



भारत सरकार
Government of India



नाम: अणुदरशी
Anand Priyadarshi

जन्म तिथि / DOB: 05/12/1985
पुरुष / Male

351m

4630 3039 3471



आधार - आम आदमी का अधिकार

30-06-2023 12:26:06 PM

ID: 584

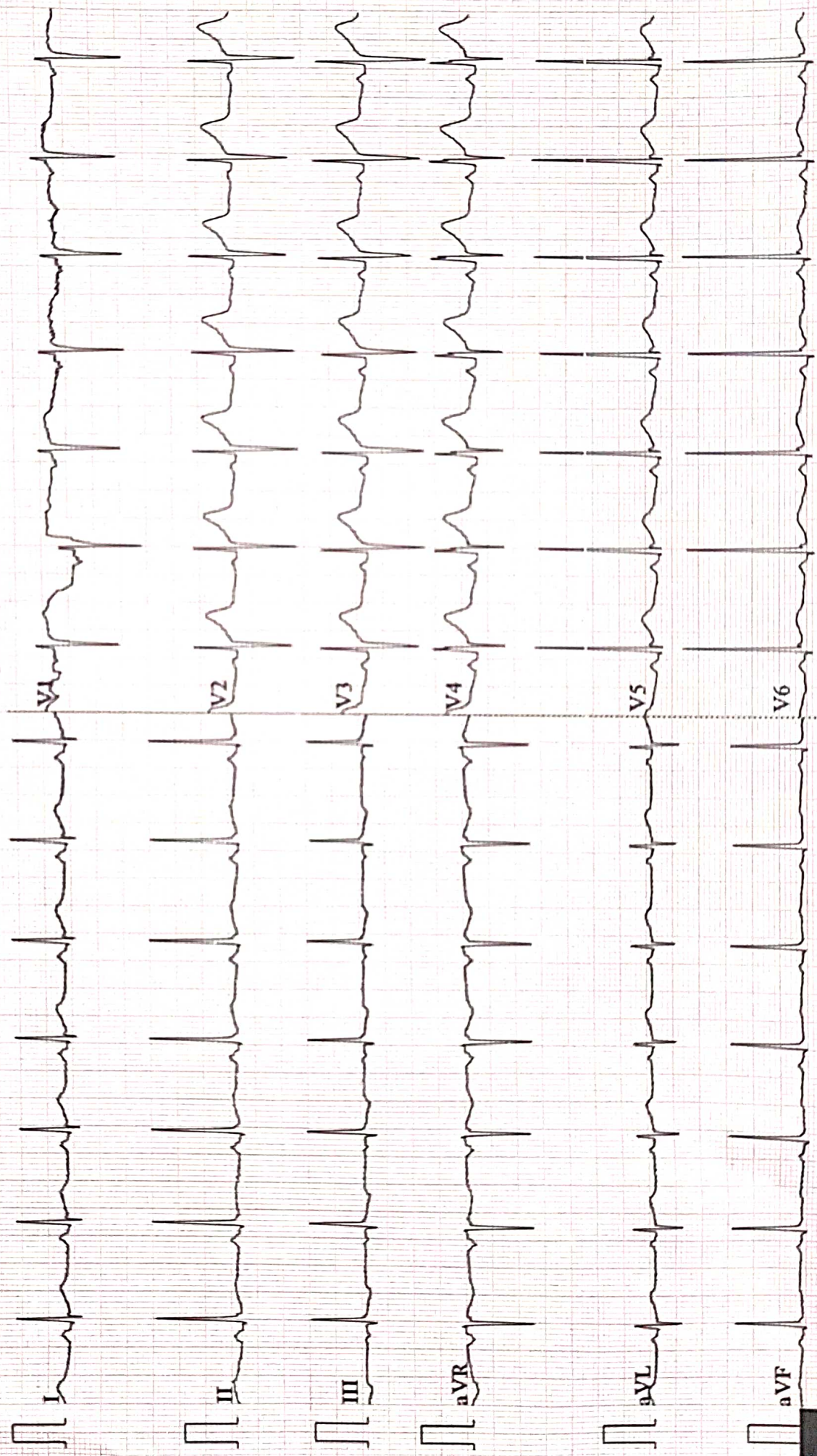
anand priyadarshi
Male Years

Diagnosis Information:

Sinus Rhythm
Larged PtfV1
Slight ST Elevation(V4,V5)
Low T Wave(V6)

HR : 86 bpm
P : 89 ms
PR : 130 ms
QRS : 71 ms
QT/QTc : 350/419 ms
P/QRS/T : 8/61/2
RV5/SV1 : 2.265/1.257 mV

Ref-Phys. :
Report Confirmed by:





Name :- Anand Priyadarshi
Pt's ID :- 18/40251
Refd by :- Corp

Age/Sex:-34Yrs/M
Date :-30/06/23

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size (16.0cm) with raised echotexture. No focal 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 (12.2cm) 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 9.1cm and Left Kidney measures 10.4cm.
- Ureters** :- Ureters are normal.
- U. Bladder** :- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (15.0cc) & 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.
Mild Splenomegaly.
Otherwise Normal Scan.*

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



ISO 9001 : 2015
AAROGYAM DIAGNOSTICS
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 Near Malahi Pakari Chowk, Kankarbagh, Patna – 20
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 info@aarogyamdiagnostics.com
 www.aarogyamdiagnostics.com

Date	30/06/2023	Srl No.	9	Patient Id	2306300009
Name	Mr. ANAND PRIYADRSHI	Age	34 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	30/06/2023	Srl No. 9	Patient Id 2306300009
Name	Mr. ANAND PRIYADRSHI	Age 34 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.7	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	5,900	/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)	13	mm/1st hr.	0 - 15
R B C COUNT	4.56	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.1	%	40 - 54
M C V	90.13	fl.	80 - 100
M C H	30.04	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.90	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	92.5	mg/dl	70 - 110
SERUM CREATININE	1.11	mg%	0.7 - 1.4
BLOOD UREA	23.4	mg /dl	15.0 - 45.0
SERUM URIC ACID	6.1	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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Date	30/06/2023	Srl No. 9	Patient Id 2306300009
Name	Mr. ANAND PRIYADRSHI	Age 34 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.51	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.18	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.33	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.7	gm/dl	6.6 - 8.3
ALBUMIN	3.6	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	1.161		
SGOT	53.5	IU/L	5 - 40
SGPT	58.8	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	134.2	U/L	40.0 - 130.0
GAMMA GT	23.5	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	159.7	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	170.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	52.4	mg/dL	35.1 - 88.0
V L D L	31.94	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	86.56	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.261		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.652		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



Date	30/06/2023	Srl No.	9	Patient Id	2306300009
Name	Mr. ANAND PRIYADRSHI	Age	34 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.020		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		

MICROSCOPIC EXAMINATION

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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Name	Mr. ANAND PRIYADRSHI	Age	34 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

AAROGYAM DIAGNOSTICS
PATNA

Report



(GEM212170906)(R)Kardic by Allengers

2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg Date: 30-Jun-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	104	56 %	110/80	114	00	
Standing	00:08	0:01	00.0	00.0	01.0	96	52 %	110/80	105	00	
HV	00:13	0:01	00.0	00.0	01.0	099	53 %	110/80	108	00	
Warm Up	00:18	0:01	01.0	00.0	01.0	100	54 %	110/80	110	00	
ExStart	00:35	0:06	01.7	10.0	01.1	118	63 %	110/80	129	00	
BRUCE/ Stage 1	03:35	3:00	01.7	10.0	04.7	142	76 %	115/85	163	00	
BRUCE/ Stage 2	06:35	3:00	02.5	12.0	07.1	165	89 %	120/85	198	00	
PeakEx	08:37	2:02	03.4	14.0	09.2	186	100 %	125/90	232	00	
Recovery	09:36	1:00	01.1	00.0	01.2	168	90 %	120/80	201	00	
Recovery	10:36	2:00	01.1	00.0	01.0	156	84 %	120/80	187	00	
Recovery	11:07	2:30	01.1	00.0	01.0	148	80 %	120/80	177	00	

Findings :

Exercise Time : 08:03
Max HR Attained : 186 bpm 100% of Target 186
Max BP Attained : (Sys) 125/90
Max WorkLoad Attained : 9.2 Good response to induced stress
Max ST Dep Lead & Value : II & -2.2 mm in PeakEx mm
Test End Reasons : Test Complete

Report :

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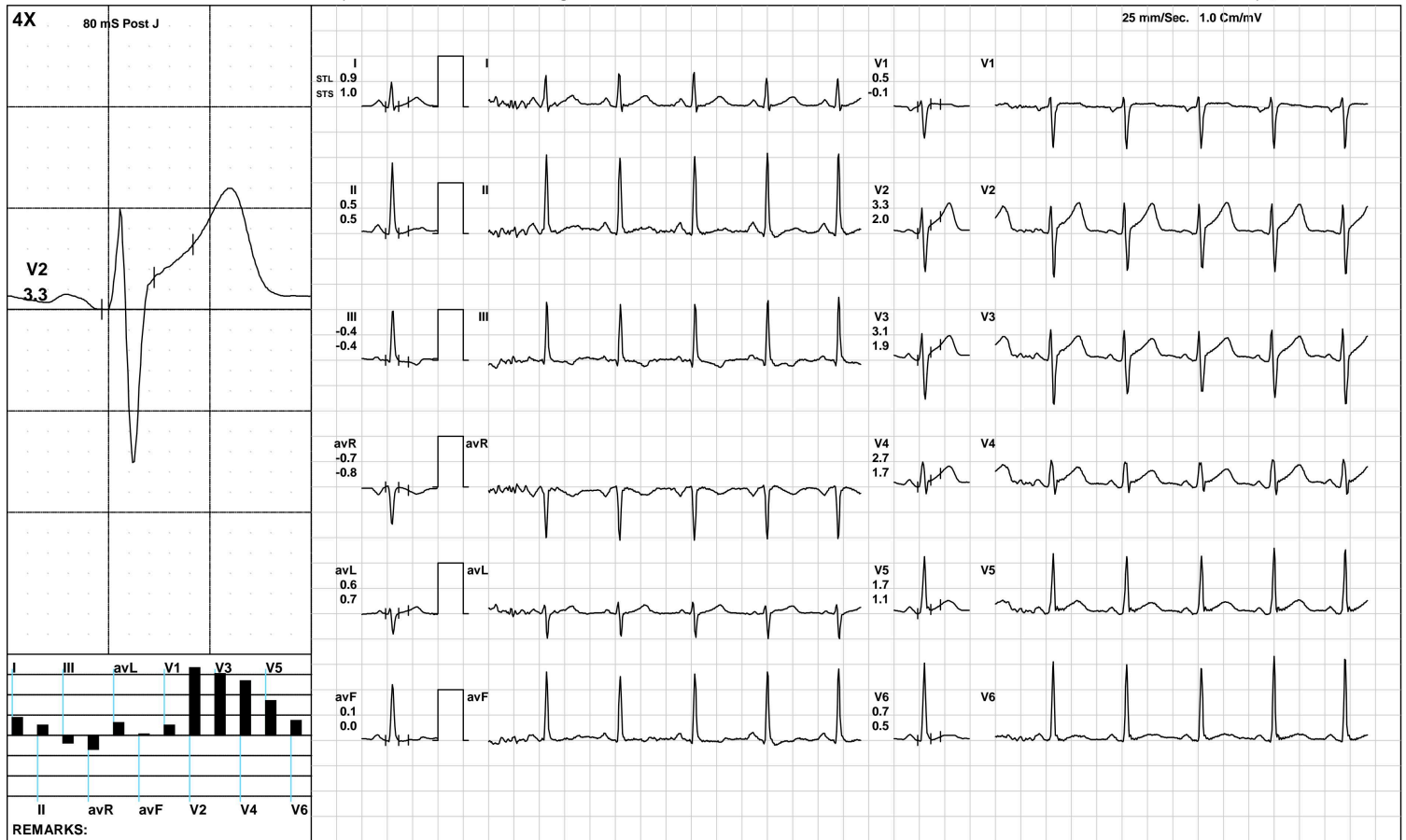
Supine



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 104

Date: 30-Jun-2023 01:07:16 PM METS: 1.0/ 104 bpm 55% 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

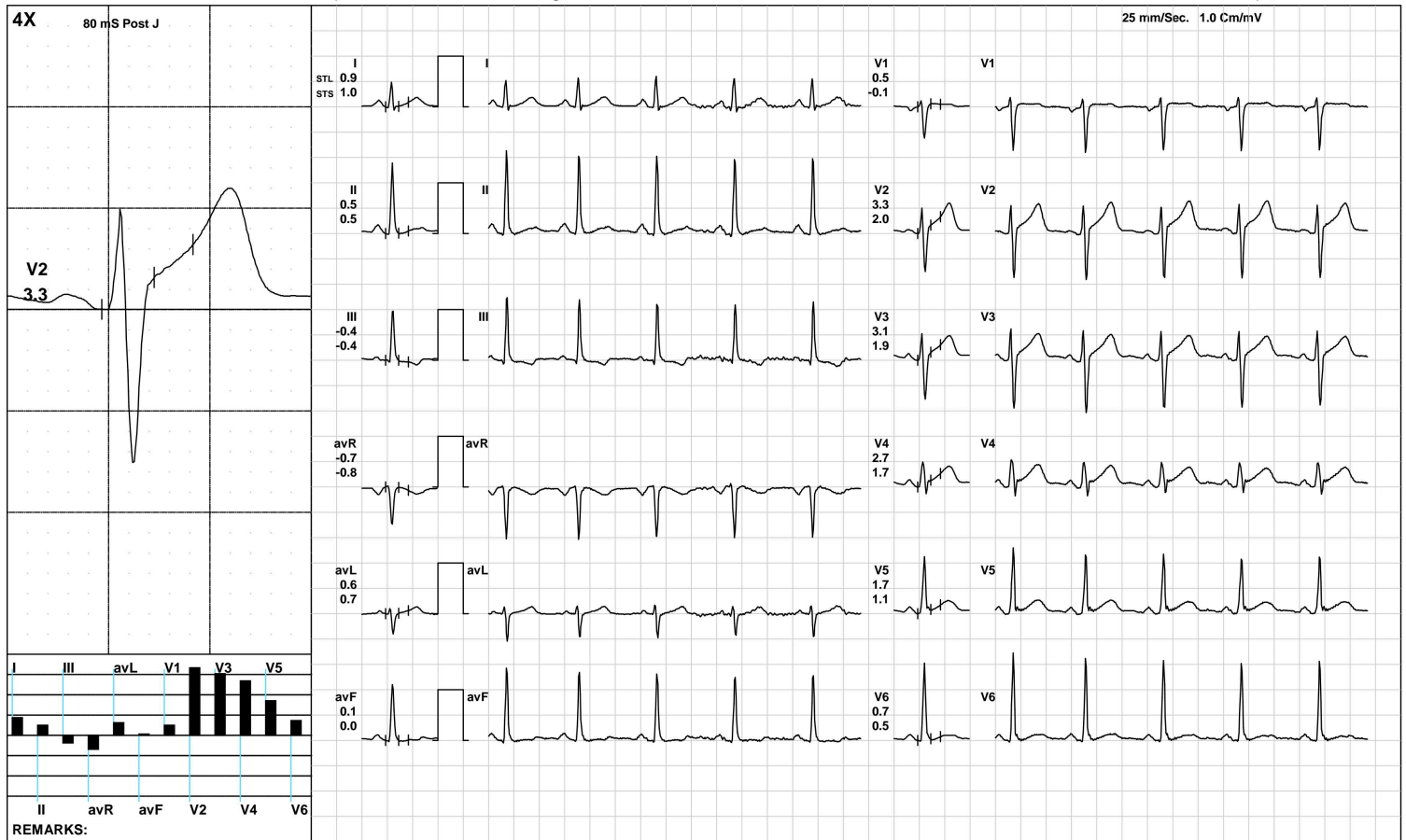
Standing



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 96

Date: 30-Jun-2023 01:07:16 PM METS: 1.0/ 96 bpm 51% of THR BP: 110/80 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

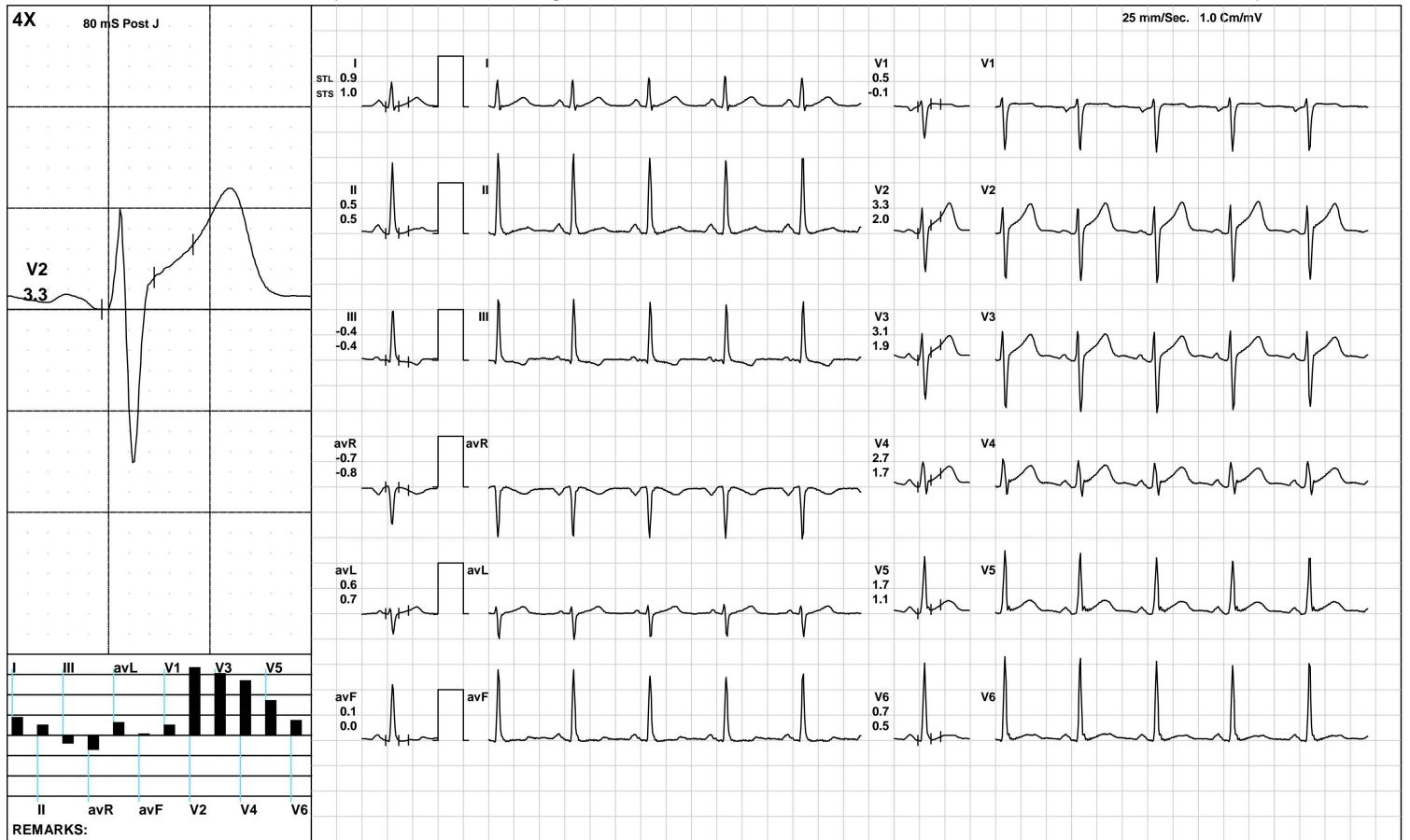
AAROGYAM DIAGNOSTICS



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 99

Date: 30-Jun-2023 01:07:16 PM METS: 1.0/ 99 bpm 53% of THR BP: 110/80 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

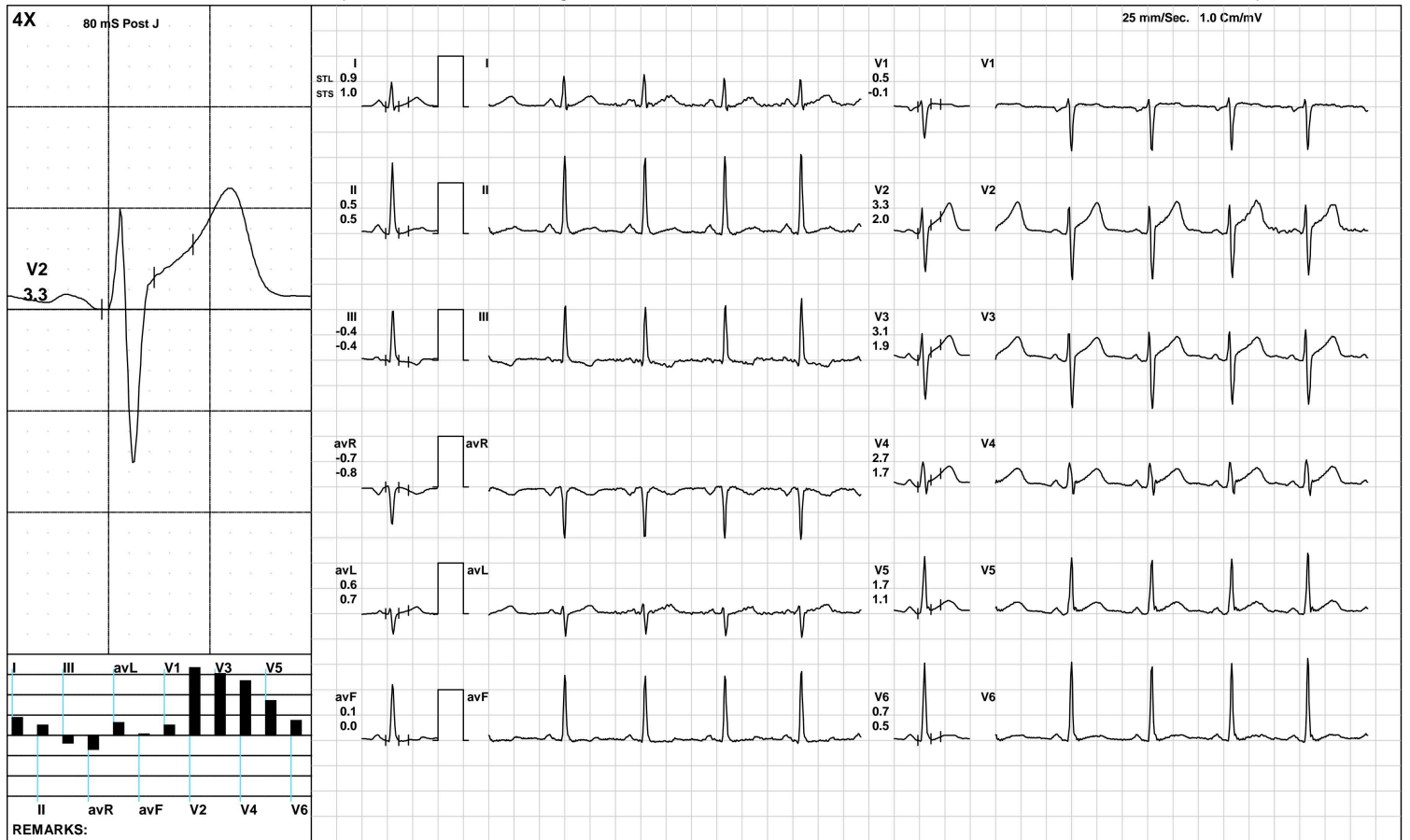
Warm Up



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 100

Date: 30-Jun-2023 01:07:16 PM METS: 1.0/ 100 bpm 53% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:18 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

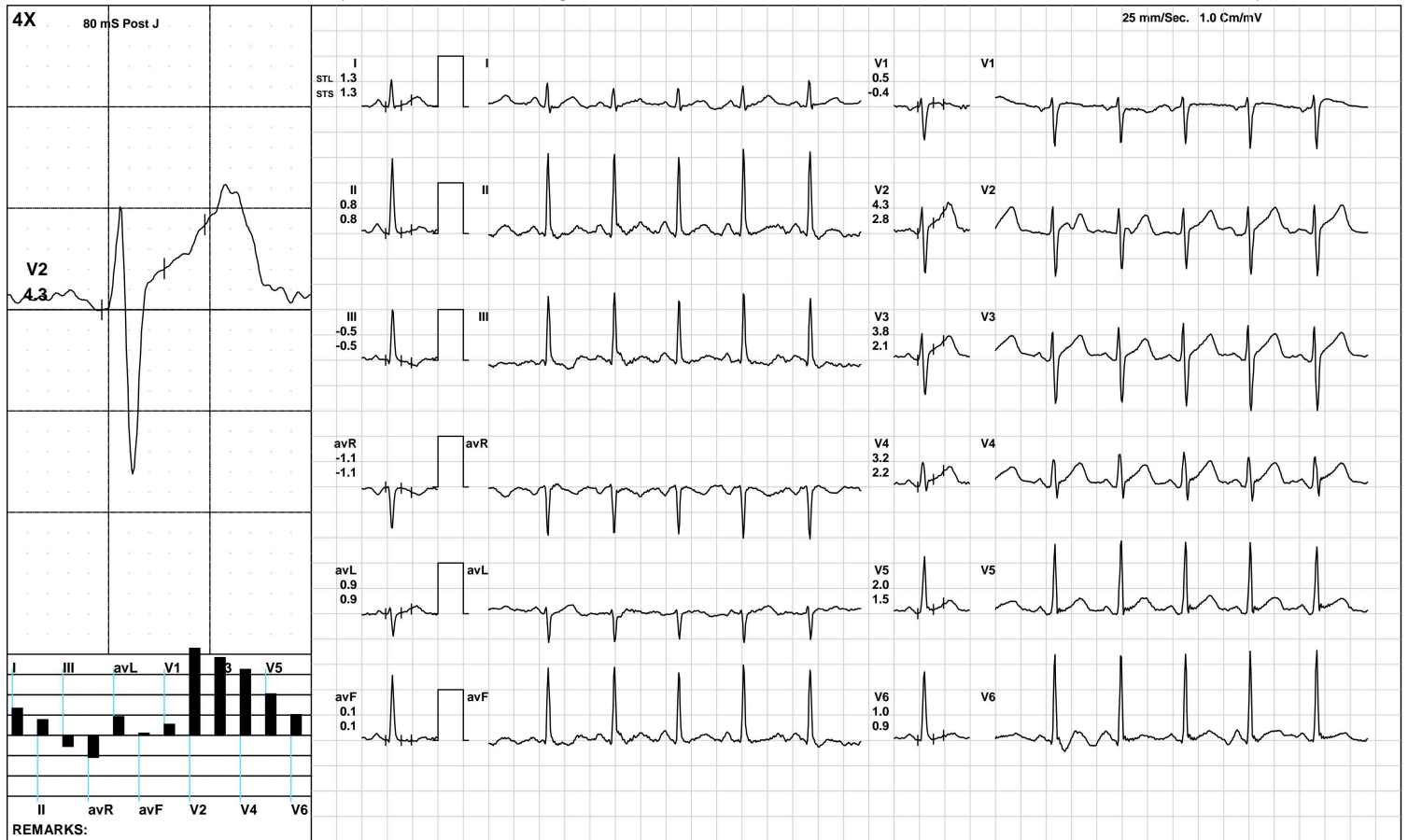
ExStart



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 118

Date: 30-Jun-2023 01:07:16 PM METS: 1.1/ 118 bpm 63% 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

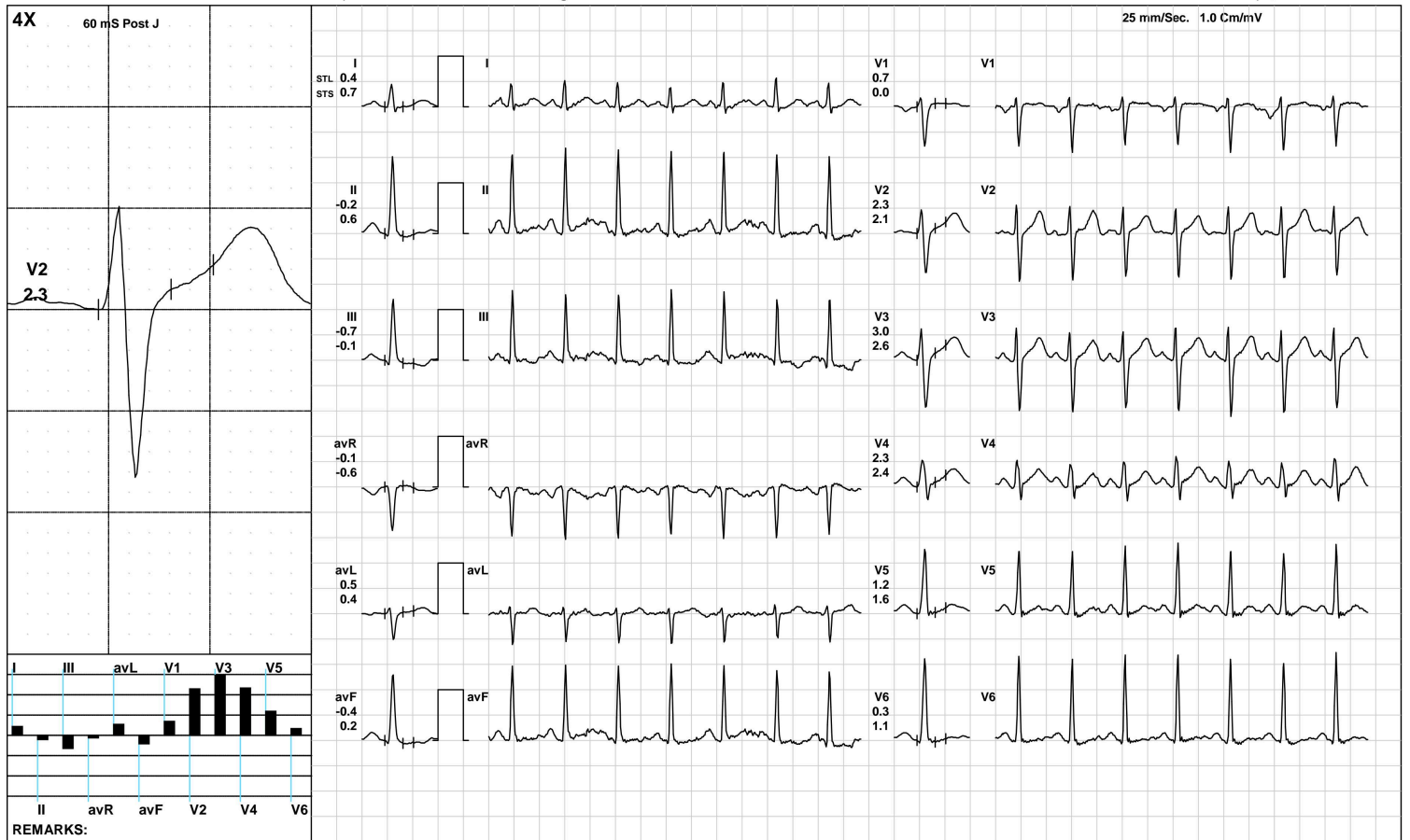
BRUCE:/Stage 1(3:00)



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 142

Date: 30-Jun-2023 01:07:16 PM METS: 4.7/ 142 bpm 76% of THR BP: 115/85 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

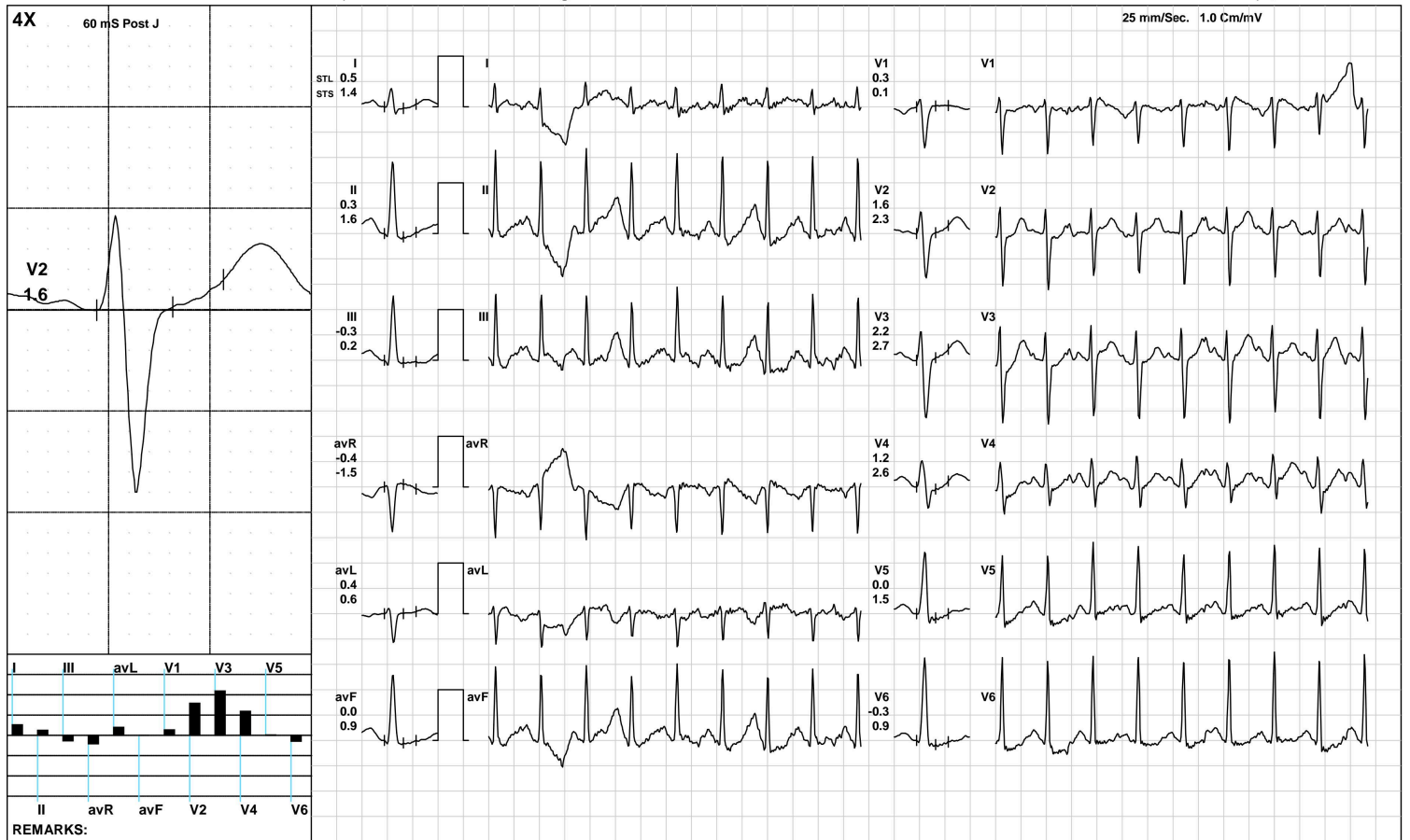
BRUCE/Stage 2(3:00)



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 165

Date: 30-Jun-2023 01:07:16 PM METS: 7.1/ 165 bpm 88% of THR BP: 120/85 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

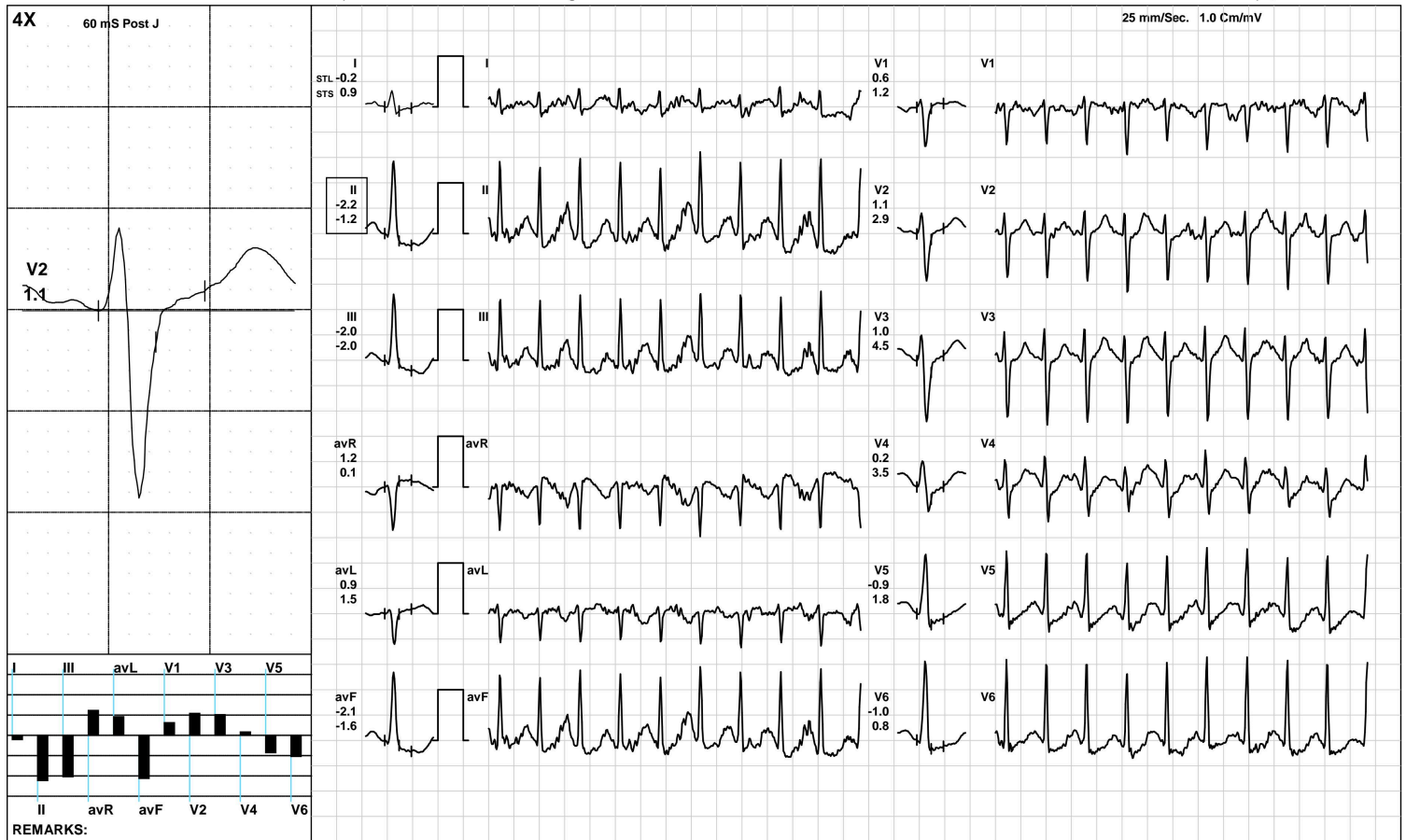
PeakEx



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 186

Date: 30-Jun-2023 01:07:16 PM METS: 9.2/ 186 bpm 100% of THR BP: 125/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:02 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

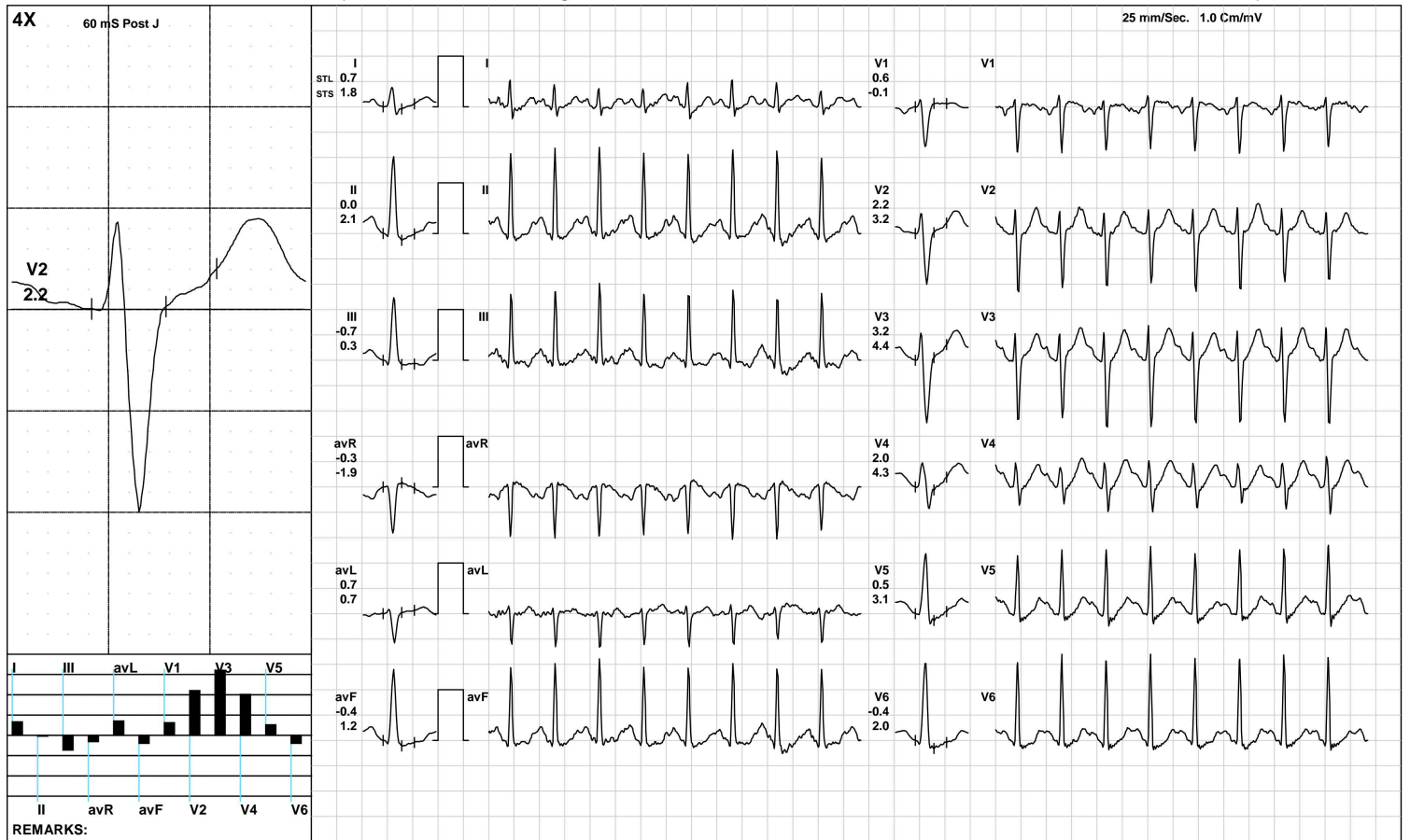
Recovery(1:00)



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 168

Date: 30-Jun-2023 01:07:16 PM METS: 1.2/ 168 bpm 90% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:03 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

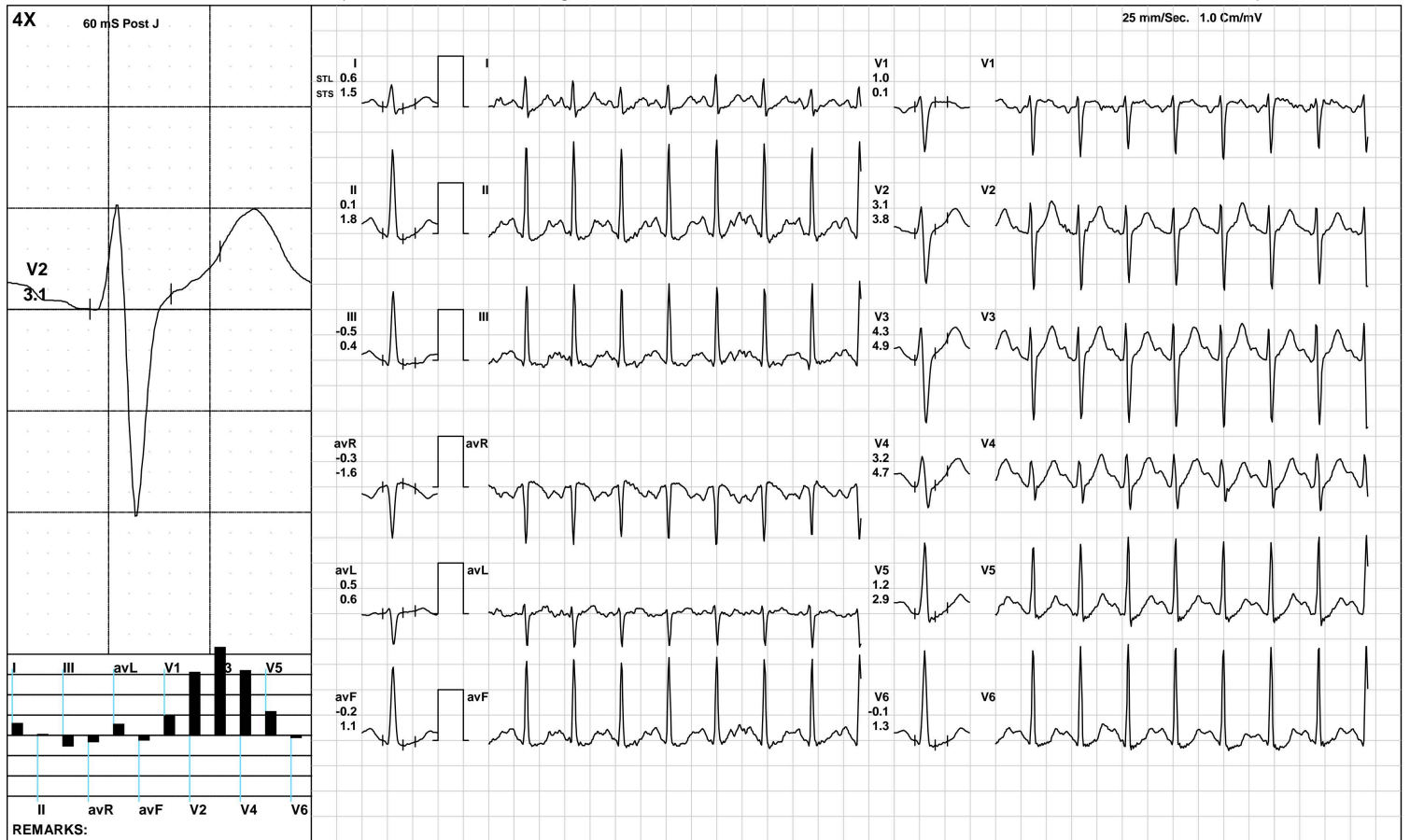
Recovery(2:00)



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 156

Date: 30-Jun-2023 01:07:16 PM METS: 1.0/ 156 bpm 83% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:03 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

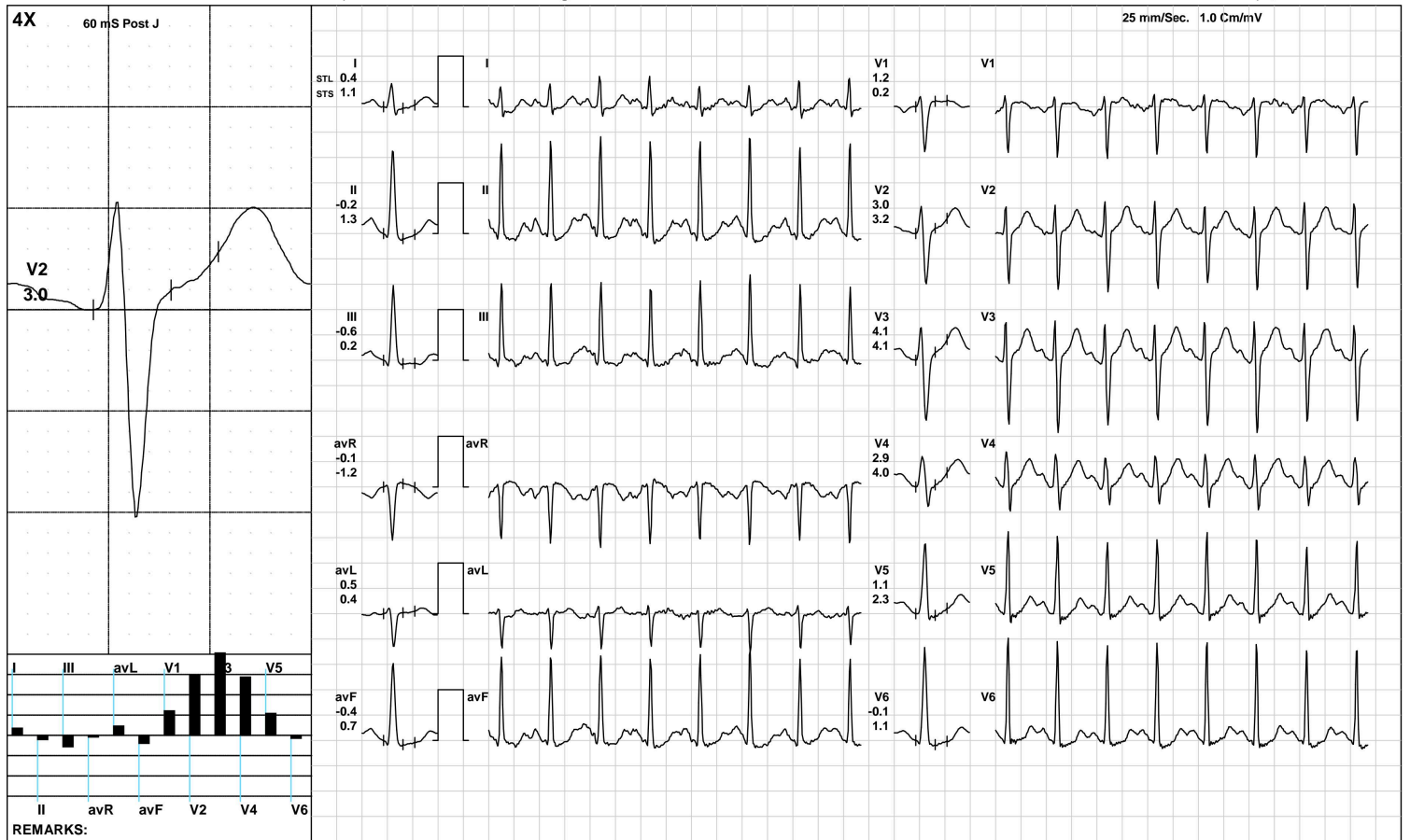
Recovery(2:30)



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 148

Date: 30-Jun-2023 01:07:16 PM METS: 1.0/ 148 bpm 79% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:03 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

ST Measurements



2072 / ANAND PRIYANSHI / 34 Yrs / M / 162 Cms / 85 Kg / HR : 115

Date: 30-Jun-2023 01:07:16 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	0.5	-0.4	-0.7	0.6	0.1	0.5	3.3	3.1	2.7	1.7	0.7	1.0	0.5	-0.4	-0.8	0.7	0.0	-0.1	2.0	1.9	1.7	1.1	0.5	
60 @mS	Standing	0.9	0.5	-0.4	-0.7	0.6	0.1	0.5	3.3	3.1	2.7	1.7	0.7	1.0	0.5	-0.4	-0.8	0.7	0.0	-0.1	2.0	1.9	1.7	1.1	0.5	
	HV	0.9	0.5	-0.4	-0.7	0.6	0.1	0.5	3.3	3.1	2.7	1.7	0.7	1.0	0.5	-0.4	-0.8	0.7	0.0	-0.1	2.0	1.9	1.7	1.1	0.5	
	Warm Up	0.9	0.5	-0.4	-0.7	0.6	0.1	0.5	3.3	3.1	2.7	1.7	0.7	1.0	0.5	-0.4	-0.8	0.7	0.0	-0.1	2.0	1.9	1.7	1.1	0.5	
	ExStart	1.3	0.8	-0.5	-1.1	0.9	0.1	0.5	4.3	3.8	3.2	2.0	1.0	1.3	0.8	-0.5	-1.1	0.9	0.1	-0.4	2.8	2.1	2.2	1.5	0.9	
	Stage 1	0.4	-0.2	-0.7	-0.1	0.5	-0.4	0.7	2.3	3.0	2.3	1.2	0.3	0.7	0.6	-0.1	-0.6	0.4	0.2	0.0	2.1	2.6	2.4	1.6	1.1	
	Stage 2	0.5	0.3	-0.3	-0.4	0.4	0.0	0.3	1.6	2.2	1.2	0.0	-0.3	1.4	1.6	0.2	-1.5	0.6	0.9	0.1	2.3	2.7	2.6	1.5	0.9	
	PeakEx	-0.2	-2.2	-2.0	1.2	0.9	-2.1	0.6	1.1	1.0	0.2	-0.9	-1.0	0.9	-1.2	-2.0	0.1	1.5	-1.6	1.2	2.9	4.5	3.5	1.8	0.8	
	Recovery	0.7	0.0	-0.7	-0.3	0.7	-0.4	0.6	2.2	3.2	2.0	0.5	-0.4	1.8	2.1	0.3	-1.9	0.7	1.2	-0.1	3.2	4.4	4.3	3.1	2.0	
	Recovery	0.6	0.1	-0.5	-0.3	0.5	-0.2	1.0	3.1	4.3	3.2	1.2	-0.1	1.5	1.8	0.4	-1.6	0.6	1.1	0.1	3.8	4.9	4.7	2.9	1.3	
	Recovery	0.4	-0.2	-0.6	-0.1	0.5	-0.4	1.2	3.0	4.1	2.9	1.1	-0.1	1.1	1.3	0.2	-1.2	0.4	0.7	0.2	3.2	4.1	4.0	2.3	1.1	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)	Supine	6.3	3.2	-3.0	-4.7	4.6	0.0	4.4	26.0	23.3	19.9	12.5	4.7
	Standing	6.3	3.2	-3.0	-4.7	4.6	0.0	4.4	26.0	23.3	19.9	12.5	4.7
	HV	6.3	3.2	-3.0	-4.7	4.6	0.0	4.4	26.0	23.3	19.9	12.5	4.7
	Warm Up	6.3	3.2	-3.0	-4.7	4.6	0.0	4.4	26.0	23.3	19.9	12.5	4.7
	ExStart	8.9	3.9	-4.9	-6.6	6.8	-0.4	5.5	31.2	27.5	21.5	13.1	5.7
	Stage 1	1.2	-2.6	-3.8	0.7	2.5	-3.2	4.1	10.1	13.5	9.9	4.3	0.3
	Stage 2	-0.2	-2.7	-2.6	1.4	1.1	-2.7	1.6	4.1	6.7	0.6	-4.1	-4.6
	PeakEx	-2.8	-12.5	-9.7	7.6	3.5	-11.1	3.4	2.3	0.6	-4.2	-8.6	-9.2
	Recovery	0.6	-4.1	-4.7	1.8	2.7	-4.4	4.2	6.4	10.2	3.7	-2.5	-5.4
	Recovery	0.4	-3.9	-4.3	1.8	2.4	-4.1	5.6	9.9	15.0	8.5	0.1	-4.0
	Recovery	-0.2	-4.1	-3.9	2.1	1.9	-4.0	6.6	10.7	15.5	8.6	1.2	-3.4



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	117	126	58	74	314	197	1696	-1017	596	66	III	-50	0.00	0	0
01:00	123	128	58	74	343	219	1672	-995	498	-21	avL	6	0.00	0	0
01:30	127	128	58	74	343	219	1672	-995	498	-21	V6	6	0.00	0	0
02:00	133	136	56	73	432	-813	1662	-981	-570	40	III	-26	0.00	0	0
02:30	140	126	58	75	336	218	1645	-982	454	45	III	-39	0.00	0	0
03:00	136	118	70	75	433	218	1645	-982	454	45	V6	-39	0.00	0	0
03:30	140	128	68	76	452	223	1644	-1005	468	-58	III	-96	0.00	0	0
04:00	143	128	68	76	452	223	1644	-1005	468	-58	V6	-96	0.00	0	0
04:30	151	128	68	76	452	251	1644	-1049	445	-136	III	-146	0.00	0	0
05:00	155	110	68	80	328	221	1662	-1068	427	-65	V6	-99	0.00	0	0
05:30	159	110	70	80	435	302	1621	-1125	417	-94	V6	-103	0.00	0	0
06:00	160	106	66	78	329	331	1603	-1107	413	-150	III	-180	0.00	0	0
06:30	164	106	70	83	325	293	1589	-1237	375	-150	V6	-152	0.00	0	0
07:00	173	98	72	83	330	281	1631	-1218	418	-307	V5	-219	0.00	0	0
07:30	177	94	68	82	338	298	1653	-1227	351	-185	V6	-145	0.00	0	0
08:00	181	58	72	83	338	327	1635	-1180	407	-285	II	-193	0.00	0	0
08:30	186	86	68	82	344	345	1546	-1242	376	-232	II	-226	0.00	0	0
09:00	179	94	68	82	328	318	1571	-1309	499	-204	V6	-151	0.00	0	0
09:30	169	94	68	81	332	335	1622	-1244	573	-121	III	-106	0.00	0	0
10:00	161	98	68	80	326	315	1787	-1288	624	-77	III	-51	0.00	0	0
10:30	158	108	68	82	319	309	1901	-1331	644	-124	V6	-65	0.00	0	0
11:00	150	112	68	78	437	300	1879	-1239	627	-56	III	-73	0.00	0	0



MC-2024

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Regd. Of ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
CIN: U85195GJ2009PLC057059



30704100009

TEST REPORT

Reg.No : 30704100009	Reg.Date : 01-Jul-2023 13:34	Collection : 01-Jul-2023 13:34
Name : ANAND PRIYADARSHI		Received : 01-Jul-2023 13:34
Age : 34 Years	Sex : Male	Report : 01-Jul-2023 14:53
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 01-Jul-2023 15:13
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine)	1.27	ng/mL	0.6 - 1.52
T4 (Thyroxine) <small>CMI/A</small>	7.63	µg/dL	5.5 - 11.0
TSH (ultra sensitive) <small>CMI/A</small>	4.570	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 -----

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