

(5) BOB

Nirbhay Kr. Tiwary 45/M

LETTER OF APPROVAL / RECOMMENDATION

To,

The Coordinator,  
 Mediwheel (Arcofemi Healthcare Limited)  
 Helpline number: 011- 41195959

Dear Sir / Madam,

**Sub: Annual Health Checkup for the employees of Bank of Baroda**

This is to inform you that the following employee wishes to avail the facility of Cashless Annual Health Checkup provided by you in terms of our agreement.

PARTICULARS	EMPLOYEE DETAILS
NAME	MR. TIWARY NIRBHAY KUMAR
EC NO.	160477
DESIGNATION	BRANCH OPERATIONS
PLACE OF WORK	PATNA, PBB-KANKARBAGH
BIRTHDATE	01-03-1978
PROPOSED DATE OF HEALTH CHECKUP	29-03-2023
BOOKING REFERENCE NO.	22M160477100053006E

This letter of approval / recommendation is valid if submitted along with copy of the Bank of Baroda employee id card. This approval is valid from **24-03-2023** till **31-03-2023** The list of medical tests to be conducted is provided in the annexure to this letter. Please note that the said health checkup is a **cashless facility** as per our tie up arrangement. We request you to attend to the health checkup requirement of our employee and accord your top priority and best resources in this regard. The EC Number and the booking reference number as given in the above table shall be mentioned in the invoice, invariably.

We solicit your co-operation in this regard.

Yours faithfully,

Sd/-

कुले बैंक ऑफ़ बरोडा  
 For Bank of Baroda

वरिष्ठ प्रबंधक / Senior Manager  
 वैयक्तिक बैंकिंग शाखा / Personal Banking Branch  
 कंकड़बाग, पटना / Kankarbagh, Patna

Chief General Manager  
 HRM Department  
 Bank of Baroda



167/70

(Note: This is a computer generated letter. No Signature required. For any clarification, please contact Mediwheel (Arcofemi Healthcare Limited))

167  
 73

8/2023  
 Unine + PP  
 EC  
 X1001  
 7/11  
 10-03-2023  
 484-000  
 29-03-2023

NIRBHAY KUMAR TIWARY

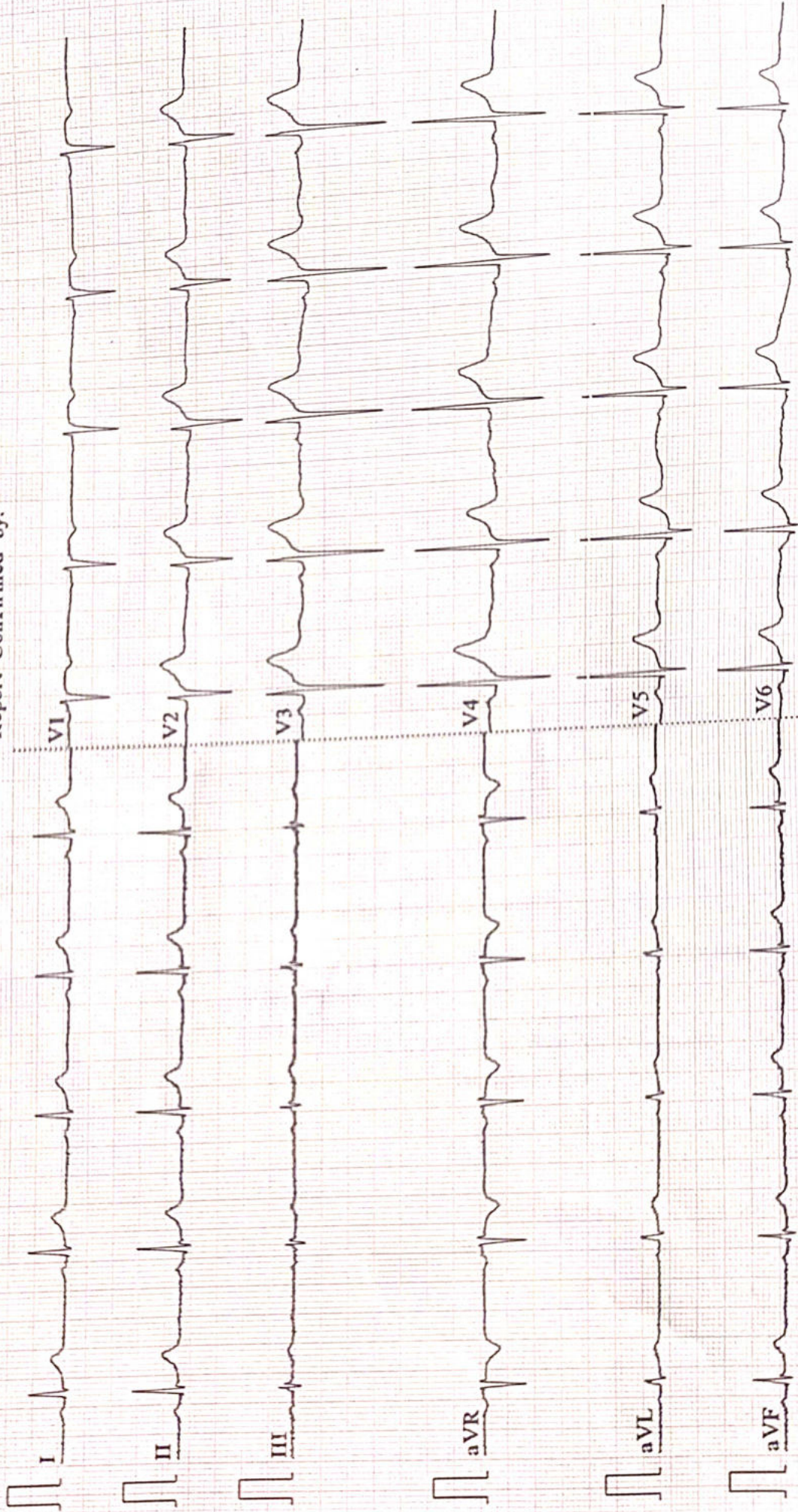
Male 45Years

Diagnosis Information:

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

HR : 61 bpm  
P : 98 ms  
PR : 158 ms  
QRS : 83 ms  
QT/QTc : 379/384 ms  
P/QRS/T : 24/45/42 °  
RV5/SV1 : 1.56/0.871 mV

Ref-Phys. :  
Report Confirmed by:





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

Name :- Nirbhay Kumar Tiwary  
Refd by :- Corp

Age/Sex:-45Yrs/M

Date :-08/04/23

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size (13.5cm) 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** :- **Completely Collapsed G.B contains ? calculus of measuring size approx 4.3mm seen near neck region.**
- 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 (8.7cm) 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 9.2cm 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(16.2cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Completely Collapsed G.B contains ? calculus near neck Region.  
Otherwise Normal Scan.*

*Dr. U. Kumar*  
**M.B.B.S, M.D (Radio-Diagnosis)**  
**Consultant Radiologist**



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg Date: 08-Apr-2023 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	69	39 %	100/70	069	00	
Standing	00:12	0:01	00.0	00.0	01.0	63	36 %	100/70	063	00	
HV	00:19	0:01	00.0	00.0	01.0	063	36 %	100/70	063	00	
Warm Up	00:36	0:01	01.0	00.0	01.0	062	35 %	100/70	062	00	
ExStart	01:08	0:06	01.7	10.0	01.1	089	51 %	100/70	089	00	
BRUCE/ Stage 1	04:08	3:00	01.7	10.0	04.7	107	61 %	105/75	112	00	
BRUCE/ Stage 2	07:08	3:00	02.5	12.0	07.1	133	76 %	110/80	146	00	
PeakEx	07:47	0:39	03.4	14.0	07.8	143	82 %	110/80	157	00	
Recovery	08:46	1:00	01.1	00.0	01.2	122	70 %	110/80	134	00	
Recovery	09:46	2:00	01.1	00.0	01.0	110	63 %	105/75	115	00	
Recovery	11:46	4:00	01.1	00.0	01.0	101	58 %	100/70	101	00	
Recovery	13:05	5:18	01.1	00.0	01.0	101	58 %	100/70	101	00	

**Findings :**

Exercise Time : 06:40  
 Max HR Attained : 192 bpm 110% of Target 175  
 Max BP Attained : (Sys) 110/80  
 Max WorkLoad Attained : 7.8 Fair response to induced stress  
 Max ST Dep Lead & Value : V6 & -1.9 mm in PeakEx mm  
 Test End Reasons : Leg Pain

**Report :**

**Aarogam Diagnostics**

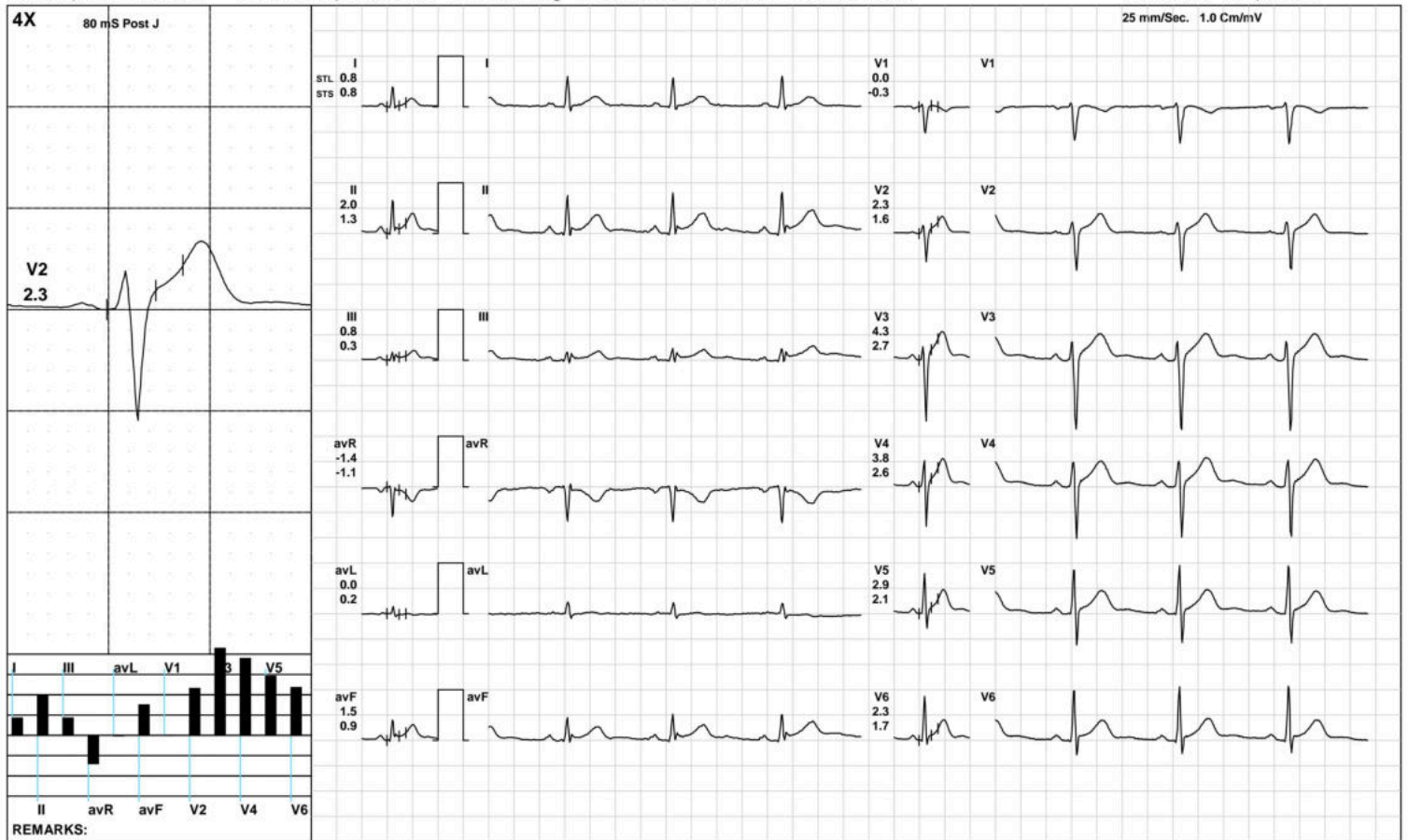
Supine



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 69

Date: 08-Apr-2023 10:57:26 AM METS: 1.0/ 69 bpm 39% of THR BP: 100/70 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**

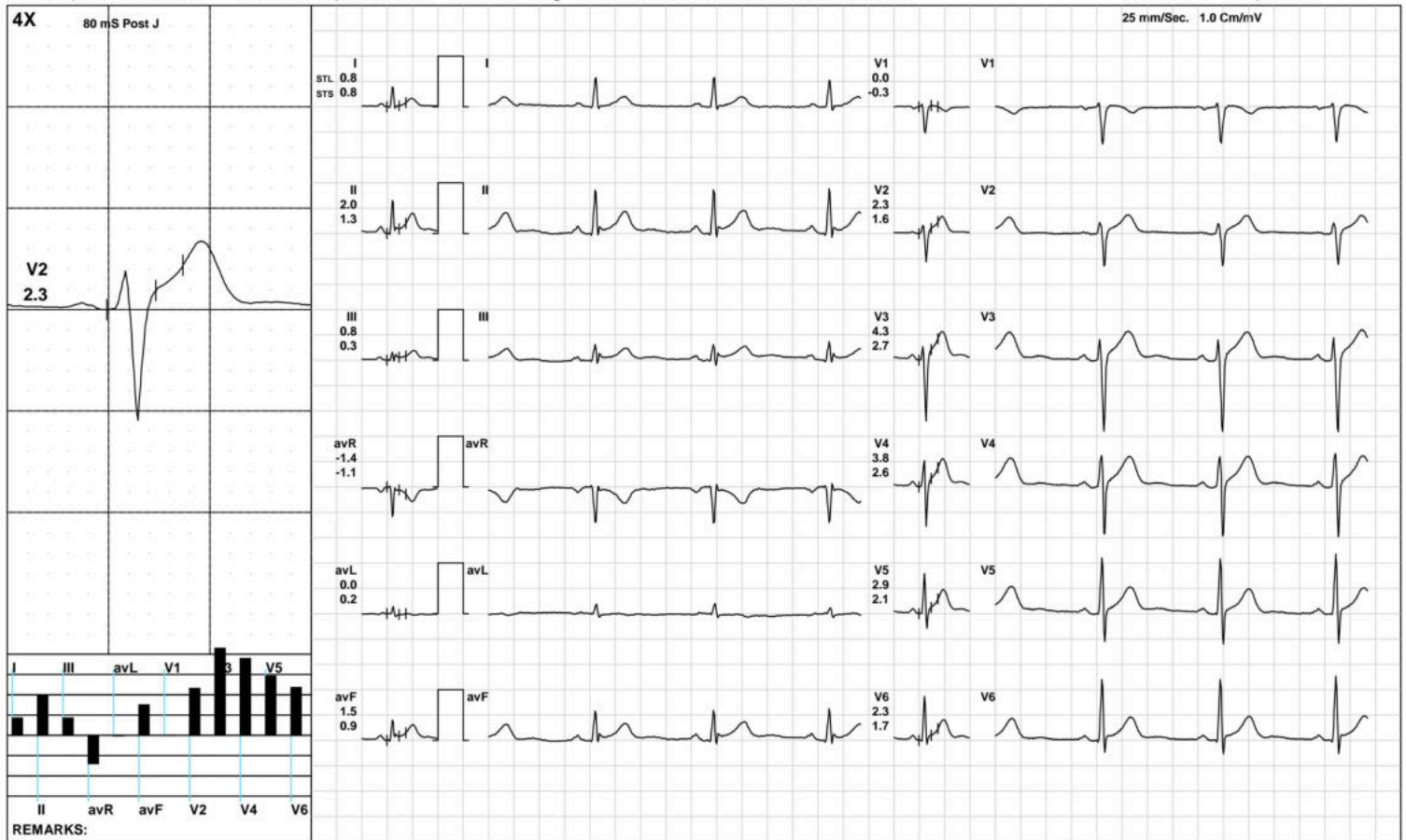
Standing



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 63

Date: 08-Apr-2023 10:57:26 AM METS: 1.0/ 63 bpm 36% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:12 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

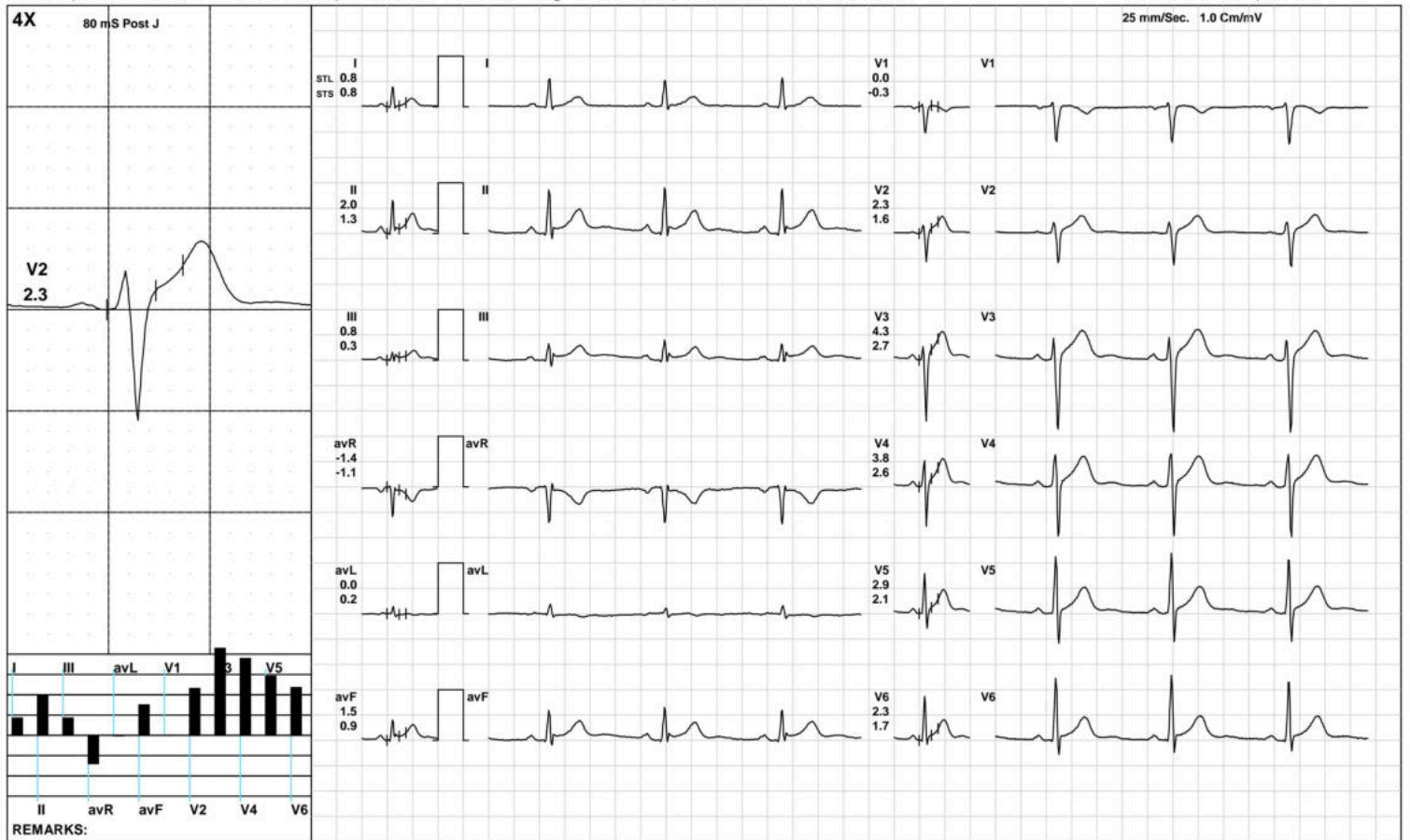
HV



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 63

Date: 08-Apr-2023 10:57:26 AM METS: 1.0/ 63 bpm 36% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:19 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

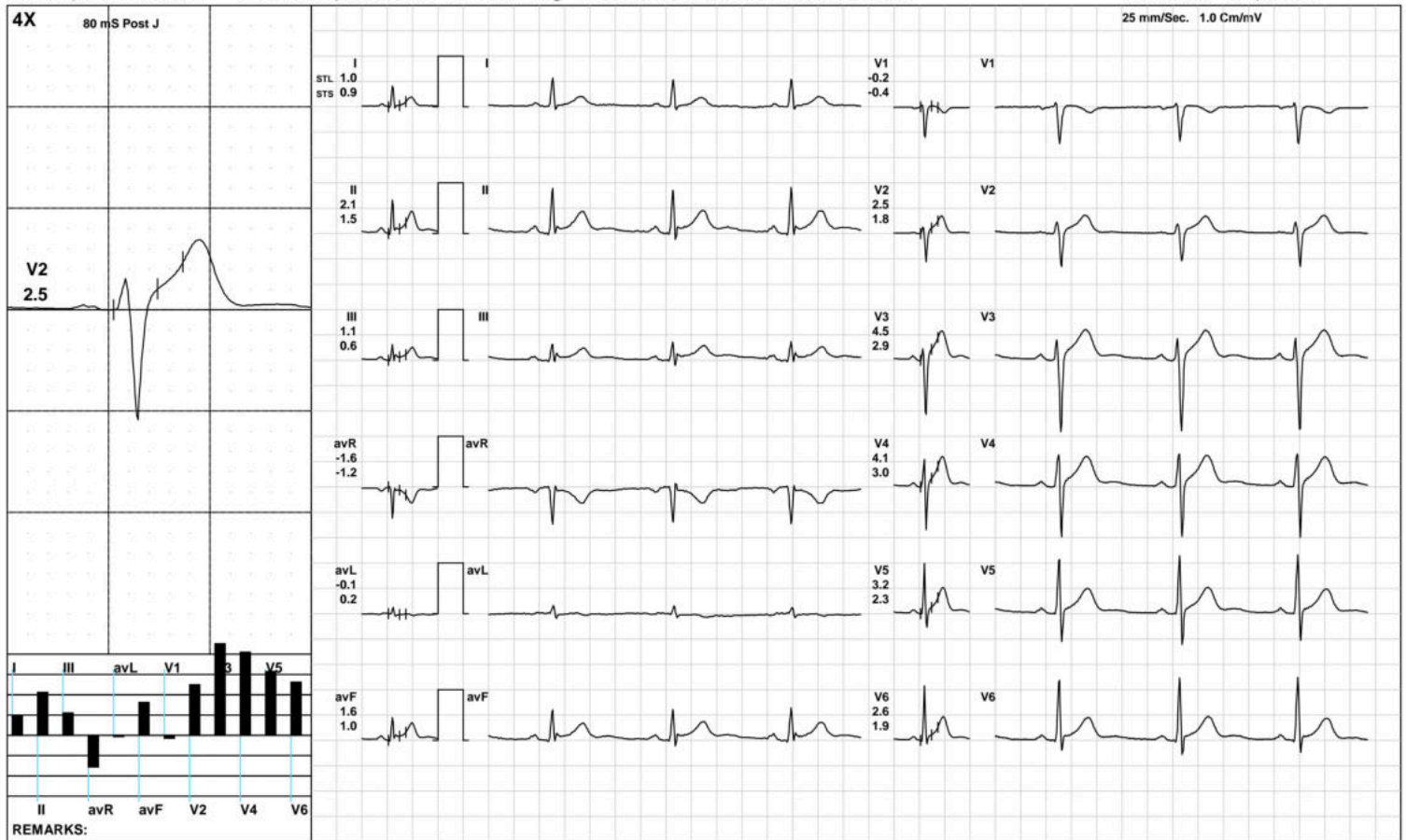
Warm Up



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 62

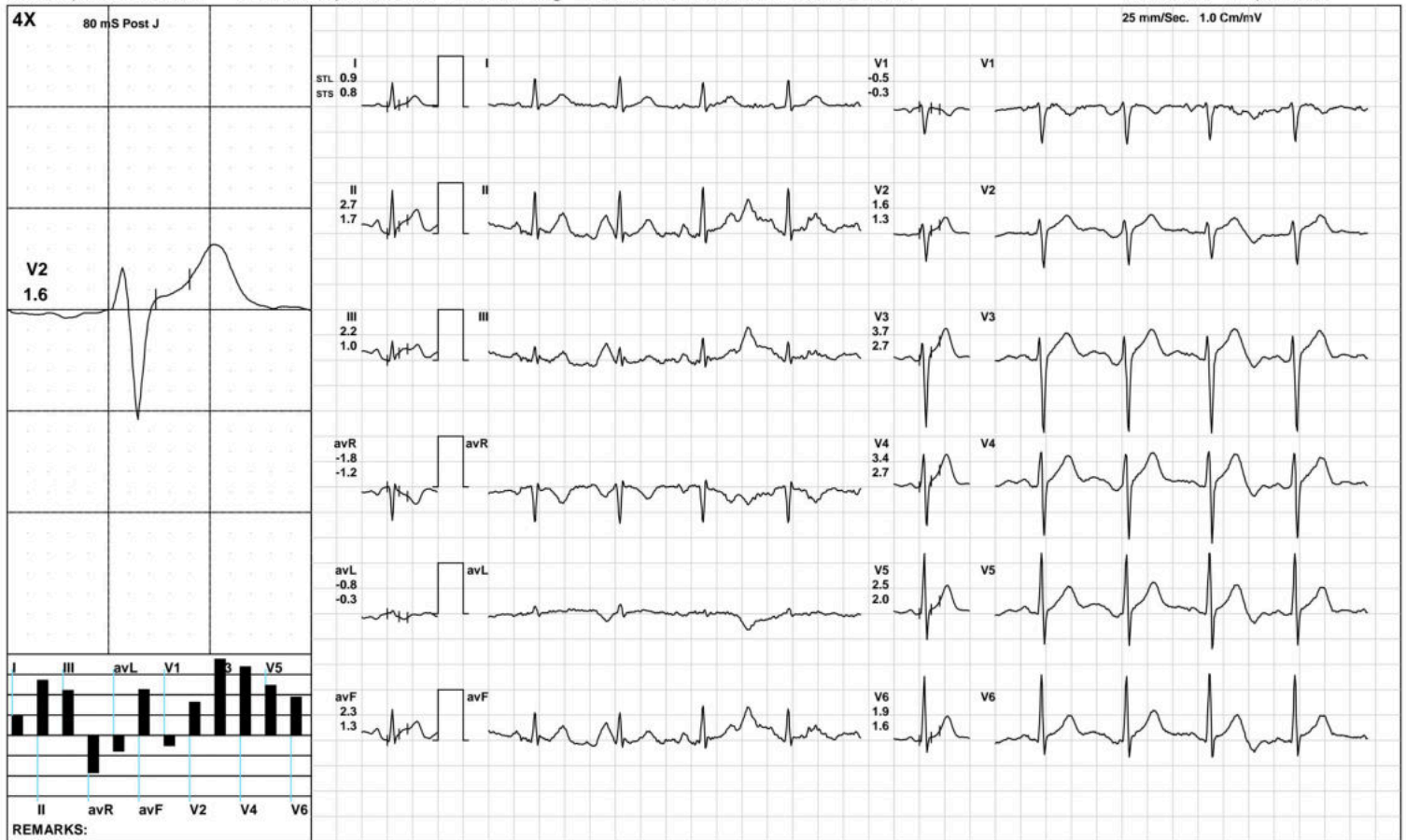
Date: 08-Apr-2023 10:57:26 AM METS: 1.0/ 62 bpm 35% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:36 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers





Aarogam Diagnostics

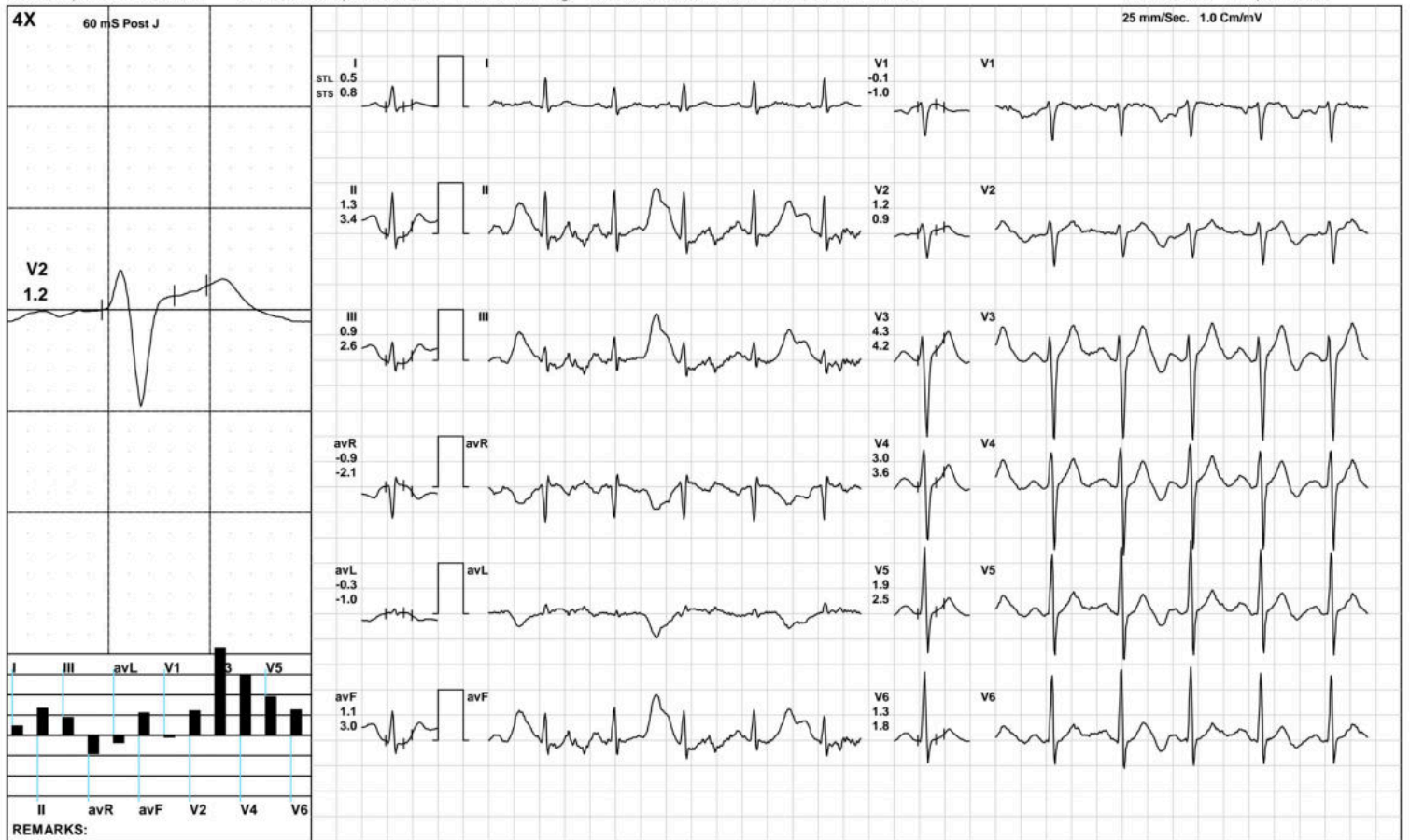
BRUCE:/Stage 1(3:00)



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 107

Date: 08-Apr-2023 10:57:26 AM METS: 4.7/ 107 bpm 61% of THR BP: 105/75 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

Aarogam Diagnostics

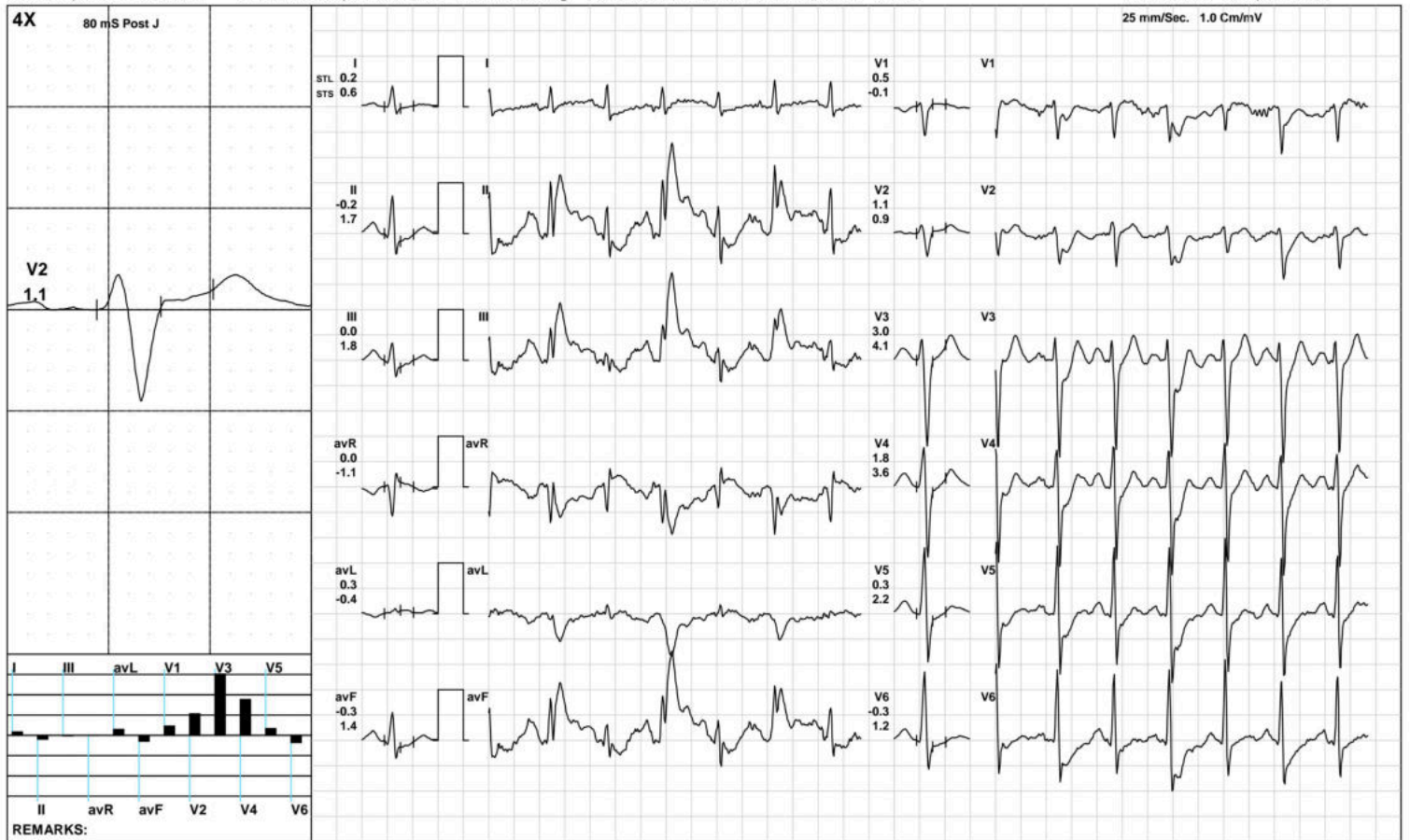
BRUCE:/Stage 2(3:00)



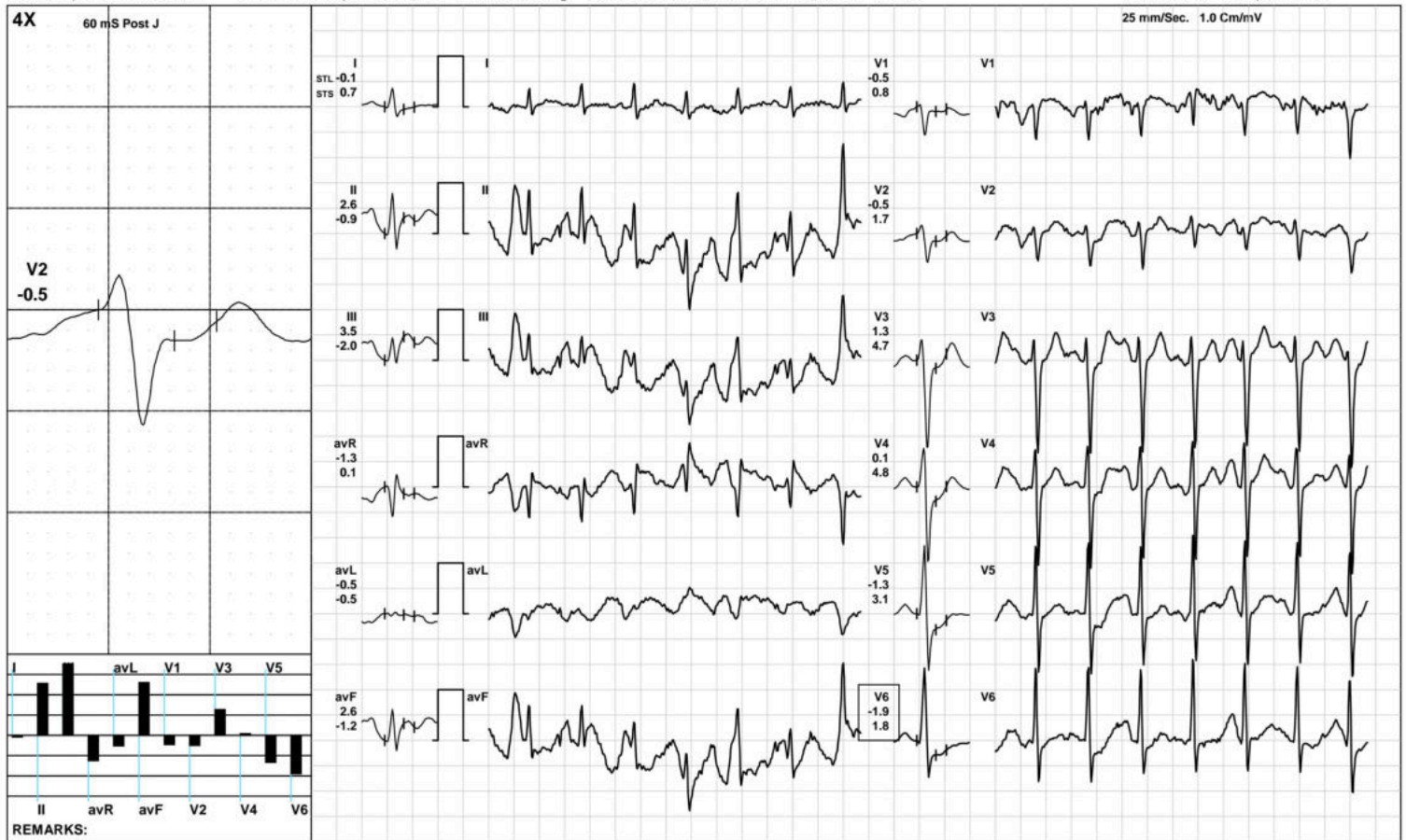
1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 133

Date: 08-Apr-2023 10:57:26 AM METS: 7.1/ 133 bpm 76% of THR BP: 110/80 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**

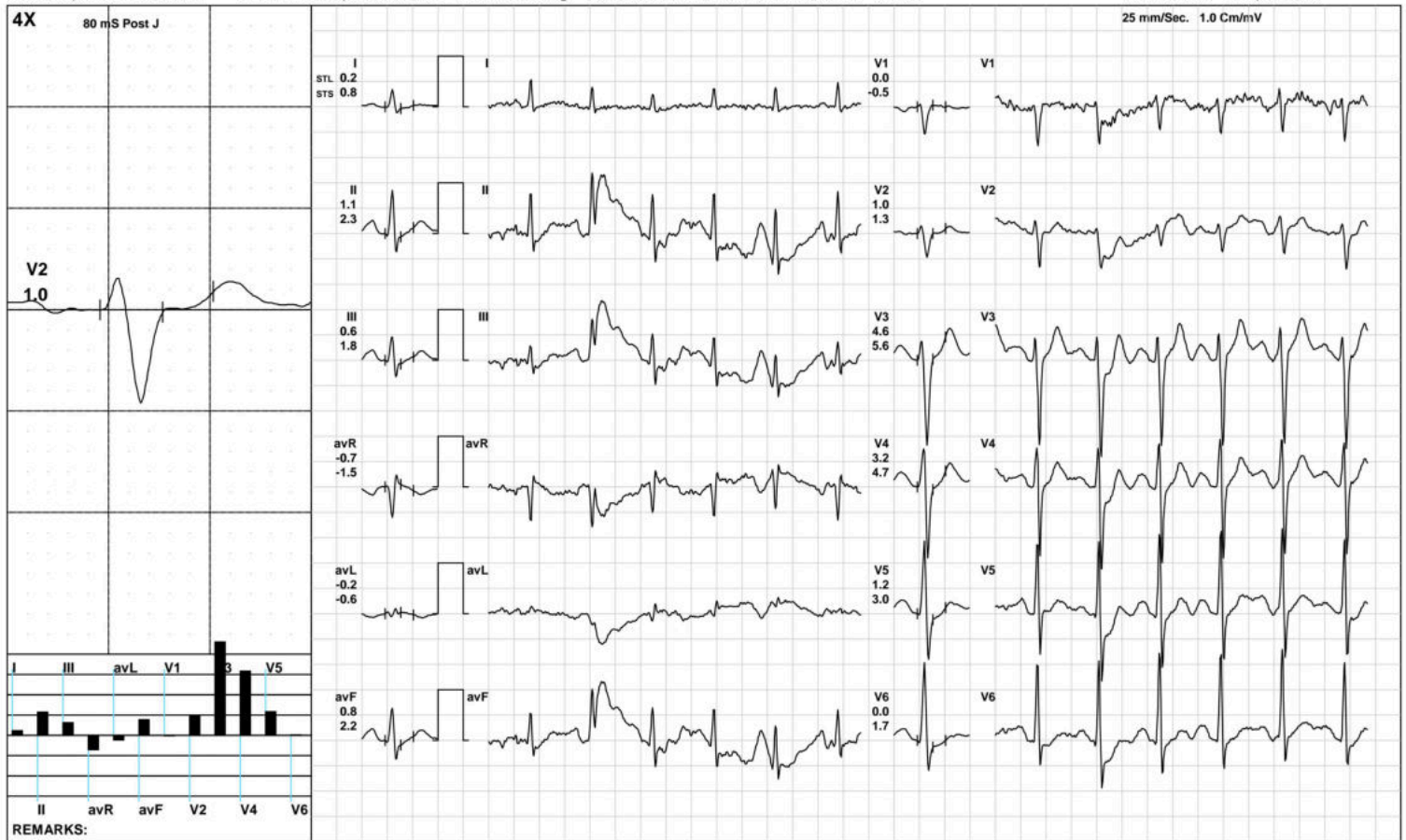
Recovery(1:00)



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 122

Date: 08-Apr-2023 10:57:26 AM METS: 1.2/ 122 bpm 69% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

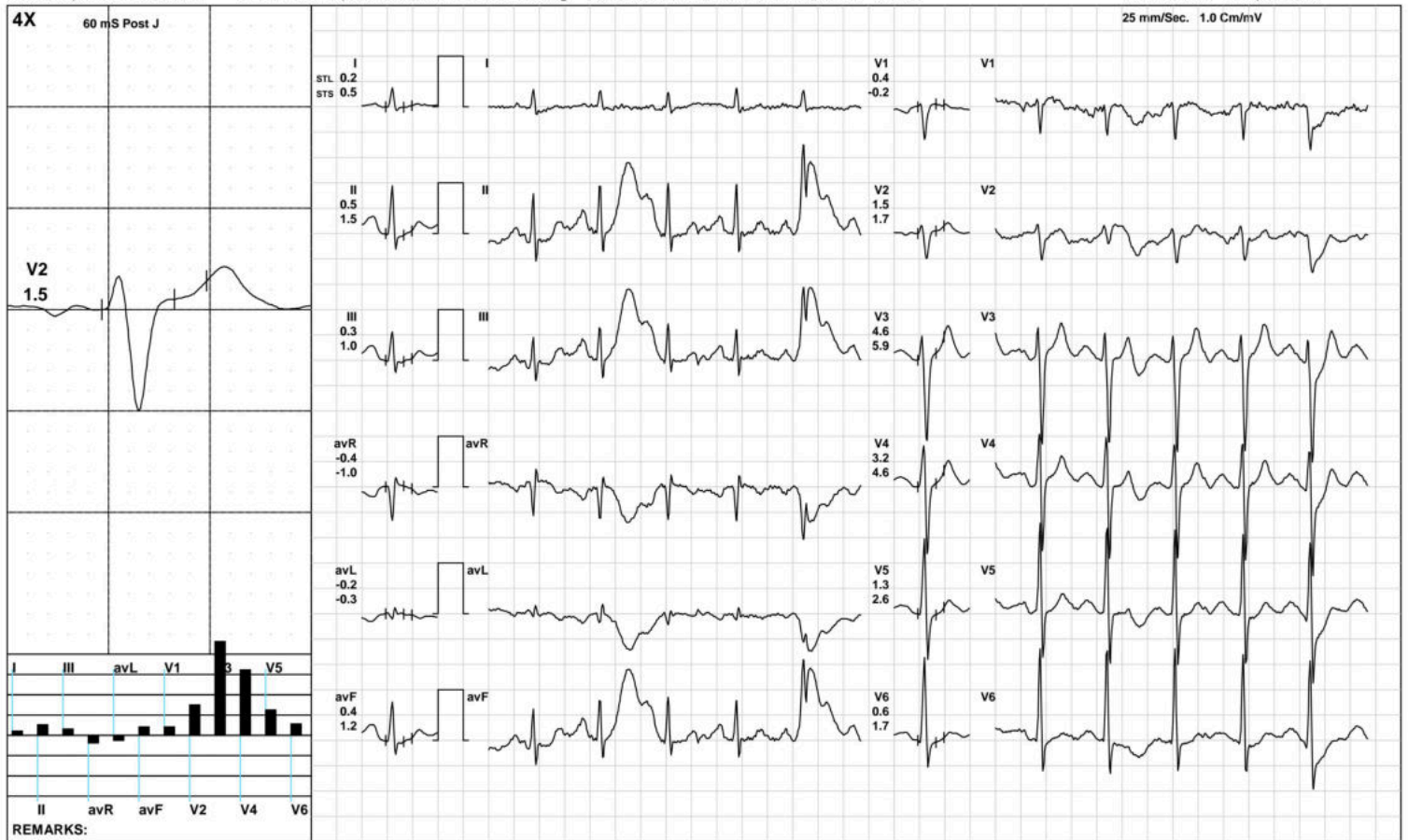
Recovery(2:00)



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 110

Date: 08-Apr-2023 10:57:26 AM METS: 1.0/ 110 bpm 62% of THR BP: 105/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

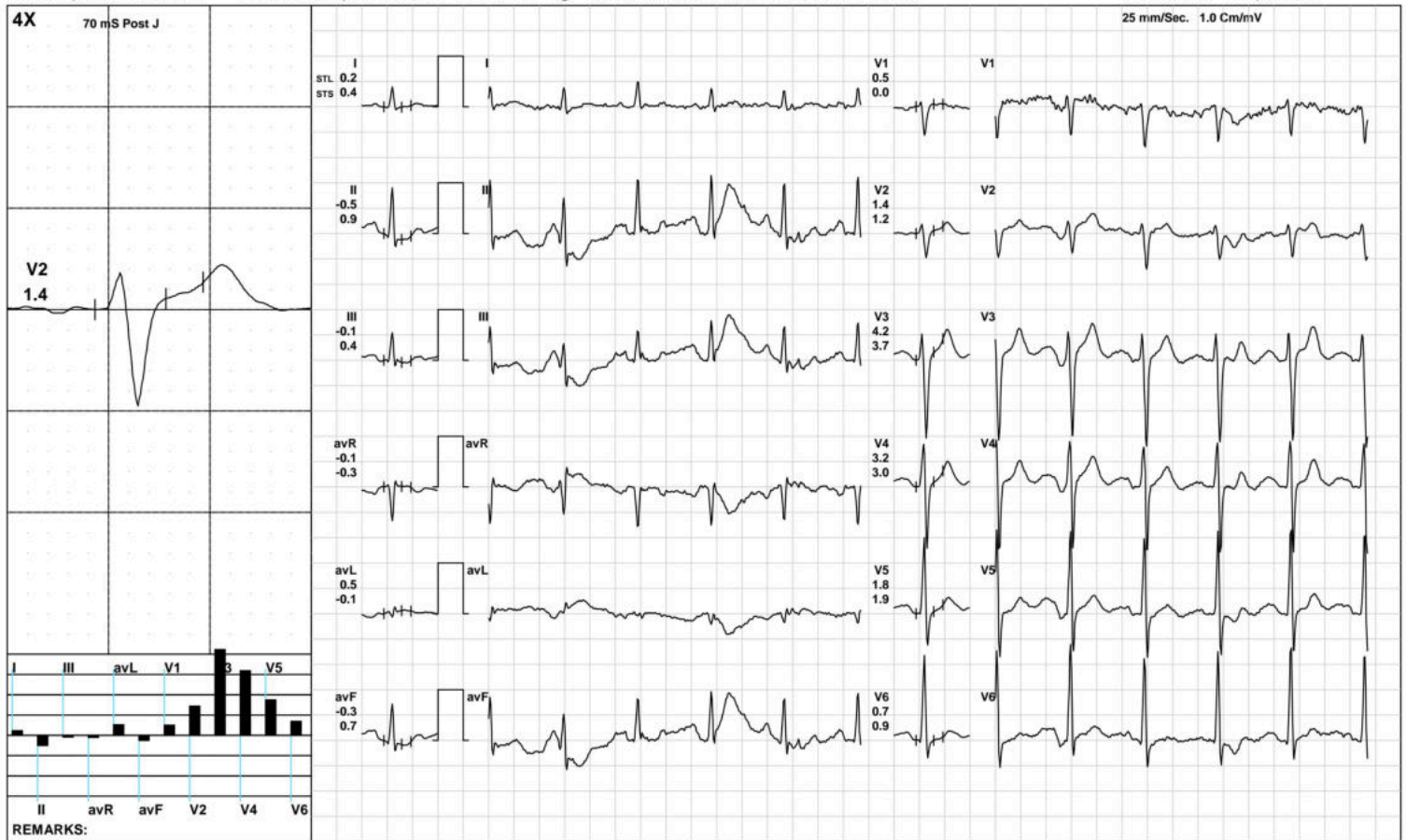
**Recovery(4:00)**

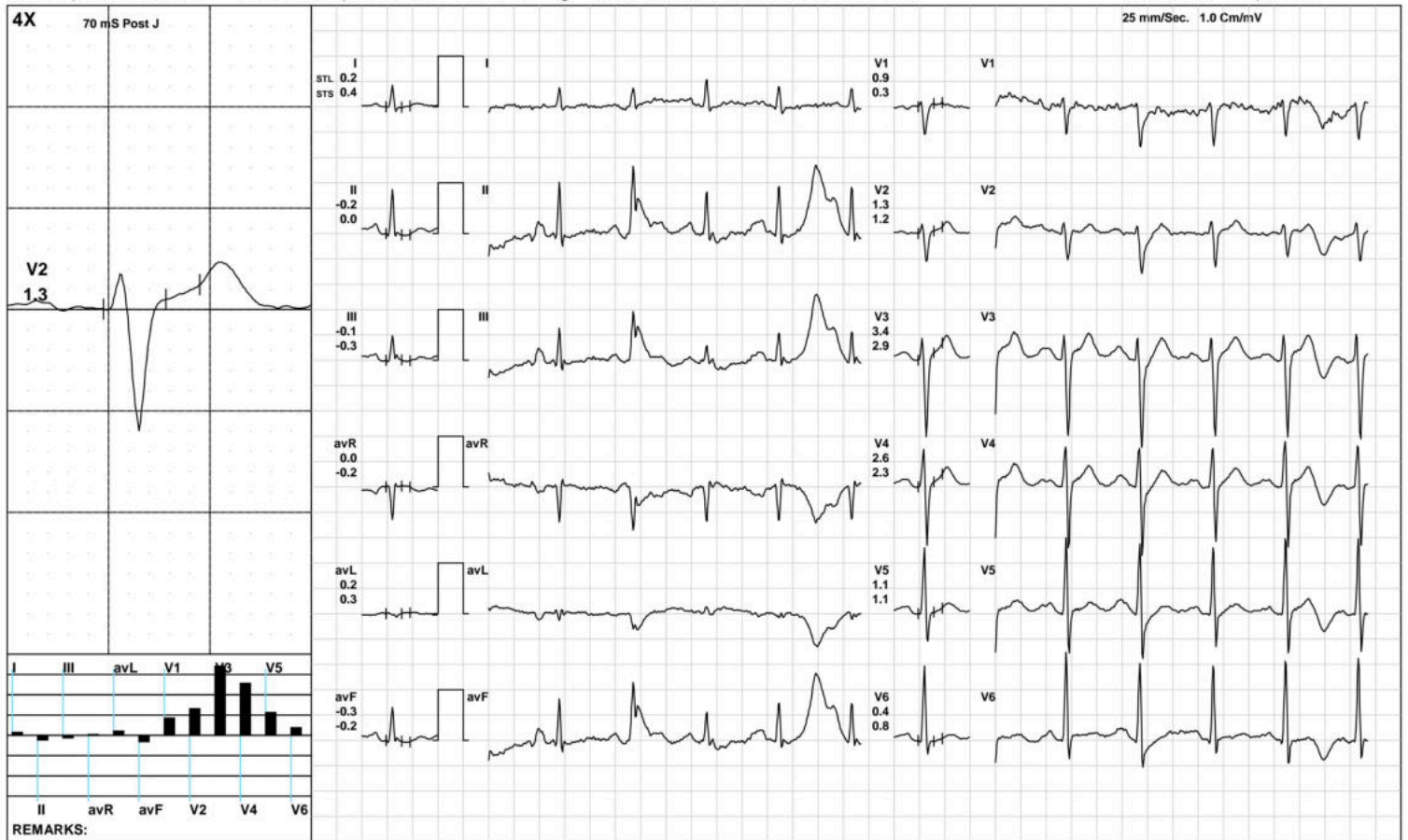


1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 101

Date: 08-Apr-2023 10:57:26 AM METS: 1.0/ 101 bpm 57% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:40 1.1 mph, 0.0%







**Aarogyam Diagnostics**

**ST Measurements**



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / M / 167 Cms / 73 Kg / HR : 63

Date: 08-Apr-2023 10:57:26 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	2.0	0.8	-1.4	0.0	1.5	0.0	2.3	4.3	3.8	2.9	2.3	0.8	1.3	0.3	-1.1	0.2	0.9	-0.3	1.6	2.7	2.6	2.1	1.7	
70 @mS Standing	0.8	2.0	0.8	-1.4	0.0	1.5	0.0	2.3	4.3	3.8	2.9	2.3	0.8	1.3	0.3	-1.1	0.2	0.9	-0.3	1.6	2.7	2.6	2.1	1.7	
HV	0.8	2.0	0.8	-1.4	0.0	1.5	0.0	2.3	4.3	3.8	2.9	2.3	0.8	1.3	0.3	-1.1	0.2	0.9	-0.3	1.6	2.7	2.6	2.1	1.7	
Warm Up	1.0	2.1	1.1	-1.6	-0.1	1.6	-0.2	2.5	4.5	4.1	3.2	2.6	0.9	1.5	0.6	-1.2	0.2	1.0	-0.4	1.8	2.9	3.0	2.3	1.9	
ExStart	0.9	2.7	2.2	-1.8	-0.8	2.3	-0.5	1.6	3.7	3.4	2.5	1.9	0.8	1.7	1.0	-1.2	-0.3	1.3	-0.3	1.3	2.7	2.7	2.0	1.6	
Stage 1	0.5	1.3	0.9	-0.9	-0.3	1.1	-0.1	1.2	4.3	3.0	1.9	1.3	0.8	3.4	2.6	-2.1	-1.0	3.0	-1.0	0.9	4.2	3.6	2.5	1.8	
Stage 2	0.2	-0.2	0.0	0.0	0.3	-0.3	0.5	1.1	3.0	1.8	0.3	-0.3	0.6	1.7	1.8	-1.1	-0.4	1.4	-0.1	0.9	4.1	3.6	2.2	1.2	
PeakEx	-0.1	2.6	3.5	-1.3	-0.5	2.6	-0.5	-0.5	1.3	0.1	-1.3	-1.9	0.7	-0.9	-2.0	0.1	-0.5	-1.2	0.8	1.7	4.7	4.8	3.1	1.8	
Recovery	0.2	1.1	0.6	-0.7	-0.2	0.8	0.0	1.0	4.6	3.2	1.2	0.0	0.8	2.3	1.8	-1.5	-0.6	2.2	-0.5	1.3	5.6	4.7	3.0	1.7	
Recovery	0.2	0.5	0.3	-0.4	-0.2	0.4	0.4	1.5	4.6	3.2	1.3	0.6	0.5	1.5	1.0	-1.0	-0.3	1.2	-0.2	1.7	5.9	4.6	2.6	1.7	
Recovery	0.2	-0.5	-0.1	-0.1	0.5	-0.3	0.5	1.4	4.2	3.2	1.8	0.7	0.4	0.9	0.4	-0.3	-0.1	0.7	0.0	1.2	3.7	3.0	1.9	0.9	
Recovery	0.2	-0.2	-0.1	0.0	0.2	-0.3	0.9	1.3	3.4	2.6	1.1	0.4	0.4	0.0	-0.3	-0.2	0.3	-0.2	0.3	1.2	2.9	2.3	1.1	0.8	
					I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6									

		<b>I</b>	<b>II</b>	<b>III</b>	<b>avR</b>	<b>avL</b>	<b>avF</b>	<b>V1</b>	<b>V2</b>	<b>V3</b>	<b>V4</b>	<b>V5</b>	<b>V6</b>
STI( $\mu$ Vs)	Supine	8.0	19.9	9.2	-14.0	-0.9	15.3	-1.9	18.0	33.0	30.8	25.3	21.3
	Standing	8.0	19.9	9.2	-14.0	-0.9	15.3	-1.9	18.0	33.0	30.8	25.3	21.3
	HV	8.0	19.9	9.2	-14.0	-0.9	15.3	-1.9	18.0	33.0	30.8	25.3	21.3
	Warm Up	9.1	21.1	12.0	-15.1	-1.4	16.5	-3.8	17.3	32.8	32.0	26.8	23.5
	ExStart	8.6	23.0	17.6	-15.7	-5.0	18.8	-5.2	14.4	31.2	29.3	22.9	18.1
	Stage 1	2.0	4.6	2.6	-3.2	-1.1	3.6	0.6	6.1	21.0	13.8	8.8	5.7
	Stage 2	0.0	-5.9	-4.5	3.0	4.0	-5.9	4.1	6.2	13.6	5.6	-2.1	-5.3
	PeakEx	-1.4	18.9	27.0	-8.8	-2.1	19.6	-4.7	-6.6	-1.5	-7.9	-13.1	-14.9
	Recovery	-0.2	3.8	1.7	-1.9	0.1	1.6	1.2	3.5	20.3	12.3	1.4	-4.2
	Recovery	0.8	2.2	1.4	-1.4	-1.4	1.8	2.2	6.5	19.9	13.6	4.4	1.5
	Recovery	1.5	-4.1	-0.9	-1.2	3.8	-2.4	3.4	9.3	26.2	19.9	11.4	4.8
	Recovery	1.3	-0.8	-0.4	-0.3	1.4	-1.4	3.6	8.9	21.2	16.0	7.2	2.2



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / Male / 167 Cm / 73 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	63	342	78	49	397	149	1222	-1406	597	-37	avL	-13	0.00	0	0
01 : 00	84	160	82	52	456	278	1328	-1400	631	-54	avL	-106	0.00	0	0
01 : 30	95	156	82	54	472	279	1321	-1463	583	-23	avL	-58	0.00	0	0
02 : 00	99	118	84	48	456	257	1313	-1497	492	-22	avL	-32	0.00	0	0
02 : 30	105	110	86	51	420	258	1331	-1547	517	-18	avL	-102	0.00	0	0
03 : 00	109	92	84	60	416	307	1306	-1578	511	-50	avL	-49	0.00	0	0
03 : 30	109	168	64	48	460	358	1379	-1611	567	-81	avL	-41	0.00	0	0
04 : 00	108	178	84	52	413	357	1336	-1613	609	-43	avL	-149	0.00	0	0
04 : 30	114	170	84	54	459	293	1359	-1634	621	-160	III	-89	0.00	0	0
05 : 00	117	152	84	50	410	426	1324	-1639	530	-278	III	-175	0.00	0	0
05 : 30	123	148	64	42	475	364	1413	-1625	588	-180	III	-194	0.00	0	0
06 : 00	121	150	86	60	464	313	1439	-1708	527	34	avL	-51	0.00	0	0
06 : 30	126	148	86	40	430	410	1411	-1694	503	-422	V6	-130	0.00	0	0
07 : 00	132	138	64	39	469	294	1429	-1723	510	-462	V6	-129	0.00	0	0
07 : 30	139	132	62	66	439	489	1441	-1809	510	-544	V6	-289	0.00	0	0
08 : 00	136	124	70	56	437	407	1408	-1842	520	-551	V6	-240	0.00	0	0
08 : 30	127	128	64	56	456	394	1555	-1743	613	-466	V6	-127	0.00	0	0
09 : 00	116	114	86	62	422	361	1578	-1757	661	-22	avL	-93	0.00	0	0
09 : 30	110	166	86	58	440	353	1691	-1752	667	0	avL	-73	0.00	0	0
10 : 00	109	170	64	61	447	356	1756	-1754	654	-62	III	-68	0.00	0	0
10 : 30	105	178	64	65	443	335	1722	-1726	599	-367	V6	-40	0.00	0	0
11 : 00	102	184	84	64	459	338	1693	-1683	635	-131	III	-119	0.00	0	0
11 : 30	102	190	86	56	446	257	1730	-1636	600	-100	II	-66	0.00	0	0
12 : 00	100	194	84	61	454	311	1603	-1631	563	18	V1	-28	0.00	0	0
12 : 30	100	192	84	64	453	279	1639	-1595	554	-20	avL	-32	0.00	0	0

**Aarogyam Diagnostics**

Patna-20

**Median Measurement Summary**



1911 / MR. NIRBHAY KUMAR TIWARY / 45 Yrs / Male / 167 Cm / 73 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 (%)	Missed Beats (Counts)
13:00	101	196	84	63	443	274	1556	-1576	497	-33	III	-97	0.00	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

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<b>Date</b>	<b>08/04/2023</b>	<b>Srl No.</b>	<b>19</b>	<b>Patient Id</b>	<b>2304080019</b>
<b>Name</b>	<b>Mr. NIRBHAY KUMAR TIWARY</b>	<b>Age</b>	<b>45 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	5.2	%	

**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**

(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</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.5	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 15
R B C COUNT	4.78	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	40.05	%	40 - 54
M C V	83.79	fl.	80 - 100
M C H	28.24	Picogram	27.0 - 31.0
M C H C	33.7	gm/dl	33 - 37
PLATELET COUNT	2.26	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	99.8	mg/dl	70 - 110
SERUM CREATININE	1.19	mg%	0.7 - 1.4
BLOOD UREA	24.9	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.8	mg%	3.4 - 7.0
<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	0.69	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	<b>6.5</b>	gm/dl	6.6 - 8.3
ALBUMIN	3.4	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.097</b>		
SGOT	30.2	IU/L	5 - 40
SGPT	31.4	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	128.4	U/L	40.0 - 130.0
GAMMA GT	23.9	IU/L	8.0 - 71.0

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

TRIGLYCERIDES	84.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	109.4	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	49.9	mg/dL	35.1 - 88.0
V L D L	16.9	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	<b>42.6</b>	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.192		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	0.854		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



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

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.030		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		

**MICROSCOPIC EXAMINATION**

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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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



30404100260

**TEST REPORT**

<b>Reg.No</b> : 30404100260	<b>Reg.Date</b> : 09-Apr-2023 11:02	<b>Collection</b> : 09-Apr-2023 11:02
<b>Name</b> : MR. NIRBHAY KUMAR TIWARY	<b>Sex</b> : Male	<b>Received</b> : 09-Apr-2023 11:02
<b>Age</b> : 45 Years	<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA	<b>Report</b> : 09-Apr-2023 13:44
<b>Referral Dr</b> : □	<b>Status</b> : Final	<b>Dispatch</b> : 09-Apr-2023 14:04
		<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID PROFILE</b>			
Tri-iodothyronine (Total T3) <i>Method:CLIA</i>	1.41	ng/mL	0.60 - 1.81
Thyroxin (Total T4) <i>Method:CLIA</i>	9.60	µg/dL	4.5 - 12.6
Thyroid Stimulating Hormone (TSH.) <i>Method:CLIA</i> Ultra Sensitive	3.382	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 uU/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 uU/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. Mandeep Bedi**

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