

⑥ BOB



बैंक ऑफ बड़ौदा
Bank of Baroda



नाम
Name KRISHNA BAIABHA SINGH

कर्मचारी कूट सं.
E.C. NO. 104404

997/M

जारीकर्ता प्राधिकारी
Issuing Authority

धारक के हस्ताक्षर
Signature of Employee

B.P

ID: 751

12-03-2023 10:06:54 AM

KRISHNA BALLABHA SINGH

Male 49Years

Diagnosis Information:

Sinus Rhythm
Poor r Wave Progression (V2)
Inverted T Wave (V2)

HR : 65 bpm

P : 90 ms

PR : 169 ms

QRS : 71 ms

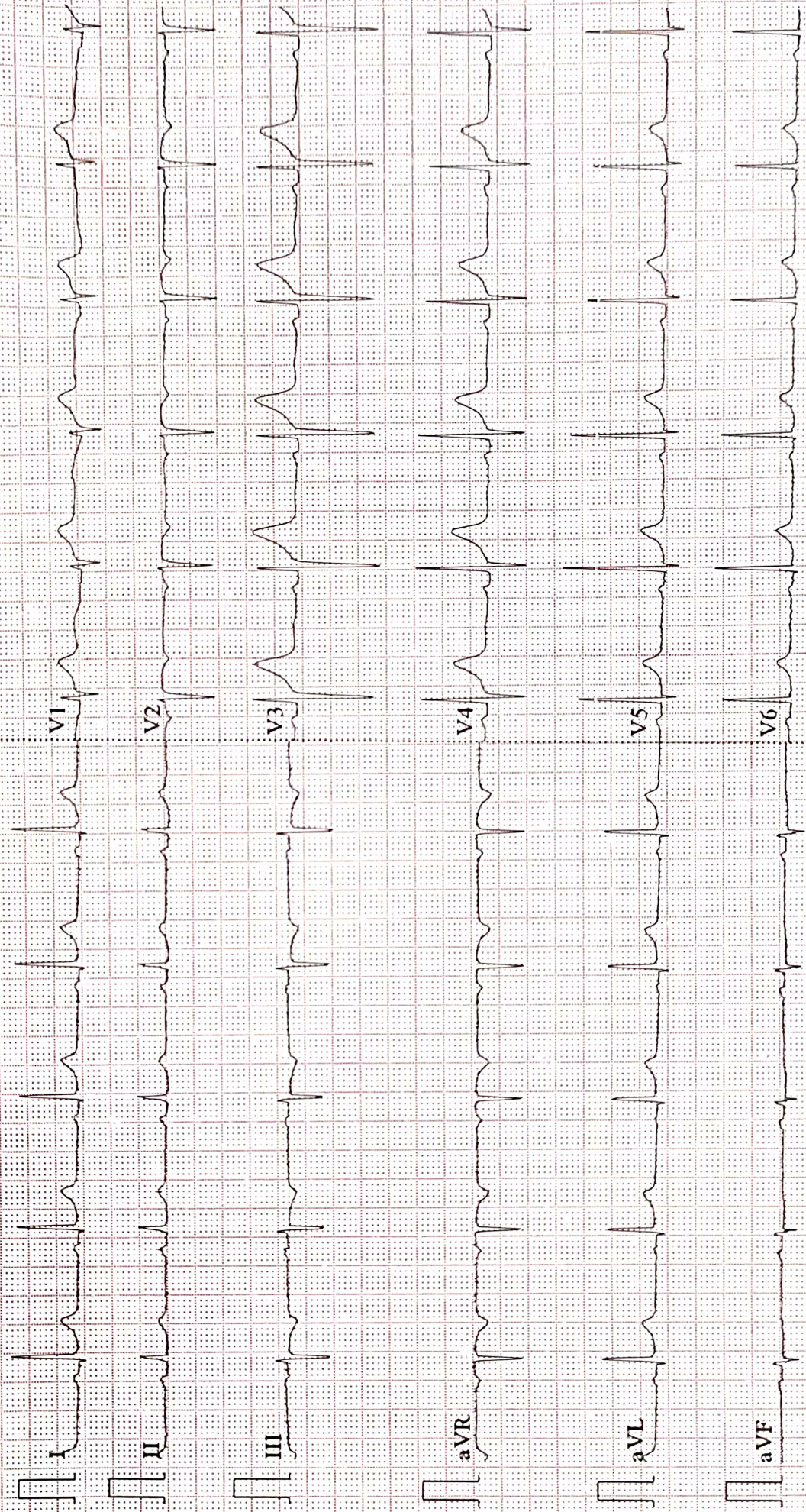
QT/QTc : 369/386 ms

P/QRS/T : 50/1/-2 °

RV5/SV1 : 1.483/0.335 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 :- Krishna Ballabha Singh
Refd by :- Corp

Age/Sex:- 48Yrs/M
Date :-12/03/23

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size(14.6cm) with slightly 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** :- There are multiple calculi (Largest two measuring size approx 9.1mm and 6.1mm) with posterior acoustic shadows seen within G.B lumen and neck region. wall appeard normal and thickness 2.0mm. No peri G.B. Fluid seen.
- 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(10.0cm) 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 9.6cm and Left Kidney measures 10.0cm.
- U. Bladder**:- Thick wall sarreted margin in U.B. wall, wall thickness 5.2mm. No any calculus or diverticulum seen.
Pre void- 176cc Post void-31 cc (Insignificant PVR).
- Prostate** :- Normal in size (19.8cc) & normal echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Mild Hepatomegaly with Mild Fatty Liver.
Cholelithiasis without Cholecystitis.
? Cystitis / UTI.
Insignificant PVR.
Otherwise Normal Scan.*

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



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg Date: 12-Mar-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	71	42 %	120/80	085	00	
Standing	00:18	0:01	00.0	00.0	01.0	73	43 %	120/80	087	00	
HV	00:26	0:01	00.0	00.0	01.0	070	41 %	120/80	084	00	
Warm Up	00:53	0:01	01.0	00.0	01.0	066	39 %	120/80	079	00	
ExStart	01:12	0:06	01.7	10.0	01.1	079	46 %	120/80	094	00	
BRUCE/ Stage 1	04:12	3:00	01.7	10.0	04.7	108	63 %	125/85	135	00	
BRUCE/ Stage 2	07:12	3:00	02.5	12.0	07.1	132	77 %	130/90	171	00	
BRUCE/ Stage 3	10:12	3:00	03.4	14.0	10.2	156	91 %	135/95	210	00	
PeakEx	10:56	0:44	04.2	16.0	11.0	173	101 %	135/95	233	00	
Recovery	11:55	1:00	01.1	00.0	04.3	138	81 %	130/90	179	00	
Recovery	12:55	2:00	01.1	00.0	01.0	120	70 %	125/85	150	00	
Recovery	14:19	3:23	01.1	00.0	01.0	109	64 %	120/80	130	00	

Findings :

Exercise Time : 09:45
 Max HR Attained : 173 bpm 101% of Target 171
 Max BP Attained : (Sys) 135/95
 Max WorkLoad Attained : 11 Good response to induced stress
 Max ST Dep Lead & Value : V6 & -1.3 mm in PeakEx mm
 Test End Reasons : Test Complete

Report :

Aarogam Diagnostics

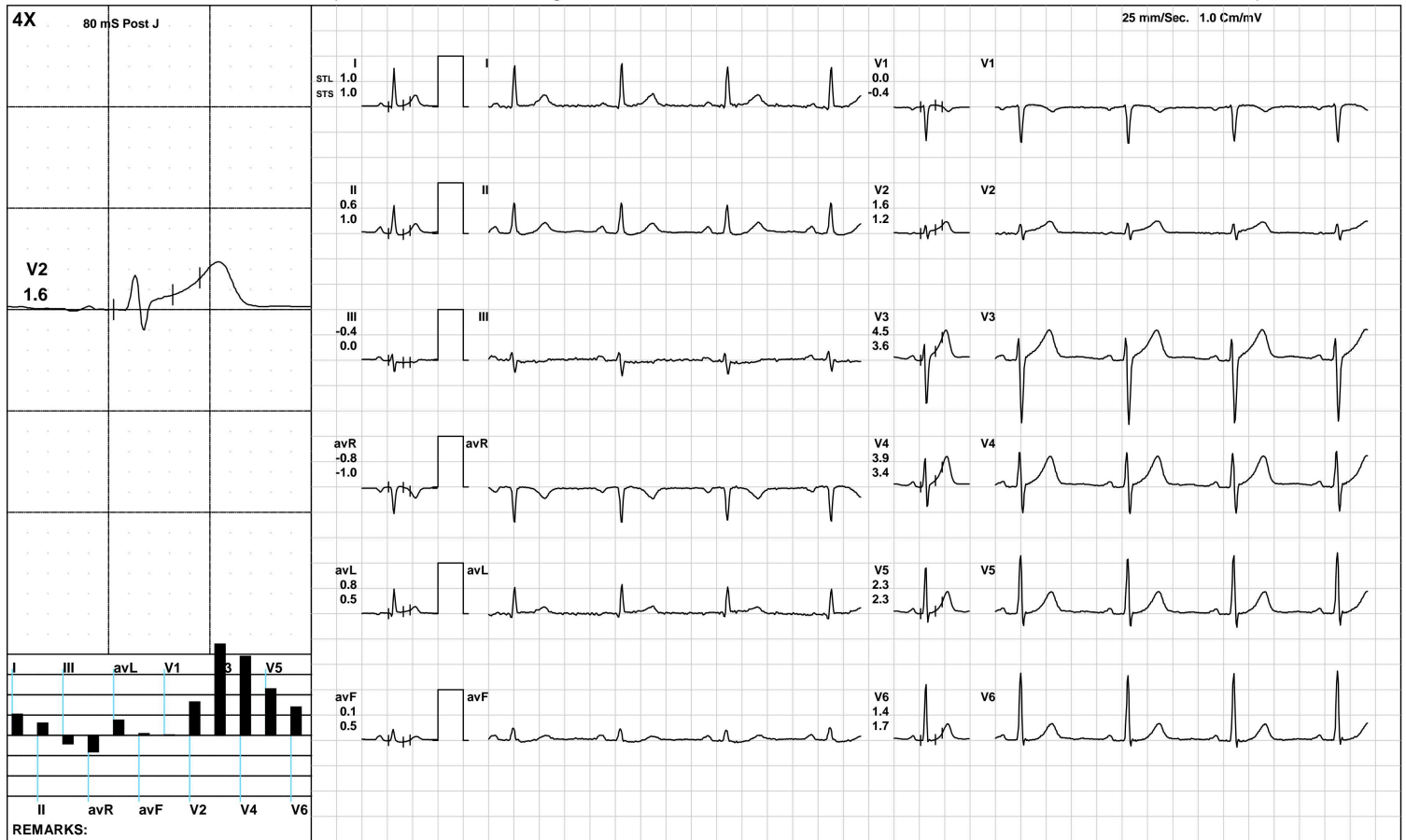
Supine



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 71

Date: 12-Mar-2023 11:16:13 AM METS: 1.0/ 71 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

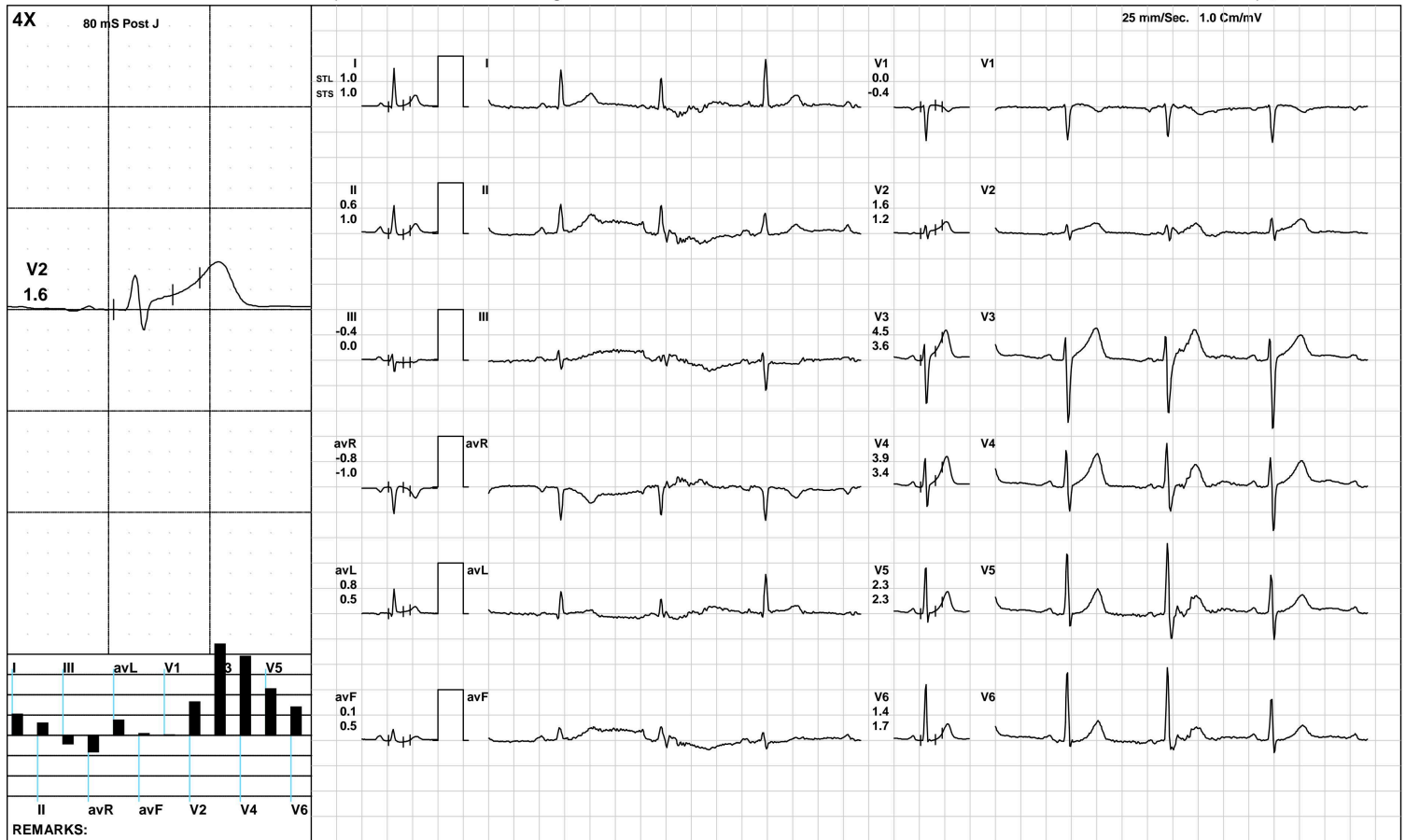
Standing



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 73

Date: 12-Mar-2023 11:16:13 AM METS: 1.0/ 73 bpm 42% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:18 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

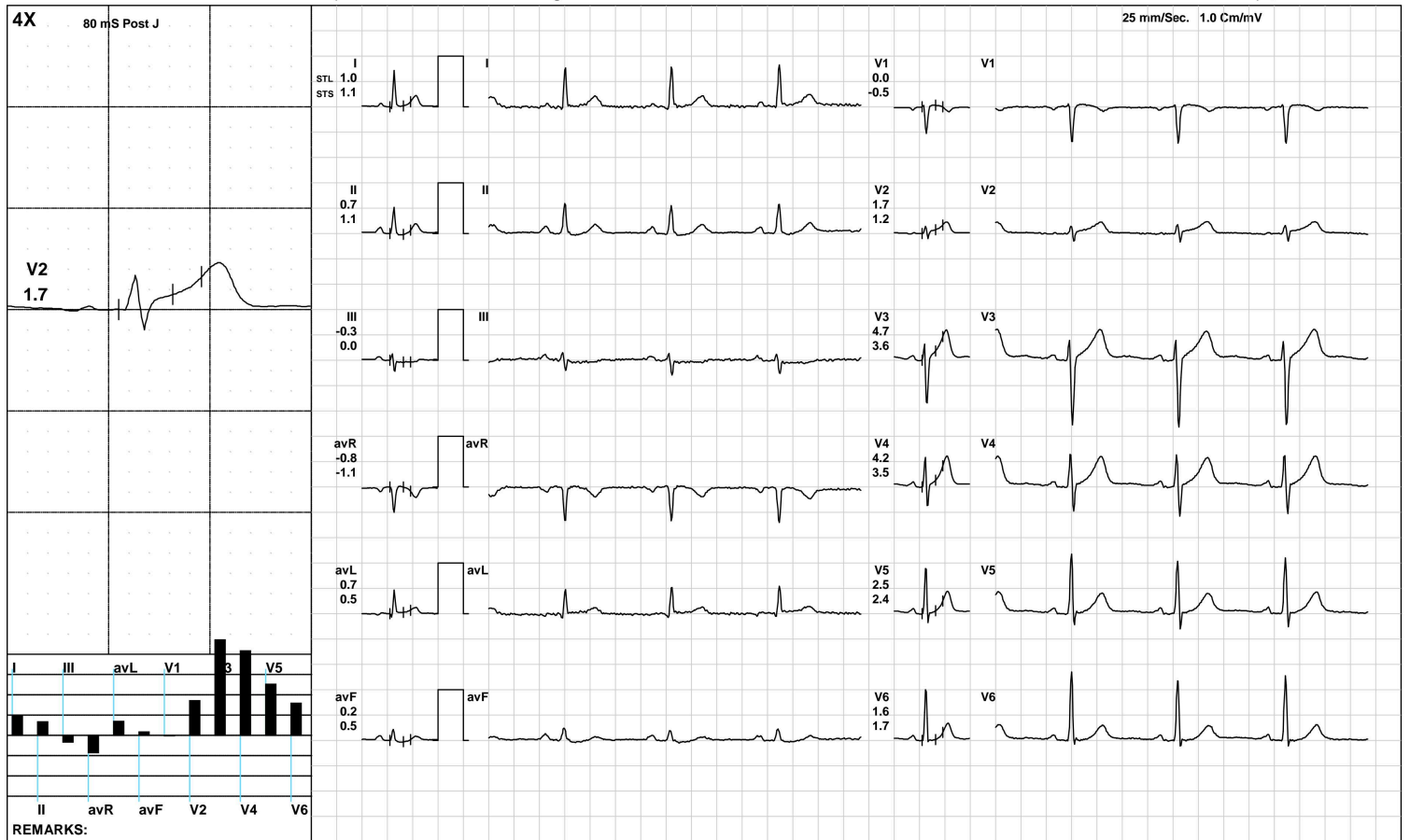
HV



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 70

Date: 12-Mar-2023 11:16:13 AM METS: 1.0/ 70 bpm 40% of THR BP: 120/80 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

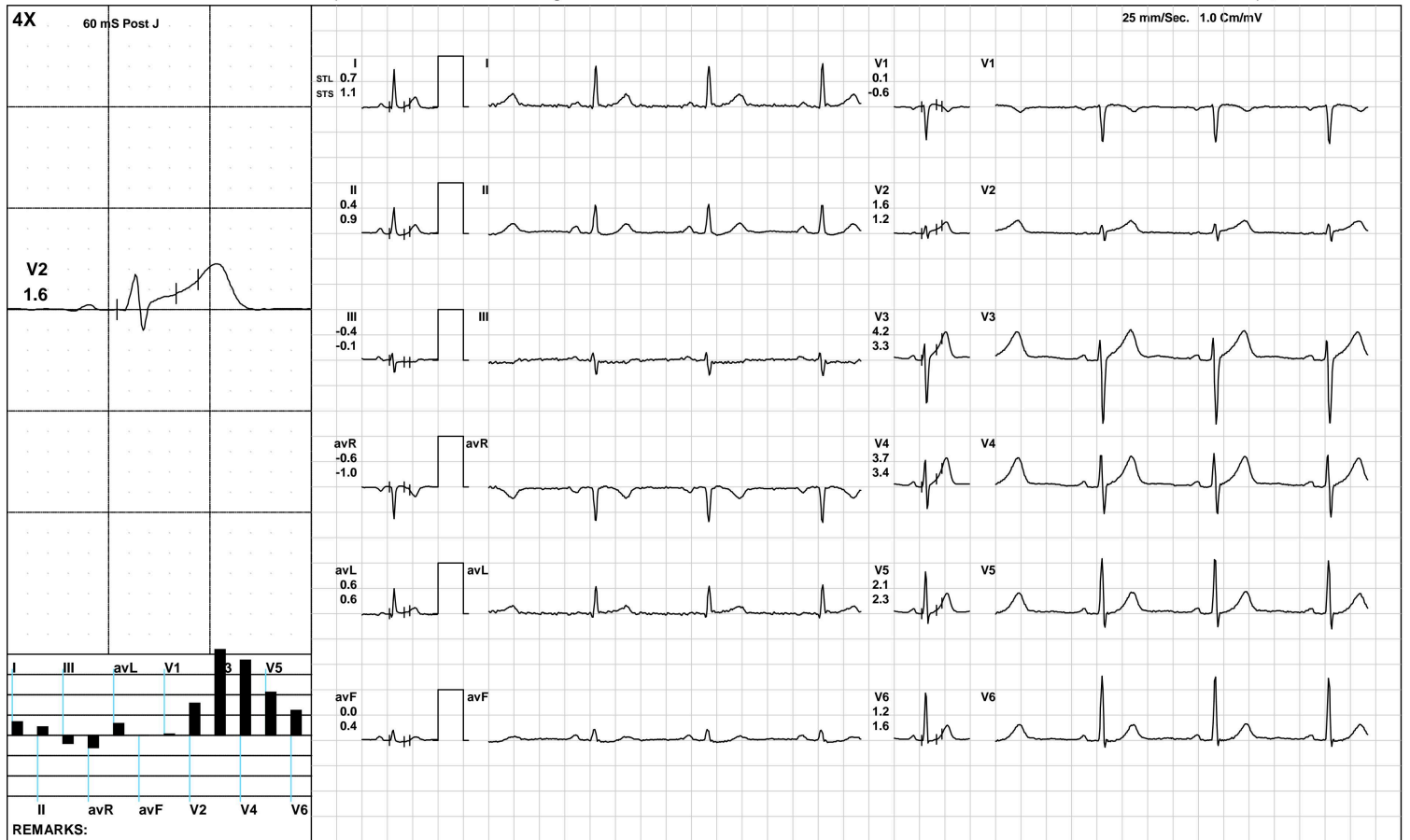
Warm Up



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 66

Date: 12-Mar-2023 11:16:13 AM METS: 1.0/ 66 bpm 38% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:53 1.0 mph, 0.0%



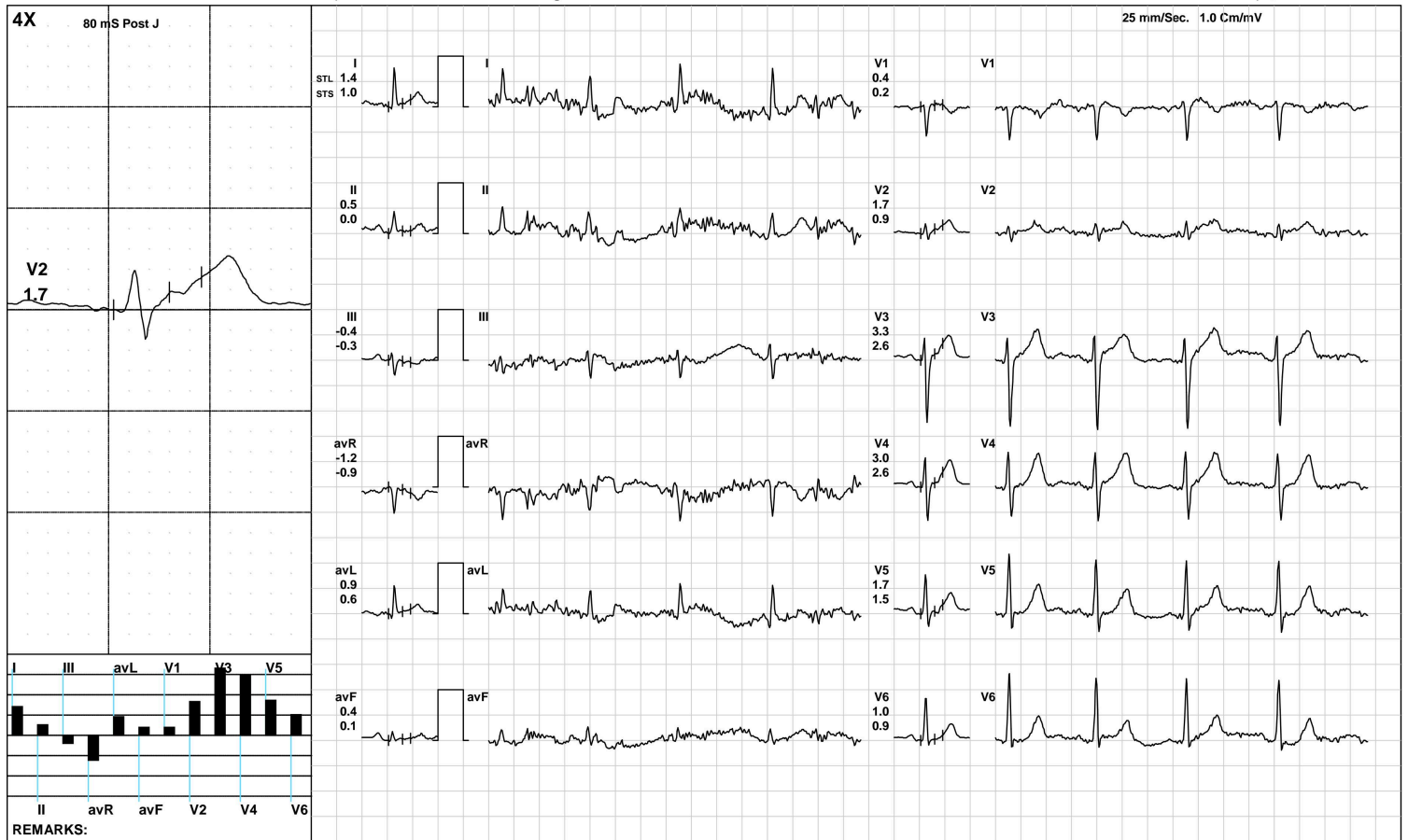
(GEM212170906)(R)Kardic by Allengers



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 79

Date: 12-Mar-2023 11:16:13 AM METS: 1.1/ 79 bpm 46% 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%



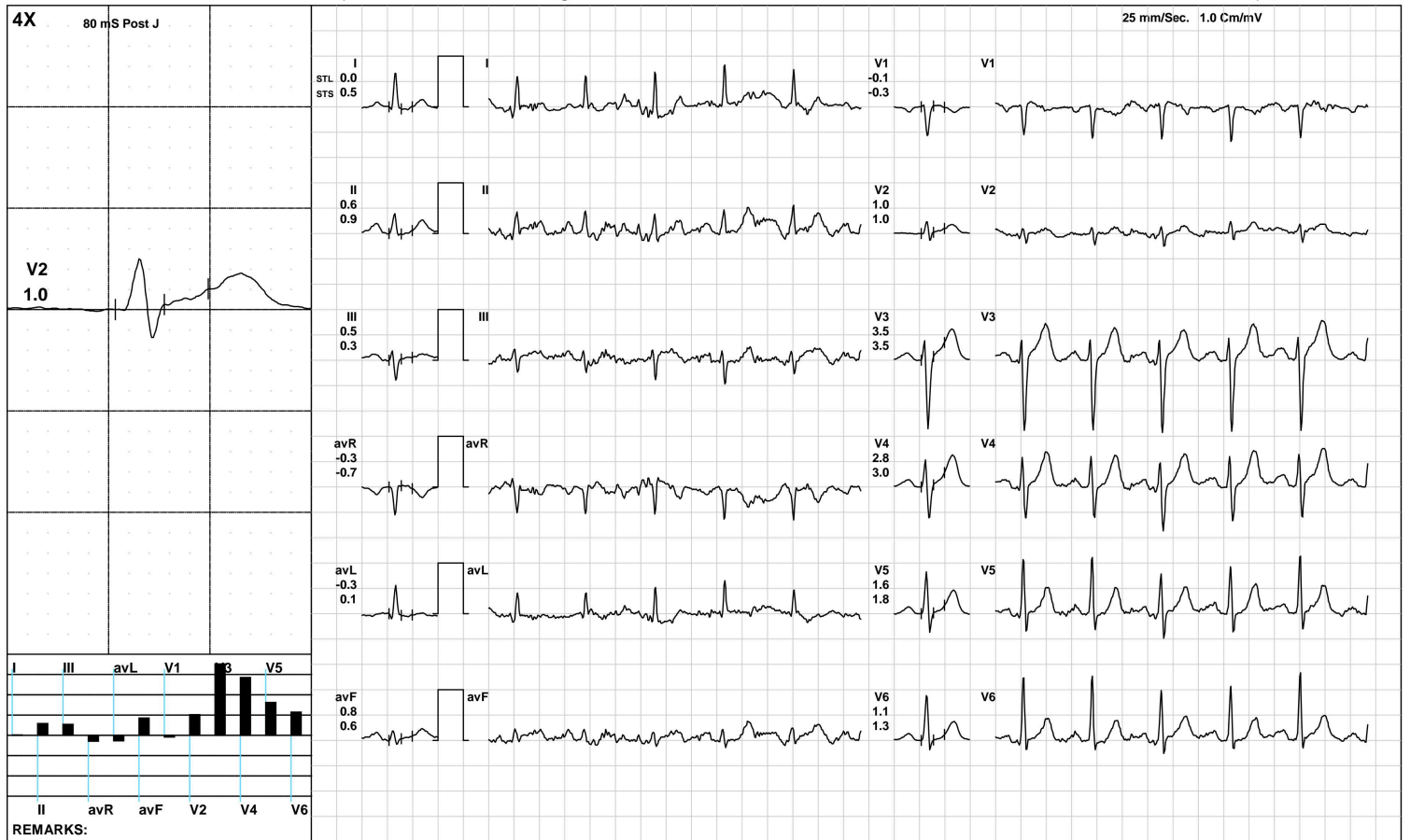
Aarogam Diagnostics

BRUCE/Stage 1(3:00)



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 108

Date: 12-Mar-2023 11:16:13 AM METS: 4.7/ 108 bpm 63% 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%



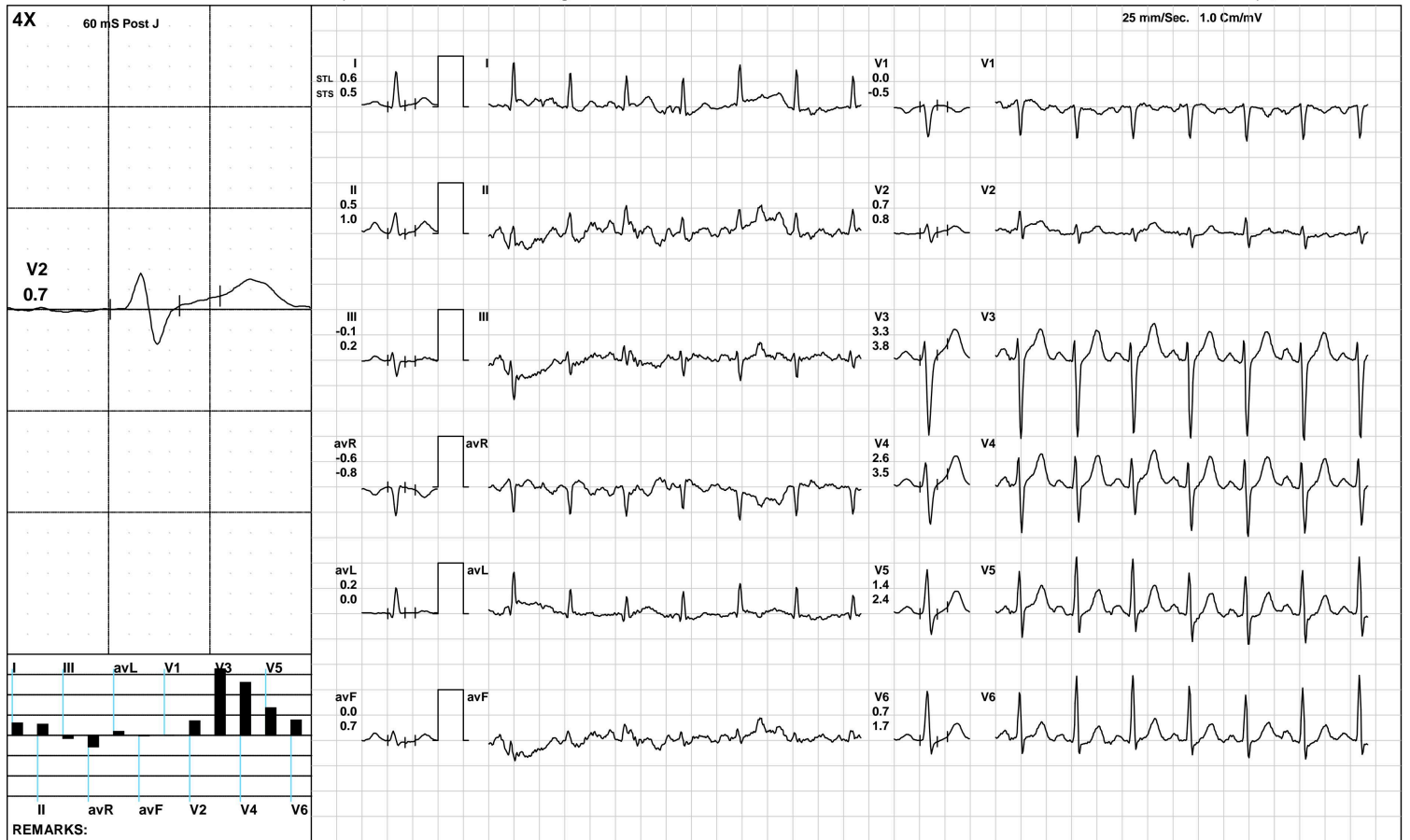
(GEM212170906)(R)Kardic by Allengers



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 132

Date: 12-Mar-2023 11:16:13 AM METS: 7.1/ 132 bpm 77% 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%



Aarogyam Diagnostics

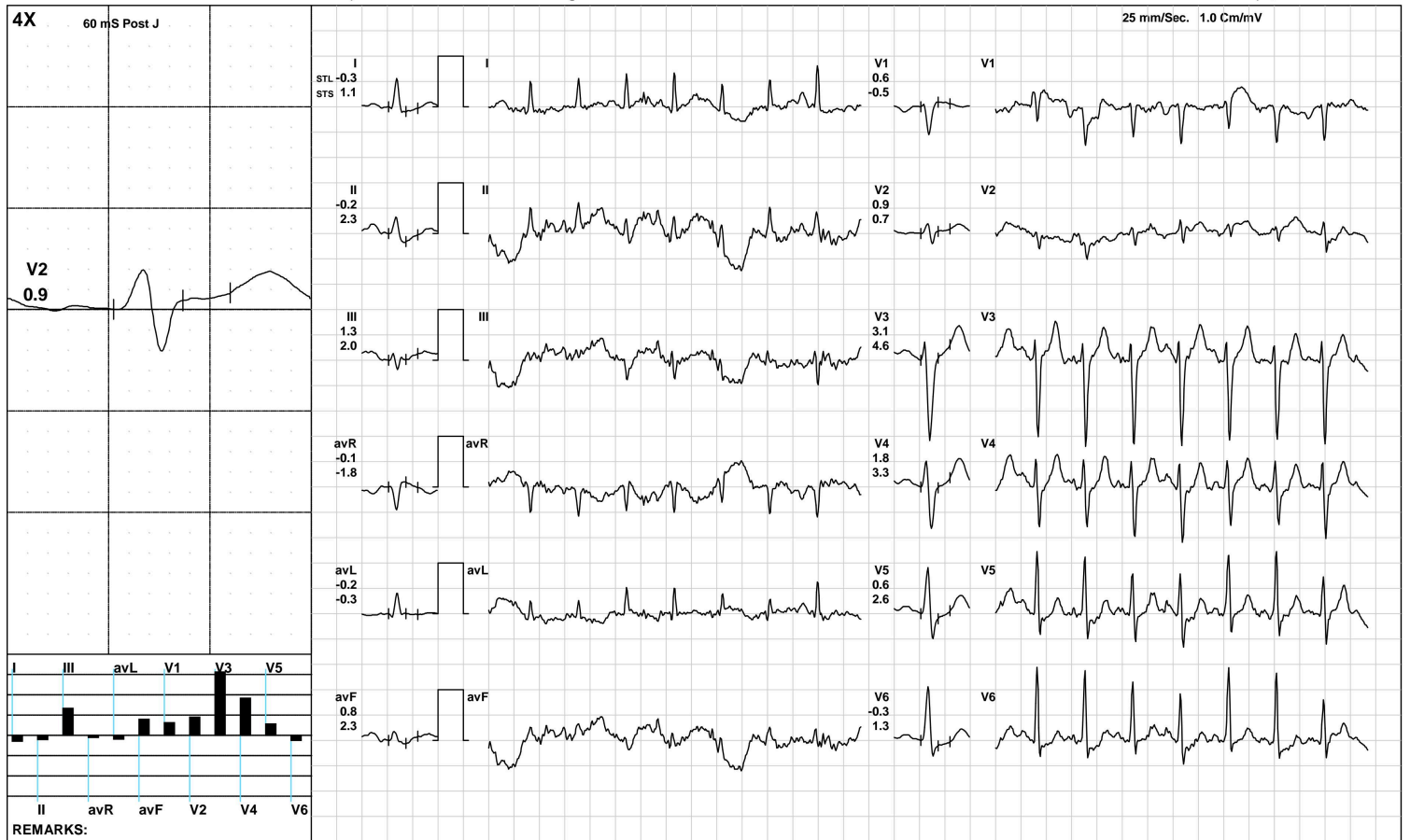
BRUCE/Stage 3(3:00)



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 156

Date: 12-Mar-2023 11:16:13 AM METS: 10.2/ 156 bpm 91% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%



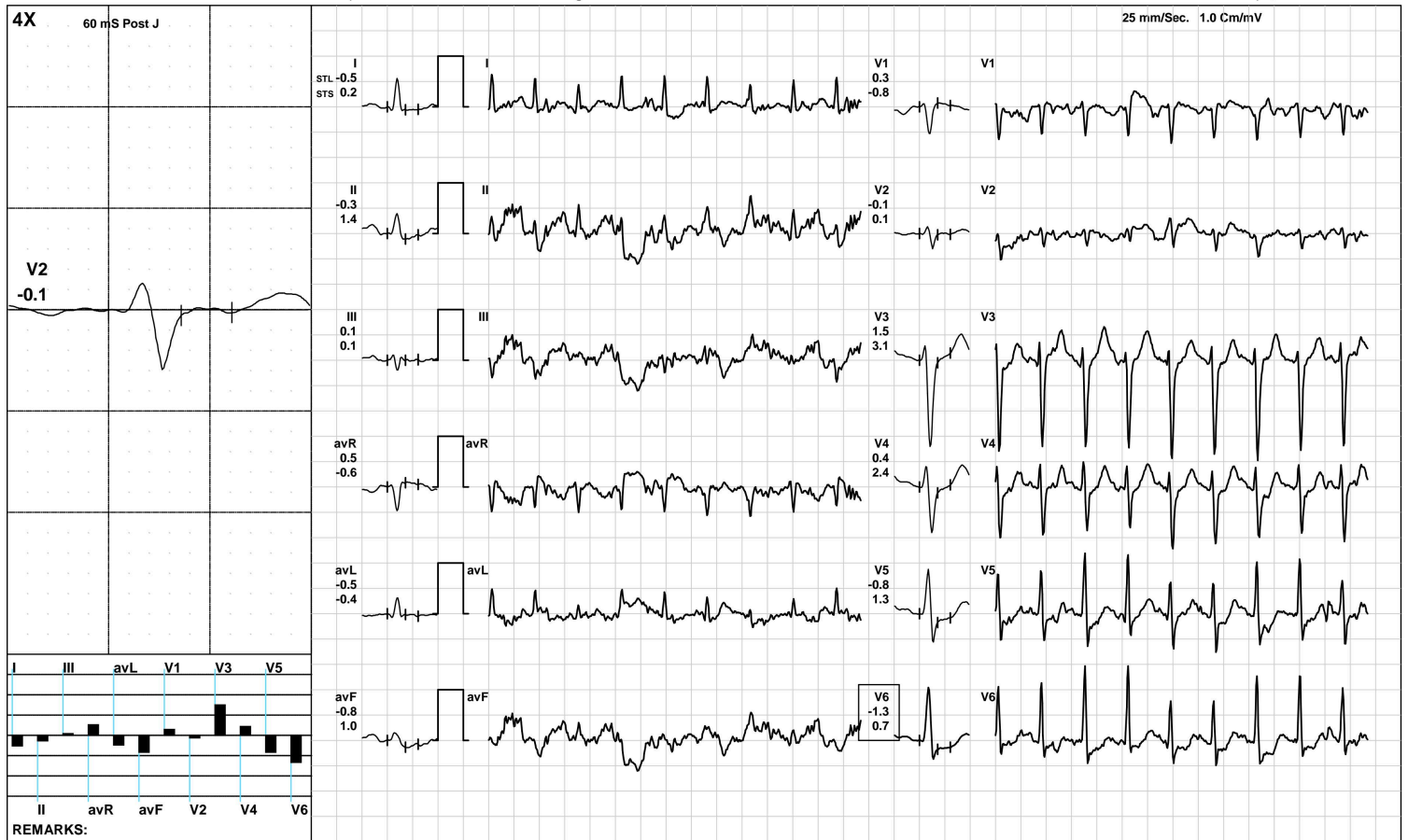
(GEM212170906)(R)Kardic by Allengers



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 173

Date: 12-Mar-2023 11:16:13 AM METS: 11.0/ 173 bpm 101% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:44 4.2 mph, 16.0%



Aarogam Diagnostics

Recovery(1:00)



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 138

Date: 12-Mar-2023 11:16:13 AM METS: 4.3/ 138 bpm 80% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz ExTime: 09:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

Recovery(2:00)



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 120

Date: 12-Mar-2023 11:16:13 AM METS: 1.0/ 120 bpm 70% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogam Diagnostics

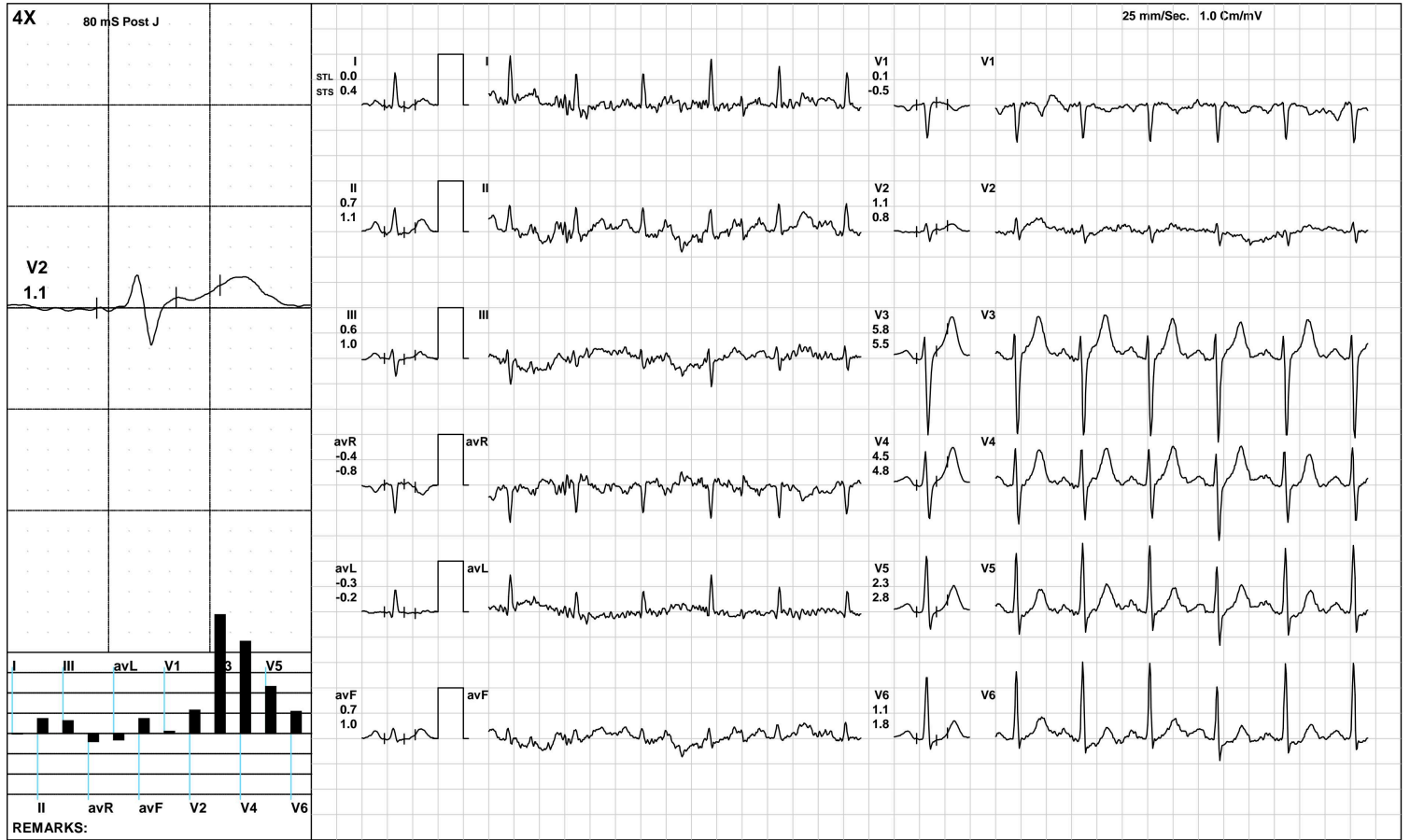
Recovery(3:23)



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 109

Date: 12-Mar-2023 11:16:13 AM METS: 1.0/ 109 bpm 63% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

ST Measurements



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / M / 163 Cms / 63 Kg / HR : 75

Date: 12-Mar-2023 11:16:13 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	1.0	0.6	-0.4	-0.8	0.8	0.1	0.0	1.6	4.5	3.9	2.3	1.4	1.0	1.0	0.0	-1.0	0.5	0.5	-0.4	1.2	3.6	3.4	2.3	1.7	
80 @mS Standing	1.0	0.6	-0.4	-0.8	0.8	0.1	0.0	1.6	4.5	3.9	2.3	1.4	1.0	1.0	0.0	-1.0	0.5	0.5	-0.4	1.2	3.6	3.4	2.3	1.7	
HV	1.0	0.7	-0.3	-0.8	0.7	0.2	0.0	1.7	4.7	4.2	2.5	1.6	1.1	1.1	0.0	-1.1	0.5	0.5	-0.5	1.2	3.6	3.5	2.4	1.7	
Warm Up	0.7	0.4	-0.4	-0.6	0.6	0.0	0.1	1.6	4.2	3.7	2.1	1.2	1.1	0.9	-0.1	-1.0	0.6	0.4	-0.6	1.2	3.3	3.4	2.3	1.6	
ExStart	1.4	0.5	-0.4	-1.2	0.9	0.4	0.4	1.7	3.3	3.0	1.7	1.0	1.0	0.0	-0.3	-0.9	0.6	0.1	0.2	0.9	2.6	2.6	1.5	0.9	
Stage 1	0.0	0.6	0.5	-0.3	-0.3	0.8	-0.1	1.0	3.5	2.8	1.6	1.1	0.5	0.9	0.3	-0.7	0.1	0.6	-0.3	1.0	3.5	3.0	1.8	1.3	
Stage 2	0.6	0.5	-0.1	-0.6	0.2	0.0	0.0	0.7	3.3	2.6	1.4	0.7	0.5	1.0	0.2	-0.8	0.0	0.7	-0.5	0.8	3.8	3.5	2.4	1.7	
Stage 3	-0.3	-0.2	1.3	-0.1	-0.2	0.8	0.6	0.9	3.1	1.8	0.6	-0.3	1.1	2.3	2.0	-1.8	-0.3	2.3	-0.5	0.7	4.6	3.3	2.6	1.3	
PeakEx	-0.5	-0.3	0.1	0.5	-0.5	-0.8	0.3	-0.1	1.5	0.4	-0.8	-1.3	0.2	1.4	0.1	-0.6	-0.4	1.0	-0.8	0.1	3.1	2.4	1.3	0.7	
Recovery	0.1	0.7	0.5	-0.3	-0.2	0.6	-0.1	0.4	3.3	2.2	0.9	0.3	0.3	1.4	0.9	-0.7	-0.2	1.0	-0.3	1.2	6.9	5.9	4.2	2.6	
Recovery	0.4	1.2	0.7	-0.8	-0.2	1.3	0.2	1.2	7.3	5.7	3.3	2.0	0.8	2.1	1.1	-1.5	-0.3	1.7	-0.6	1.3	8.3	7.3	4.8	3.3	
Recovery	0.0	0.7	0.6	-0.4	-0.3	0.7	0.1	1.1	5.8	4.5	2.3	1.1	0.4	1.1	1.0	-0.8	-0.2	1.0	-0.5	0.8	5.5	4.8	2.8	1.8	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μ Vs)	Supine	9.4	6.7	-2.7	-8.0	6.2	1.9	-1.6	11.8	30.4	29.0	19.2	13.2
	Standing	9.4	6.7	-2.7	-8.0	6.2	1.9	-1.6	11.8	30.4	29.0	19.2	13.2
	HV	9.1	6.9	-2.1	-8.0	5.7	2.4	-2.0	11.9	31.3	30.2	20.3	14.1
	Warm Up	6.1	4.9	-2.0	-6.0	4.5	1.4	-1.1	10.2	26.0	24.9	15.9	10.5
	ExStart	12.8	6.7	-3.9	-10.8	8.4	4.0	0.0	13.4	25.7	24.2	15.6	11.3
	Stage 1	-0.9	3.6	4.4	-1.3	-2.6	6.1	0.3	6.5	23.5	18.9	10.8	7.8
	Stage 2	2.8	1.8	-1.1	-2.3	1.0	-1.4	1.1	3.1	13.6	9.9	4.6	2.0
	Stage 3	-3.8	-5.1	4.4	2.3	-0.6	0.9	4.9	3.7	10.2	4.3	-1.4	-4.1
	PeakEx	-3.5	-4.4	0.1	4.6	-1.7	-6.4	3.3	-0.2	3.6	-1.7	-6.8	-9.1
	Recovery	-0.7	0.9	0.9	0.0	-1.0	1.0	1.0	1.5	10.6	4.8	-0.5	-2.6
	Recovery	1.4	3.8	2.2	-2.6	-0.5	4.9	2.1	5.7	32.2	23.4	12.9	7.2
	Recovery	-0.1	4.9	3.5	-2.7	-1.9	4.8	1.2	7.1	36.3	28.0	14.4	6.6



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 (%)	Missed Beats (Counts)
00 : 30	68	168	78	14	422	139	1307	-1229	607	-42	III	-39	0.00	0
01 : 00	82	170	76	10	420	160	1058	-1312	572	-50	III	-38	0.00	0
01 : 30	92	138	56	5	467	165	1072	-1342	593	-89	III	-46	0.00	0
02 : 00	105	214	58	4	479	194	1068	-1348	510	-64	II	-80	0.00	0
02 : 30	106	156	78	9	461	210	1127	-1353	551	-50	III	-122	0.00	0
03 : 00	110	108	78	2	450	250	1052	-1370	553	-180	III	-107	0.00	0
03 : 30	112	114	56	7	308	168	1109	-1371	580	69	avL	-67	0.00	0
04 : 00	109	128	78	6	453	199	994	-1384	616	-18	avL	-18	0.00	0
04 : 30	117	132	56	8	453	240	1077	-1417	685	119	avL	-8	0.00	0
05 : 00	119	170	54	8	442	248	1106	-1427	614	-65	II	-60	0.00	0
05 : 30	125	178	54	7	306	226	1049	-1438	672	-83	III	-19	0.00	0
06 : 00	128	168	56	11	314	207	1068	-1443	617	-95	III	-34	0.00	0
06 : 30	130	146	56	7	309	193	1052	-1469	628	36	I	-28	0.00	0
07 : 00	132	162	56	6	308	207	1043	-1509	596	60	I	-26	0.00	0
07 : 30	136	160	72	0	308	173	1057	-1545	609	-168	V5	-56	0.00	0
08 : 00	143	152	70	14	300	237	1041	-1574	591	-103	V6	-19	0.00	0
08 : 30	149	144	70	14	304	200	1047	-1591	573	-45	II	-44	0.00	0
09 : 00	152	140	70	10	311	199	1080	-1604	610	-66	II	-49	0.00	0
09 : 30	153	140	70	53	303	410	1031	-1592	697	-339	V6	-77	0.00	0
10 : 00	155	120	70	-1	337	199	1090	-1654	618	-66	I	-97	0.00	0
10 : 30	167	116	70	3	312	212	1082	-1691	641	-109	III	-140	0.00	0
11 : 00	174	114	68	12	335	202	1083	-1753	506	-195	V6	-150	0.00	0
11 : 30	149	96	54	7	324	240	1204	-1661	808	-185	V6	-104	0.00	0
12 : 00	136	122	76	15	281	256	1305	-1577	998	-319	V6	-45	0.00	0
12 : 30	122	156	54	4	443	246	1326	-1577	1027	12	I	-17	0.00	0



1832 / MR. KRISHNA BALLABHA SINGH / 49 Yrs / Male / 163 Cm / 63 Kg

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)	Var (%)	VEB (Counts)	Missed Beats (Counts)
13 : 00	120	114	76	13	421	259	1307	-1546	979	28	V1	-19	0.00	0	0
13 : 30	117	188	76	16	426	242	1400	-1568	953	6	I	-54	0.00	0	0
14 : 00	109	200	54	15	441	230	1408	-1551	885	-58	II	-22	0.00	0	0



ISO 9001 : 2015

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(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	12/03/2023	Srl No.	7	Patient Id	2303120007
Name	Mr. KRISHNA BALLABHA SINGH	Age	49 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



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	12/03/2023	Srl No. 7	Patient Id 2303120007
Name	Mr. KRISHNA BALLABHA SINGH	Age 49 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)	7,400	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	65	%	40 - 75
LYMPHOCYTE	29	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 15
R B C COUNT	4.65	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.09	%	40 - 54
M C V	88.37	fl.	80 - 100
M C H	29.03	Picogram	27.0 - 31.0
M C H C	32.9	gm/dl	33 - 37
PLATELET COUNT	2.26	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	89.6	mg/dl	70 - 110
SERUM CREATININE	1.09	mg%	0.7 - 1.4
BLOOD UREA	27.0	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.2	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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Name	Mr. KRISHNA BALLABHA SINGH	Age	49 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.67	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.26	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.41	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.2	gm/dl	6.6 - 8.3
ALBUMIN	3.5	gm/dl	3.4 - 5.2
GLOBULIN	2.7	gm/dl	2.3 - 3.5
A/G RATIO	1.296		
SGOT	18.9	IU/L	5 - 40
SGPT	22.0	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	97.6	U/L	40.0 - 130.0
GAMMA GT	23.5	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	84.6	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	156.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	50.2	mg/dL	35.1 - 88.0
V L D L	16.92	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	88.98	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.11		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.773		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



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Date	12/03/2023	Srl No.	7	Patient Id	2303120007
Name	Mr. KRISHNA BALLABHA SINGH	Age	49 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.010		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
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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Name	Mr. KRISHNA BALLABHA SINGH	Age	49 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-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



30304100188

TEST REPORT

Reg.No : 30304100188	Reg.Date : 13-Mar-2023 12:27	Collection : 13-Mar-2023 12:27
Name : MR. KRISHNA BALLBHA SINGH		Received : 13-Mar-2023 12:27
Age : 50 Years	Sex : Male	Report : 13-Mar-2023 13:28
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 13-Mar-2023 14:11
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine) <i>Method:CLIA</i>	1.19	ng/mL	0.60 - 1.81
T4 (Thyroxine) <i>Method:CLIA</i>	9.70	µg/dL	4.5 - 12.6
TSH (ultra sensitive) <i>Method:CLIA</i>	3.600	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

Dr.Niranjan Mondal

MBBS, DO, MD (Biochemistry)
Consultant Biochemist
Reg No.:- 64023 (WBMC)



MC-3319

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Referral Dr : □	Status : Final	Location : 41 - PATNA

Immunoassay

Parameter	Result	Biological Reference Interval
25 OH Vitamin D Total Method:CLIA	28.21	Deficiency <20 Insufficiency 20-30 Sufficiency 30-100 Toxicity >100 ng/mL

Sample Type: Serum**Note:**

- The assay measures total 25 (OH) vitamin D in human serum
- 25 (OH) D is influenced by sunlight, latitude, skin pigmentation, sunscreen use and hepatic function.
- It shows seasonal variation, with values being 40-50% lower in winter than in summer.
- Levels vary with age and are increased in pregnancy.

Comments:

Vitamin D promotes the absorption of calcium and phosphorus and mineralization of bones and teeth. Deficiency in children causes Rickets and in adults leads to Osteomalacia. It can also lead to Hypocalcemia and Tetany. Vitamin D status is best determined by measurement of 25 hydroxy vitamin D, as it is the major circulating form and has a longer half-life (2-3 weeks) than 1,25 Dihydroxy vitamin D (5-8 hrs).

Decreased Levels:

- Inadequate exposure to sunlight
- Dietary deficiency
- Vitamin D malabsorption
- Severe Hepatocellular disease
- Drugs like Anticonvulsants
- Nephrotic syndrome

Increased levels:

- Vitamin D intoxication

----- End Of Report -----

Dr.Niranjana Mondal

MBBS, DO, MD (Biochemistry)
 Consultant Biochemist
 Reg No.:- 64023 (WBMC)