

बैंक ऑफ़ इंडिया
Bank of India



Chandra Bhushan

19 7 53 5
115537

Chandra Bhushan
Issued Authority

01-09-1990

01-09-1990

ID: 004

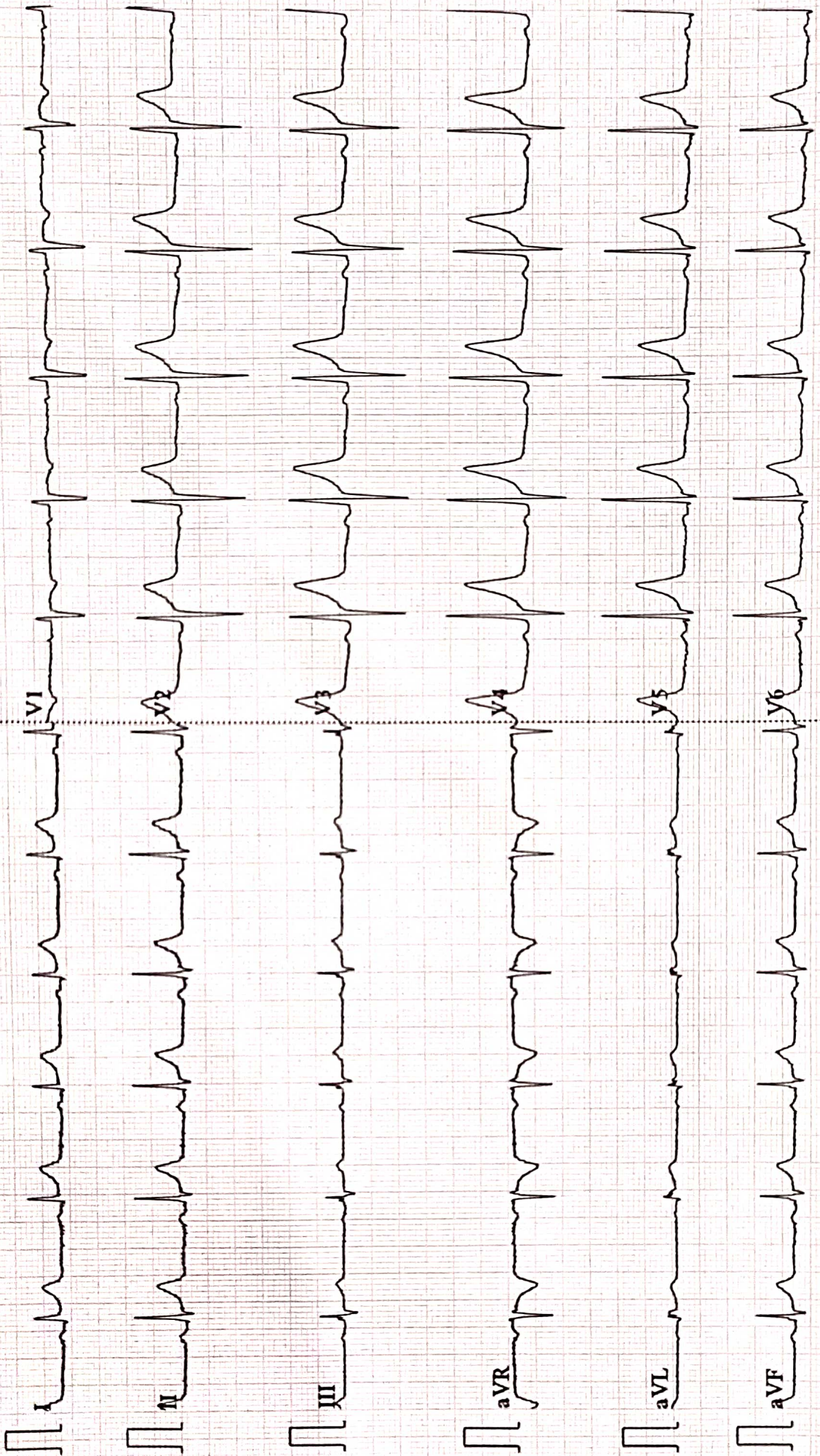
CHANDRA BHUSHAN
Male 32Years

Diagnosis Information:

Sinus Rhythm
Slight ST Elevation(V4,V5)

HR	: 70	bpm
P	: 99	ms
PR	: 160	ms
QRS	: 87	ms
QT/QTc	: 348/377	ms
P/QRST	: 57/48/45	°
RV5/SV1	: 1.498/0.641	mV

Ref-Phys. :
Report Confirmed by:



AAROGYAM DIAGNOSTICS
PATNA

Report



(GEM212170906)(R)Kardic by Allengers

2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg Date: 02-Jul-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	74	39 %	110/80	081	00	
Standing	00:12	0:01	00.0	00.0	01.0	75	40 %	110/80	082	00	
HV	00:23	0:01	00.0	00.0	01.0	071	38 %	110/80	078	00	
Warm Up	00:57	0:01	01.0	00.0	01.0	075	40 %	110/80	082	00	
ExStart	01:06	0:06	01.7	10.0	01.1	098	52 %	110/80	107	00	
BRUCE/ Stage 1	04:06	3:00	01.7	10.0	04.7	133	71 %	115/85	152	00	
BRUCE/ Stage 2	07:06	3:00	02.5	12.0	07.1	157	84 %	120/90	188	00	
PeakEx	08:07	1:01	03.4	14.0	08.2	168	89 %	120/90	201	00	
Recovery	09:06	1:00	01.1	00.0	01.2	144	77 %	115/85	165	00	
Recovery	10:06	2:00	01.1	00.0	01.0	132	70 %	110/80	145	00	
Recovery	11:41	3:34	01.1	00.0	01.0	126	67 %	110/80	138	00	

Findings :

Exercise Time : 07:02
Max HR Attained : 191 bpm 102% of Target 188
Max BP Attained : (Sys) 120/90
Max WorkLoad Attained : 8.2 Fair response to induced stress
Max ST Dep Lead & Value : V1 & -1.6 mm in HV mm
Test End Reasons : Fatigue

Report :

AAROGYAM DIAGNOSTICS

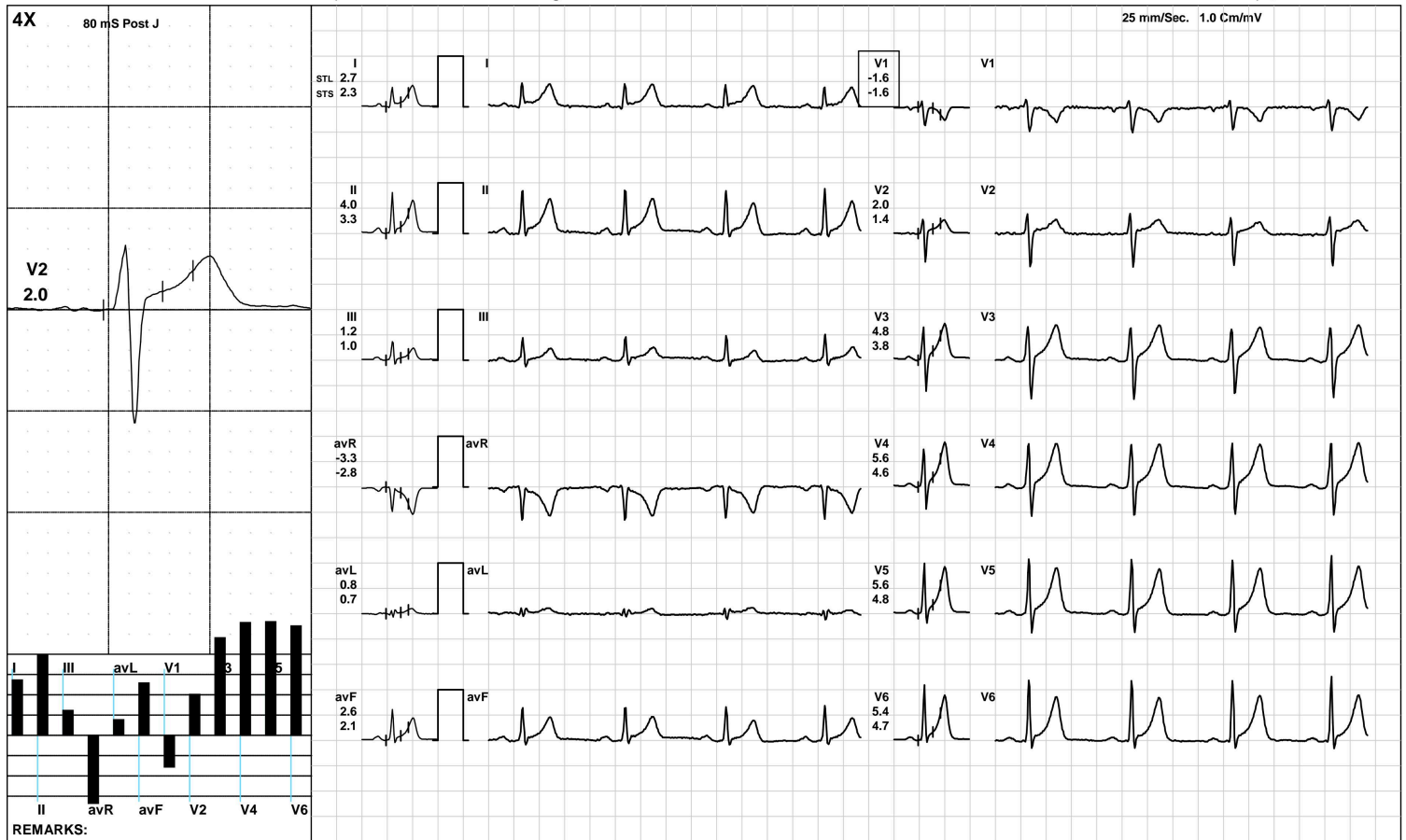
Supine



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 74

Date: 02-Jul-2023 11:31:46 AM METS: 1.0/ 74 bpm 39% 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%



AAROGYAM DIAGNOSTICS

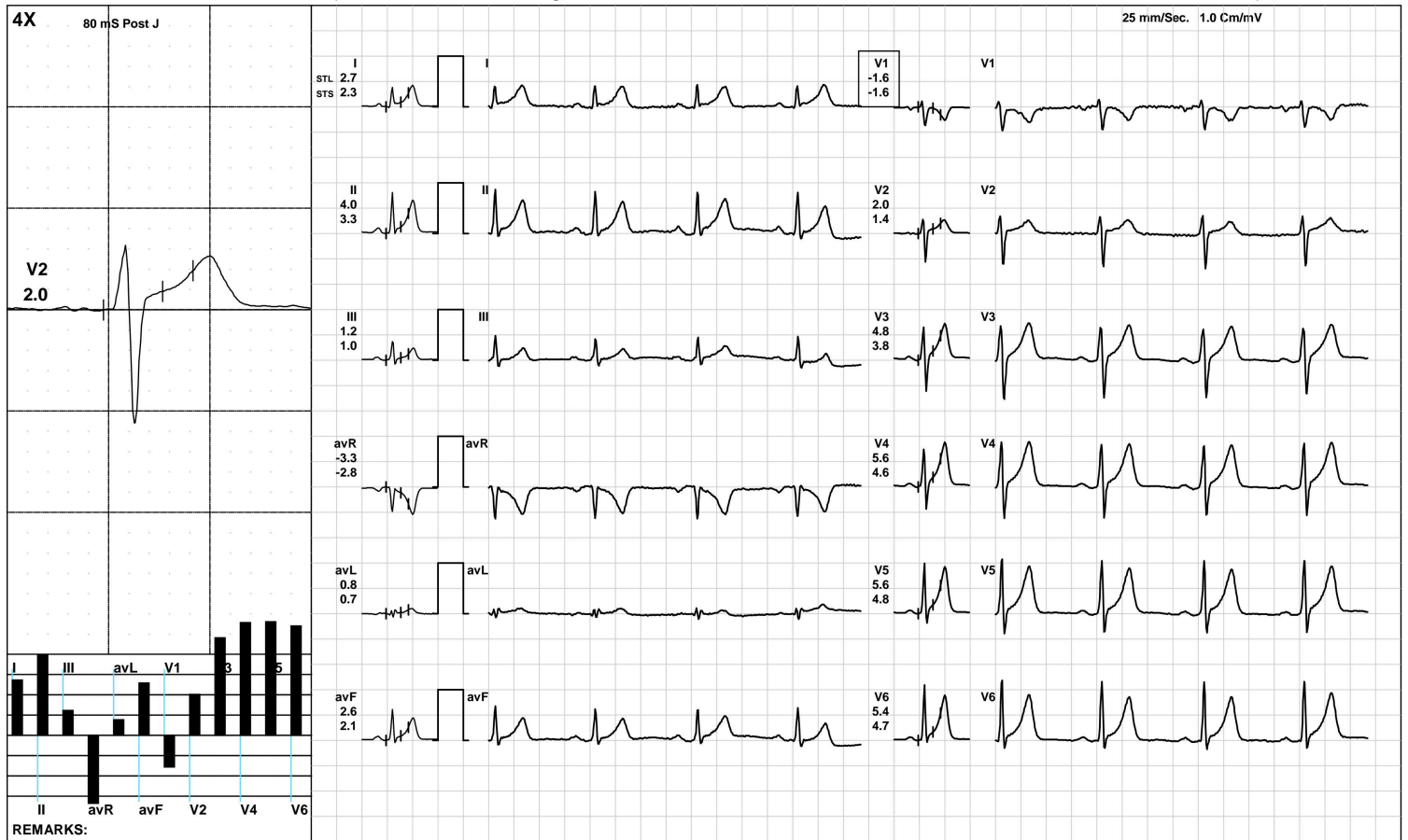
Standing



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 75

Date: 02-Jul-2023 11:31:46 AM METS: 1.0/ 75 bpm 39% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:12 0.0 mph, 0.0%



AAROGYAM DIAGNOSTICS

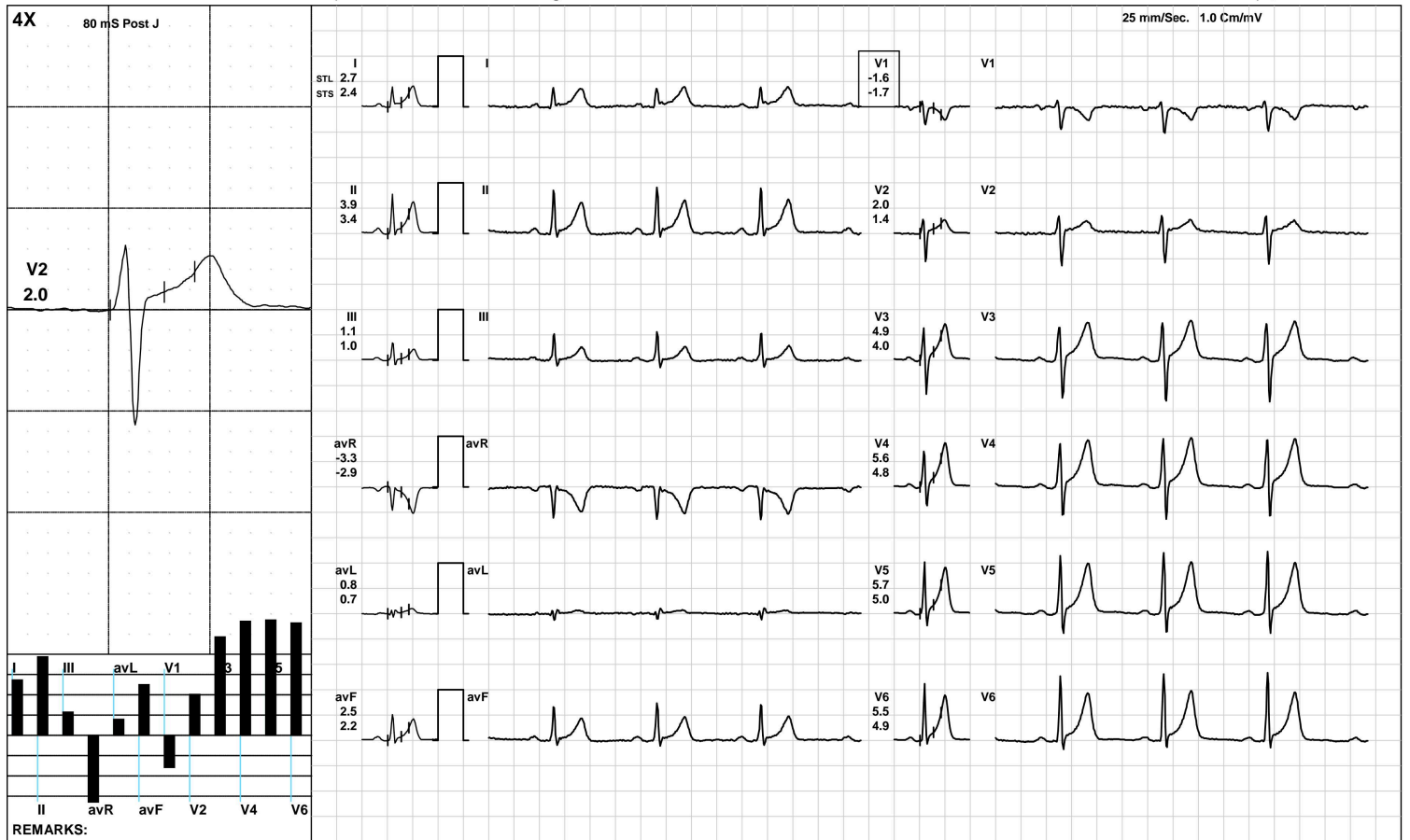
HV



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 71

Date: 02-Jul-2023 11:31:46 AM METS: 1.0/ 71 bpm 37% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:23 0.0 mph, 0.0%



AAROGYAM DIAGNOSTICS

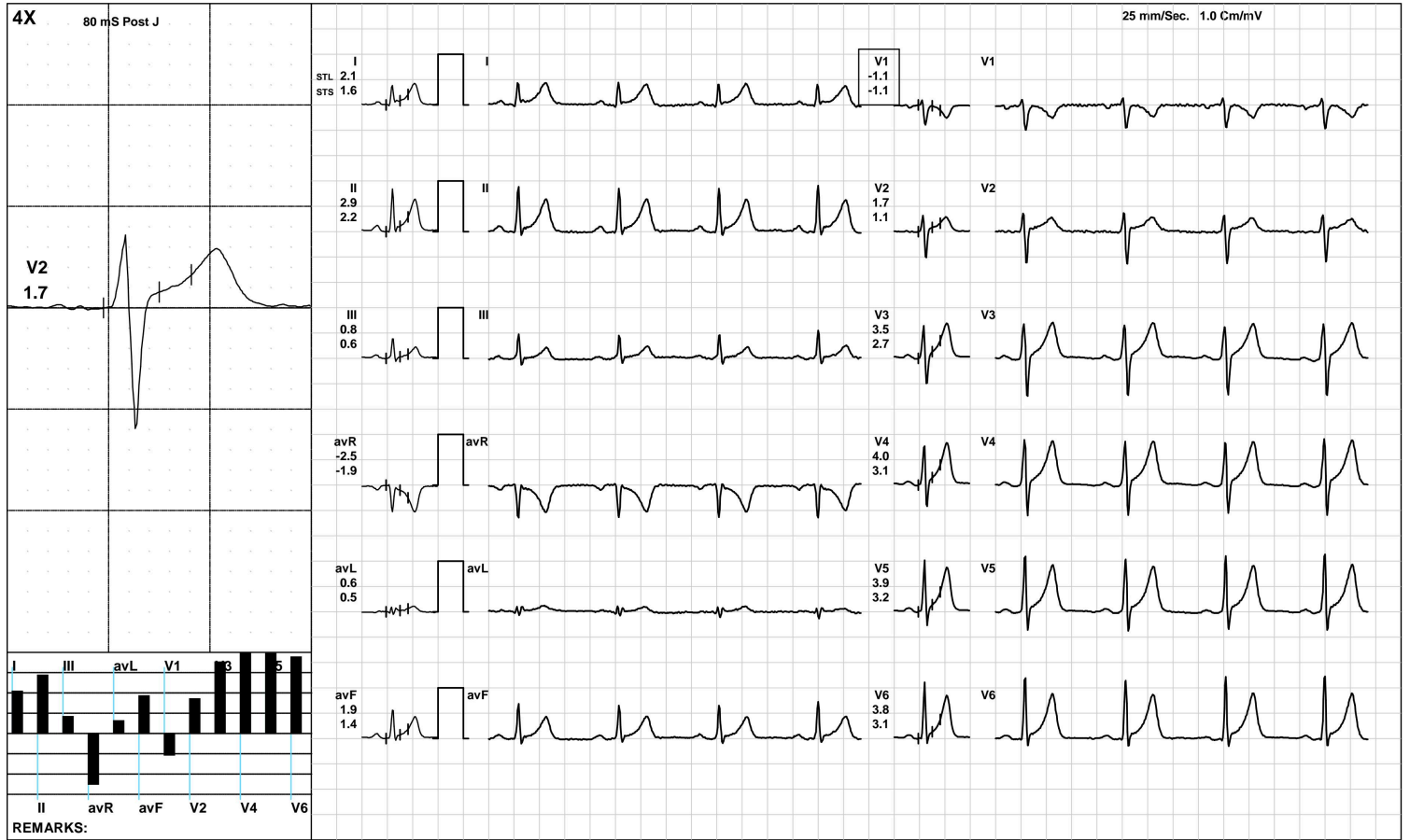
Warm Up



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 75

Date: 02-Jul-2023 11:31:46 AM METS: 1.0/ 75 bpm 39% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:57 1.0 mph, 0.0%



AAROGYAM DIAGNOSTICS

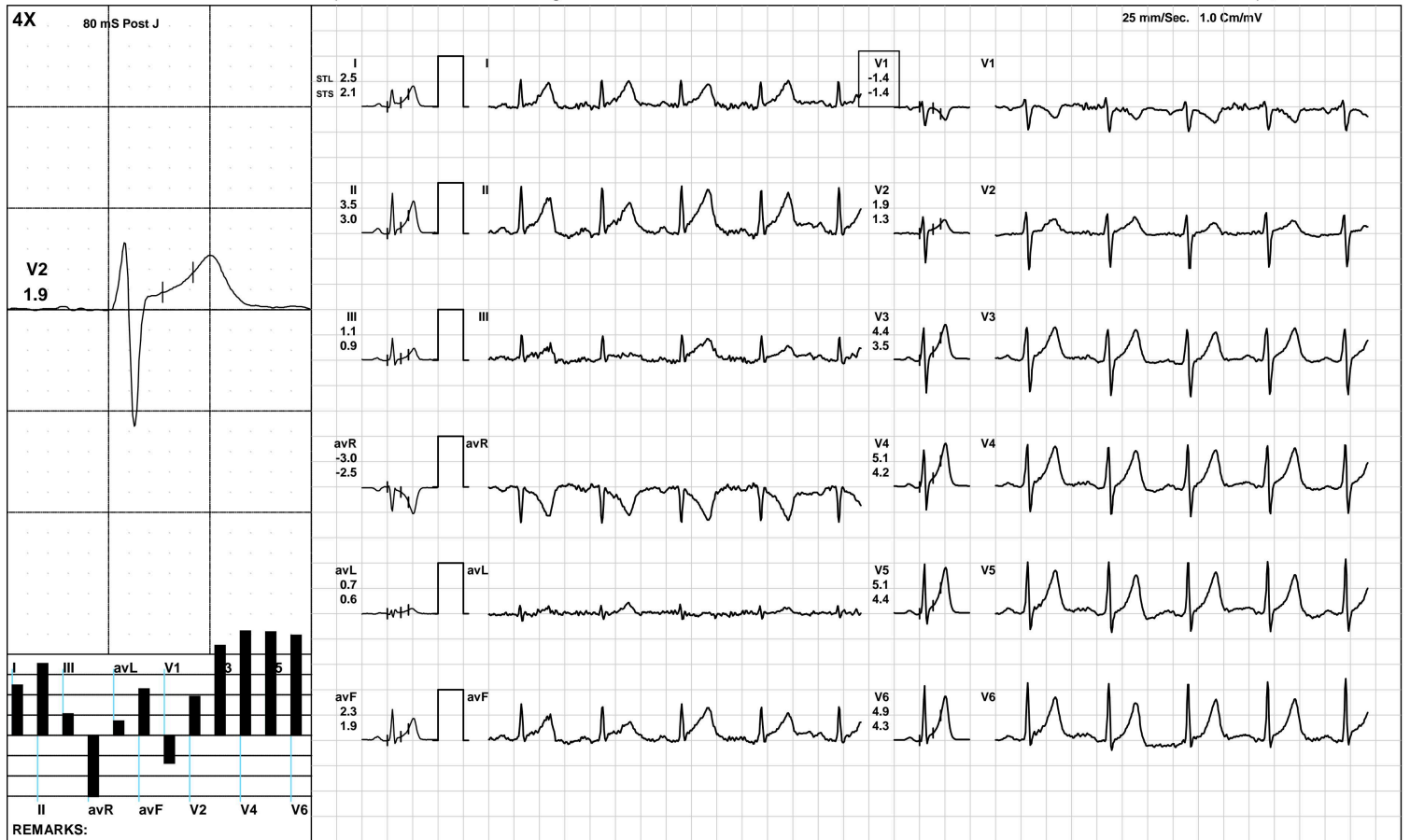
ExStart



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 98

Date: 02-Jul-2023 11:31:46 AM METS: 1.1/ 98 bpm 52% 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%



AAROGYAM DIAGNOSTICS

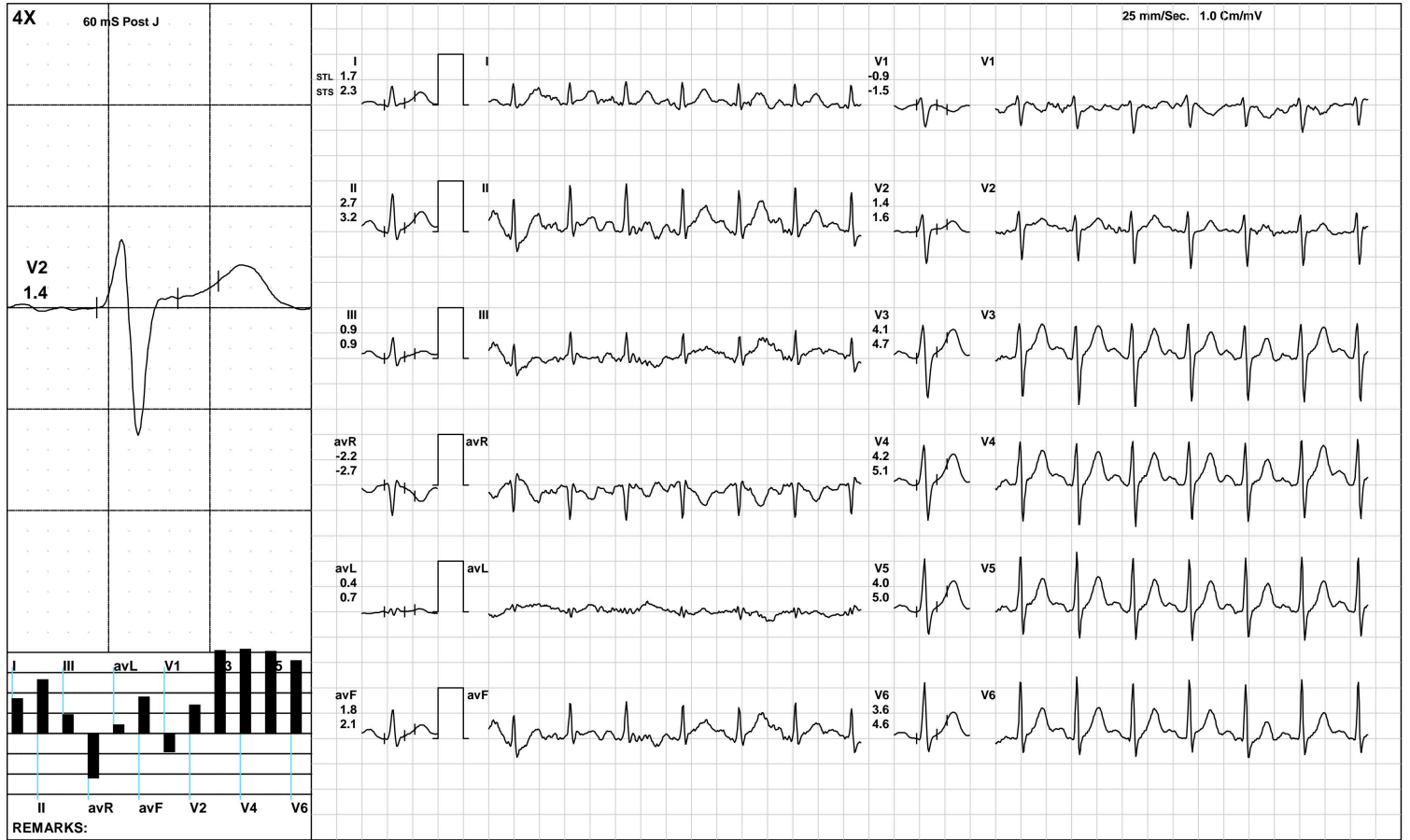
BRUCE:/Stage 1(3:00)



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 133

Date: 02-Jul-2023 11:31:46 AM METS: 4.7/ 133 bpm 70% 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%



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AAROGYAM DIAGNOSTICS

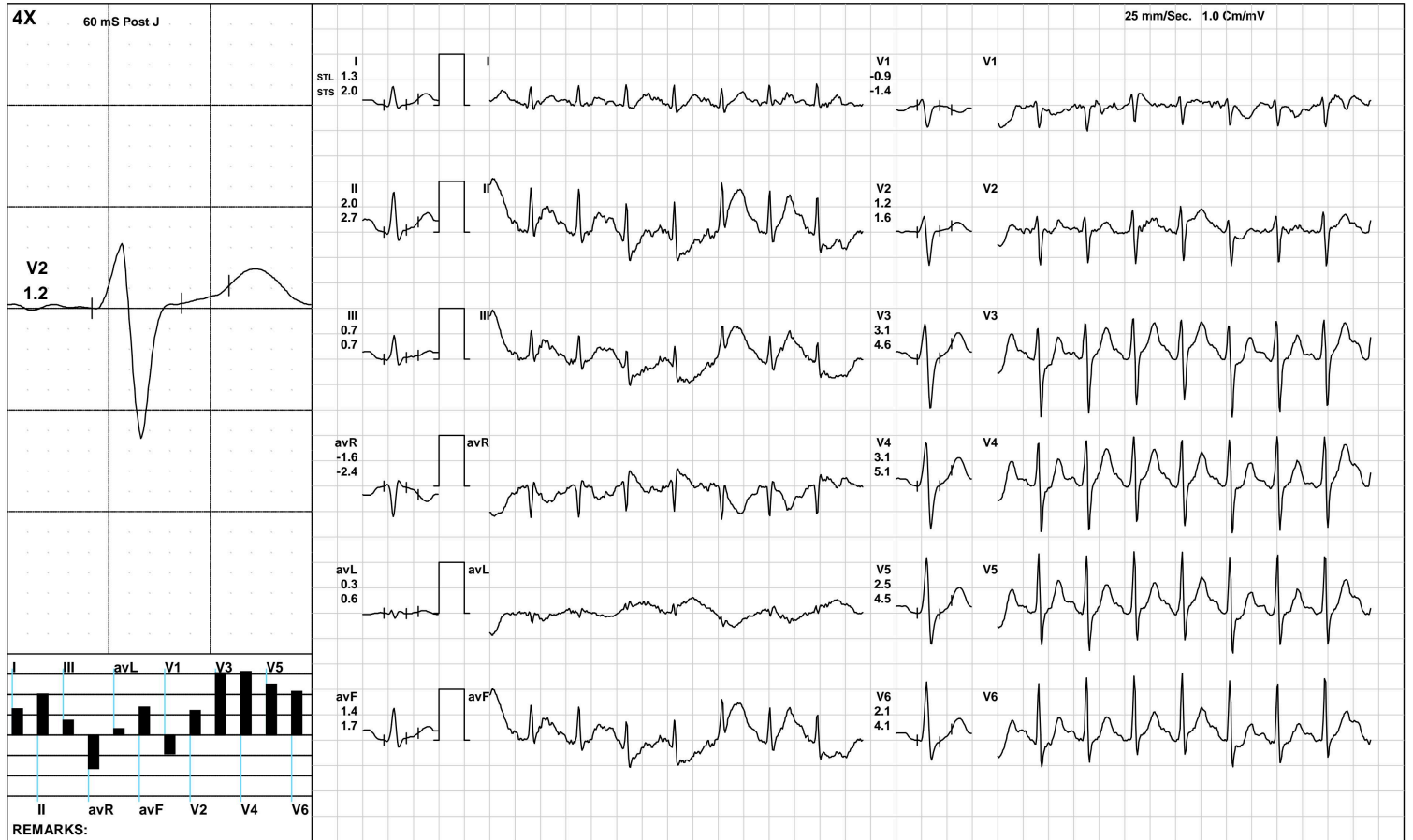
BRUCE/Stage 2(3:00)



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 157

Date: 02-Jul-2023 11:31:46 AM METS: 7.1/ 157 bpm 83% 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

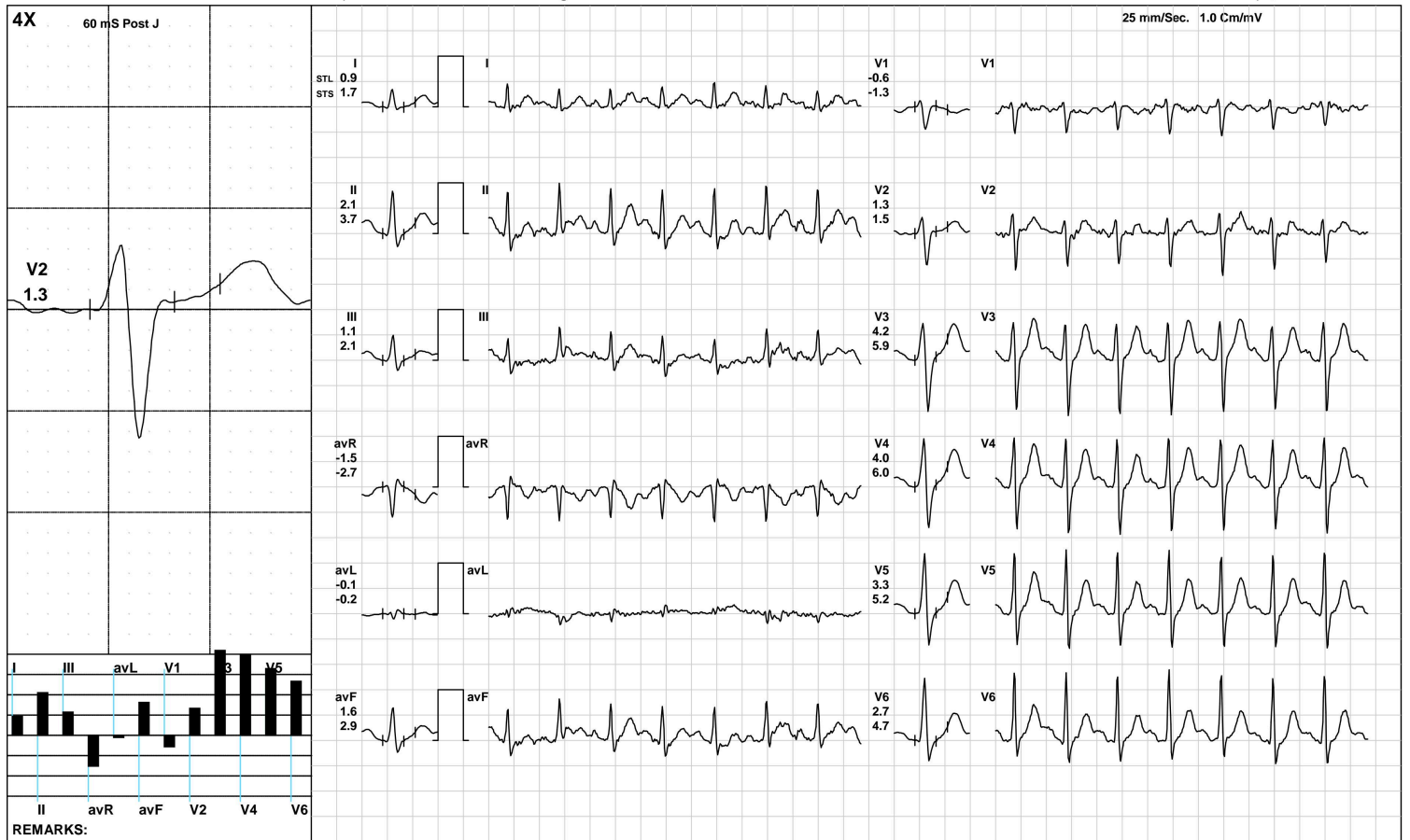
Recovery(1:00)



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 144

Date: 02-Jul-2023 11:31:46 AM METS: 1.2/ 144 bpm 76% of THR BP: 115/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:02 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

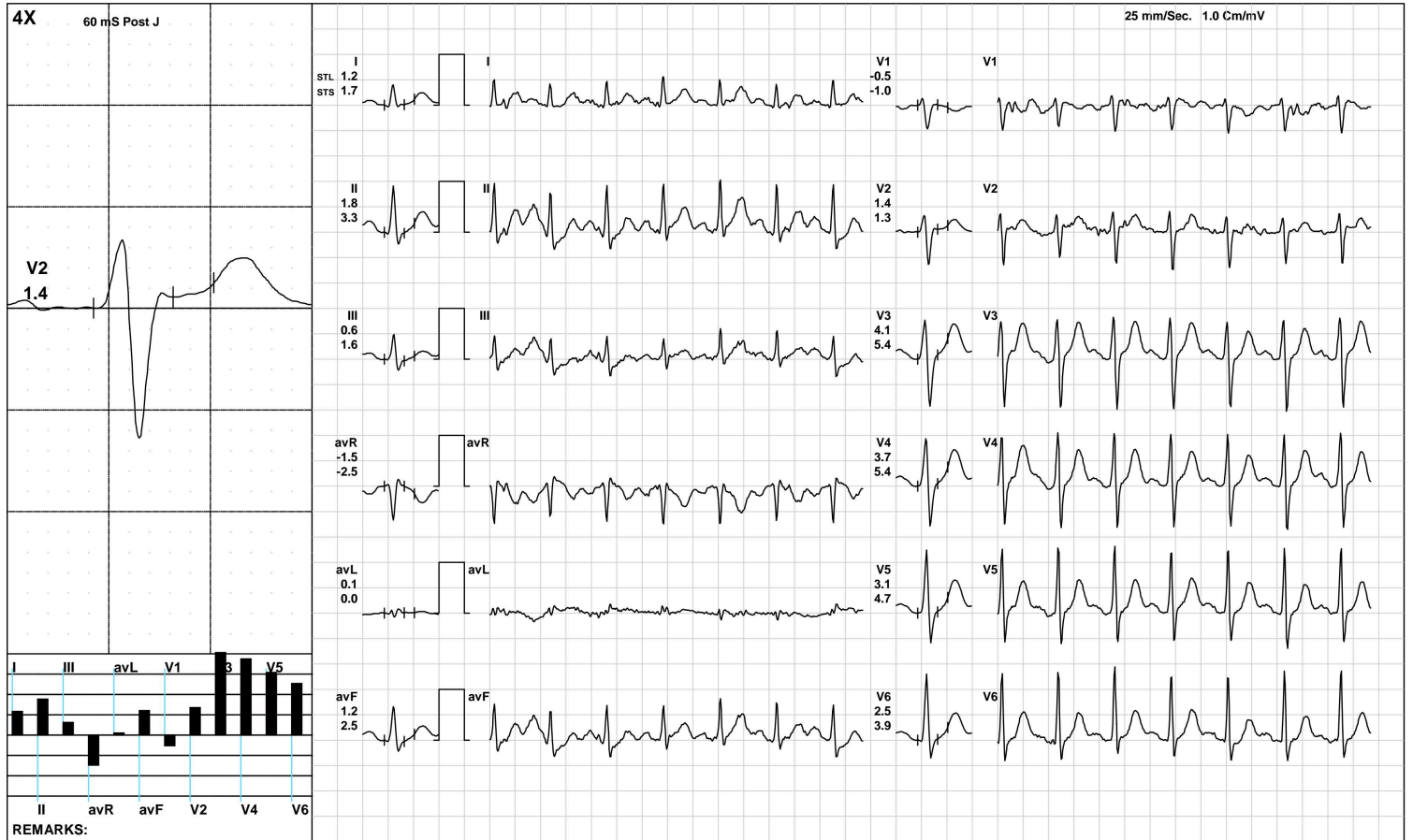
Recovery(2:00)



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 132

Date: 02-Jul-2023 11:31:46 AM METS: 1.0/ 132 bpm 70% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:02 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

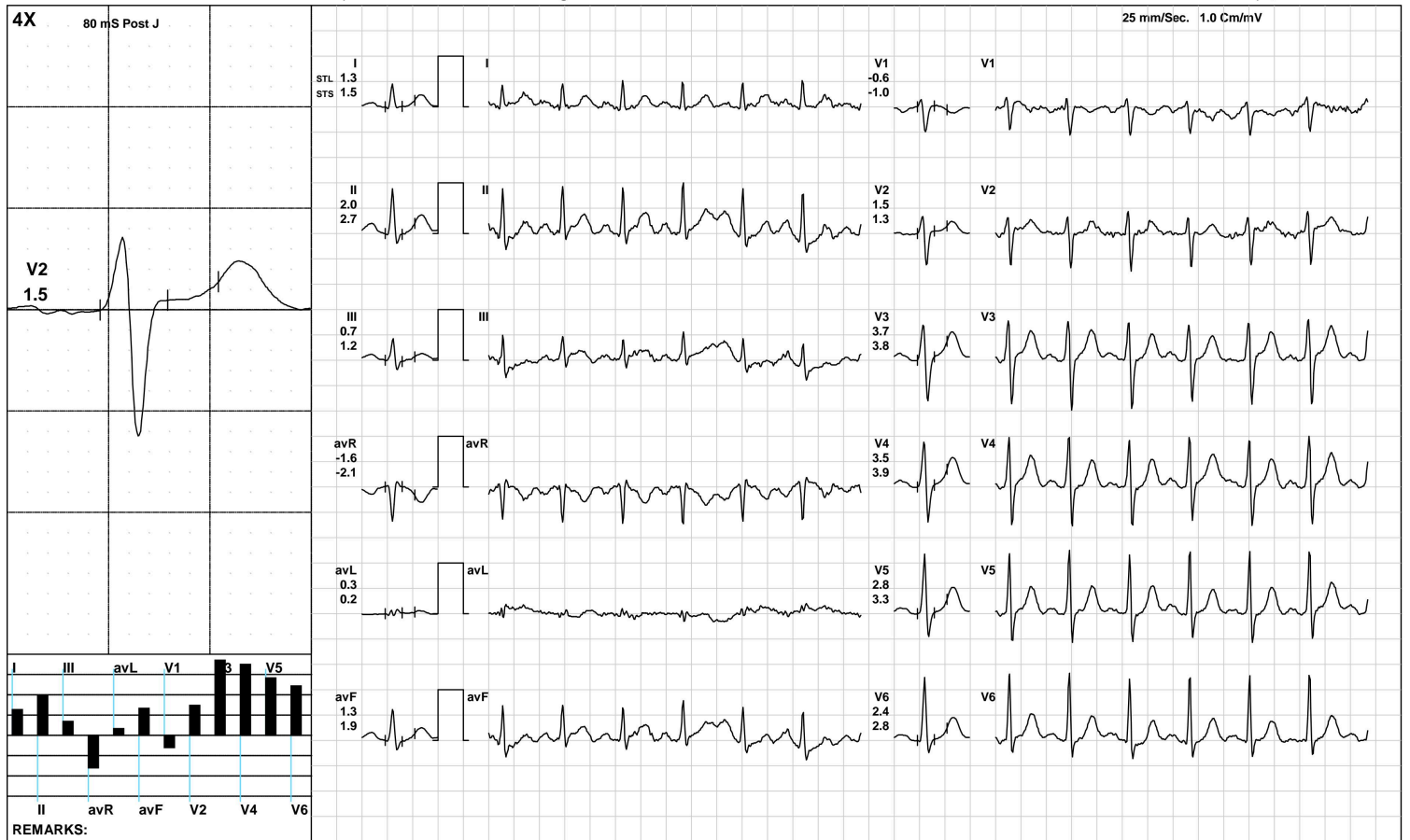
Recovery(3:34)



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 126

Date: 02-Jul-2023 11:31:46 AM METS: 1.0/ 126 bpm 67% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:02 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

ST Measurements



2082 / MR. CHANDRA BHUSHAN / 32 Yrs / M / 168 Cms / 90 Kg / HR : 71

Date: 02-Jul-2023 11:31:46 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	2.7	4.0	1.2	-3.3	0.8	2.6	-1.6	2.0	4.8	5.6	5.6	5.4	2.3	3.3	1.0	-2.8	0.7	2.1	-1.6	1.4	3.8	4.6	4.8	4.7	
80 @mS Standing	2.7	4.0	1.2	-3.3	0.8	2.6	-1.6	2.0	4.8	5.6	5.6	5.4	2.3	3.3	1.0	-2.8	0.7	2.1	-1.6	1.4	3.8	4.6	4.8	4.7	
HV	2.7	3.9	1.1	-3.3	0.8	2.5	-1.6	2.0	4.9	5.6	5.7	5.5	2.4	3.4	1.0	-2.9	0.7	2.2	-1.7	1.4	4.0	4.8	5.0	4.9	
Warm Up	2.1	2.9	0.8	-2.5	0.6	1.9	-1.1	1.7	3.5	4.0	3.9	3.8	1.6	2.2	0.6	-1.9	0.5	1.4	-1.1	1.1	2.7	3.1	3.2	3.1	
ExStart	2.5	3.5	1.1	-3.0	0.7	2.3	-1.4	1.9	4.4	5.1	5.1	4.9	2.1	3.0	0.9	-2.5	0.6	1.9	-1.4	1.3	3.5	4.2	4.4	4.3	
Stage 1	1.7	2.7	0.9	-2.2	0.4	1.8	-0.9	1.4	4.1	4.2	4.0	3.6	2.3	3.2	0.9	-2.7	0.7	2.1	-1.5	1.6	4.7	5.1	5.0	4.6	
Stage 2	1.3	2.0	0.7	-1.6	0.3	1.4	-0.9	1.2	3.1	3.1	2.5	2.1	2.0	2.7	0.7	-2.4	0.6	1.7	-1.4	1.6	4.6	5.1	4.5	4.1	
PeakEx	1.0	1.0	-0.3	-1.3	0.8	0.7	-0.6	1.1	3.1	3.1	2.5	2.0	1.5	1.9	0.3	-2.0	0.3	0.9	-1.1	1.5	5.3	5.4	4.8	4.4	
Recovery	0.9	2.1	1.1	-1.5	-0.1	1.6	-0.6	1.3	4.2	4.0	3.3	2.7	1.7	3.7	2.1	-2.7	-0.2	2.9	-1.3	1.5	5.9	6.0	5.2	4.7	
Recovery	1.2	1.8	0.6	-1.5	0.1	1.2	-0.5	1.4	4.1	3.7	3.1	2.5	1.7	3.3	1.6	-2.5	0.0	2.5	-1.0	1.3	5.4	5.4	4.7	3.9	
Recovery	1.3	2.2	0.9	-1.8	0.2	1.5	-0.6	1.8	4.3	4.2	3.4	2.8	1.7	2.8	1.0	-2.3	0.3	1.9	-1.1	1.7	4.9	4.9	4.2	3.6	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	19.5	30.0	10.5	-24.8	4.6	20.1	-10.9	13.9	35.1	41.1	41.9	39.6
Standing	19.5	30.0	10.5	-24.8	4.6	20.1	-10.9	13.9	35.1	41.1	41.9	39.6
HV	19.2	28.5	9.3	-23.8	4.9	18.9	-10.8	13.8	34.6	40.6	41.7	39.7
Warm Up	19.1	27.6	8.6	-23.5	5.3	18.2	-10.2	14.6	31.9	37.2	37.7	36.2
ExStart	19.4	28.8	9.5	-24.2	4.9	19.2	-10.8	13.9	34.1	40.3	41.1	38.9
Stage 1	6.5	10.6	4.1	-8.5	1.2	7.4	-3.0	5.6	16.1	15.6	15.2	13.3
Stage 2	3.1	6.3	3.1	-4.6	0.3	4.8	-2.2	3.7	8.6	8.4	5.8	4.5
PeakEx	1.8	1.9	-3.0	-3.4	3.6	2.7	-1.6	2.6	6.8	6.1	3.9	2.3
Recovery	2.5	5.9	3.5	-4.2	-0.5	4.7	-1.5	4.8	13.3	12.1	9.4	7.1
Recovery	4.0	5.5	1.5	-4.8	0.6	3.5	-1.5	5.7	15.3	13.5	10.9	9.0
Recovery	5.8	9.6	3.9	-7.6	1.0	6.7	-2.3	8.8	19.5	18.4	14.8	11.5



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	74	166	84	51	439	123	1218	-751	922	-43	V1	-66	0.00	0	0
01:00	106	154	84	50	440	204	1167	-712	898	-33	V1	-98	0.00	0	0
01:30	121	168	86	48	482	177	1120	-773	716	-19	V1	-74	0.00	0	0
02:00	130	144	82	48	472	159	1120	-823	545	-8	V1	-70	0.00	0	0
02:30	130	146	82	48	444	165	1109	-840	598	-18	V1	-72	0.00	0	0
03:00	134	140	82	52	448	188	1108	-860	614	-4	V1	-31	0.00	0	0
03:30	132	144	82	50	446	200	1115	-892	623	5	V1	-36	0.00	0	0
04:00	135	138	82	47	448	193	1153	-887	621	-62	III	-43	0.00	0	0
04:30	143	128	84	48	445	207	1166	-922	610	2	V1	-35	0.00	0	0
05:00	149	120	86	37	337	196	1164	-949	557	20	V1	-40	0.00	0	0
05:30	152	116	86	51	339	197	1161	-974	573	-131	III	-58	0.00	0	0
06:00	154	110	84	48	441	220	1158	-963	611	-120	III	-65	0.00	0	0
06:30	155	110	86	56	437	242	1146	-1008	583	-55	III	-36	0.00	0	0
07:00	160	108	64	55	437	210	1193	-1042	593	-170	III	-55	0.00	0	0
07:30	166	24	-102	54	69	-921	1207	-1026	-931	-921	V6	-933	0.00	0	0
08:00	160	96	62	51	341	223	1153	-1054	595	-181	III	-35	0.00	0	0
08:30	147	112	86	53	425	262	1229	-1024	724	2	V1	-72	0.00	0	0
09:00	140	124	86	50	429	266	1287	-1036	754	25	V1	-48	0.00	0	0
09:30	133	134	86	49	434	228	1321	-1004	739	17	V1	-24	0.00	0	0
10:00	131	132	88	44	448	261	1269	-992	698	19	V1	-42	0.00	0	0
10:30	127	146	84	49	441	204	1262	-948	642	15	V1	-65	0.00	0	0
11:00	123	148	86	45	459	257	1258	-928	621	13	V1	-56	0.00	0	0



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 info@aarogyamdiagnostics.com
 www.aarogyamdiagnostics.com

Date	02/07/2023	Srl No.	2	Patient Id	2307020002
Name	Mr. CHANDRA BHUSHAN	Age	32 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.4	%	

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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 info@aarogyamdiagnostics.com
 www.aarogyamdiagnostics.com

Date	02/07/2023	Srl No. 2	Patient Id 2307020002
Name	Mr. CHANDRA BHUSHAN	Age 32 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.5	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,000	/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)	11	mm/1st hr.	0 - 15
R B C COUNT	4.52	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	40.5	%	40 - 54
M C V	89.6	fl.	80 - 100
M C H	29.87	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.10	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	85.1	mg/dl	70 - 110
SERUM CREATININE	0.82	mg%	0.7 - 1.4
BLOOD UREA	20.2	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.1	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	02/07/2023	Srl No. 2	Patient Id 2307020002
Name	Mr. CHANDRA BHUSHAN	Age 32 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.57	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.21	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.36	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.55	gm/dl	6.6 - 8.3
ALBUMIN	4.1	gm/dl	3.4 - 5.2
GLOBULIN	2.45	gm/dl	2.3 - 3.5
A/G RATIO	1.673		
SGOT	35.8	IU/L	5 - 40
SGPT	40.6	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	105.12	U/L	40.0 - 130.0
GAMMA GT	24.6	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	108.6	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	146.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	47.9	mg/dL	35.1 - 88.0
V L D L	21.72	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	76.48	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.05		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.597		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



Date	02/07/2023	Srl No.	2	Patient Id	2307020002
Name	Mr. CHANDRA BHUSHAN	Age	32 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	1-3	/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.



ISO 9001 : 2015
AAROGYAM DIAGNOSTICS
 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

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Date	02/07/2023	Srl No.	2	Patient Id	2307020002
Name	Mr. CHANDRA BHUSHAN	Age	32 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



MC-2024

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



30704100047

TEST REPORT

Reg.No : 30704100047	Reg.Date : 03-Jul-2023 13:30	Collection : 03-Jul-2023 13:30
Name : MR. CHANDRA BHOSHAN		Received : 03-Jul-2023 13:30
Age : 32 Years	Sex : Male	Report : 03-Jul-2023 14:52
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 03-Jul-2023 15:12
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine)	1.40	ng/mL	0.6 - 1.52
T4 (Thyroxine) <small>CMIA</small>	8.68	µg/dL	5.5 - 11.0
TSH (ultra sensitive) <small>CMIA</small>	2.257	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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