	-27	II	-162	0.00	0	0
01:30	109	180	78	31	413	270	829	-967	915	-351	V2	-322	0.00	0	0
02:00	118	150	100	28	318	221	824	-978	301	-364	V2	-172	0.00	0	0
02:30	119	162	80	32	398	-249	901	-992	314	-14	III	-108	0.00	0	0
03:00	122	152	74	45	336	223	846	-974	474	-341	V2	-177	0.00	0	0
03:30	124	150	96	33	415	268	888	-1054	495	-31	avF	-47	0.00	0	0
04:00	129	136	76	28	224	-293	899	-951	-283	-317	V2	-268	0.00	0	0
04:30	133	146	92	25	311	223	930	-910	405	-284	V3	-107	0.00	0	0
05:00	140	136	72	40	317	211	842	-1009	337	-70	III	-183	0.00	0	0
05:30	143	132	70	48	340	191	875	-964	274	-86	II	-132	0.00	0	0
06:00	149	126	70	37	408	218	886	-994	306	-266	V5	-108	0.00	0	0
06:30	152	110	68	43	361	237	914	-940	269	-283	V5	-122	0.00	0	0
07:00	155	108	68	31	360	215	987	-966	314	-302	V5	-184	0.00	0	0
07:30	164	106	68	32	363	202	899	-890	283	-349	V5	-199	0.00	0	0
08:00	170	94	66	37	180	218	919	-928	-266	-339	V5	-202	0.00	0	0
08:30	173	92	66	41	179	202	911	-970	-310	-403	V5	-270	0.00	0	0
09:00	179	92	66	44	171	194	876	-1011	-351	-400	V5	-276	0.00	0	0
09:30	180	92	66	43	170	186	964	-957	-350	-364	V5	-260	0.00	0	0
10:00	185	84	66	45	185	220	932	-1040	-387	-570	V4	-331	0.00	0	0
10:30	172	88	68	35	350	246	885	-999	343	-276	V6	-227	0.00	0	0
11:00	164	94	68	31	332	264	906	-927	447	-309	V5	-92	0.00	0	0
11:30	155	110	70	41	321	258	984	-966	477	-189	V6	-68	0.00	0	0
12:00	149	122	72	36	324	246	1006	-959	522	-167	V6	-69	0.00	0	0
12:30	138	130	72	36	319	218	1042	-978	518	-117	II	-65	0.00	0	0



3267 / MR. ARJUN KUMAR / 34 Yrs / Male / 174 Cm / 76 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 (μV)	Var (%)	VEB (Counts)	Missed Beats (Counts)
13:00	136	132	72	26	326	212	956	-1029	522	-112	II	-92	0.00	0	0





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

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

<b>Date</b> 26/10/2024	<b>Srl No.</b> 3	<b>Patient Id</b> 2410260003
<b>Name</b> Mr. ARJUN KUMAR	<b>Age</b> 34 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**



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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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>26/10/2024</b>	<b>Sri No. 3</b>	<b>Patient Id 2410260003</b>
<b>Name</b>	<b>Mr. ARJUN KUMAR</b>	<b>Age 34 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)	5,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	13	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	2.28	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	81.3	mg/dl	70 - 110
SERUM CREATININE	0.91	mg%	0.7 - 1.4
BLOOD UREA	21.1	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.56	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

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

<b>Date</b>	<b>26/10/2024</b>	<b>Sri No. 3</b>	<b>Patient Id 2410260003</b>
<b>Name</b>	<b>Mr. ARJUN KUMAR</b>	<b>Age 34 Yrs.</b>	<b>Sex M</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</b>		

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.59	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.19	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.4	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.48	gm/dl	6.6 - 8.3
ALBUMIN	4.39	gm/dl	3.4 - 5.2
GLOBULIN	3.09	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.421</b>		
SGOT	<b>65.0</b>	IU/L	5 - 40
SGPT	<b>94.6</b>	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	70.5	U/L	40.0 - 130.0
GAMMA GT	22.9	IU/L	8.0 - 71.0

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

TRIGLYCERIDES	132.7	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	145.0	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	50.9	mg/dL	35.1 - 88.0
V L D L	<b>26.54</b>	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	67.56	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.849		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.327		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



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<b>Date</b>	<b>26/10/2024</b>	<b>Sri No. 3</b>	<b>Patient Id 2410260003</b>
<b>Name</b>	<b>Mr. ARJUN KUMAR</b>	<b>Age 34 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	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	1-2	/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>	<b>26/10/2024</b>	<b>Srl No.</b>	<b>3</b>	<b>Patient Id</b>	<b>2410260003</b>
<b>Name</b>	<b>Mr. ARJUN KUMAR</b>	<b>Age</b>	<b>34 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</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**





ISO 9001 : 2015

## AAROGYAM DIAGNOSTICS

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

Name :- Arjun Kumar

Referred by :- Dr. Corp

F-41, P.C. Colony, Opp. Madhuban Complex,  
Near Malahi Pakari Chowk, Kankarbagh, Patna-20

9065875700

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com Age/Sex:-34Yrs/M

Date :-26/10/24

Thanks for referral.

### REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Enlarged in size (15.7cm) with 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 (10.8cm) 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 11.1cm and Left Kidney measures 10.5cm.
- Ureters** :- Ureters are normal.
- U. Bladder** :- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (14.0cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Hepatomegaly with Grade I Fatty Liver.  
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



41004100640

**TEST REPORT**

<b>Reg.No</b> : 41004100640	<b>Reg.Date</b> : 28-Oct-2024 12:51	<b>Collection</b> : 28-Oct-2024 12:51
<b>Name</b> : ARJUN KUMAR		<b>Received</b> : 28-Oct-2024 12:51
<b>Age</b> : 34 Years	<b>Sex</b> : Male	<b>Report</b> : 28-Oct-2024 13:52
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 28-Oct-2024 13:59
<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>CMIA</small>	1.04	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	6.53	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	1.614	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