



भारत सरकार

Government of India



तपन कुमार प्रधान  
Tapan Kumar Pradhan

जन्म तिथि / DOB: 21/07/1980

पुरुष / Male

7829 5532 2797



मेरा आधार, मेरी पहचान

10-4517

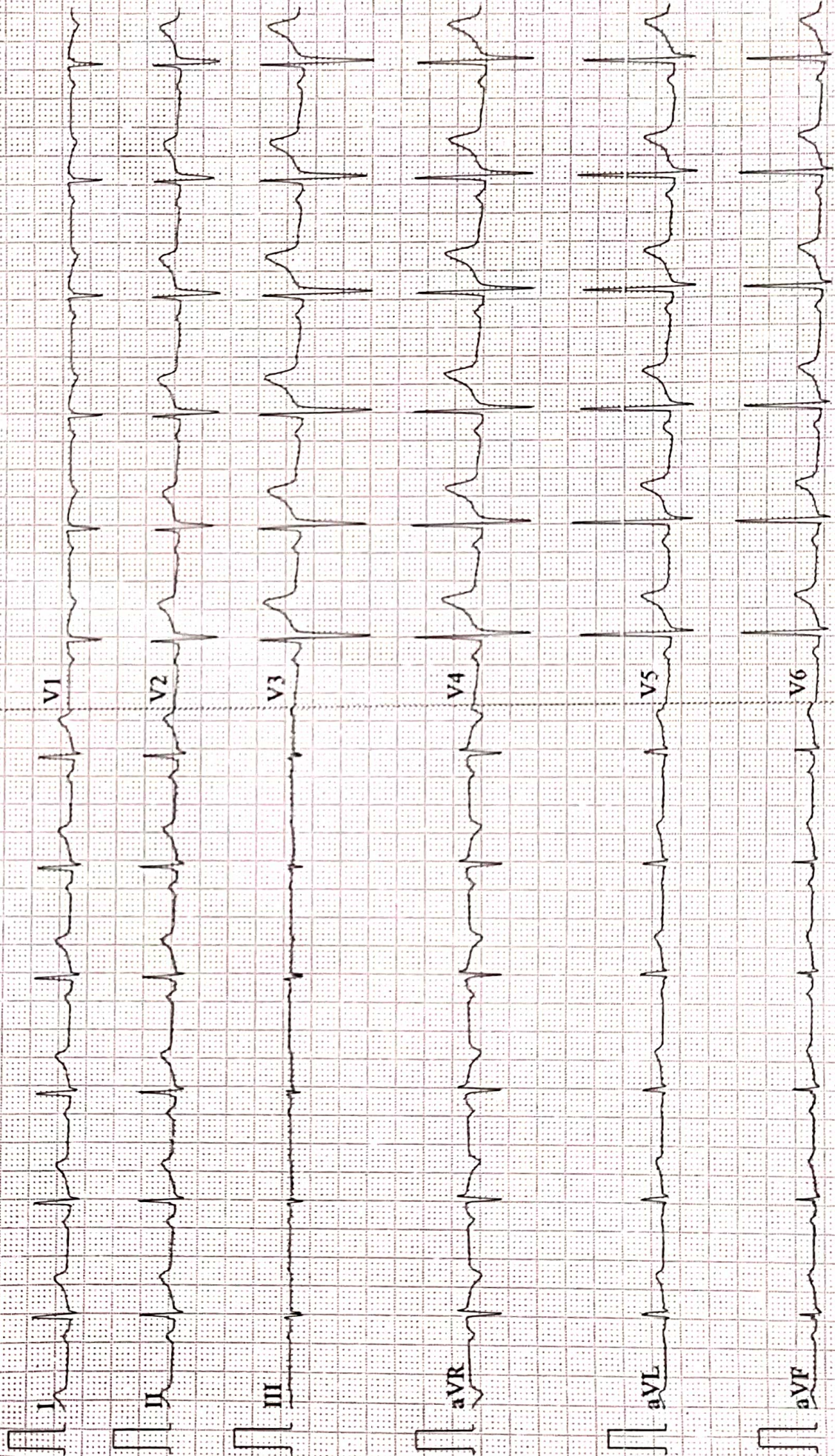
TAPAN KR. PRADHAN  
Male 42Years

Diagnosis Information:

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

HR : 73 bpm  
P : 101 ms  
PR : 158 ms  
QRS : 78 ms  
QT/QTc : 374/414 ms  
P/QRS/T : 47/19/25 °  
RV5/SV1 : 1.617/0.574 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 :- TAPAN KUMAR PRADHAN

Age/Sex:- 41yrs/M

Refd by :- BOB

Date :-26/02/23

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Enlarged in size (16.6cm) 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(11.6cm) 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 10.9cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (13.0cc)& 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. U. Kumar*  
**MBBS, MD(Radiology)**  
**Consultant Radiologist**



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Date	26/02/2023	Srl No.	3	Patient Id	2302260003
Name	Mr. TAPAN KUMAR PRADHAN	Age	42 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.6	%	

**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>26/02/2023</b>	<b>Srl No.</b>	<b>3</b>	<b>Patient Id</b>	<b>2302260003</b>
<b>Name</b>	<b>Mr. TAPAN KUMAR PRADHAN</b>	<b>Age</b>	<b>42 Yrs.</b>	<b>Sex</b>	<b>M</b>
<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)	6,900	/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	4.81	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	40.5	%	40 - 54
M C V	84.2	fl.	80 - 100
M C H	28.07	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.35	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	<b>117.9</b>	mg/dl	70 - 110
SERUM CREATININE	1.01	mg%	0.7 - 1.4
BLOOD UREA	21.9	mg /dl	15.0 - 45.0
SERUM URIC ACID	6.2	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



<b>Date</b>	<b>26/02/2023</b>	<b>Srl No. 3</b>	<b>Patient Id 2302260003</b>
<b>Name</b>	<b>Mr. TAPAN KUMAR PRADHAN</b>	<b>Age 42 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.69	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.26	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.43	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	24.1	IU/L	5 - 40
SGPT	26.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	105.1	U/L	40.0 - 130.0
GAMMA GT	23.9	IU/L	8.0 - 71.0

#### **LFT INTERPRET**

#### **LIPID PROFILE**

TRIGLYCERIDES	<b>176.1</b>	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	170.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	53.9	mg/dL	35.1 - 88.0
V L D L	<b>35.22</b>	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	81.78	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.171		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.517		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



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<b>Name</b>	<b>Mr. TAPAN KUMAR PRADHAN</b>	<b>Age 42 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	1.010		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
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>	<b>Mr. TAPAN KUMAR PRADHAN</b>	<b>Age</b>	<b>42 Yrs.</b>	<b>Sex</b>	<b>M</b>
<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**



**Aarogyam Diagnostics**

Patna-20

1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg Date: 26-Feb-2023 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	84	47 %	110/80	092	00	
Standing	00:11	0:01	00.0	00.0	01.0	86	48 %	110/80	094	00	
HV	00:26	0:01	00.0	00.0	01.0	088	49 %	110/80	096	00	
Warm Up	00:40	0:01	01.0	00.0	01.0	086	48 %	110/80	094	00	
ExStart	01:37	0:06	01.7	10.0	01.1	106	60 %	110/80	116	00	
BRUCE/ Stage 1	04:37	3:00	01.7	10.0	04.7	128	72 %	115/75	147	00	
BRUCE/ Stage 2	07:37	3:00	02.5	12.0	07.1	152	85 %	120/90	182	00	
PeakEx	09:36	2:00	03.4	14.0	09.2	174	98 %	130/90	226	00	
Recovery	10:35	1:00	01.1	00.0	01.2	154	87 %	120/90	184	00	
Recovery	11:35	2:00	01.1	00.0	01.0	141	79 %	115/85	162	00	
Recovery	13:10	3:34	01.1	00.0	01.0	125	70 %	110/80	137	00	

**Findings :**

Exercise Time : 08:00  
Max HR Attained : 174 bpm 98% of Target 178  
Max BP Attained : (Sys) 130/90  
Max WorkLoad Attained : 9.2 Good response to induced stress  
Max ST Dep Lead & Value : avL & -2.3 mm in Stage 2 mm  
Test End Reasons : Fatigue, Leg Pain

**Report :**

**Aarogyam Diagnostics**

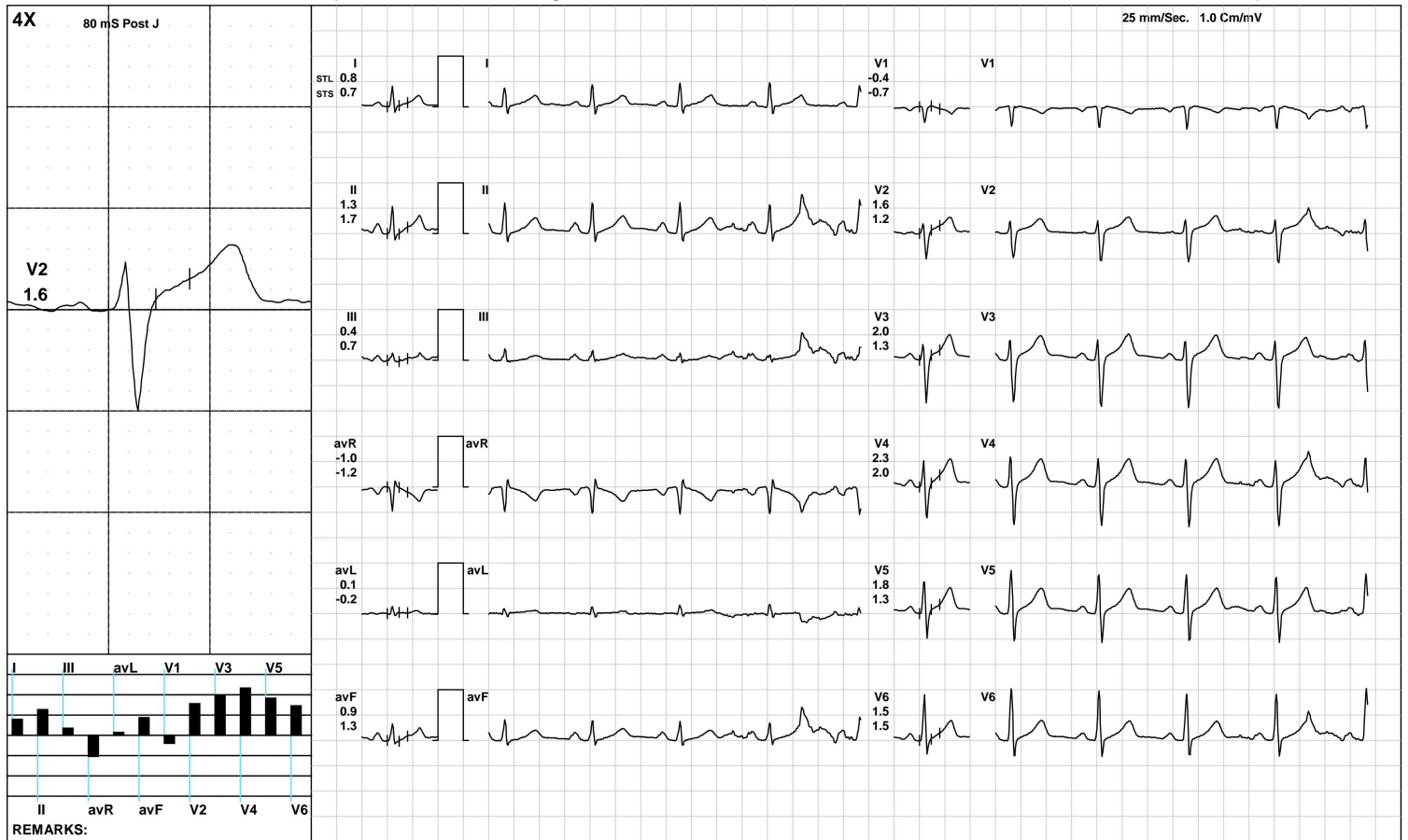
1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 84

Supine



Date: 26-Feb-2023 10:56:52 AM METS: 1.0/ 84 bpm 47% of THR BP: 110/80 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**

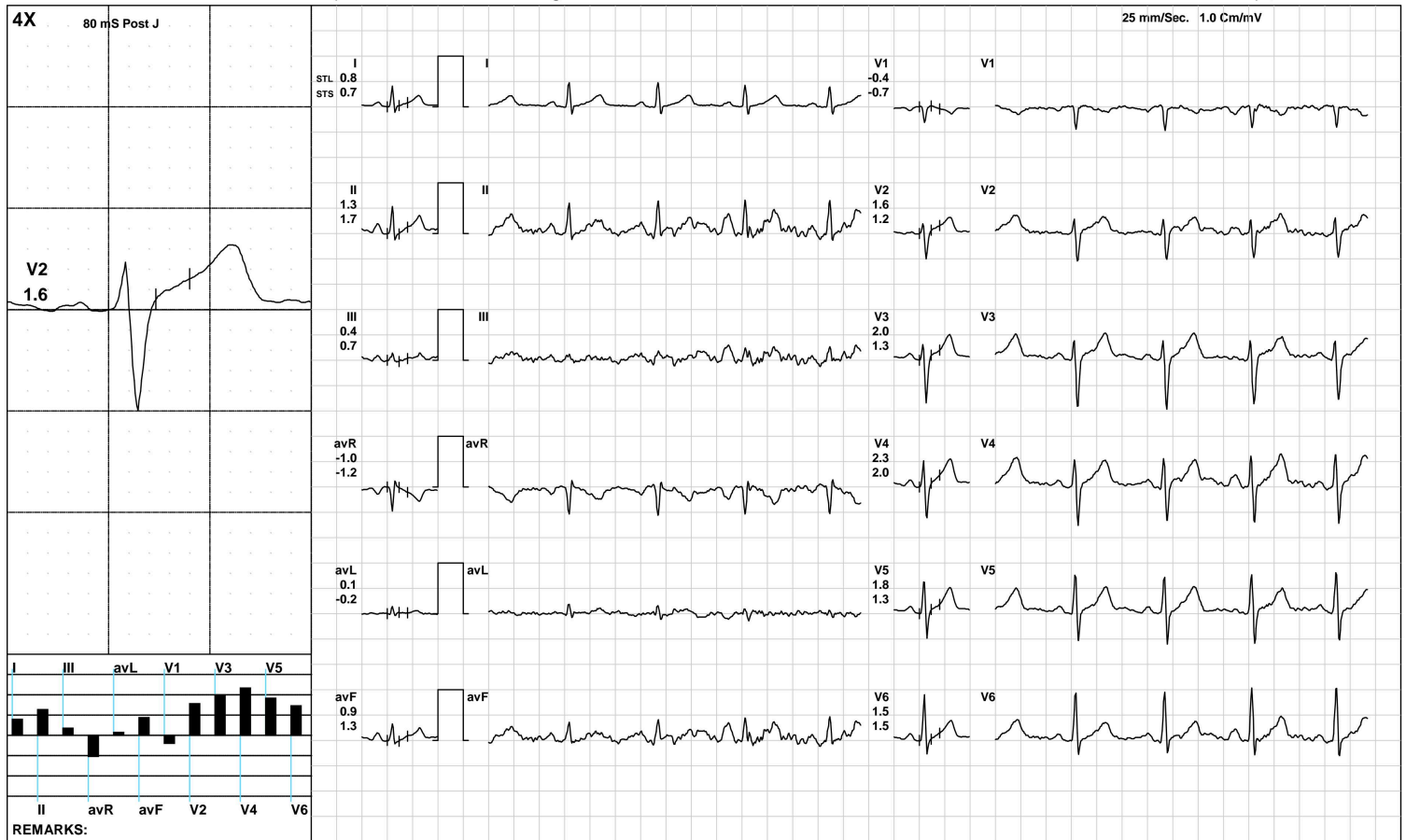
1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 86

**Standing**



Date: 26-Feb-2023 10:56:52 AM METS: 1.0/ 86 bpm 48% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:11 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

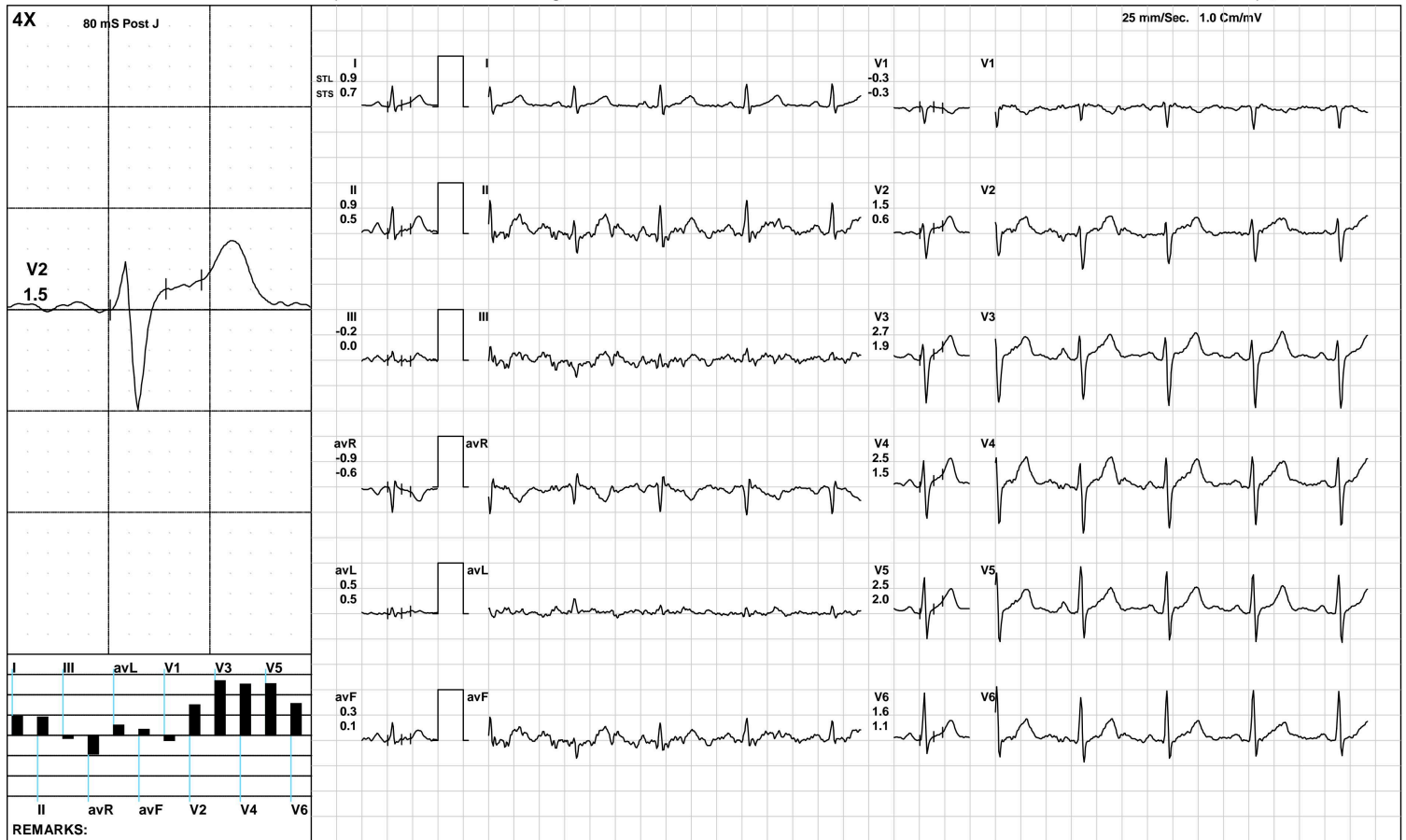
**HV**



1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 88

Date: 26-Feb-2023 10:56:52 AM METS: 1.0/ 88 bpm 49% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:26 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

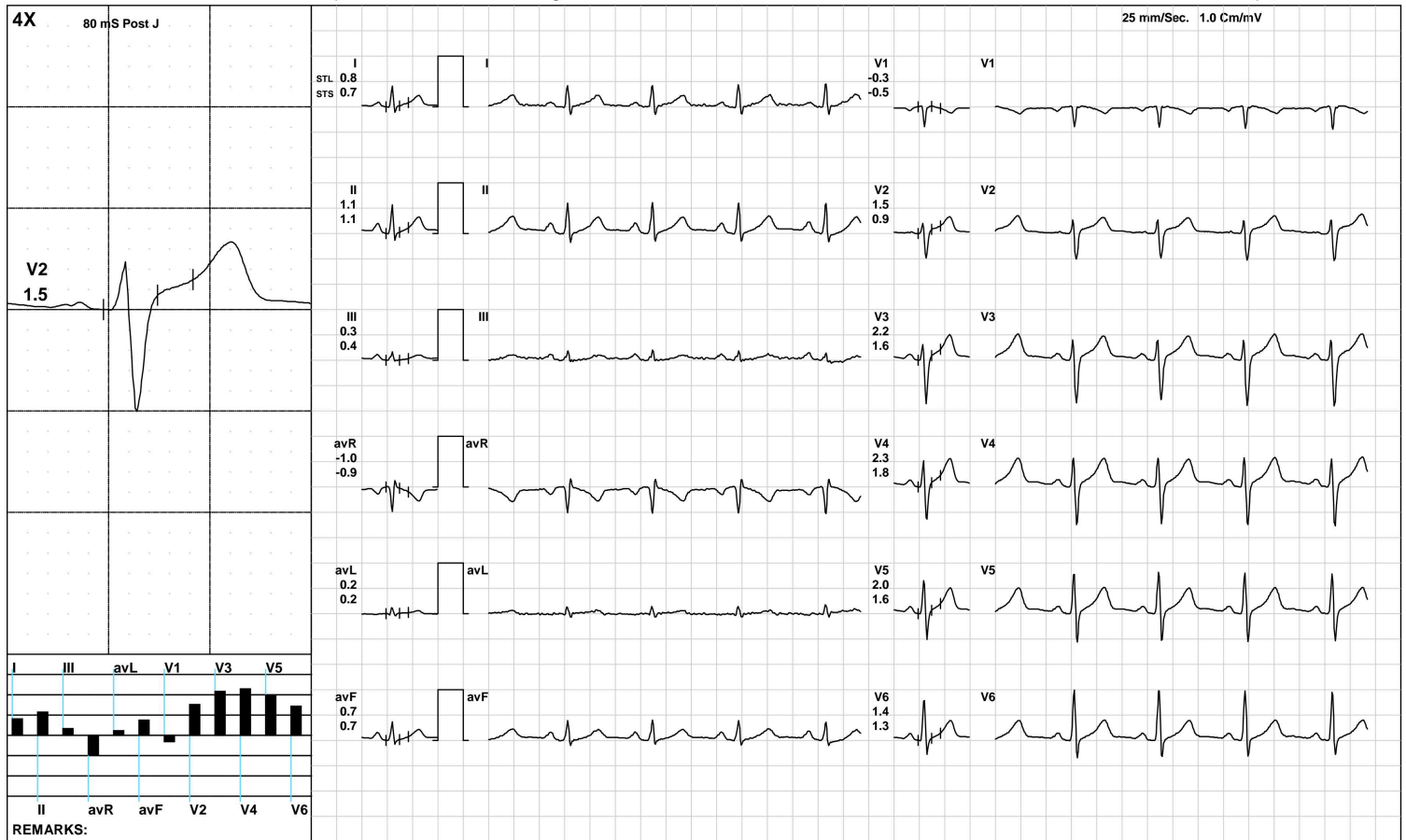
**Warm Up**



1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 86

Date: 26-Feb-2023 10:56:52 AM METS: 1.0/ 86 bpm 48% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:40 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

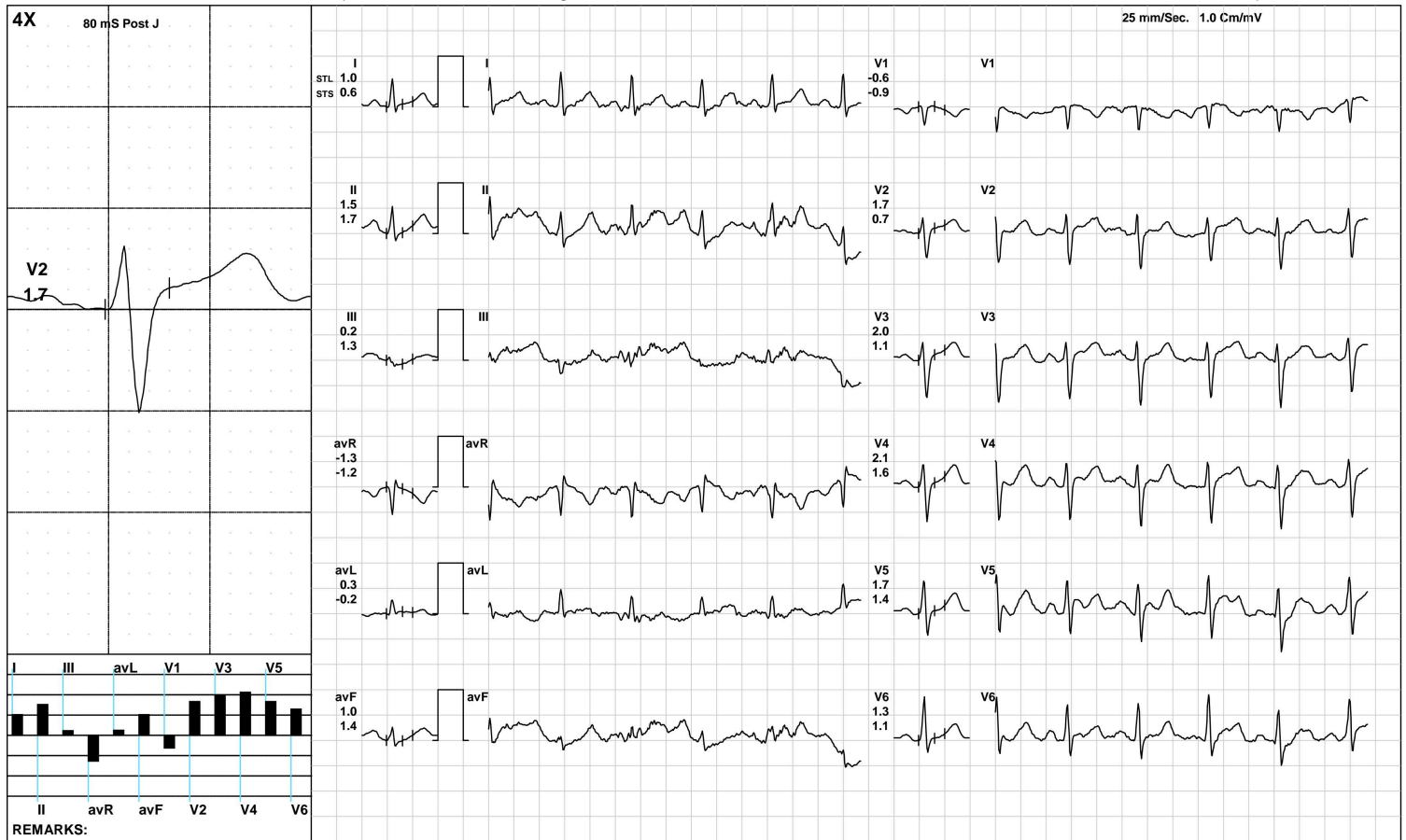
**ExStart**



1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 106

Date: 26-Feb-2023 10:56:52 AM METS: 1.1/ 106 bpm 59% of THR BP: 110/80 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**

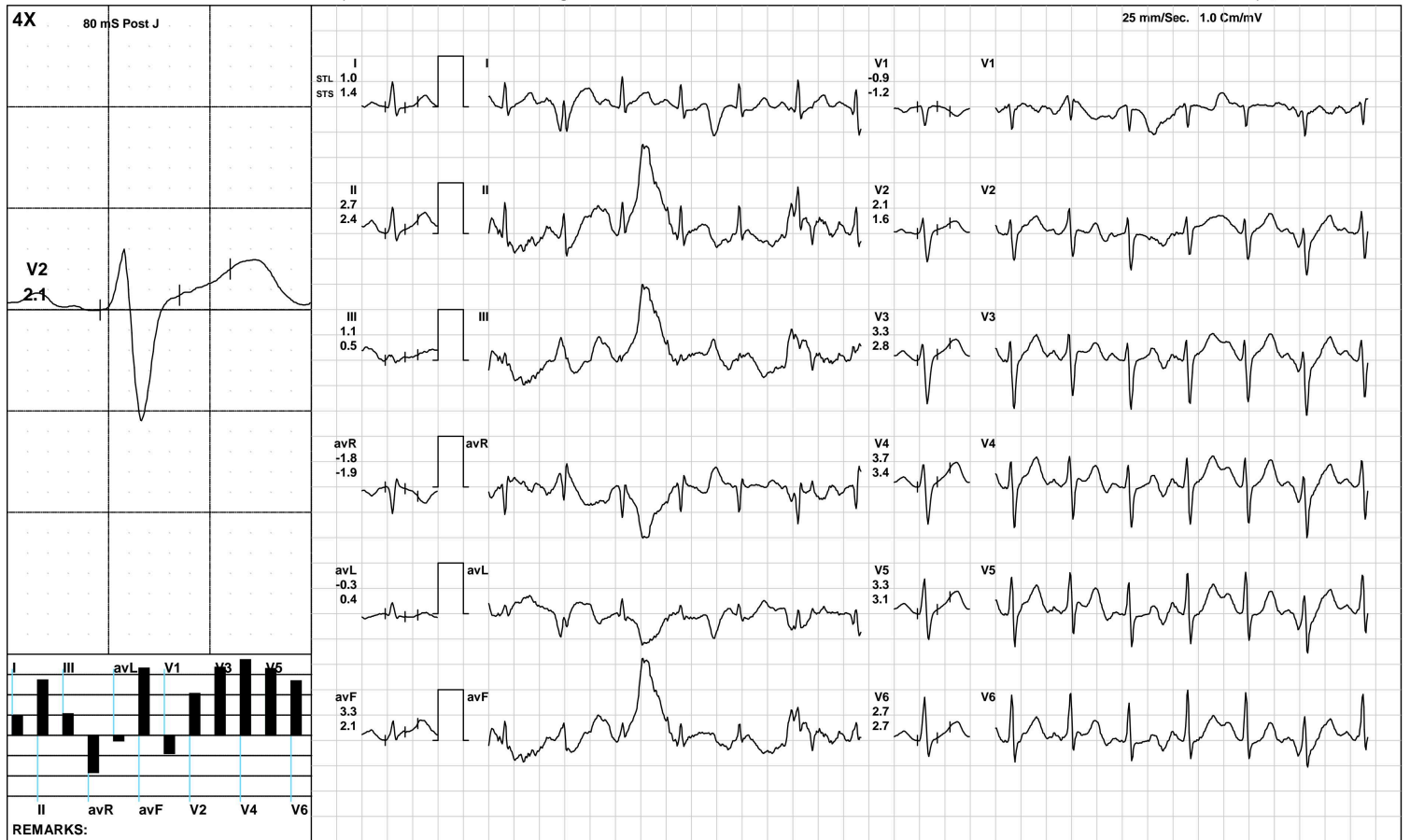
**BRUCE:/Stage 1(3:00)**



1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 128

Date: 26-Feb-2023 10:56:52 AM METS: 4.7/ 128 bpm 71% of THR BP: 115/75 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

**Aarogyam Diagnostics**

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



1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 152

Date: 26-Feb-2023 10:56:52 AM    METS: 7.1/ 152 bpm 85% of THR    BP: 120/90 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**



1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 174

Date: 26-Feb-2023 10:56:52 AM METS: 9.2/ 174 bpm 97% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:59 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 154

**Recovery(1:00)**



Date: 26-Feb-2023 10:56:52 AM METS: 1.2/ 154 bpm 86% of THR BP: 120/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

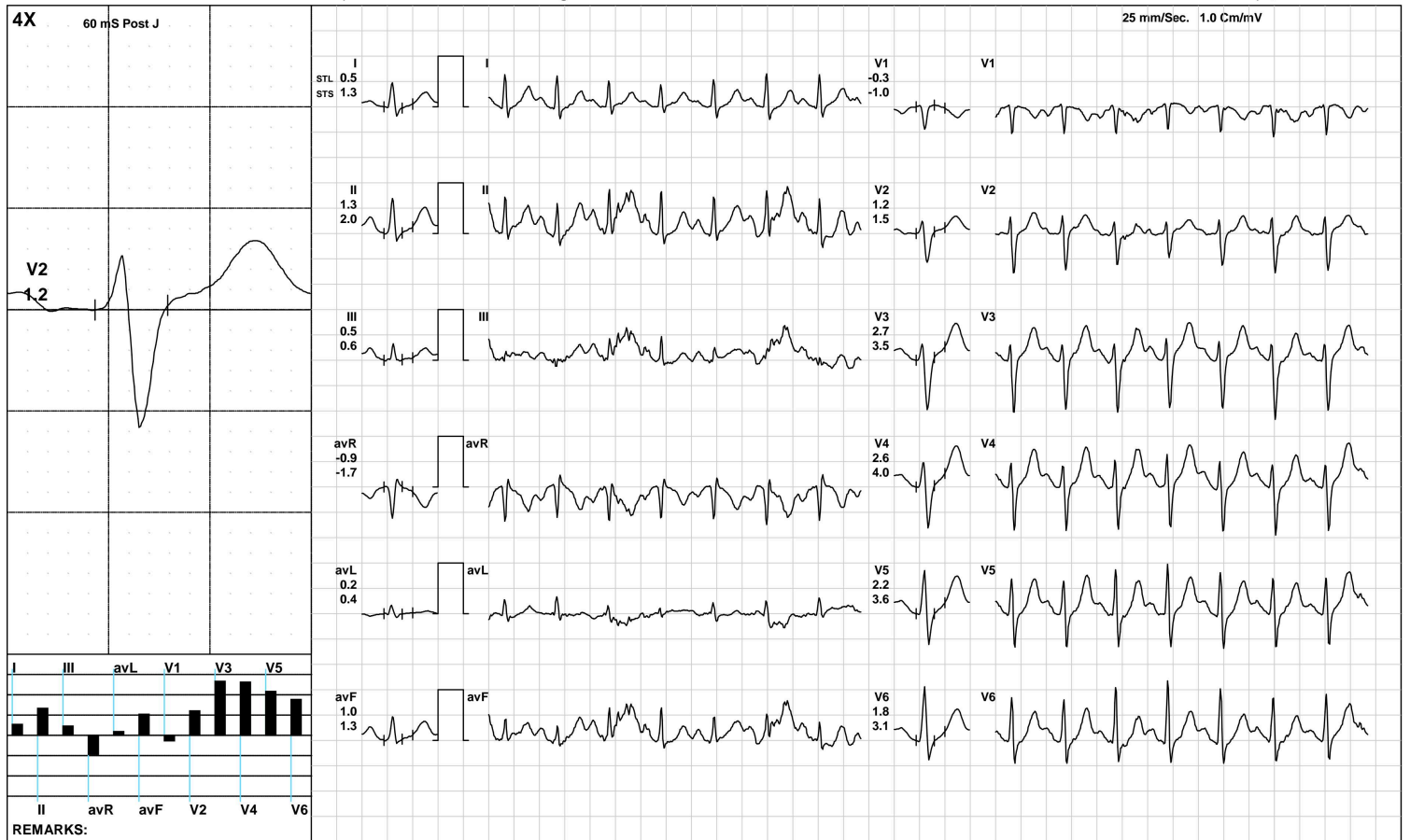
1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 141

**Recovery(2:00)**



Date: 26-Feb-2023 10:56:52 AM METS: 1.0/ 141 bpm 79% of THR BP: 115/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

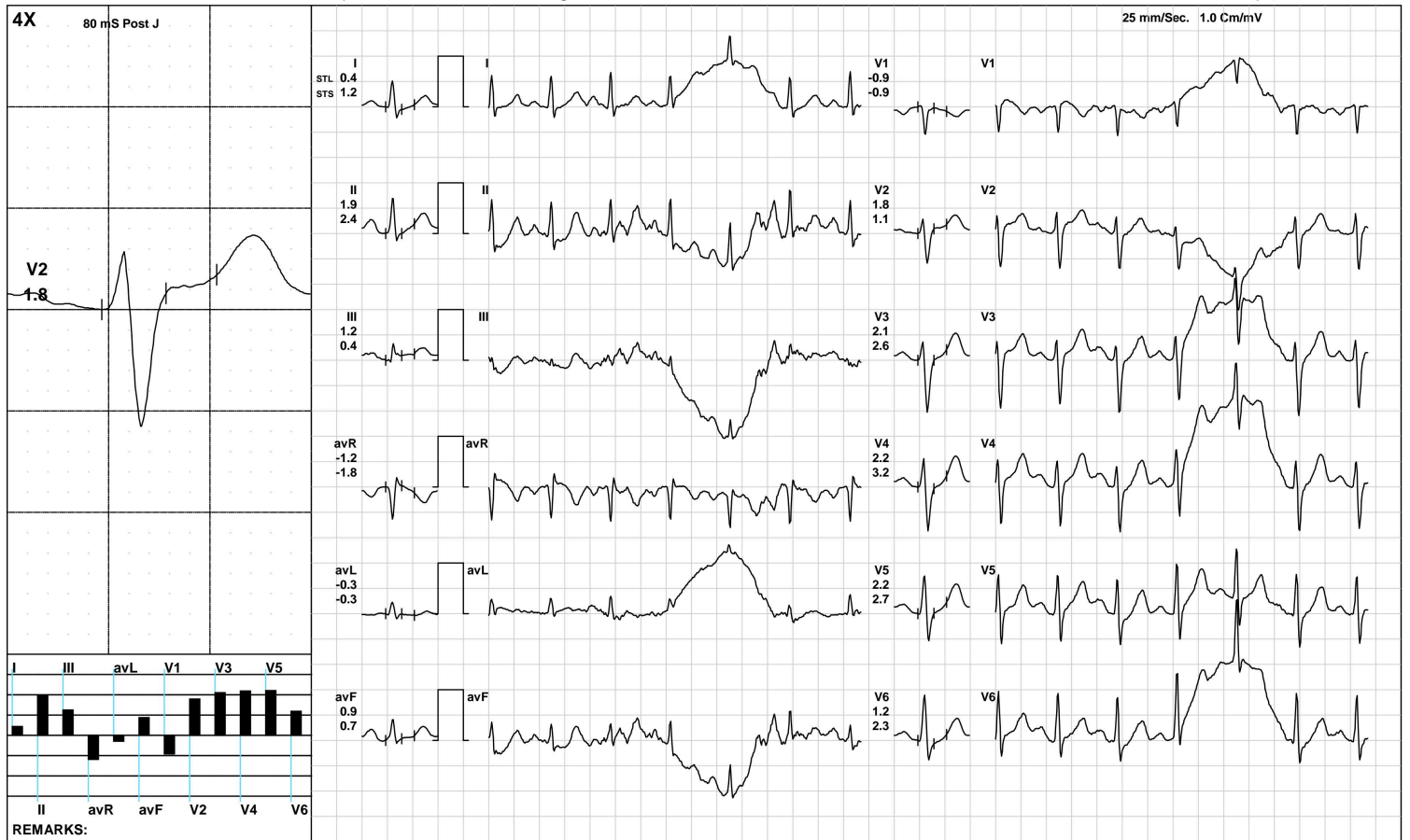
1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 125

**Recovery(3:34)**



Date: 26-Feb-2023 10:56:52 AM METS: 1.0/ 125 bpm 70% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

**ST Measurements**



1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / M / 170 Cms / 84 Kg / HR : 89

Date: 26-Feb-2023 10:56:52 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	1.3	0.4	-1.0	0.1	0.9	-0.4	1.6	2.0	2.3	1.8	1.5	0.7	1.7	0.7	-1.2	-0.2	1.3	-0.7	1.2	1.3	2.0	1.3	1.5	
80 @mS Standing	0.8	1.3	0.4	-1.0	0.1	0.9	-0.4	1.6	2.0	2.3	1.8	1.5	0.7	1.7	0.7	-1.2	-0.2	1.3	-0.7	1.2	1.3	2.0	1.3	1.5	
HV	0.9	0.9	-0.2	-0.9	0.5	0.3	-0.3	1.5	2.7	2.5	2.5	1.6	0.7	0.5	0.0	-0.6	0.5	0.1	-0.3	0.6	1.9	1.5	2.0	1.1	
Warm Up	1.0	1.8	0.6	-1.4	0.2	1.3	-0.6	2.1	2.7	3.2	2.6	2.1	0.8	1.3	0.8	-1.1	0.1	0.9	-0.6	1.2	1.9	2.2	1.9	1.6	
ExStart	1.0	1.5	0.2	-1.3	0.3	1.0	-0.6	1.7	2.0	2.1	1.7	1.3	0.6	1.7	1.3	-1.2	-0.2	1.4	-0.9	0.7	1.1	1.6	1.4	1.1	
Stage 1	1.0	2.7	1.1	-1.8	-0.3	3.3	-0.9	2.1	3.3	3.7	3.3	2.7	1.4	2.4	0.5	-1.9	0.4	2.1	-1.2	1.6	2.8	3.4	3.1	2.7	
Stage 2	-0.3	1.4	1.5	-0.9	-2.3	1.1	0.1	0.6	2.1	2.4	1.5	1.3	0.6	3.2	2.3	-2.0	-1.5	2.8	0.2	1.3	3.0	3.9	3.0	2.6	
PeakEx	0.6	2.3	2.5	-0.5	-0.9	2.0	-0.1	1.4	3.2	3.0	2.2	1.6	1.6	2.0	0.3	-1.9	1.2	1.2	-1.2	1.5	3.5	4.1	4.0	3.5	
Recovery	0.9	1.7	1.2	-1.3	0.0	1.1	-0.5	1.5	3.2	3.5	3.0	2.3	1.8	2.7	1.6	-2.3	-0.2	1.9	-1.3	1.8	4.1	5.1	4.7	4.0	
Recovery	0.5	1.3	0.5	-0.9	0.2	1.0	-0.3	1.2	2.7	2.6	2.2	1.8	1.3	2.0	0.6	-1.7	0.4	1.3	-1.0	1.5	3.5	4.0	3.6	3.1	
Recovery	1.0	2.0	0.7	-1.5	0.1	1.5	-0.7	2.0	3.4	3.9	3.2	2.4	1.2	2.0	0.5	-1.7	0.1	1.4	-1.0	1.8	3.3	4.1	3.7	3.0	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	6.9	9.6	2.3	-8.2	2.0	6.1	-2.6	13.1	18.7	20.1	17.4	12.4
Standing	6.9	9.6	2.3	-8.2	2.0	6.1	-2.6	13.1	18.7	20.1	17.4	12.4
HV	8.4	11.4	1.9	-9.8	2.8	6.0	-3.5	14.8	22.1	23.6	21.0	15.3
Warm Up	9.1	15.3	3.8	-12.1	2.5	10.8	-4.9	17.5	22.6	27.0	21.5	17.9
ExStart	8.4	11.0	-0.1	-9.6	2.9	6.8	-4.4	13.1	15.5	15.9	12.5	9.8
Stage 1	3.9	15.8	6.7	-9.8	-3.7	20.2	-3.8	12.2	19.6	21.0	18.3	14.6
Stage 2	-4.5	2.1	7.6	-1.0	-14.3	1.6	0.9	2.0	8.3	8.0	3.9	2.5
PeakEx	0.3	9.0	13.4	1.0	-7.6	8.8	1.6	4.5	10.8	8.3	3.7	1.3
Recovery	2.2	4.8	3.8	-3.5	0.5	2.8	-0.1	5.8	11.8	11.6	8.7	6.2
Recovery	1.4	5.0	2.2	-3.2	0.5	4.3	0.2	5.1	10.8	9.7	7.3	5.5
Recovery	4.7	9.6	3.7	-7.1	0.6	7.2	-2.4	11.1	17.8	19.7	15.5	11.4

**Aarogyam Diagnostics**

**Median Measurement Summary**



Patna-20

1797 / MR. TAPAN KR. PRADHAN / 42 Yrs / Male / 170 Cm / 84 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) (J & PJ)	(%)	(Counts)	(Counts)
00 : 30	102	114	76	27	346	208	889	-874	558	10 avF	-161	0.00	0
01 : 00	102	150	70	15	475	291	907	-793	506	-64 III	-44	0.00	0
01 : 30	110	184	70	25	478	290	795	-831	452	-20 V1	-36	0.00	0
02 : 00	119	152	68	26	484	249	855	-830	367	-162 avF	-50	0.00	0
02 : 30	123	158	66	37	373	259	891	-852	376	-13 V1	-15	0.00	0
03 : 00	125	154	66	12	349	263	844	-841	448	-31 III	-106	0.00	0
03 : 30	128	134	68	14	374	325	818	-872	441	-30 V1	-45	0.00	0
04 : 00	126	104	66	53	478	281	856	-882	478	-100 avL	-63	0.00	0
04 : 30	130	150	64	68	173	222	868	-929	554	-100 avL	-99	0.00	0
05 : 00	143	136	66	70	354	284	971	-984	506	-28 avL	-92	0.00	0
05 : 30	145	112	86	59	350	286	1097	-934	607	-172 avL	-161	0.00	0
06 : 00	149	118	72	27	365	-1090	845	-1074	-1282	-1087 V6	-1090	0.00	0
06 : 30	152	118	72	65	367	525	916	-949	679	-189 avL	-304	0.00	0
07 : 00	153	110	72	38	360	356	880	-969	520	-121 avL	-352	0.00	0
07 : 30	160	110	64	52	364	325	1028	-1004	559	-144 avL	-124	0.00	0
08 : 00	167	76	70	61	379	408	990	-1073	552	-178 III	-142	0.00	0
08 : 30	172	102	62	12	355	343	922	-1069	621	-156 avL	-101	0.00	0
09 : 00	171	96	72	52	392	1474	959	-1008	1470	-608 V6	-745	0.00	0
09 : 30	174	32	-86	77	48	-1095	736	-1066	-1105	-1079 V4	-1111	0.00	0
10 : 00	156	108	62	45	339	383	913	-984	804	-101 avL	-33	0.00	0
10 : 30	144	104	64	52	359	439	1017	-1053	882	-89 avL	-60	0.00	0
11 : 00	140	126	64	56	337	389	1064	-1031	855	-68 III	-22	0.00	0
11 : 30	133	128	64	39	350	387	980	-995	757	-78 avL	-22	0.00	0
12 : 00	130	134	64	41	463	302	1019	-960	720	-134 avL	-52	0.00	0
12 : 30	128	140	64	44	351	301	1014	-944	653	-9 V1	-17	0.00	0



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



30204100518

**TEST REPORT**

<b>Reg.No</b> : 30204100518	<b>Reg.Date</b> : 27-Feb-2023 12:00	<b>Collection</b> : 27-Feb-2023 12:00
<b>Name</b> : MR. TAPAN KUMAR		<b>Received</b> : 27-Feb-2023 12:00
<b>Age</b> : 42 Years	<b>Sex</b> : Male	<b>Report</b> : 27-Feb-2023 13:47
<b>Referred By</b> : AAROXYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 27-Feb-2023 14:07
<b>Referral Dr</b> : □	<b>Status</b> : Final	<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID PROFILE</b>			
Tri-iodothyronine (Total T3) <i>Method:CLIA</i>	1.65	ng/mL	0.60 - 1.81
Thyroxin (Total T4) <i>Method:CLIA</i>	8.40	µg/dL	4.5 - 12.6
Thyroid Stimulating Hormone (TSH.) <i>Method:CLIA</i> Ultra Sensitive	1.257	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 uIU/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 uIU/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 -----

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