



भारत सरकार

GOVERNMENT OF INDIA



हेमंत कुमार

Hemant Kumar

जन्म तिथि / DOB: 25/12/1986

पुरुष / MALE

Mobile No.: 9852486426



6269 6864 2967

मेरा आधार, मेरी पहचान



भारतीय विशिष्ट पहचान प्राधिकरण

UNIQUE IDENTIFICATION AUTHORITY OF INDIA

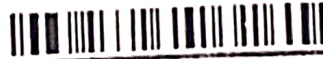
पता:
आत्मज: जनार्दन प्रसाद, ग्राम-संधा, थाना- मुफसिल, चपरा,
सारन,
बिहार - 841301

QR Code with Photograph



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S/O: Janardhan Prasad, gram-sandha,
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ID: 431

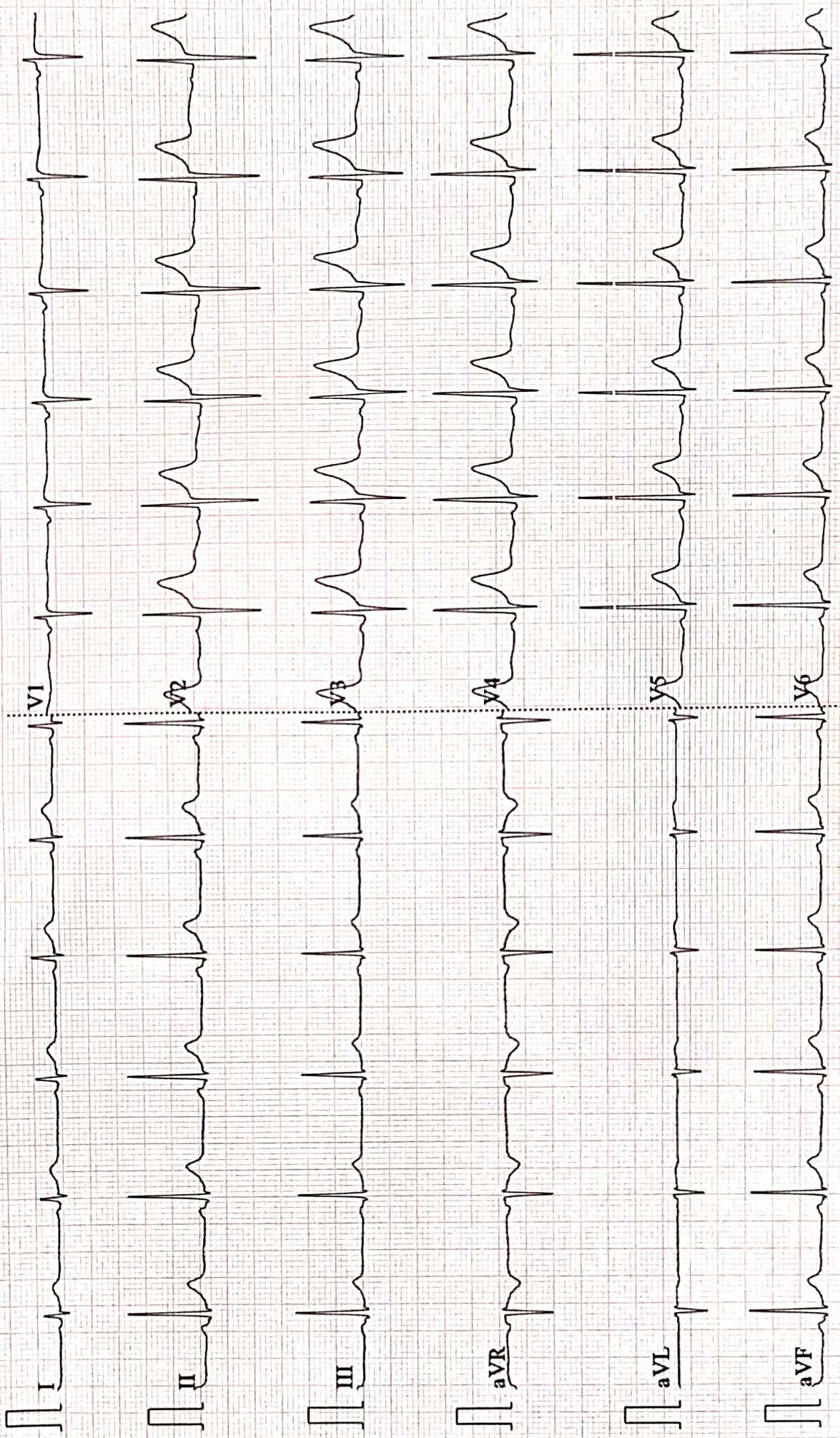
HEMANT KUMAR
Male 36Years

V1 V2 V3 V4 V5 V6

HR : 72 bpm
 P : 90 ms
 PR : 129 ms
 QRS : 79 ms
 QT/QTc : 347/380 ms
 P/QRST : 62.75/54 °
 RV5/SV1 : 1.872/0.828 mV

Diagnosis Information:
 Sinus Arrhythmia

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

Date	07/05/2023	Srl No.	3	Patient Id	2305070003
Name	Mr. HEMANT KUMAR	Age	36 Yrs.	Sex	M
Ref. By	Dr.BOB				

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

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Date	07/05/2023	Srl No. 3	Patient Id 2305070003
Name	Mr. HEMANT KUMAR	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.2	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,900	/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	4.40	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	39.10	%	40 - 54
M C V	88.86	fl.	80 - 100
M C H	30	Picogram	27.0 - 31.0
M C H C	33.8	gm/dl	33 - 37
PLATELET COUNT	2.20	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"AB"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	87.8	mg/dl	70 - 110
SERUM CREATININE	1.09	mg%	0.7 - 1.4
BLOOD UREA	23.01	mg /dl	15.0 - 45.0
SERUM URIC ACID	6.2	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



Date	07/05/2023	Srl No. 3	Patient Id 2305070003
Name	Mr. HEMANT KUMAR	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.68	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.23	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.45	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	27.4	IU/L	5 - 40
SGPT	32.8	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	96.5	U/L	40.0 - 130.0
GAMMA GT	22.6	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	84.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	125.6	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	50.1	mg/dL	35.1 - 88.0
V L D L	16.9	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	58.6	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.507		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.17		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



Date	07/05/2023	Srl No. 3	Patient Id 2305070003
Name	Mr. HEMANT KUMAR	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.010		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/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	07/05/2023	Srl No.	3	Patient Id	2305070003
Name	Mr. HEMANT KUMAR	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



Name :- Hemant Kumar
Refd by :- Corp.

Age/Sex:36Yrs/M
Date :-07/05/23

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size(14.2cm) 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(9.2cm)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 9.3cm and Left Kidney measures 8.8 cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (15.4cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Mild Hepatomegaly with Grade-I fatty liver.
Otherwise normal scan.*

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



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg Date: 07-May-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	76	41 %	120/80	091	00	
Standing	00:08	0:01	00.0	00.0	01.0	79	43 %	120/80	094	00	
HV	00:20	0:01	00.0	00.0	01.0	089	48 %	120/80	106	00	
Warm Up	00:41	0:01	01.0	00.0	01.0	076	41 %	120/80	091	00	
ExStart	01:00	0:06	01.7	10.0	01.1	103	56 %	120/80	123	00	
BRUCE/ Stage 1	04:00	3:00	01.7	10.0	04.7	132	72 %	125/85	165	00	
BRUCE/ Stage 2	07:00	3:00	02.5	12.0	07.1	158	86 %	130/90	205	00	
PeakEx	08:01	1:01	03.4	14.0	08.2	172	93 %	130/90	223	00	
Recovery	09:00	1:00	01.1	00.0	01.2	142	77 %	125/85	177	00	
Recovery	10:00	2:00	01.1	00.0	01.0	129	70 %	120/80	154	00	
Recovery	11:22	3:21	01.1	00.0	01.0	118	64 %	120/80	141	00	

Findings :

Exercise Time : 07:02
 Max HR Attained : 172 bpm 93% of Target 184
 Max BP Attained : (Sys) 130/90
 Max WorkLoad Attained : 8.2 Fair response to induced stress
 Max ST Dep Lead & Value : V1 & -0.7 mm in Stage 1 mm
 Test End Reasons : Leg Pain

Report :

Aarogam Diagnostics

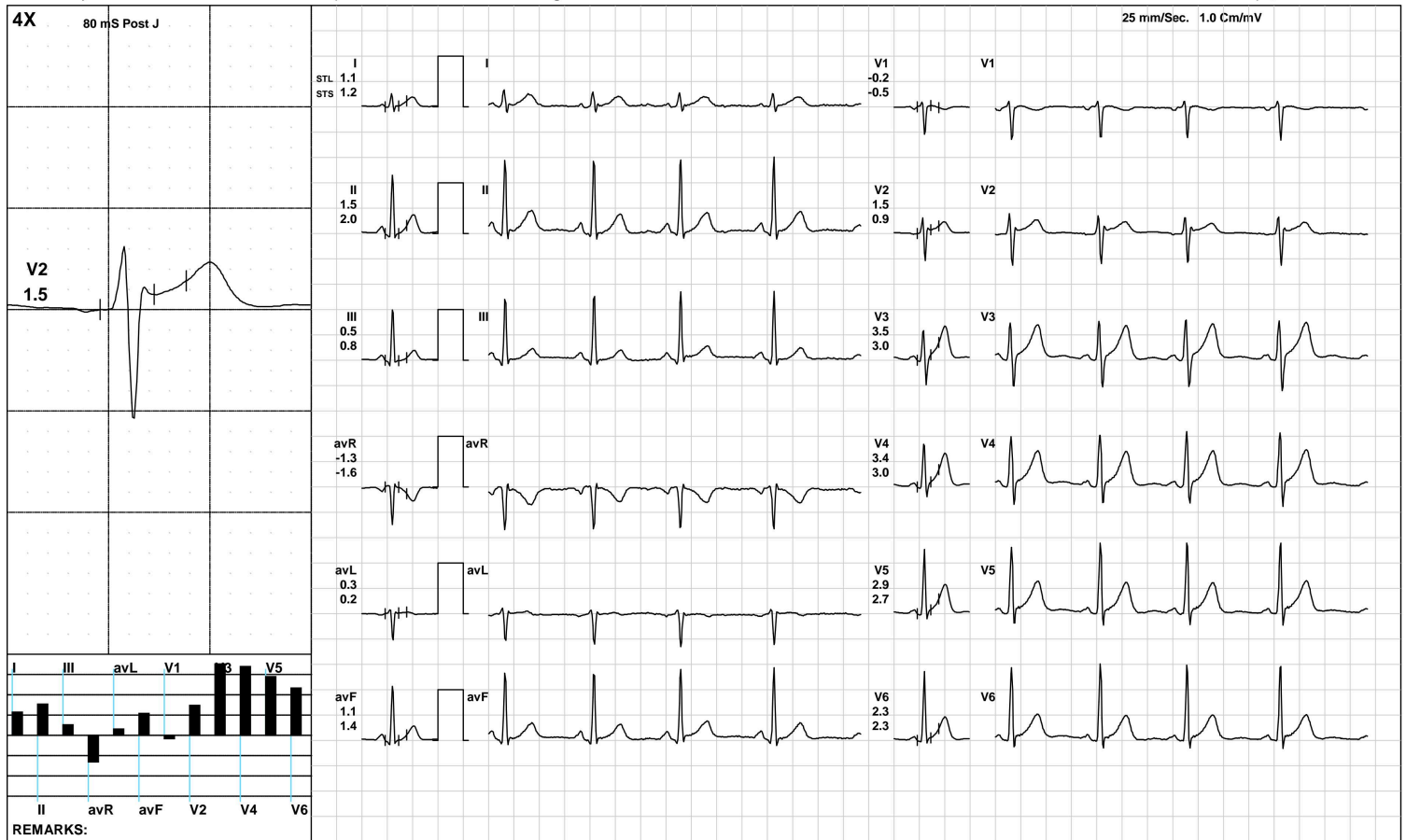
Supine



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 76

Date: 07-May-2023 10:35:32 AM METS: 1.0/ 76 bpm 41% of THR BP: 120/80 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

Aarogam Diagnostics

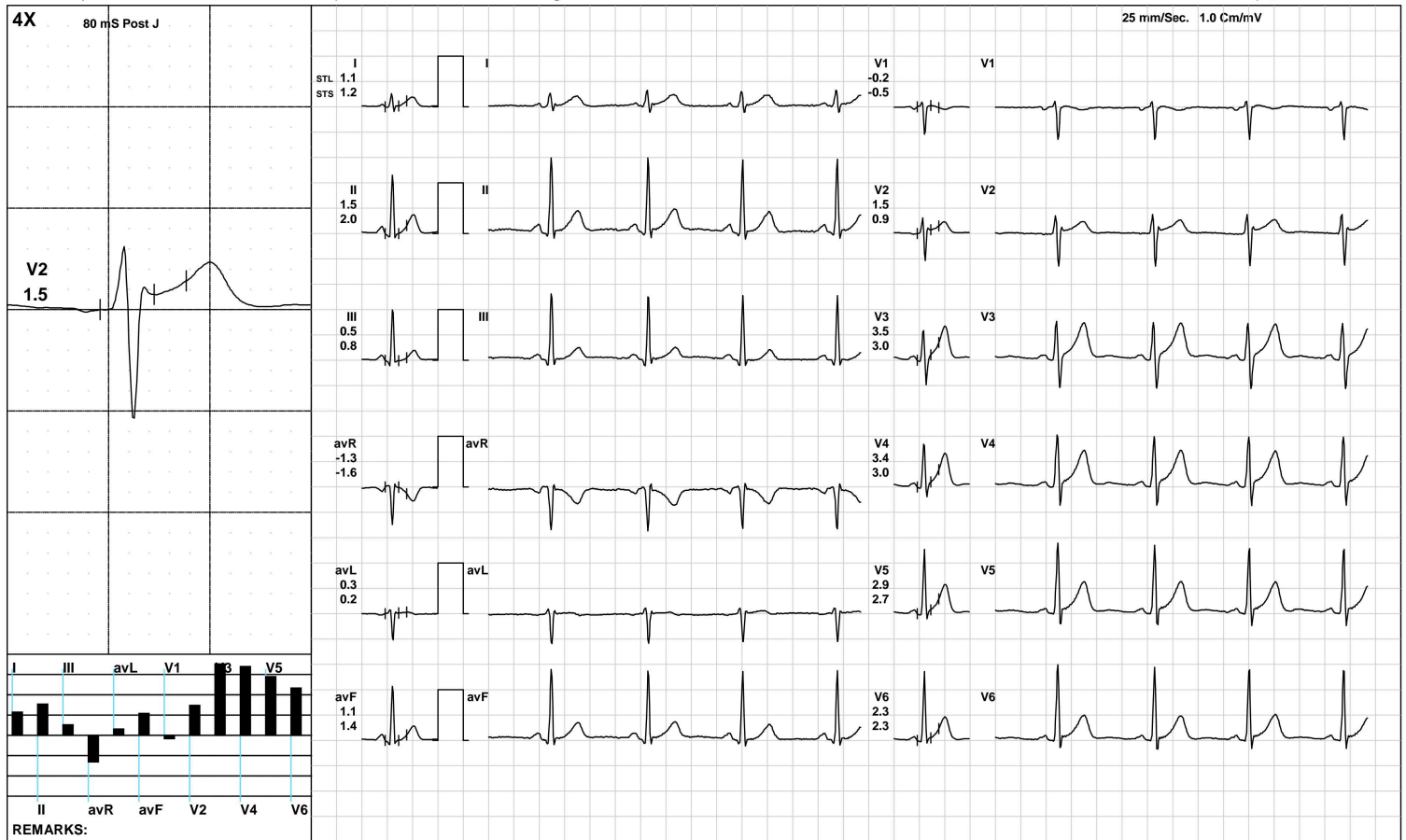
Standing



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 79

Date: 07-May-2023 10:35:32 AM METS: 1.0/ 79 bpm 42% of THR BP: 120/80 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

Aarogam Diagnostics

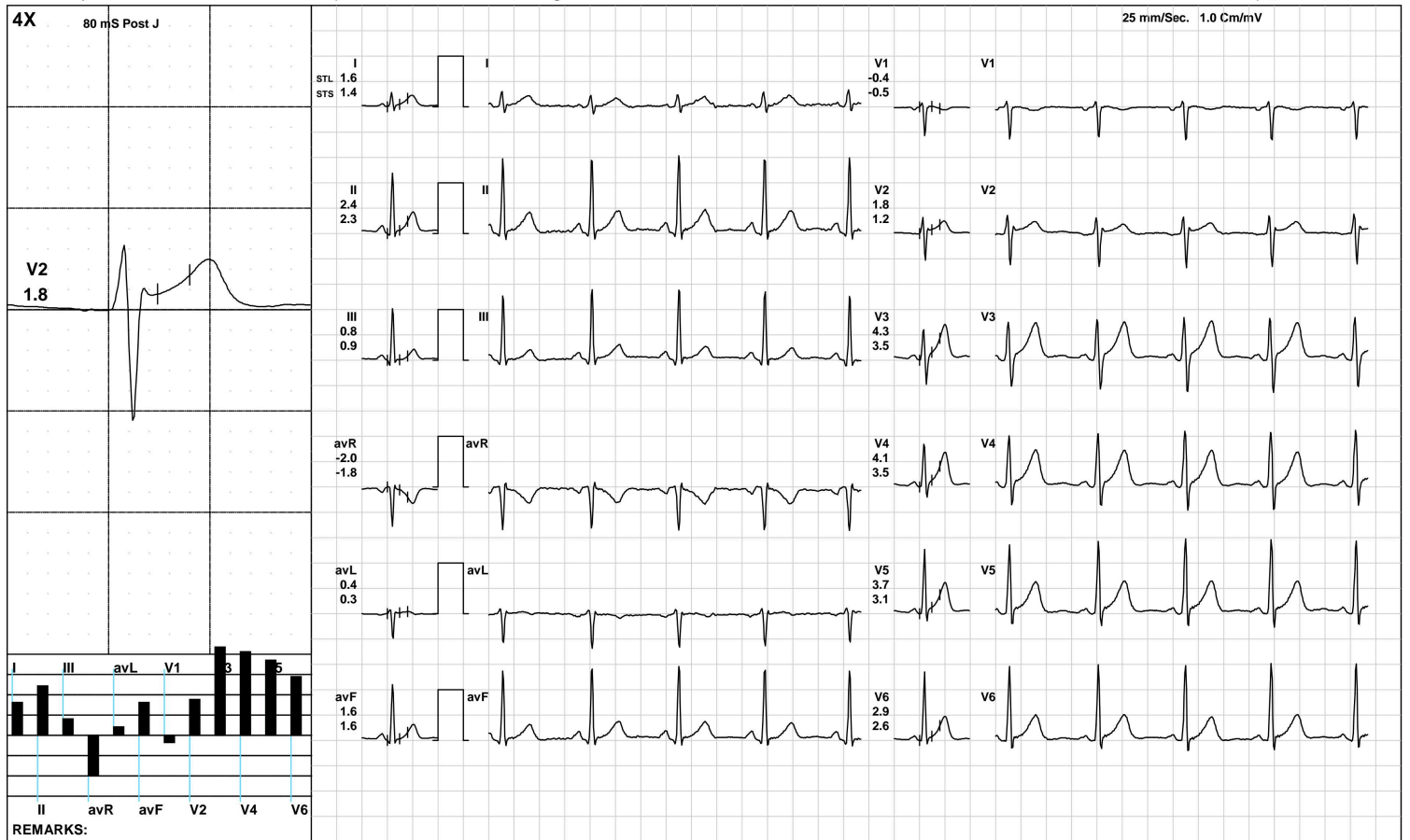
HV



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 89

Date: 07-May-2023 10:35:32 AM METS: 1.0/ 89 bpm 48% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:20 0.0 mph, 0.0%



Aarogam Diagnostics

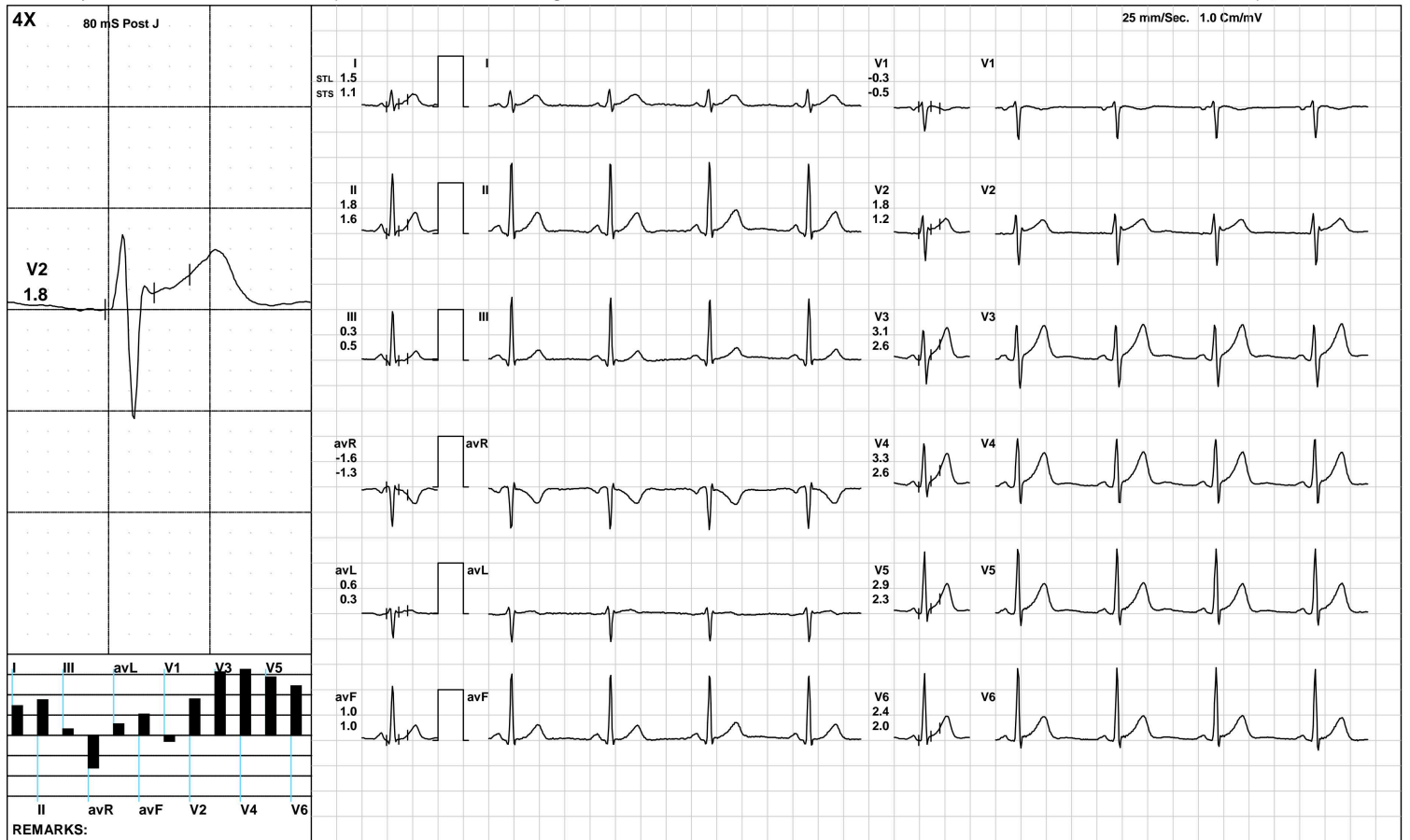
Warm Up



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 76

Date: 07-May-2023 10:35:32 AM METS: 1.0/ 76 bpm 41% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:41 1.0 mph, 0.0%



Aarogam Diagnostics

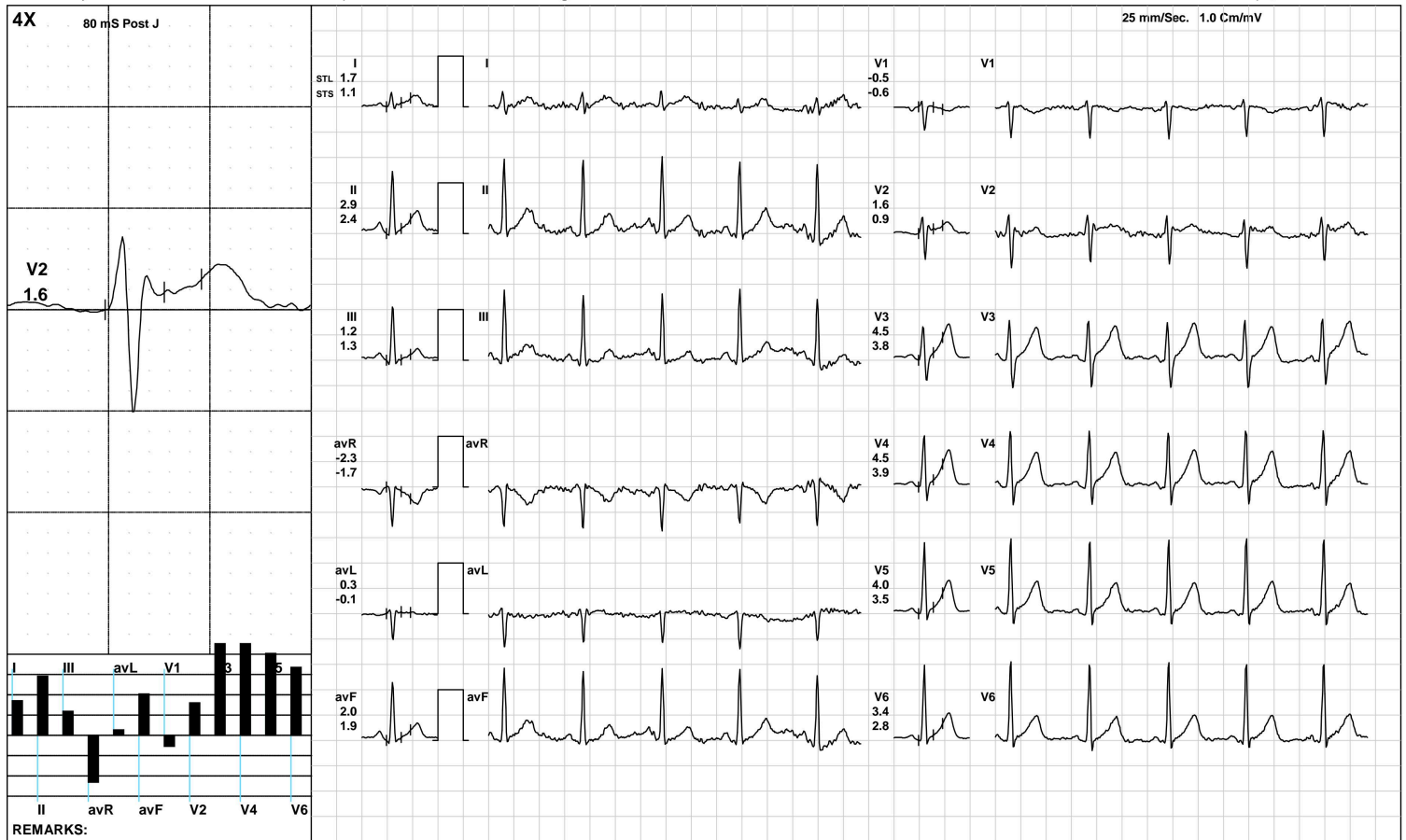
ExStart



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 103

Date: 07-May-2023 10:35:32 AM METS: 1.1/ 103 bpm 55% of THR BP: 120/80 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

Aarogam Diagnostics

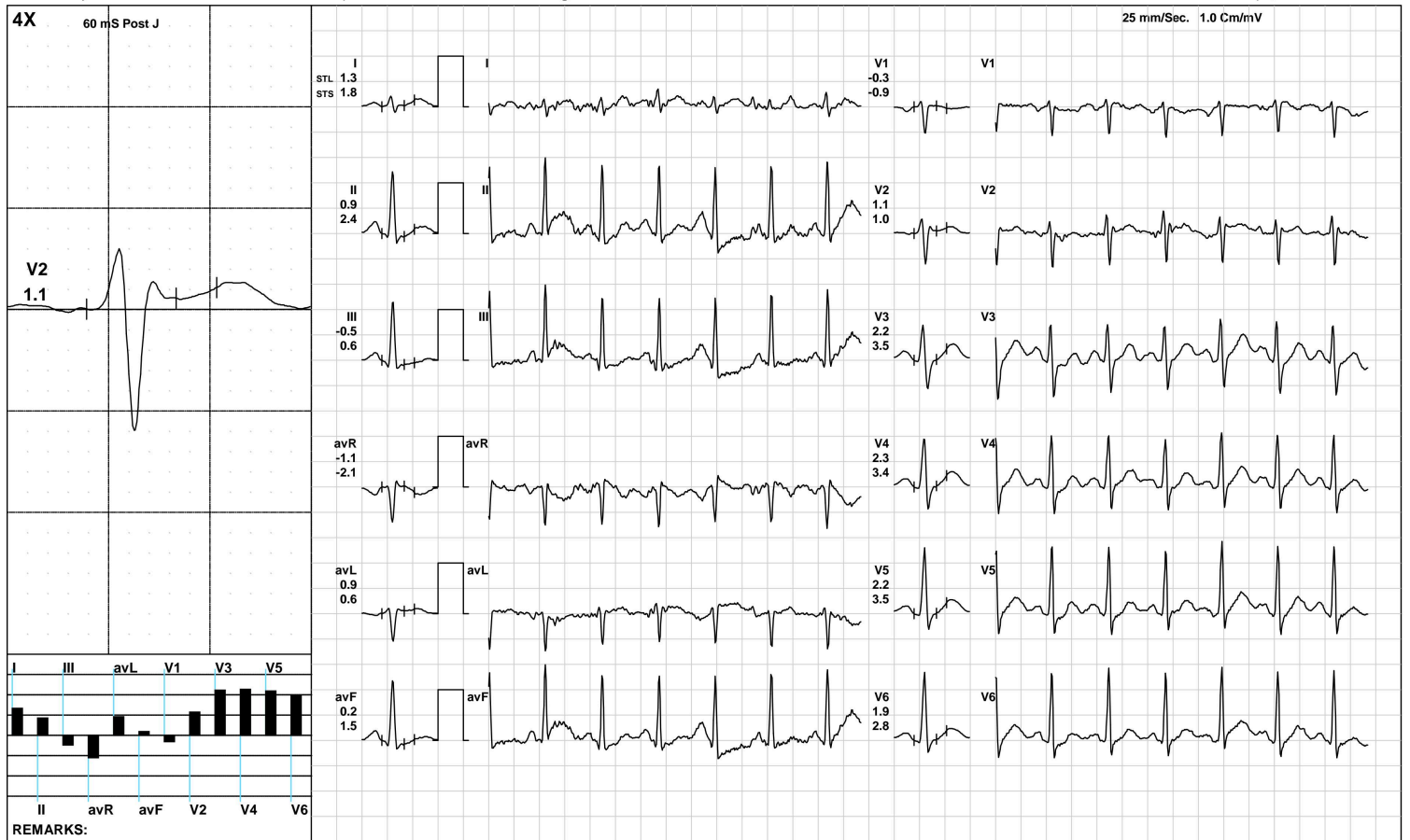
BRUCE/Stage 1(3:00)



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 132

Date: 07-May-2023 10:35:32 AM METS: 4.7/ 132 bpm 71% of THR BP: 125/85 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

Aarogam Diagnostics

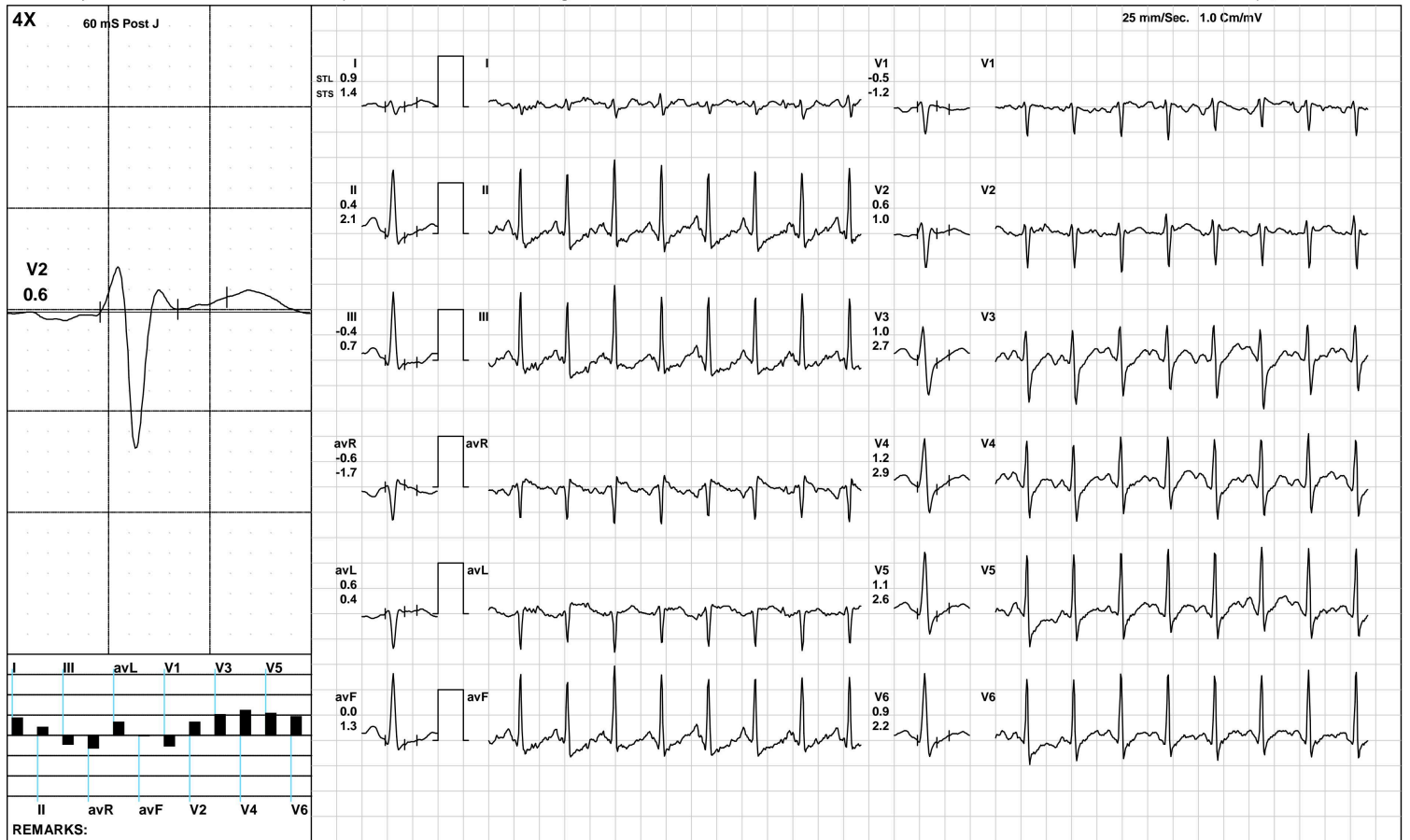
BRUCE/:Stage 2(3:00)



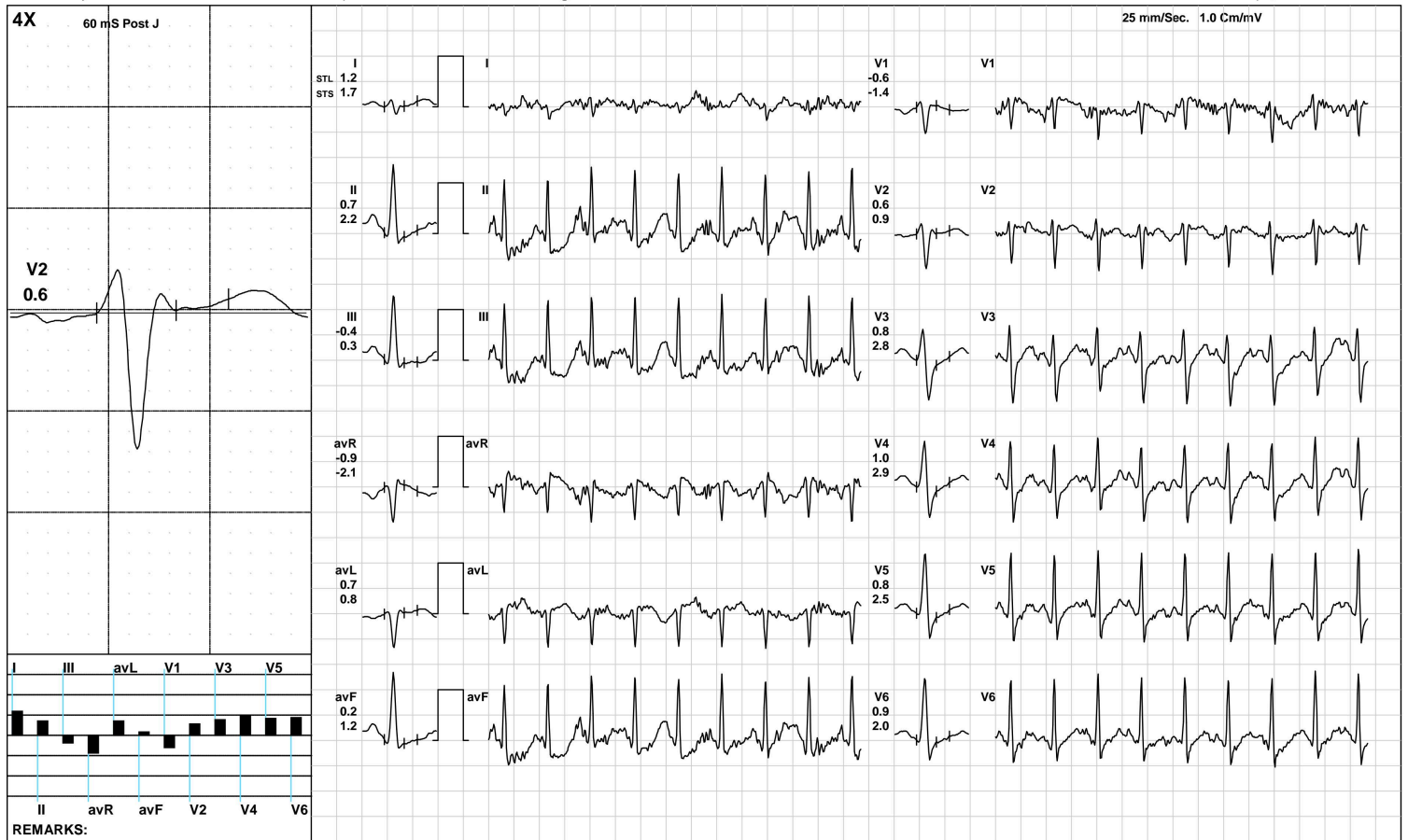
1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 158

Date: 07-May-2023 10:35:32 AM METS: 7.1/ 158 bpm 85% of THR BP: 130/90 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



Aarogam Diagnostics

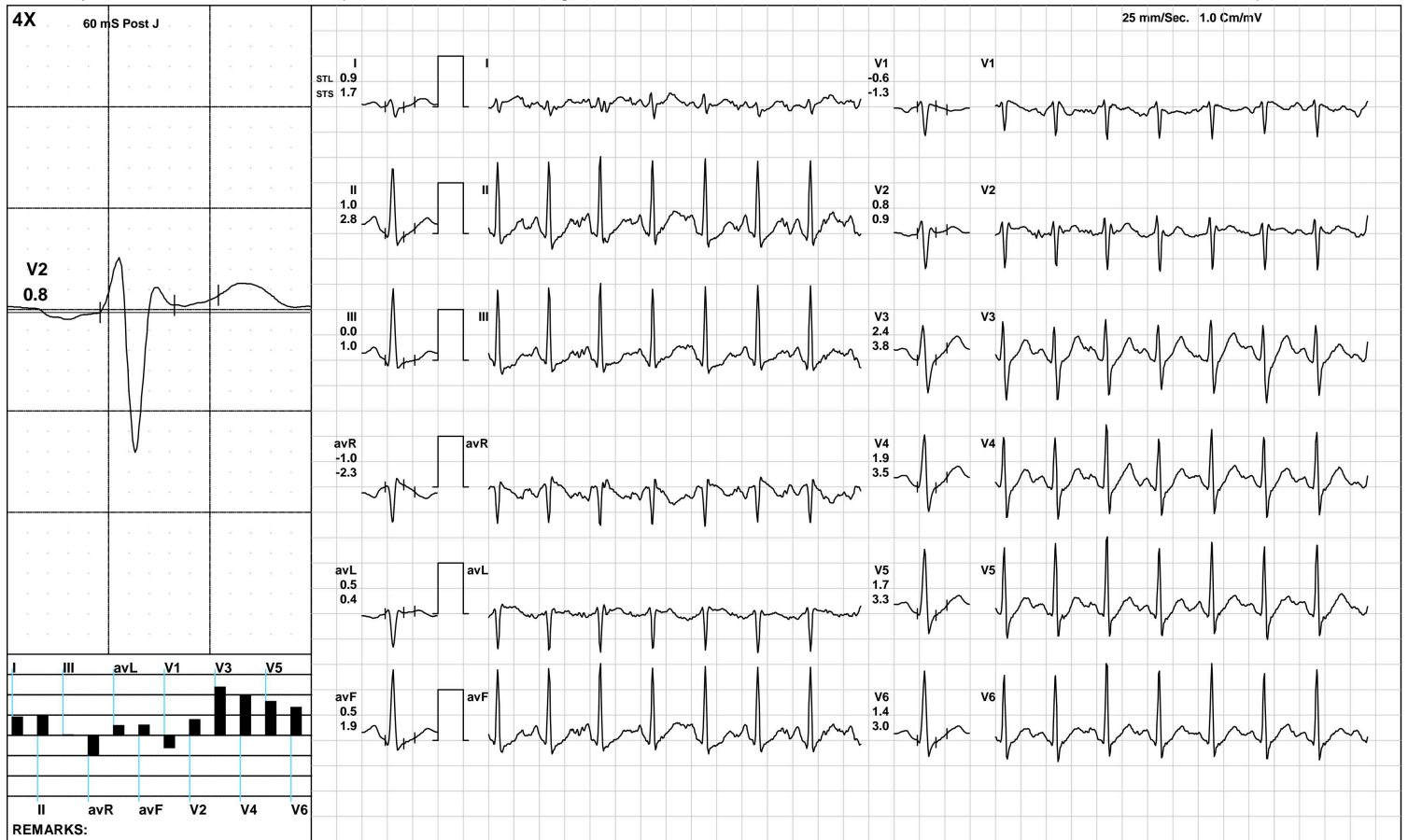
Recovery(1:00)



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 142

Date: 07-May-2023 10:35:32 AM METS: 1.2/ 142 bpm 77% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:02 1.1 mph, 0.0%



Aarogam Diagnostics

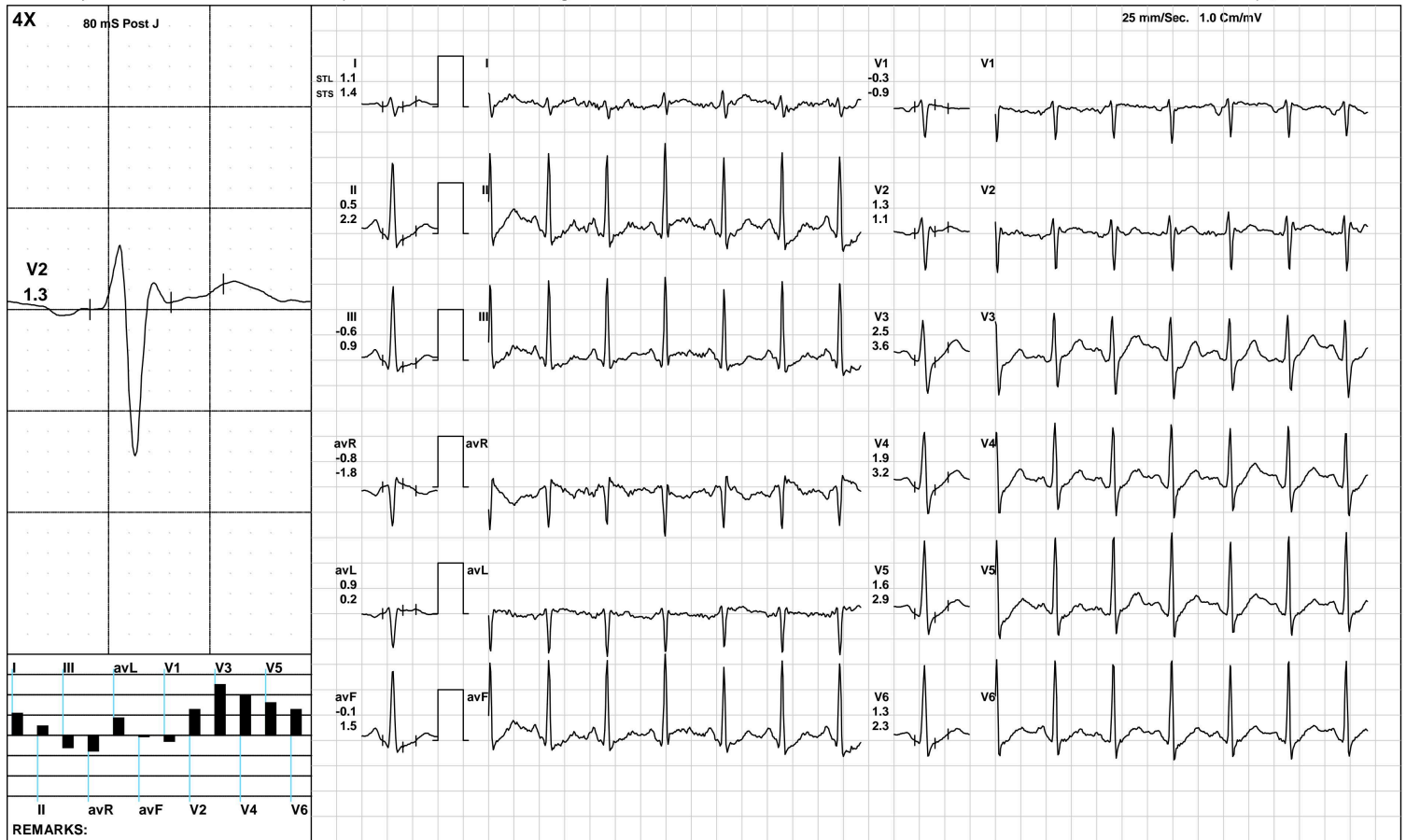
Recovery(2:00)



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 129

Date: 07-May-2023 10:35:32 AM METS: 1.0/ 129 bpm 70% of THR BP: 120/80 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

Aarogam Diagnostics

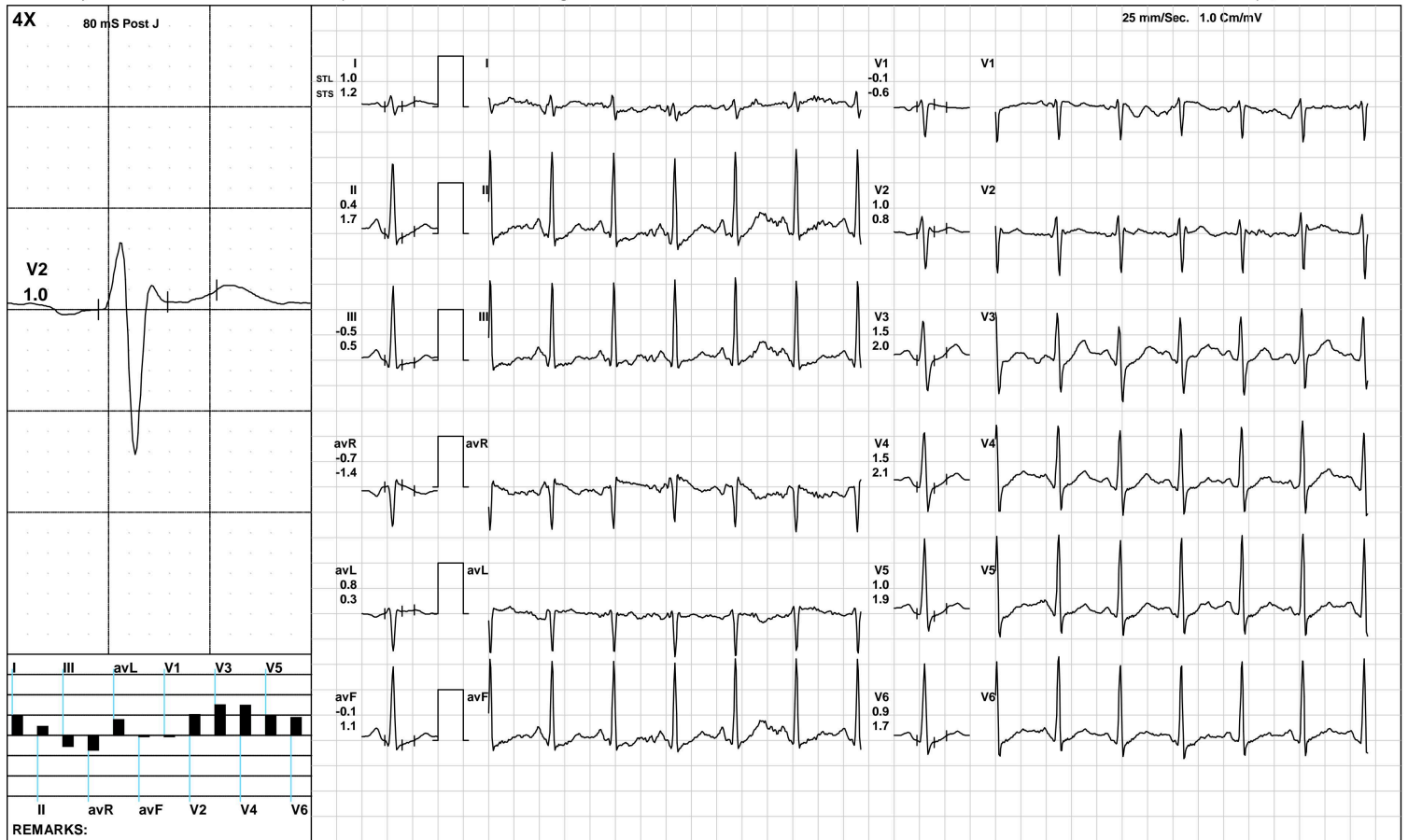
Recovery(3:21)



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 118

Date: 07-May-2023 10:35:32 AM METS: 1.0/ 118 bpm 64% of THR BP: 120/80 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



1984 / MR. HEMANT KUMAR / 36 Yrs / M / 171 Cms / 73 Kg / HR : 97

Date: 07-May-2023 10:35:32 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	1.1	1.5	0.5	-1.3	0.3	1.1	-0.2	1.5	3.5	3.4	2.9	2.3	1.2	2.0	0.8	-1.6	0.2	1.4	-0.5	0.9	3.0	3.0	2.7	2.3	
80 @mS Standing	1.1	1.5	0.5	-1.3	0.3	1.1	-0.2	1.5	3.5	3.4	2.9	2.3	1.2	2.0	0.8	-1.6	0.2	1.4	-0.5	0.9	3.0	3.0	2.7	2.3	
HV	1.1	1.5	0.5	-1.3	0.3	1.1	-0.2	1.5	3.5	3.4	2.9	2.3	1.2	2.0	0.8	-1.6	0.2	1.4	-0.5	0.9	3.0	3.0	2.7	2.3	
Warm Up	1.5	2.4	0.9	-1.9	0.3	1.6	-0.3	1.7	4.2	4.1	3.6	2.9	1.3	2.2	0.9	-1.7	0.2	1.5	-0.5	1.2	3.3	3.4	3.0	2.5	
ExStart	1.7	2.5	0.9	-2.1	0.4	1.8	-0.6	1.9	3.7	3.7	3.1	2.8	1.5	2.4	0.9	-2.0	0.3	1.6	-0.6	1.4	3.1	3.3	2.9	2.5	
Stage 1	1.3	1.2	-0.1	-1.3	0.8	0.5	-0.7	1.2	3.4	3.1	2.8	2.3	1.6	2.2	0.6	-1.8	0.5	1.4	-0.9	1.0	3.8	3.6	3.2	2.6	
Stage 2	0.6	0.1	-0.6	-0.4	0.6	-0.3	-0.4	0.3	0.4	0.5	0.6	0.7	1.0	1.9	0.9	-1.4	0.1	1.4	-0.7	-0.1	2.9	3.1	2.8	2.3	
PeakEx	0.9	0.3	-0.7	-0.6	0.8	-0.2	-0.5	0.7	0.9	0.9	0.8	0.7	1.4	1.6	0.1	-1.6	0.7	0.9	-1.1	1.1	2.9	2.9	2.8	2.4	
Recovery	1.3	0.7	-0.6	-1.0	0.9	0.1	-0.3	1.1	1.8	1.6	1.5	1.3	1.7	2.7	0.9	-2.2	0.5	1.8	-0.8	1.1	3.9	3.6	3.4	2.9	
Recovery	1.3	0.7	-0.6	-1.0	1.0	0.1	-0.2	1.4	2.6	2.2	2.1	1.5	1.2	1.8	0.5	-1.5	0.4	1.1	-0.6	1.1	3.6	3.3	3.0	2.4	
Recovery	1.0	0.4	-0.5	-0.7	0.8	-0.1	-0.1	1.0	1.5	1.5	1.0	0.9	1.2	1.7	0.5	-1.4	0.3	1.1	-0.6	0.8	2.0	2.1	1.9	1.7	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		9.2	14.5	6.1	-11.6	1.5	10.6	-1.3	12.3	31.0	30.2	26.0	20.5
Standing		9.2	14.5	6.1	-11.6	1.5	10.6	-1.3	12.3	31.0	30.2	26.0	20.5
HV		9.2	14.5	6.1	-11.6	1.5	10.6	-1.3	12.3	31.0	30.2	26.0	20.5
Warm Up		10.8	18.1	7.3	-14.4	1.7	12.6	-1.8	12.5	32.3	31.1	27.4	21.9
ExStart		13.1	20.2	8.1	-16.6	2.3	14.9	-4.5	14.4	30.9	30.4	25.9	22.3
Stage 1		6.4	4.5	-2.2	-5.5	4.5	1.1	-3.0	6.1	16.5	14.5	13.5	11.2
Stage 2		1.4	-2.2	-4.0	0.1	2.9	-3.1	-1.2	0.4	-1.6	-0.8	-0.5	0.7
PeakEx		1.6	-2.6	-4.2	0.4	2.7	-3.4	-0.7	1.3	-0.8	-0.9	-1.9	-0.9
Recovery		4.2	-0.7	-4.4	-1.4	4.1	-2.6	-0.5	3.8	3.5	3.1	3.0	2.8
Recovery		6.3	0.8	-5.6	-3.7	6.0	-2.4	0.2	7.5	10.7	7.7	8.2	5.4
Recovery		5.0	0.6	-4.4	-3.0	4.7	-1.9	0.8	5.6	7.7	7.1	3.6	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	93	232	68	81	424	209	1446	-631	694	-3	V1	-14	0.00	0	0
01 : 00	112	196	74	83	450	229	1495	-602	720	0	V1	-28	0.00	0	0
01 : 30	117	170	70	85	480	310	1458	-624	575	-117	III	-80	0.00	0	0
02 : 00	129	132	70	86	469	260	1432	-626	422	-5	V1	-37	0.00	0	0
02 : 30	135	142	70	87	445	257	1422	-640	457	-128	III	-20	0.00	0	0
03 : 00	128	112	68	86	445	238	1372	-633	442	-1	V1	-46	0.00	0	0
03 : 30	130	142	70	87	455	236	1392	-632	426	-153	III	-62	0.00	0	0
04 : 00	134	140	70	87	440	241	1398	-634	330	-165	III	-66	0.00	0	0
04 : 30	142	114	68	90	446	275	1381	-657	255	-133	III	-65	0.00	0	0
05 : 00	143	122	92	90	355	421	1371	-669	352	-227	avF	-72	0.00	0	0
05 : 30	152	110	64	90	366	267	1344	-675	278	-164	III	-71	0.00	0	0
06 : 00	152	116	68	90	349	277	1336	-658	258	-172	III	-67	0.00	0	0
06 : 30	159	108	66	90	378	276	1332	-685	249	-181	III	-83	0.00	0	0
07 : 00	165	100	68	90	446	289	1352	-734	230	-229	III	-132	0.00	0	0
07 : 30	170	94	62	95	381	262	1254	-774	208	-201	III	-140	0.00	0	0
08 : 00	166	98	66	94	419	415	1259	-820	364	-341	III	-297	0.00	0	0
08 : 30	148	110	70	93	349	321	1360	-743	412	-140	III	-63	0.00	0	0
09 : 00	136	112	70	90	439	333	1449	-744	462	-220	III	-61	0.00	0	0
09 : 30	130	132	70	88	440	322	1540	-760	435	-137	III	-49	0.00	0	0
10 : 00	129	142	68	88	450	301	1573	-781	405	39	V1	-33	0.00	0	0
10 : 30	124	120	70	88	448	306	1542	-781	341	-165	III	-66	0.00	0	0
11 : 00	120	152	72	88	439	303	1545	-769	355	-114	III	-48	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



30504100192

TEST REPORT

Reg.No : 30504100192	Reg.Date : 08-May-2023 11:51	Collection : 08-May-2023 11:51
Name : MR. HEMANT KUMAR		Received : 08-May-2023 11:51
Age : 36 Years	Sex : Male	Report : 08-May-2023 13:48
Referred By : AAROGRAM DIAGNOSTICS @ PATNA		Dispatch : 08-May-2023 14:08
Referral Dr : <input type="checkbox"/>	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID PROFILE			
Tri-iodothyronine (Total T3) <i>Method:CLIA</i>	1.29	ng/mL	0.60 - 1.81
Thyroxin (Total T4) <i>Method:CLIA</i>	8.60	µg/dL	4.5 - 12.6
Thyroid Stimulating Hormone (TSH.) <i>Method:CLIA</i> Ultra Sensitive	3.092	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 -----

Dr.Niranjana Mondal

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