


भारत सरकार
Government of India

Download Date: 15.06.2021



रिजिस्टर नंबर
Rajk Houshan
कम डिजिटल DOB: 15-01-1967
पुरुष MALE

Issue Date: 25.07.2015

3998 8233 5705
VID . 9177 9920 2115 3726

मेरा आधार मेरी पहचान

(4)

3647

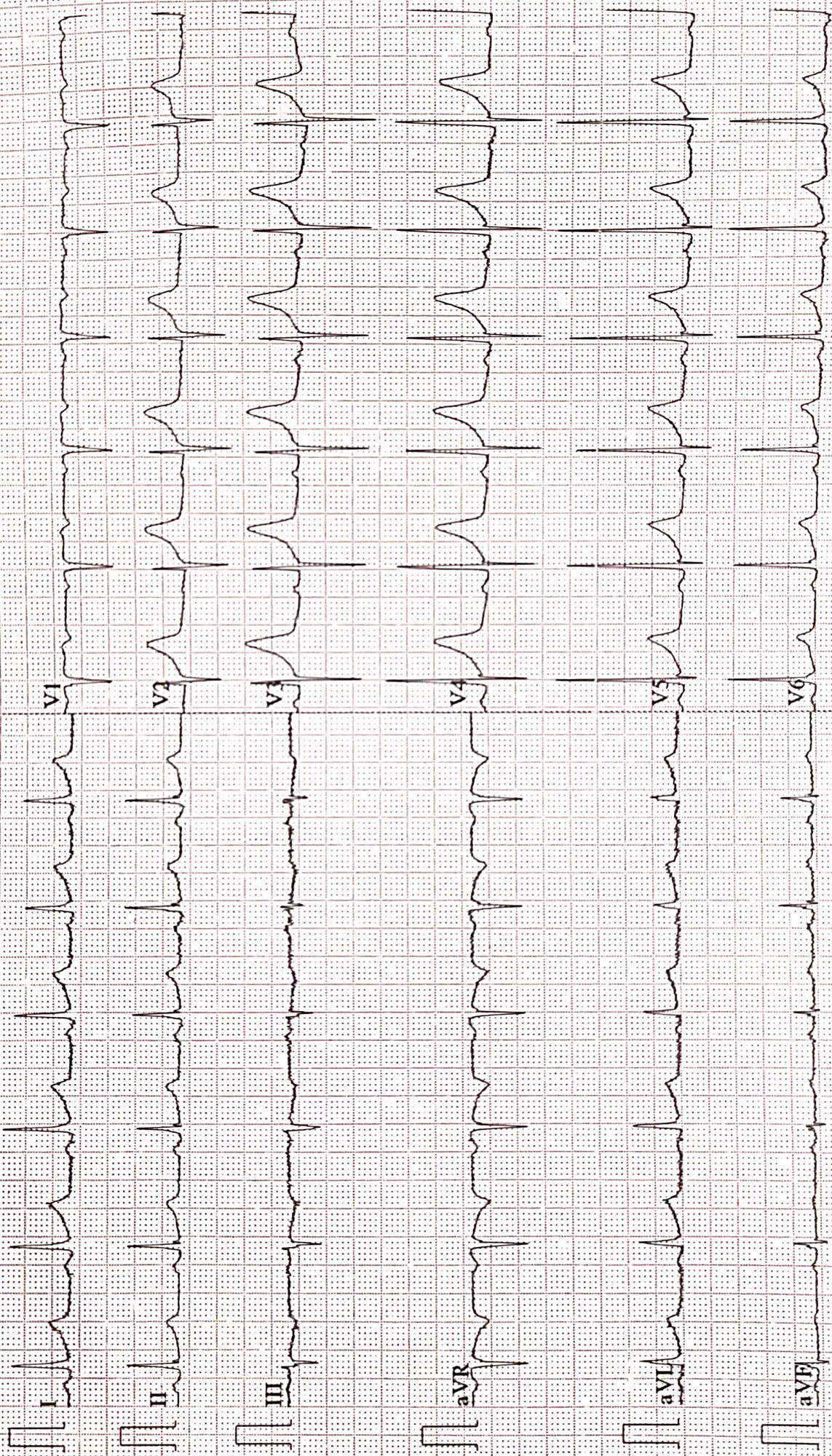
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RITIK ROUSHAN
Male 36Years

Diagnosis Information:
Sinus Rhythm
Prolonged P-wave
QS Wave in lead V1

HR : 74 bpm
P : 112 ms
PR : 164 ms
QRS : 84 ms
QT/QTc : 406/451 ms
P/QRS/T : 53/13/14 °
RV5/SV1 : 2.2/17/0.853 mV

Ref-Phys. :
Report Confirmed by:



0.07~100HZ AC50 25mm/s 10mm/mV 25.0s 74 V2.2 SEMIF V1.81 DIAGNOSTIC



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 :- Ritik Roushan

Age/Sex:- 37Yrs/M

Refd by :- Corp

Date :-19/02/23

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Enlarged in size (18.0cm) 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 (11.4cm) 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 10.9cm and Left Kidney measures 10.8cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder:-** It is echofree. No evidence of calculus, mass or diverticulum is seen.
- U. Bladder:-** It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (17.6CC)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Hepatomegaly with Grade I-II Fatty Changes Liver.
Otherwise normal scan.*

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



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Date	19/02/2023	Srl No.	5	Patient Id	2302190005
Name	Mr. RITIK ROUSHAN	Age	36 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.3	%	

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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Date	19/02/2023	Srl No. 5	Patient Id 2302190005
Name	Mr. RITIK ROUSHAN	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.8	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,300	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 15
R B C COUNT	4.84	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.05	%	40 - 54
M C V	84.81	fl.	80 - 100
M C H	28.51	Picogram	27.0 - 31.0
M C H C	33.6	gm/dl	33 - 37
PLATELET COUNT	2.18	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	92.6	mg/dl	70 - 110
SERUM CREATININE	1.20	mg%	0.7 - 1.4
BLOOD UREA	23.6	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.4	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



Date	19/02/2023	Srl No. 5	Patient Id 2302190005
Name	Mr. RITIK ROUSHAN	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.69	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.25	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.44	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.6	gm/dl	6.6 - 8.3
ALBUMIN	3.5	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	1.129		
SGOT	49.6	IU/L	5 - 40
SGPT	54.1	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	89.5	U/L	40.0 - 130.0
GAMMA GT	24.2	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	98.9	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	164.5	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	51.3	mg/dL	35.1 - 88.0
V L D L	19.78	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	93.42	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.207		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.821		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



Date	19/02/2023	Srl No. 5	Patient Id 2302190005
Name	Mr. RITIK ROUSHAN	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.015		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	0-1	/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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Date	19/02/2023	Srl No.	5	Patient Id	2302190005
Name	Mr. RITIK ROUSHAN	Age	36 Yrs.	Sex	M
Ref. By	Dr.BOB				

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



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg Date: 19-Feb-2023 Technician : ARUN

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:04	0:01	00.0	00.0	01.0	93	51 %	110/70	102	00	
Standing	00:17	0:01	00.0	00.0	01.0	91	49 %	110/70	100	00	
HV	00:34	0:01	00.0	00.0	01.0	085	46 %	110/70	093	00	
Warm Up	00:59	0:01	01.0	00.0	01.0	092	50 %	110/70	101	00	
ExStart	01:11	0:06	01.7	10.0	01.1	095	52 %	110/70	104	00	
BRUCE/ Stage 1	04:11	3:00	01.7	10.0	04.7	120	65 %	115/75	138	00	
BRUCE/ Stage 2	07:11	3:00	02.5	12.0	07.1	139	76 %	120/80	166	00	
PeakEx	08:34	1:23	03.4	14.0	08.5	146	79 %	120/80	175	00	
Recovery	09:33	1:00	01.1	00.0	01.2	137	74 %	115/75	157	00	
Recovery	10:33	2:00	01.1	00.0	01.0	127	69 %	110/70	139	00	
Recovery	12:24	3:50	01.1	00.0	01.0	121	66 %	110/70	133	00	

Findings :

Exercise Time : 07:24
Max HR Attained : 189 bpm 103% of Target 184
Max BP Attained : (Sys) 120/80
Max WorkLoad Attained : 8.5 Fair response to induced stress
Max ST Dep Lead & Value : III & -1.6 mm in ExStart mm
Test End Reasons : Fatigue, Leg Pain

Report :

Aarogam Diagnostics

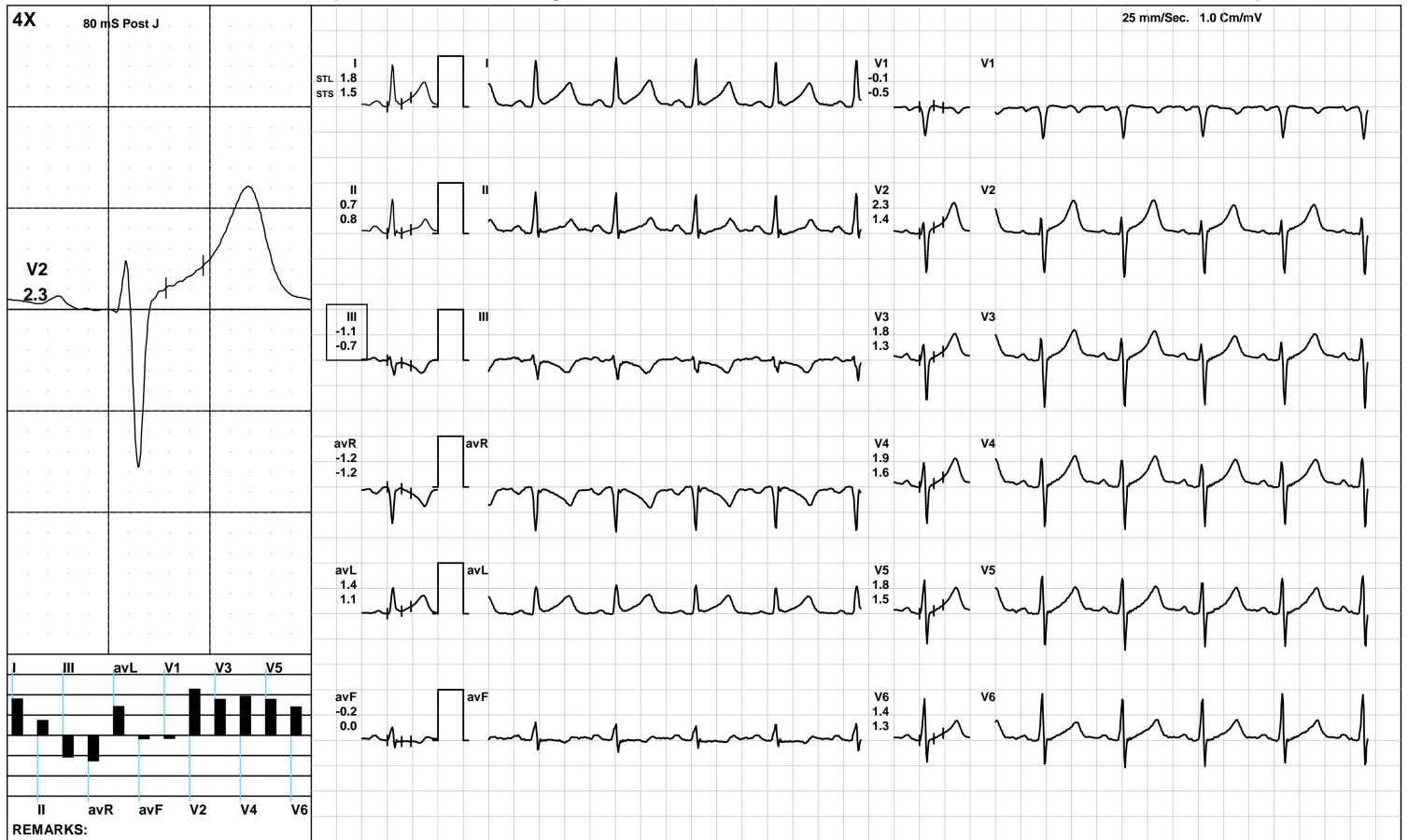
Supine



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 93

Date: 19-Feb-2023 11:49:14 AM METS: 1.0/ 93 bpm 50% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:04 0.0 mph, 0.0%



Aarogyam Diagnostics

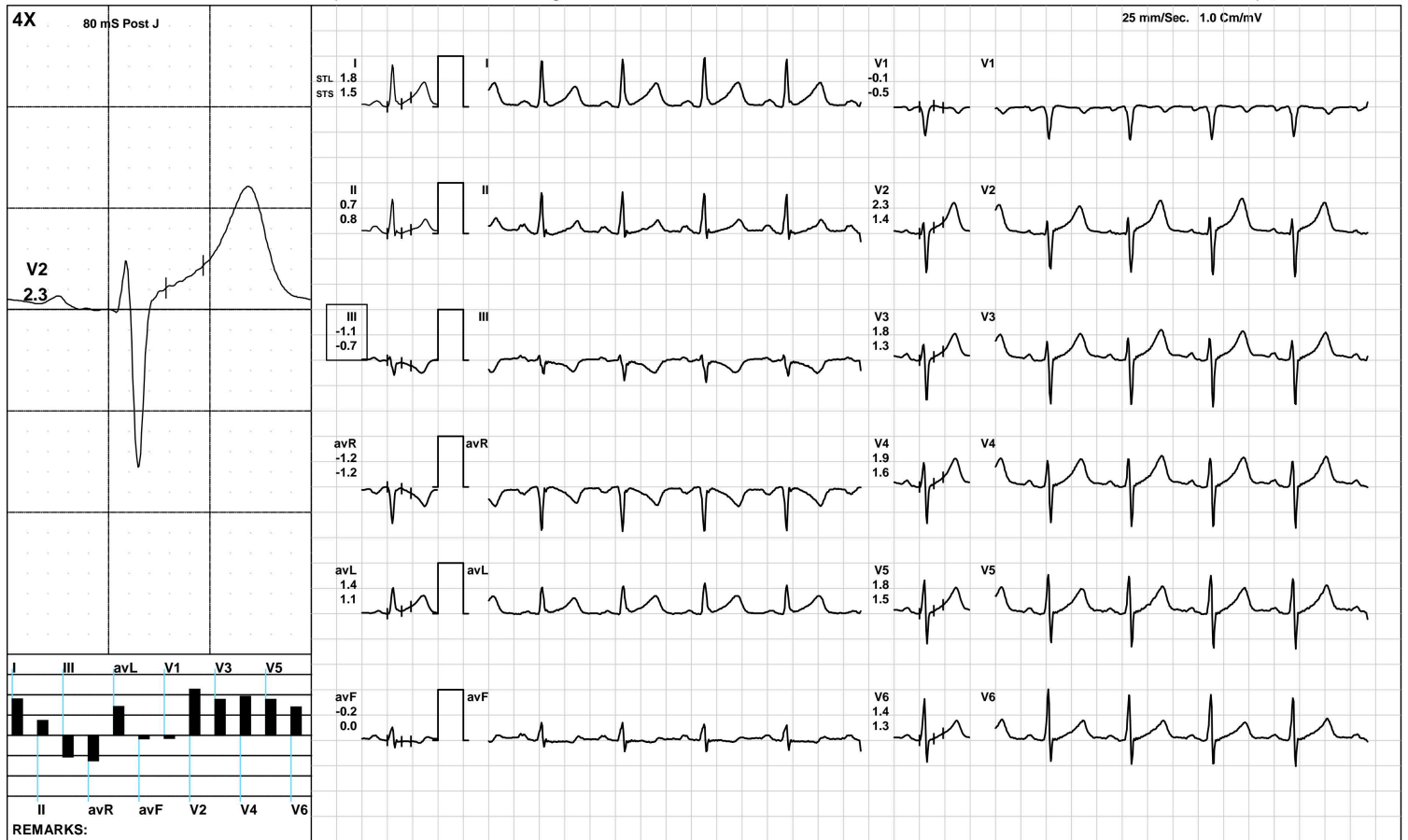
Standing



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 91

Date: 19-Feb-2023 11:49:14 AM METS: 1.0/ 91 bpm 49% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:17 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

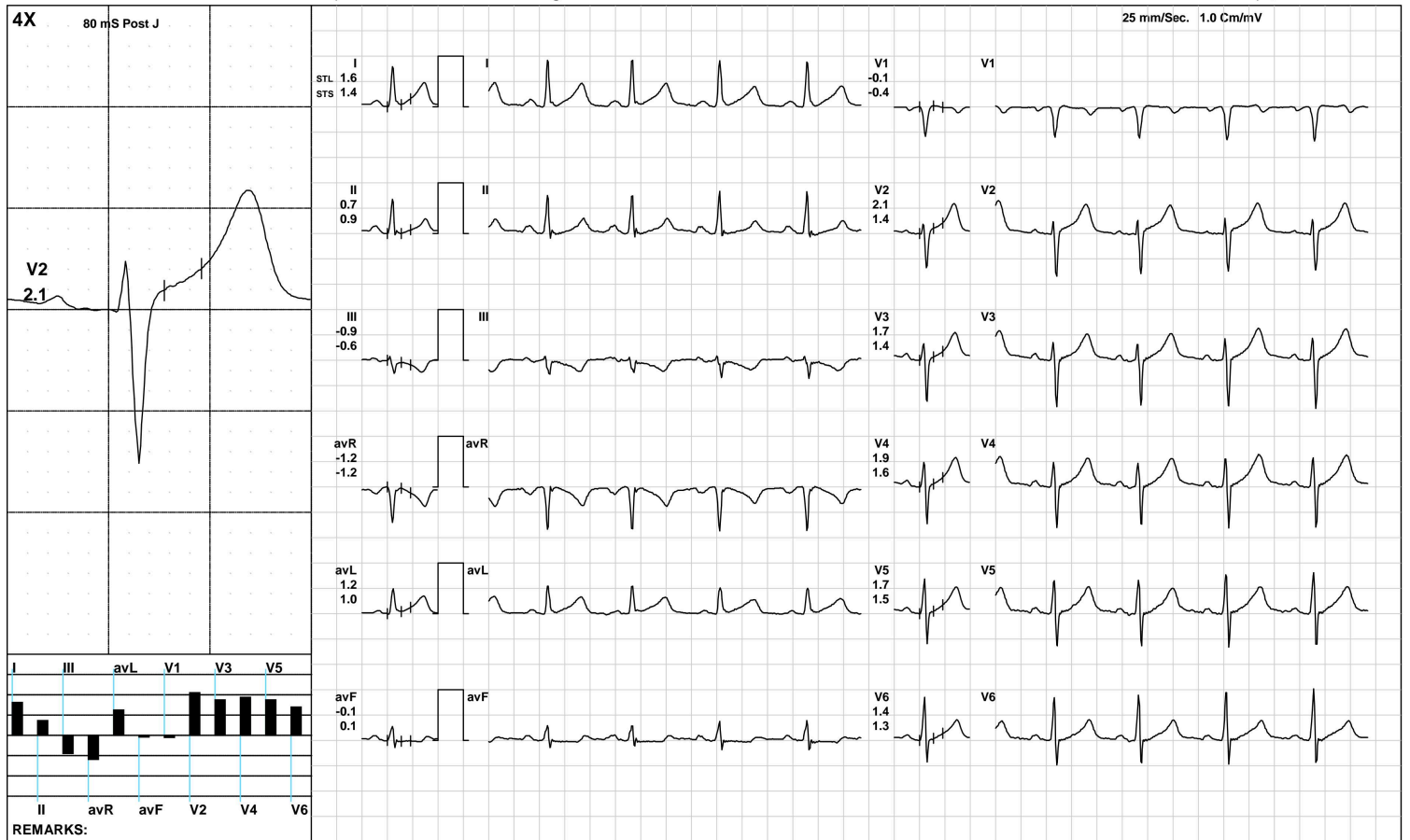
HV



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 85

Date: 19-Feb-2023 11:49:14 AM METS: 1.0/ 85 bpm 46% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:34 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

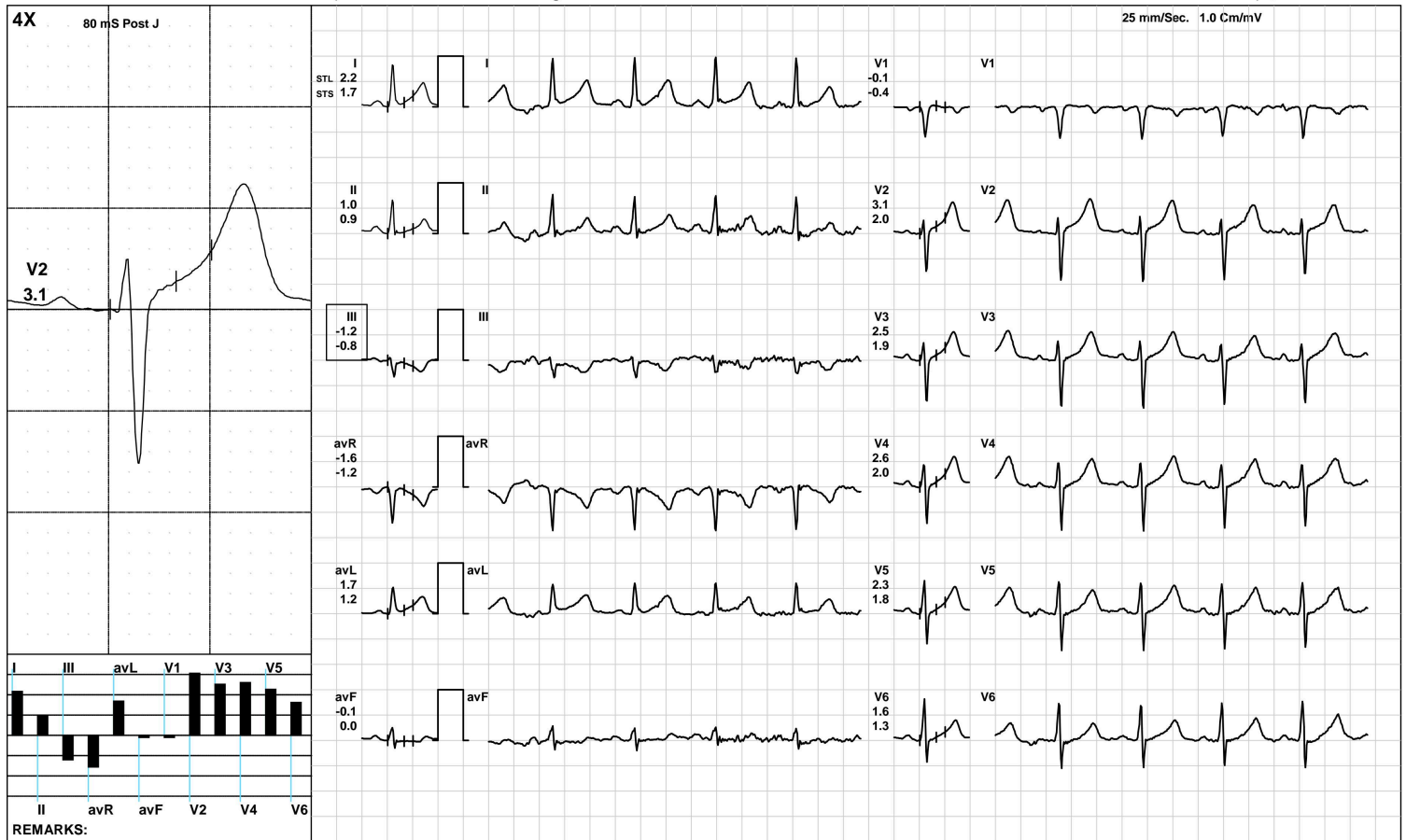
Warm Up



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 92

Date: 19-Feb-2023 11:49:14 AM METS: 1.0/ 92 bpm 50% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:59 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

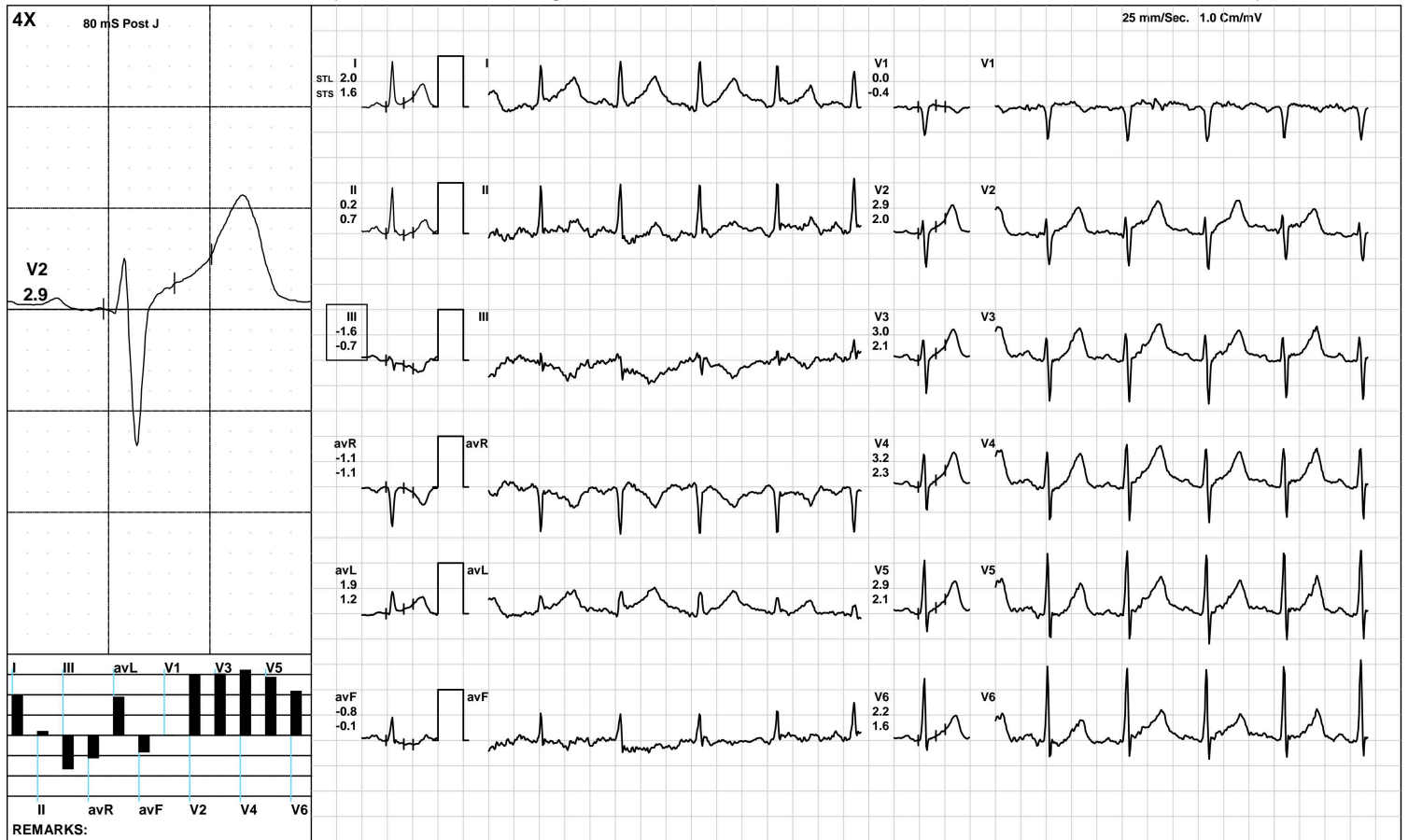
ExStart



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 95

Date: 19-Feb-2023 11:49:14 AM METS: 1.1/ 95 bpm 51% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 1.7 mph, 10.0%

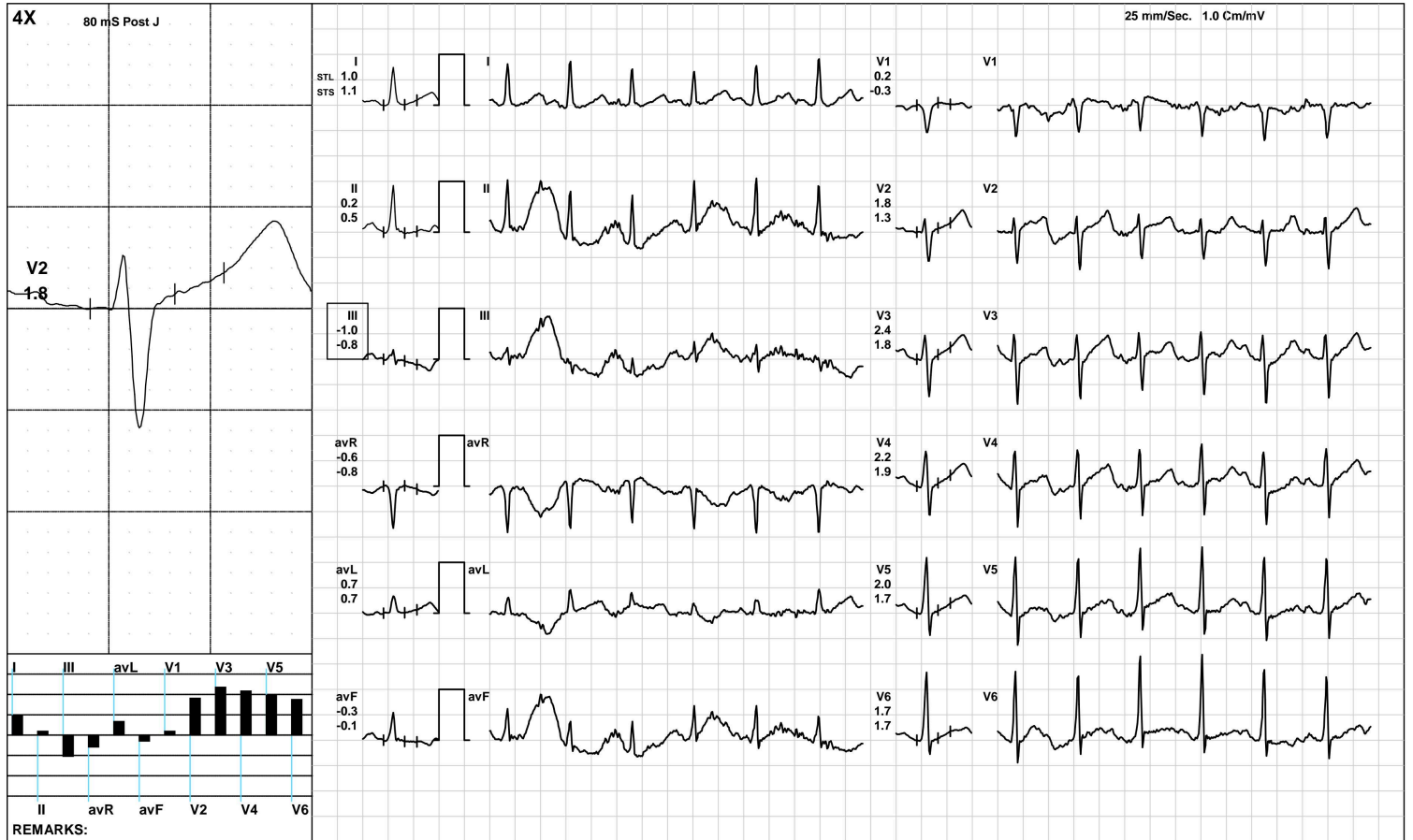




1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 120

Date: 19-Feb-2023 11:49:14 AM METS: 4.7/ 120 bpm 65% 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%



Aarogam Diagnostics

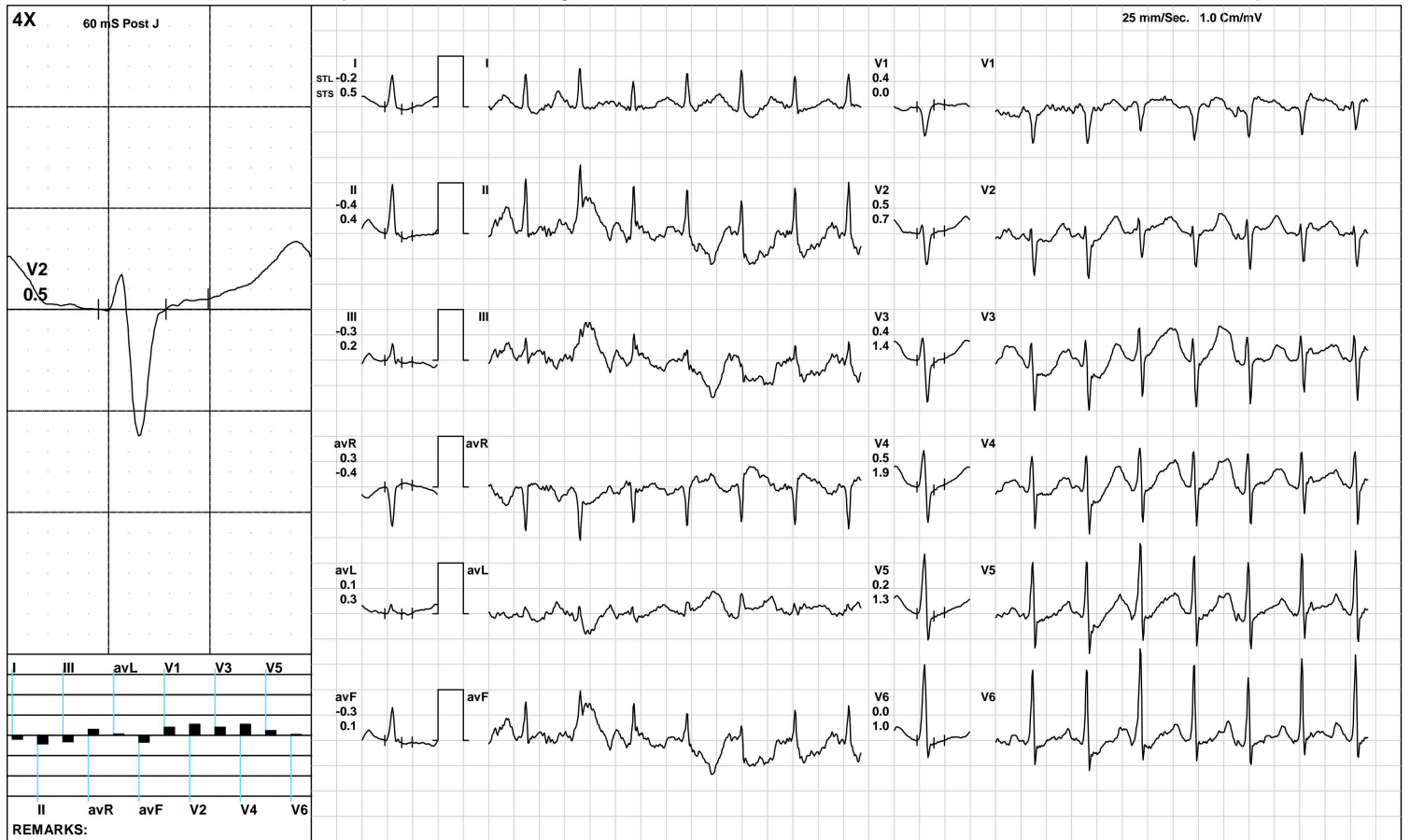
BRUCE/Stage 2(3:00)



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 139

Date: 19-Feb-2023 11:49:14 AM METS: 7.1/ 139 bpm 75% of THR BP: 120/80 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

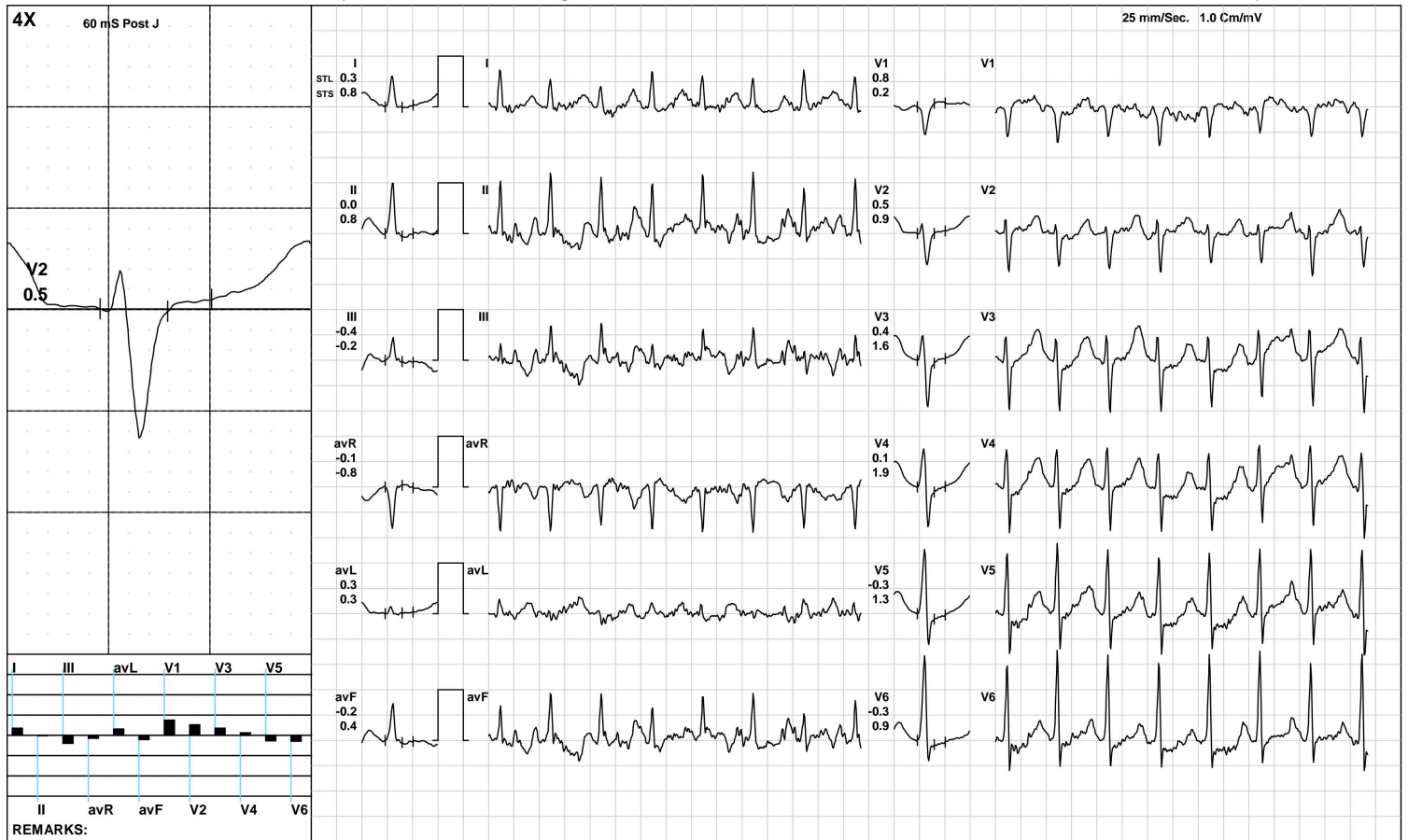
PeakEx



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 146

Date: 19-Feb-2023 11:49:14 AM METS: 8.5/ 146 bpm 79% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:23 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

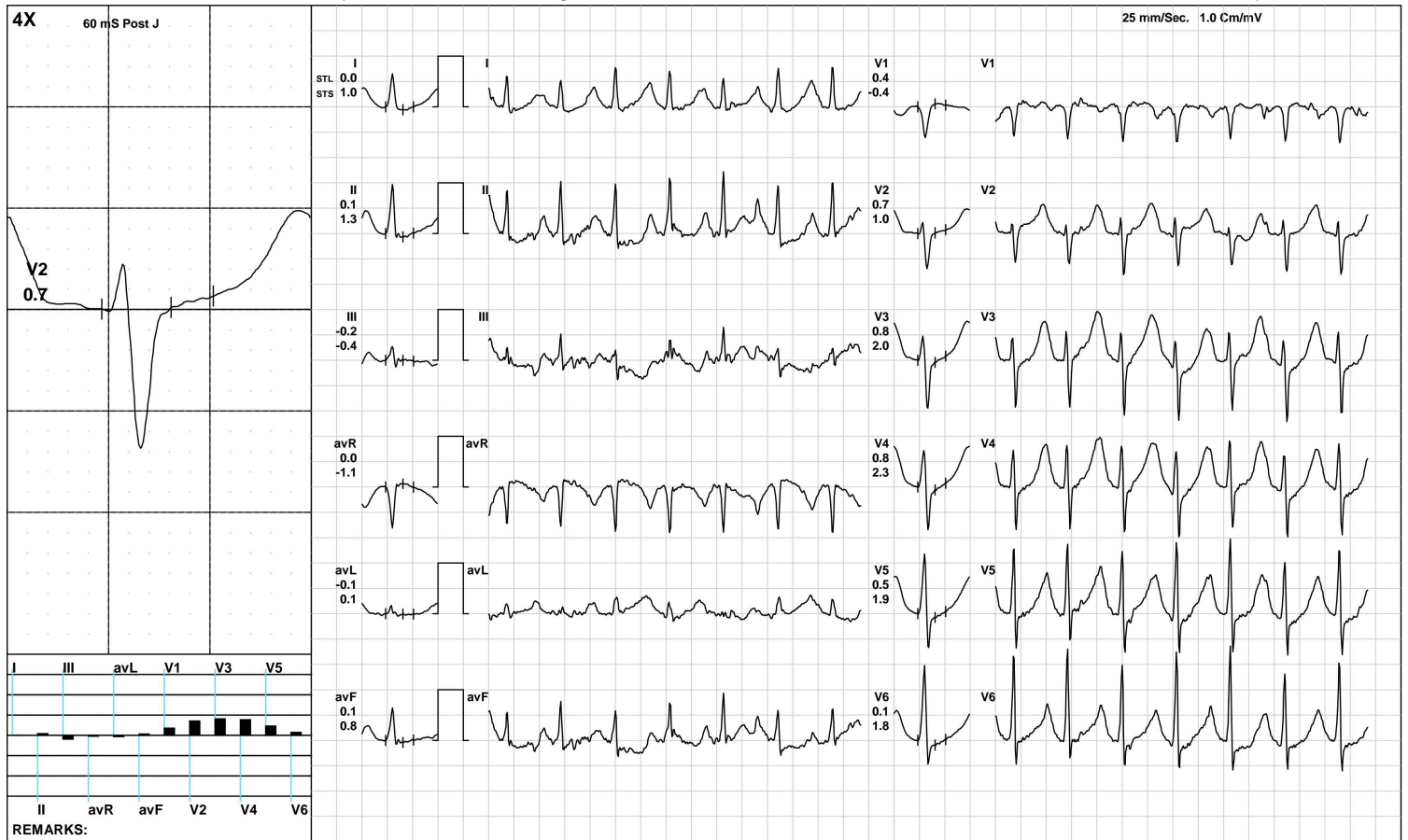
Recovery(1:00)



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 137

Date: 19-Feb-2023 11:49:14 AM METS: 1.2/ 137 bpm 74% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:24 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

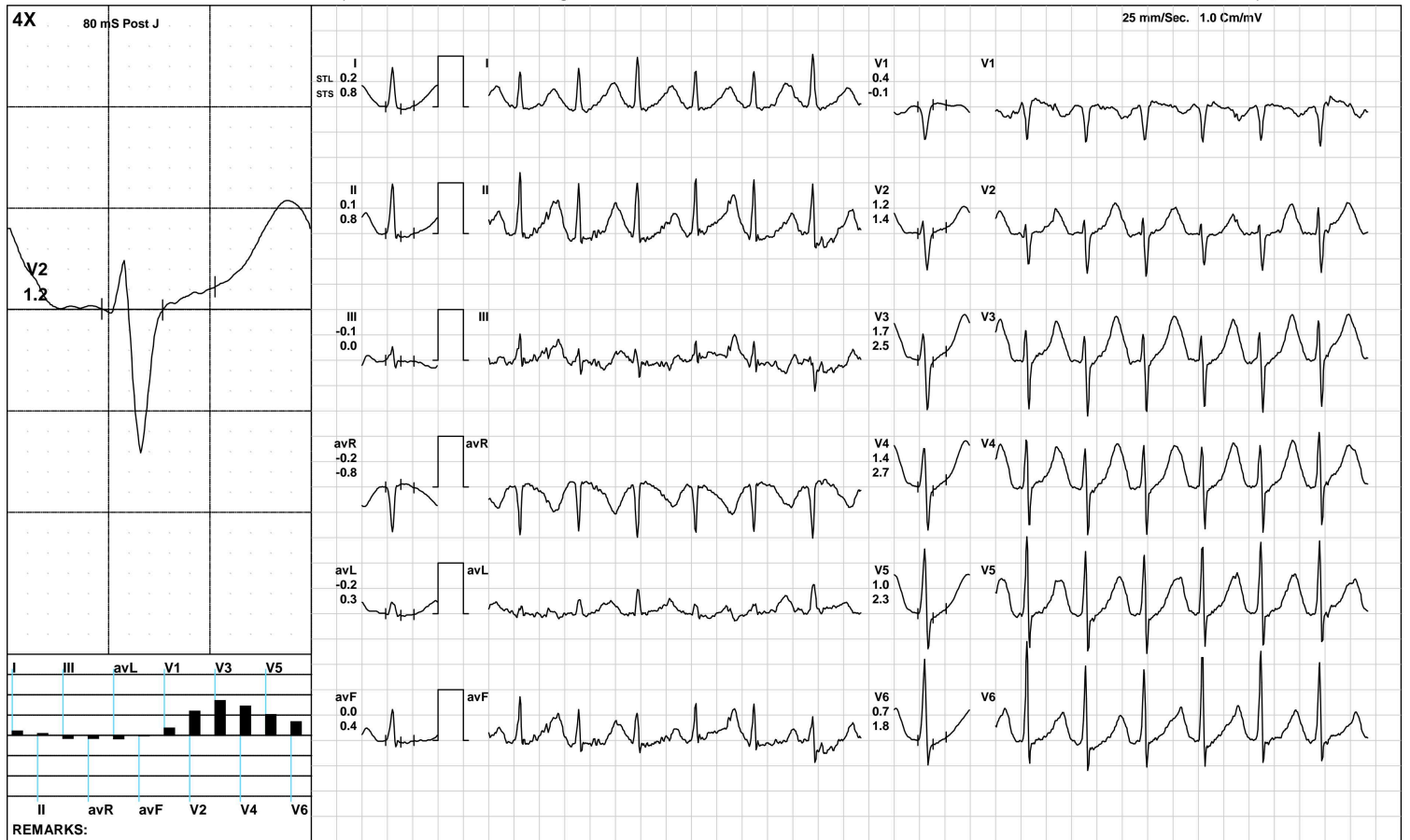
Recovery(2:00)



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 127

Date: 19-Feb-2023 11:49:14 AM METS: 1.0/ 127 bpm 69% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:24 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

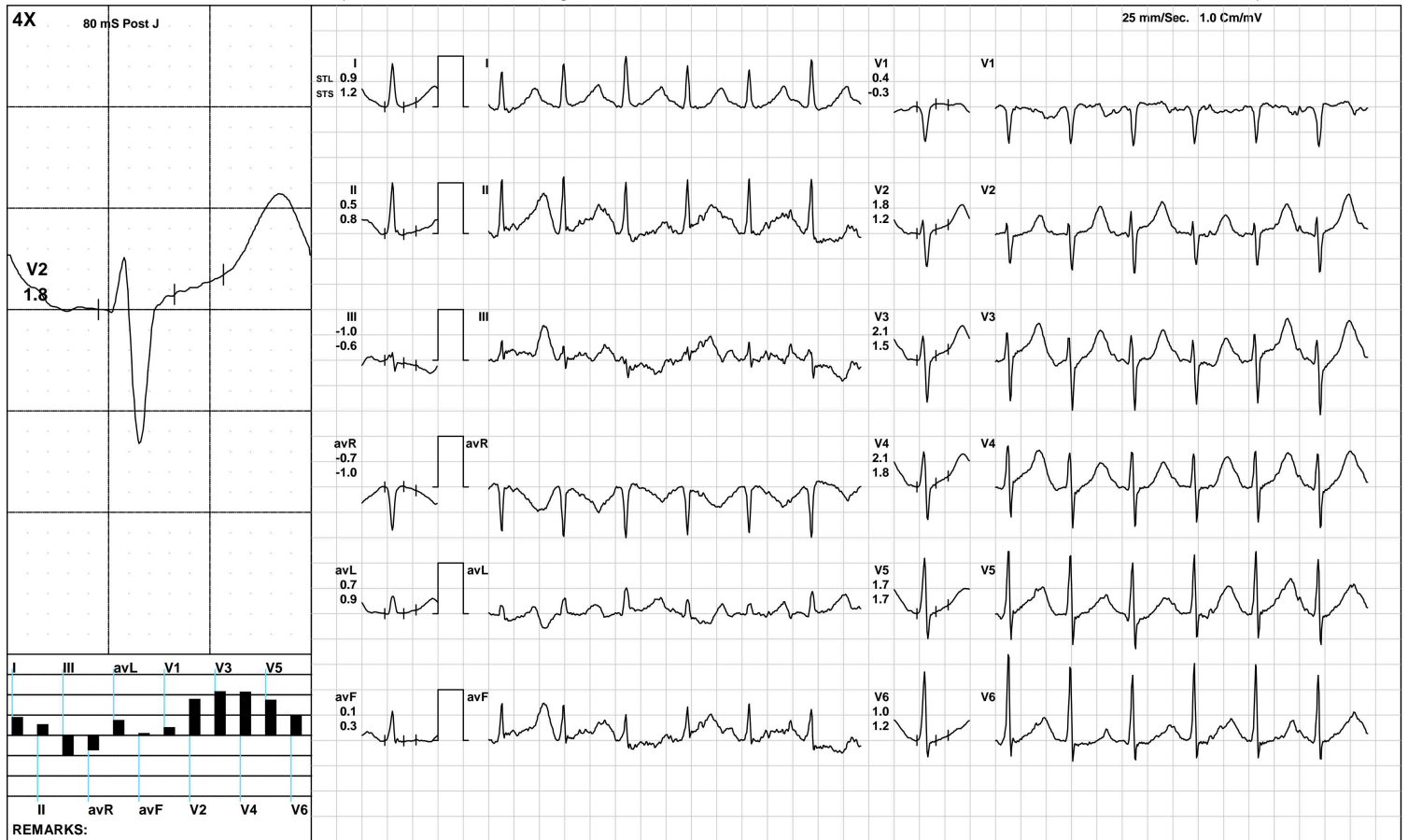
Recovery(3:50)



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 121

Date: 19-Feb-2023 11:49:14 AM METS: 1.0/ 121 bpm 65% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:24 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

ST Measurements



1783 / MR. RITIK ROUSHAN / 36 Yrs / M / 163 Cms / 95 Kg / HR : 91

Date: 19-Feb-2023 11:49:14 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	1.8	0.7	-1.1	-1.2	1.4	-0.2	-0.1	2.3	1.8	1.9	1.8	1.4	1.5	0.8	-0.7	-1.2	1.1	0.0	-0.5	1.4	1.3	1.6	1.5	1.3	
80 @mS Standing	1.8	0.7	-1.1	-1.2	1.4	-0.2	-0.1	2.3	1.8	1.9	1.8	1.4	1.5	0.8	-0.7	-1.2	1.1	0.0	-0.5	1.4	1.3	1.6	1.5	1.3	
HV	1.6	0.7	-0.9	-1.2	1.2	-0.1	-0.1	2.1	1.7	1.9	1.7	1.4	1.4	0.9	-0.6	-1.2	1.0	0.1	-0.4	1.4	1.4	1.6	1.5	1.3	
Warm Up	2.2	1.0	-1.2	-1.6	1.7	-0.1	-0.1	3.1	2.5	2.6	2.3	1.6	1.7	0.9	-0.8	-1.2	1.2	0.0	-0.4	2.0	1.9	2.0	1.8	1.3	
ExStart	2.0	0.9	-1.0	-1.4	1.5	-0.1	-0.1	3.1	2.5	2.6	2.2	1.5	1.6	1.0	-0.6	-1.3	1.1	0.2	-0.4	2.0	1.9	2.0	1.8	1.4	
Stage 1	1.0	0.6	-0.9	-0.8	0.5	0.1	0.1	1.9	2.0	2.2	1.9	1.5	1.3	1.0	-0.2	-1.2	0.8	0.4	-0.5	1.4	1.5	1.8	1.7	1.5	
Stage 2	0.2	0.4	-0.8	-0.3	0.2	0.2	0.2	0.5	0.8	0.6	0.3	0.4	0.9	0.9	-0.5	-0.9	0.0	0.4	-0.4	0.7	1.9	1.7	1.6	1.5	
PeakEx	0.3	0.0	-0.4	-0.1	0.3	-0.2	0.8	0.5	0.4	0.1	-0.3	-0.3	0.8	0.8	-0.2	-0.8	0.3	0.4	0.2	0.9	1.6	1.9	1.3	0.9	
Recovery	0.0	0.1	-0.2	0.0	-0.1	0.1	0.4	0.7	0.8	0.8	0.5	0.1	1.0	1.3	-0.4	-1.1	0.1	0.8	-0.4	1.0	2.0	2.3	1.9	1.8	
Recovery	0.2	0.1	-0.1	-0.2	-0.2	0.0	0.4	1.2	1.7	1.4	1.0	0.7	0.8	0.8	0.0	-0.8	0.3	0.4	-0.1	1.4	2.5	2.7	2.3	1.8	
Recovery	0.9	0.5	-1.0	-0.7	0.7	0.1	0.4	1.8	2.1	2.1	1.7	1.0	1.2	0.8	-0.6	-1.0	0.9	0.3	-0.3	1.2	1.5	1.8	1.7	1.2	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	13.7	5.2	-8.5	-9.3	11.0	-1.7	-0.5	19.0	14.5	15.2	13.6	10.2
Standing	13.7	5.2	-8.5	-9.3	11.0	-1.7	-0.5	19.0	14.5	15.2	13.6	10.2
HV	12.3	5.1	-7.2	-8.8	9.7	-1.1	-0.2	17.8	14.5	15.2	13.5	10.2
Warm Up	17.9	7.6	-10.3	-12.8	14.0	-1.3	-0.2	26.8	22.1	22.7	19.4	13.7
ExStart	16.0	6.8	-9.3	-11.1	12.7	-1.3	-0.4	25.8	21.3	21.4	18.0	12.4
Stage 1	5.2	2.3	-7.1	-3.5	2.7	-0.2	2.1	11.9	12.4	13.6	11.0	9.2
Stage 2	-0.1	0.3	-4.5	-0.1	1.0	0.3	2.4	1.7	2.5	0.8	-1.1	0.0
PeakEx	0.4	-2.3	-2.2	1.1	1.3	-2.5	5.3	2.3	0.8	-1.7	-3.7	-3.8
Recovery	-1.9	-1.7	-0.2	1.8	-0.8	-0.8	3.1	2.8	1.7	0.9	-0.5	-1.8
Recovery	-1.2	-2.9	-1.9	2.0	-2.1	-2.4	4.3	6.5	8.4	5.4	2.5	0.3
Recovery	4.7	2.0	-7.2	-3.4	4.2	-0.3	4.1	11.9	14.1	13.6	10.0	4.9



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	92	232	80	7	485	143	921	-907	612	-72	III	-66	0.00	0	0
01 : 00	103	152	74	34	511	188	1422	-906	672	-50	avL	-18	0.00	0	0
01 : 30	112	182	64	24	408	178	1368	-918	592	-27	avF	-45	0.00	0	0
02 : 00	117	154	84	26	410	192	1390	-780	387	-24	III	-11	0.00	0	0
02 : 30	120	162	82	36	394	209	1358	-756	401	-25	avF	-45	0.00	0	0
03 : 00	120	158	82	35	391	235	1382	-762	416	-23	V1	-10	0.00	0	0
03 : 30	122	156	66	35	397	248	1395	-845	439	-60	III	-69	0.00	0	0
04 : 00	122	158	64	40	392	196	1478	-851	470	-23	avF	-28	0.00	0	0
04 : 30	128	148	82	42	400	246	1481	-829	462	-78	III	-116	0.00	0	0
05 : 00	132	140	88	39	416	272	1487	-789	398	-94	III	-98	0.00	0	0
05 : 30	135	106	82	46	414	262	1488	-838	398	2	avL	-32	0.00	0	0
06 : 00	133	136	82	43	415	372	1512	-855	444	-72	avL	-74	0.00	0	0
06 : 30	139	134	82	45	427	348	1540	-848	380	-142	II	-187	0.00	0	0
07 : 00	141	118	84	53	440	394	1623	-857	390	-133	III	-180	0.00	0	0
07 : 30	144	120	100	51	459	436	1597	-889	437	-183	II	-139	0.00	0	0
08 : 00	147	116	82	52	458	452	1627	-970	444	-163	V6	-114	0.00	0	0
08 : 30	144	124	82	49	446	604	1434	-973	596	-187	V6	-121	0.00	0	0
09 : 00	138	132	82	41	441	755	1481	-1018	772	-148	V6	-44	0.00	0	0
09 : 30	132	136	84	38	443	795	1592	-1060	839	-69	I	-51	0.00	0	0
10 : 00	128	140	84	36	435	756	1612	-1052	892	-47	avL	-27	0.00	0	0
10 : 30	125	150	84	32	422	744	1582	-994	911	-36	avL	-41	0.00	0	0
11 : 00	122	152	84	33	410	621	1500	-1028	829	-108	III	-72	0.00	0	0
11 : 30	119	158	84	36	411	536	1464	-917	810	20	avF	-60	0.00	0	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



30204100387

TEST REPORT

Reg.No : 30204100387	Reg.Date : 20-Feb-2023 12:11	Collection : 20-Feb-2023 12:11
Name : MR. RITIK ROUSHAN		Received : 20-Feb-2023 12:11
Age : 36 Years	Sex : Male	Report : 20-Feb-2023 13:04
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 20-Feb-2023 13:25
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine) <i>Method:CLIA</i>	1.34	ng/mL	0.60 - 1.81
T4 (Thyroxine) <i>Method:CLIA</i>	5.90	µg/dL	4.5 - 12.6
TSH (ultra sensitive) <i>Method:CLIA</i>	1.686	µIU/mL	0.55 - 4.78

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.Niranjan Mondal

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