



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
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www.aarogyamdiagnostics.com

Name :- Arun Kumar Gami
Refd by :- BoB

Age/Sex:- 52 Yrs/M
Date:- 21/03/22

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Enlarged in size(16.3cm) 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(9.3cm) 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 10.4cm and Left Kidney measures 10.1cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size(16cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.
Distended Bowel Loops.

IMPRESSION:- Hepatomegaly with Grade II fatty Liver.

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

ID: 108

21-03-2022 10:45:35 AM

BPL

ARUN KR GAMI

Male 52Years

Diagnosis Information:

Sinus Rhythm

QS Wave in lead V1

HR : 75 bpm

P : 100 ms

PR : 165 ms

QRS : 100 ms

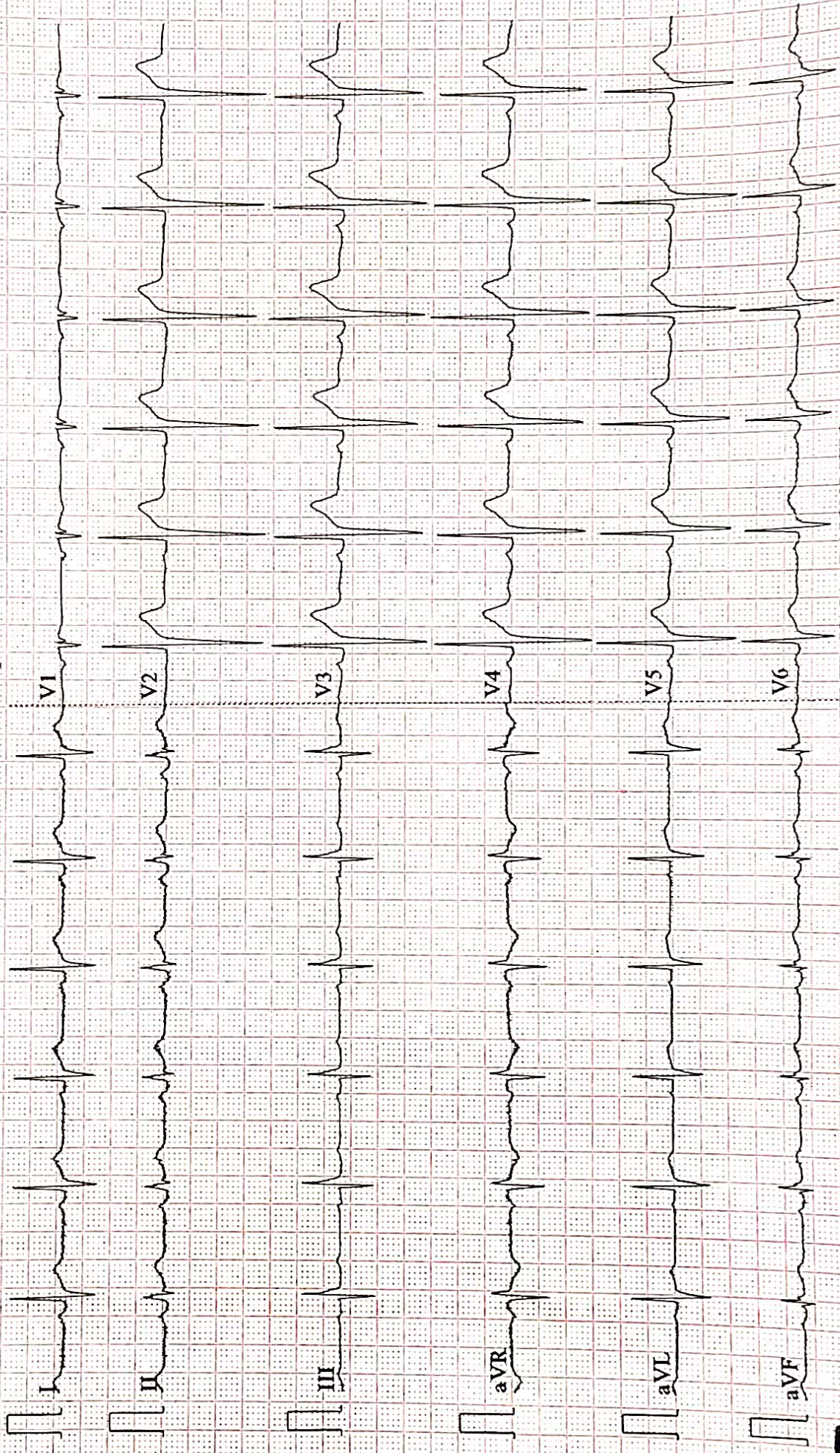
QT/QTc : 361/403 ms

P/QRS/T : 53/42/43 °

RV5/SV1 : 1.362/0.377 mV

Ref-Phys. :

Report Confirmed by:



DAIGNOSTIC

SEMIF V1.81

V2.2

75

2*5.0s

10mm/mV

25mm/s

AC50

0.67~100Hz

AAROGYAM DIAGNOSTICS
PATNA

Report



(GEM212170906)(R)Kardic by Allengers

1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg Date: 21-Mar-2022 Technician : ARUN

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:06	0:01	00.0	00.0	01.0	100	60 %	120/80	120	00	
Standing	00:12	0:01	00.0	00.0	01.0	99	59 %	120/80	118	00	
HV	00:24	0:01	00.0	00.0	01.0	098	58 %	120/80	117	00	
Warm Up	00:47	0:01	01.0	00.0	01.0	094	56 %	120/80	112	00	
ExStart	01:41	0:06	01.7	10.0	01.1	109	65 %	120/80	130	00	
BRUCE/ Stage 1	04:41	3:00	01.7	10.0	04.7	125	74 %	125/85	156	00	
BRUCE/ Stage 2	07:41	3:00	02.5	12.0	07.1	142	85 %	130/90	184	00	
BRUCE/ Stage 3	10:41	3:00	03.4	14.0	10.2	163	97 %	135/95	220	00	
PeakEx	10:44	3:00	03.4	14.0	10.3	163	97 %	135/95	220	00	
Recovery	11:43	1:00	01.1	00.0	04.3	146	87 %	130/90	189	00	
Recovery	12:43	2:00	01.1	00.0	01.0	133	79 %	125/85	166	00	
Recovery	14:31	3:47	01.1	00.0	01.0	121	72 %	120/80	145	00	

Findings :

Exercise Time : 09:04
Max HR Attained : 163 bpm 97% of Target 168
Max BP Attained : (Sys) 135/95
Max WorkLoad Attained : 10.3 Good response to induced stress
Max ST Dep Lead & Value : III & -3.9 mm in Stage 3 mm
Test End Reasons : Test Complete, Test Complete, Test Complete

Report :

Doctor : Doctor Name

AAROGYAM DIAGNOSTICS

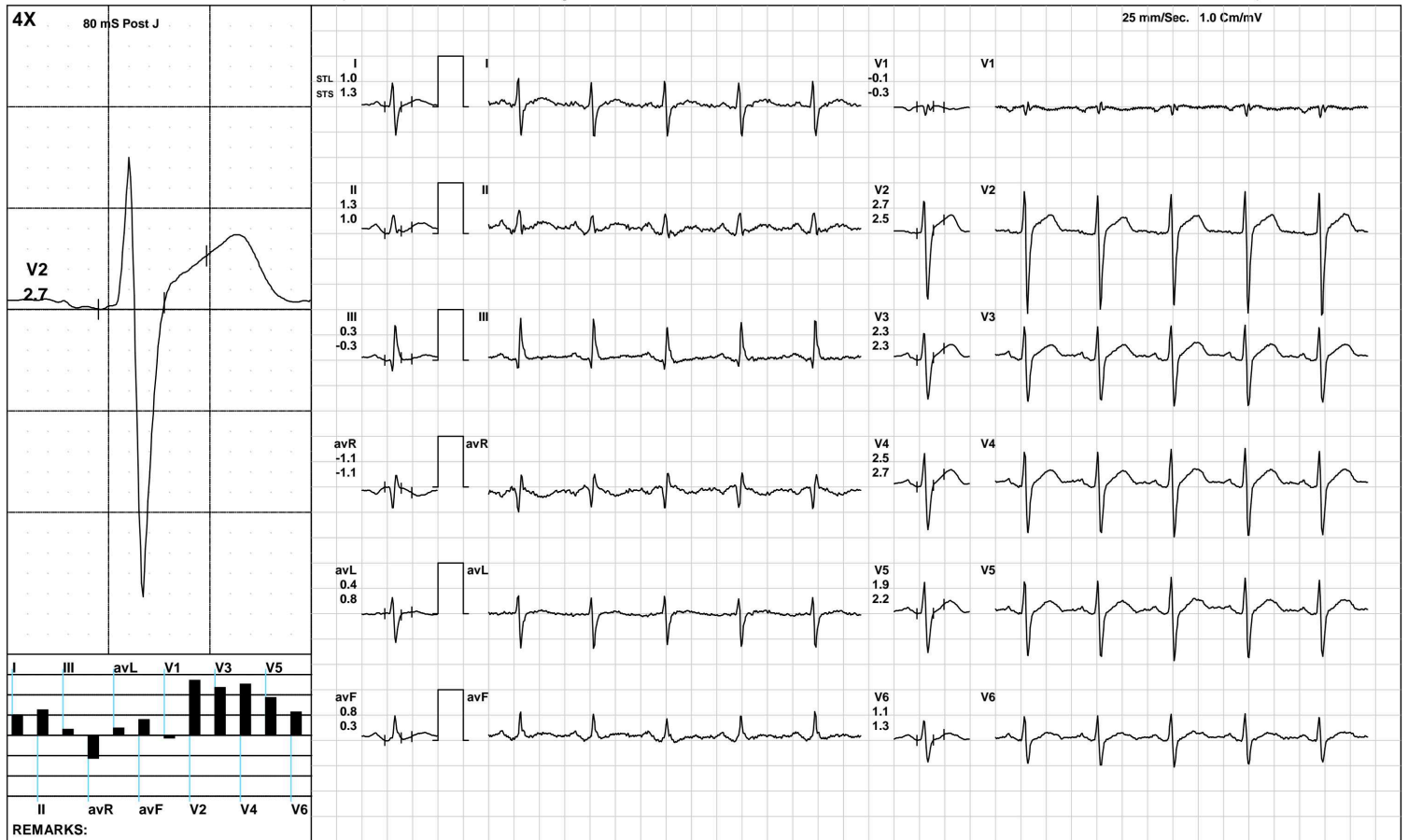
1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 100

Supine



Date: 21-Mar-2022 02:12:19 PM METS: 1.0/ 100 bpm 59% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

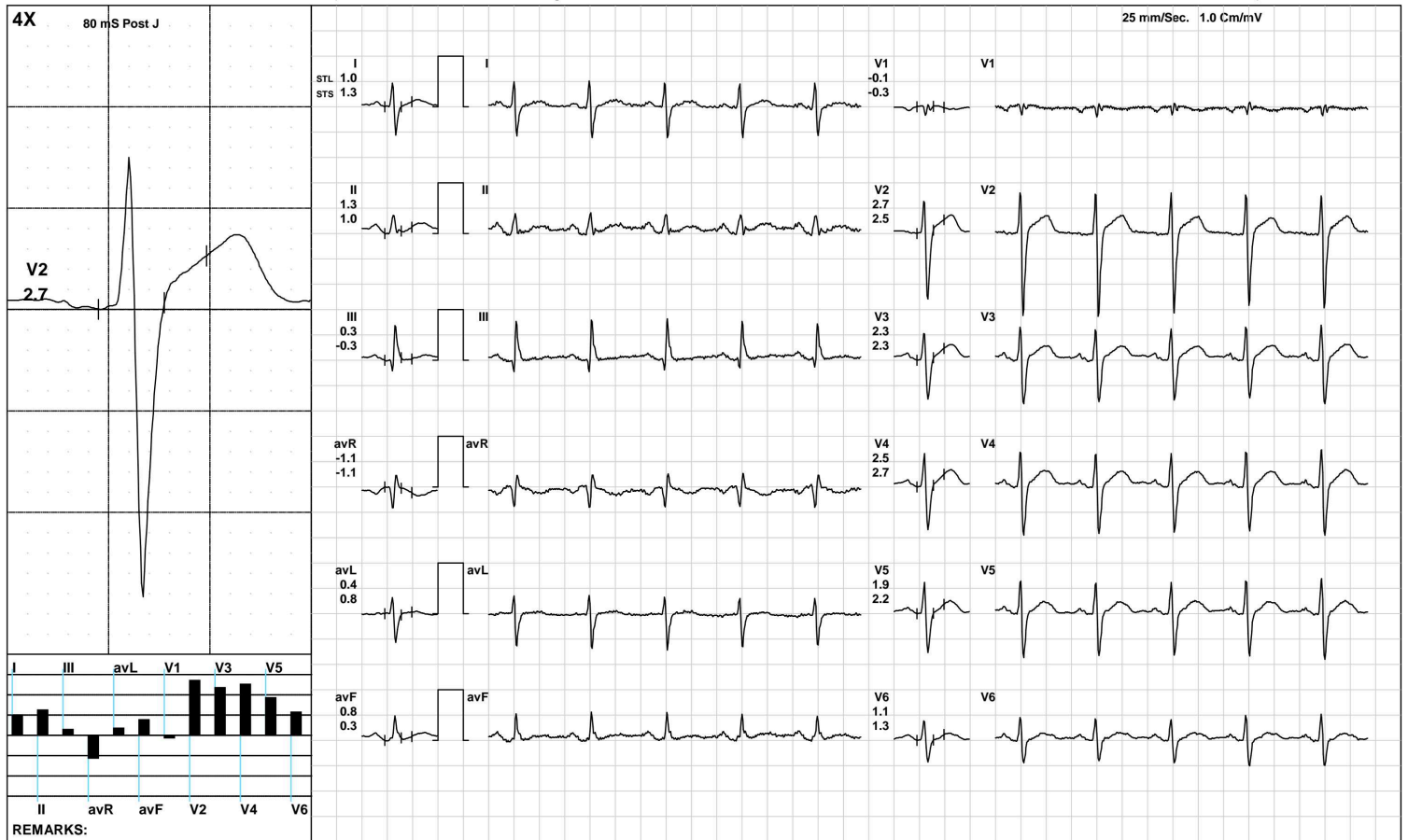
Standing



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 99

Date: 21-Mar-2022 02:12:19 PM METS: 1.0/ 99 bpm 58% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:12 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

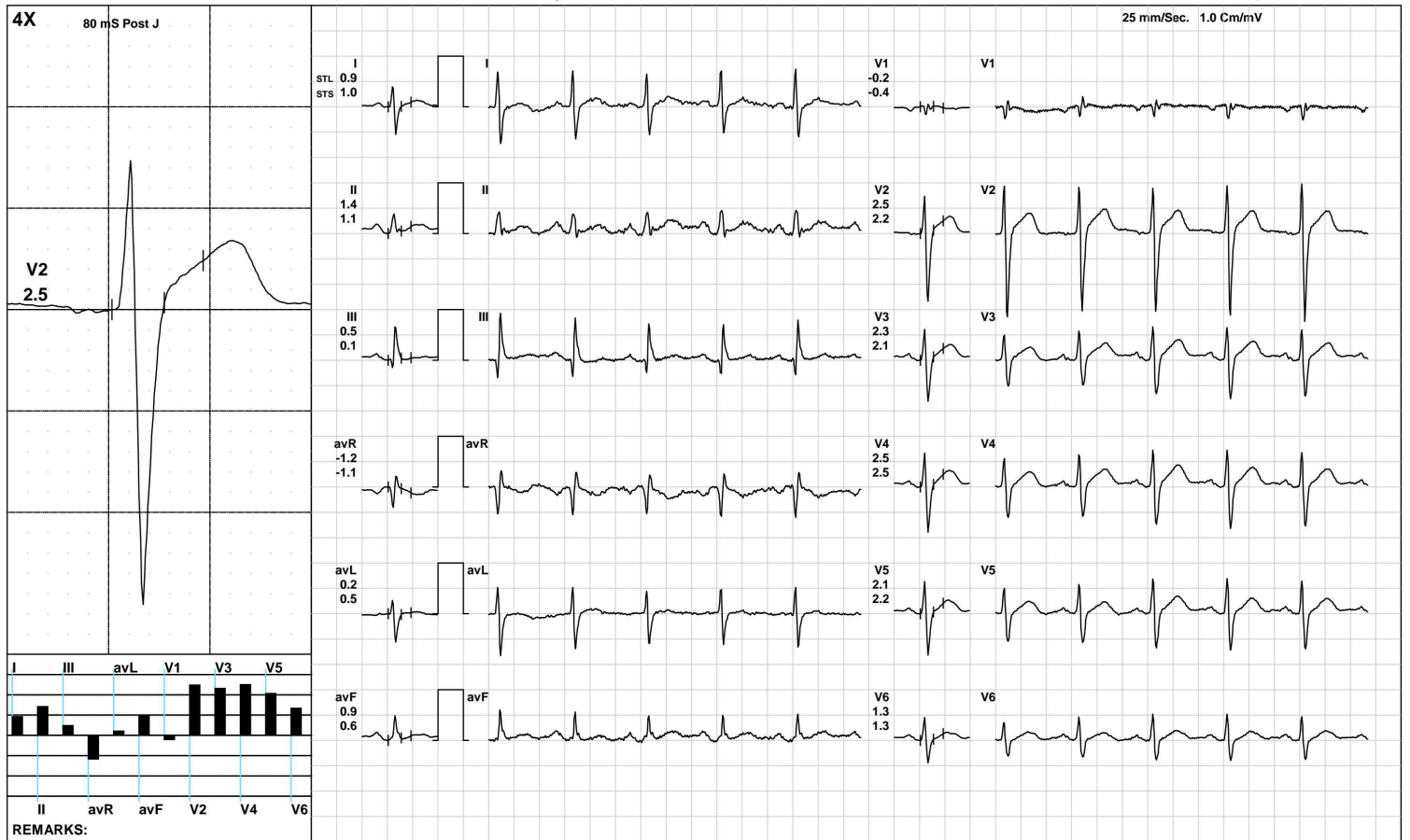
AAROGYAM DIAGNOSTICS



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 98

Date: 21-Mar-2022 02:12:19 PM METS: 1.0/ 98 bpm 58% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:24 0.0 mph, 0.0%



AAROGYAM DIAGNOSTICS

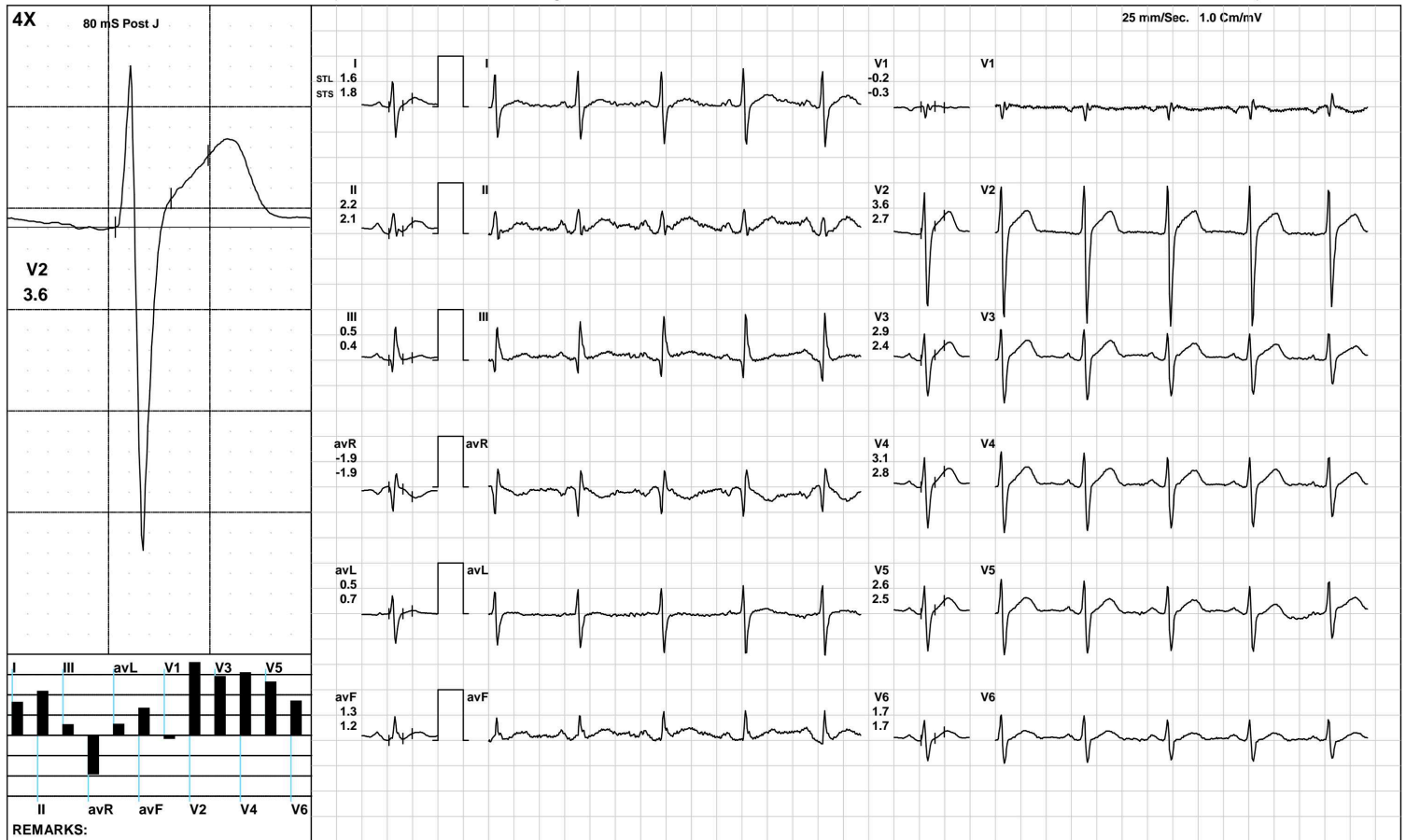
Warm Up



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 94

Date: 21-Mar-2022 02:12:19 PM METS: 1.0/ 94 bpm 55% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:47 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

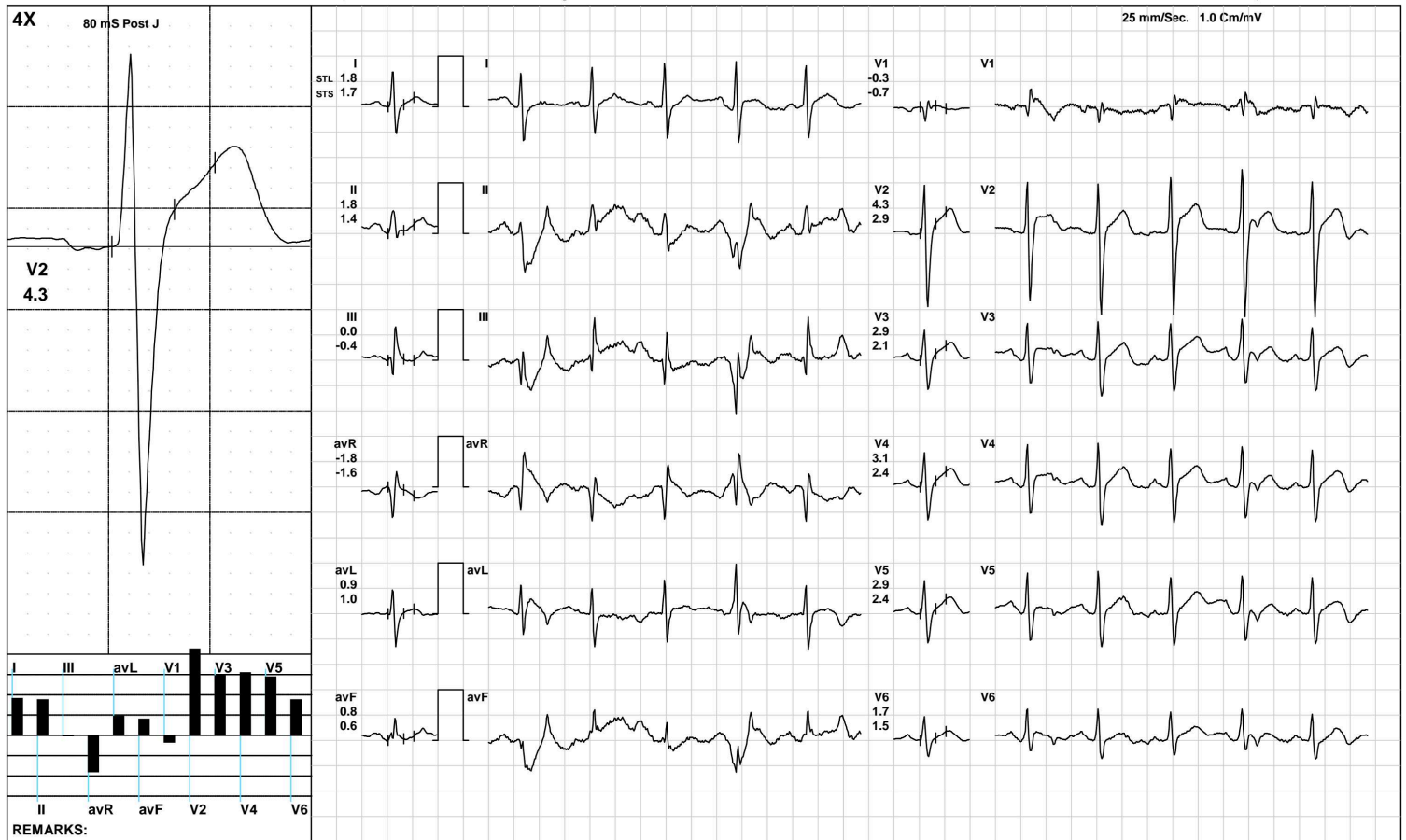
ExStart



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 109

Date: 21-Mar-2022 02:12:19 PM METS: 1.1/ 109 bpm 64% 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%



AAROGYAM DIAGNOSTICS

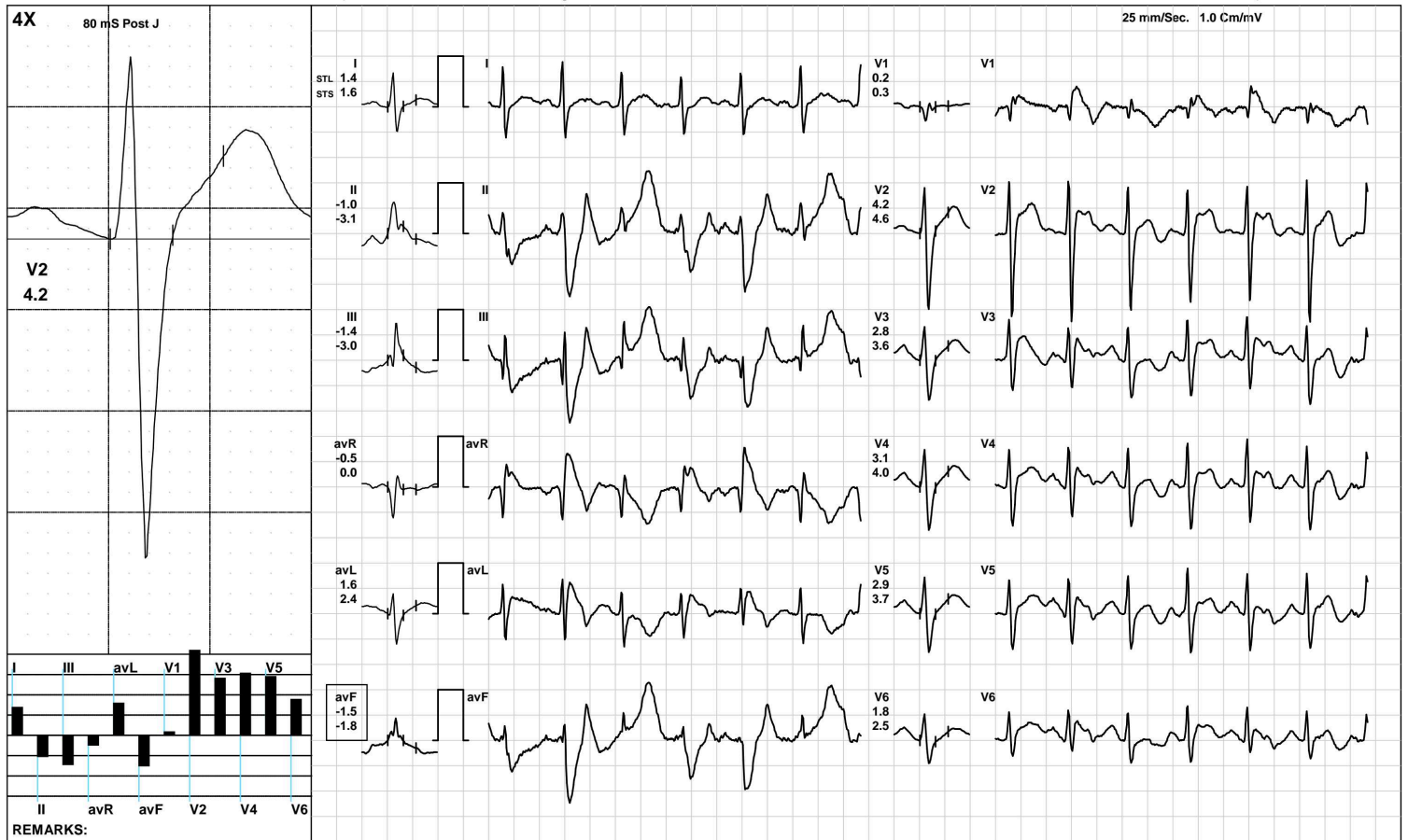
BRUCE/Stage 1(3:00)



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 125

Date: 21-Mar-2022 02:12:19 PM METS: 4.7/ 125 bpm 74% 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

AAROGYAM DIAGNOSTICS

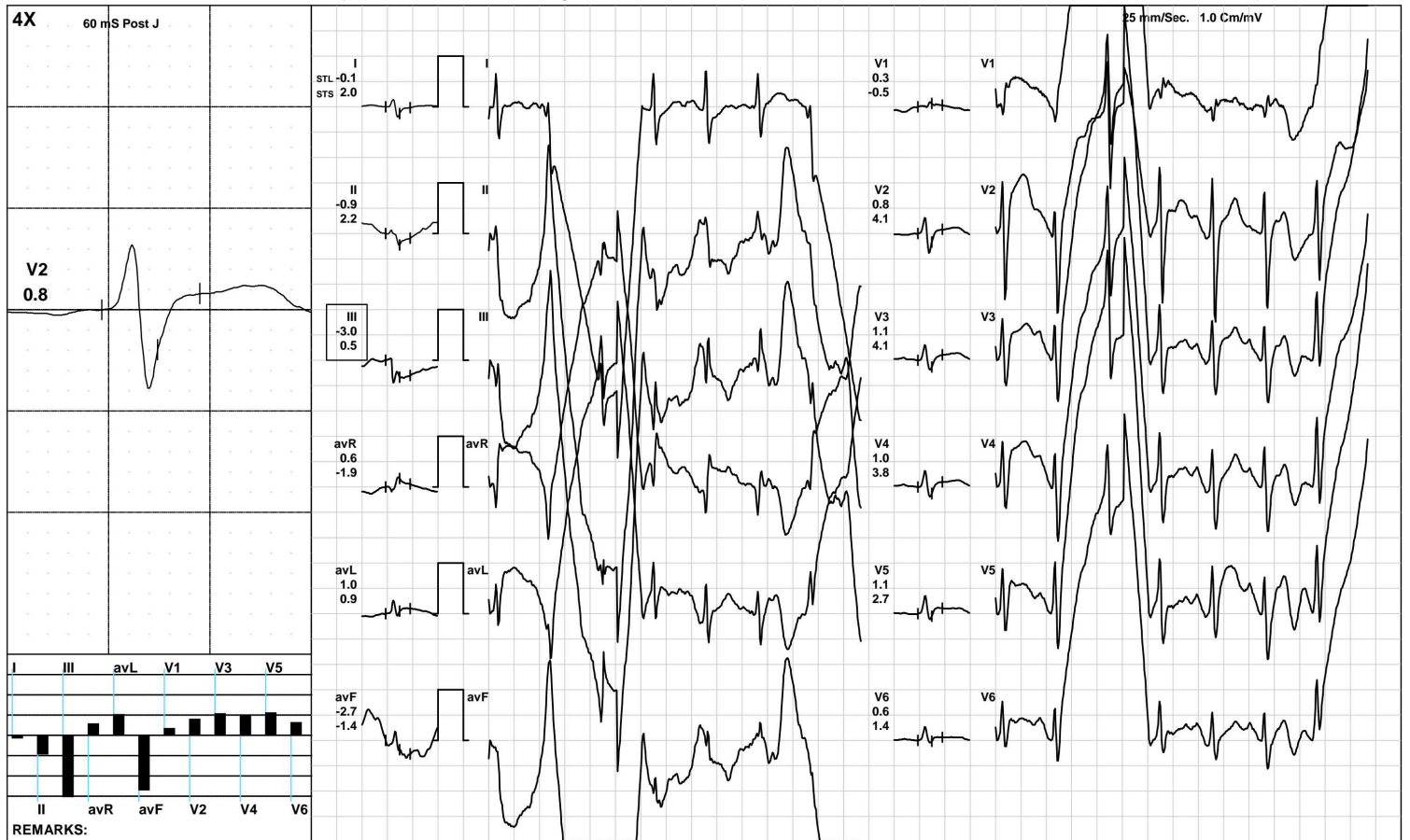
BRUCE/Stage 2(3:00)



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 142

Date: 21-Mar-2022 02:12:19 PM METS: 7.1/ 142 bpm 84% 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

AAROGYAM DIAGNOSTICS

BRUCE/Stage 3(3:00)



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 163

Date: 21-Mar-2022 02:12:19 PM METS: 10.2/ 163 bpm 97% 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

AAROGYAM DIAGNOSTICS

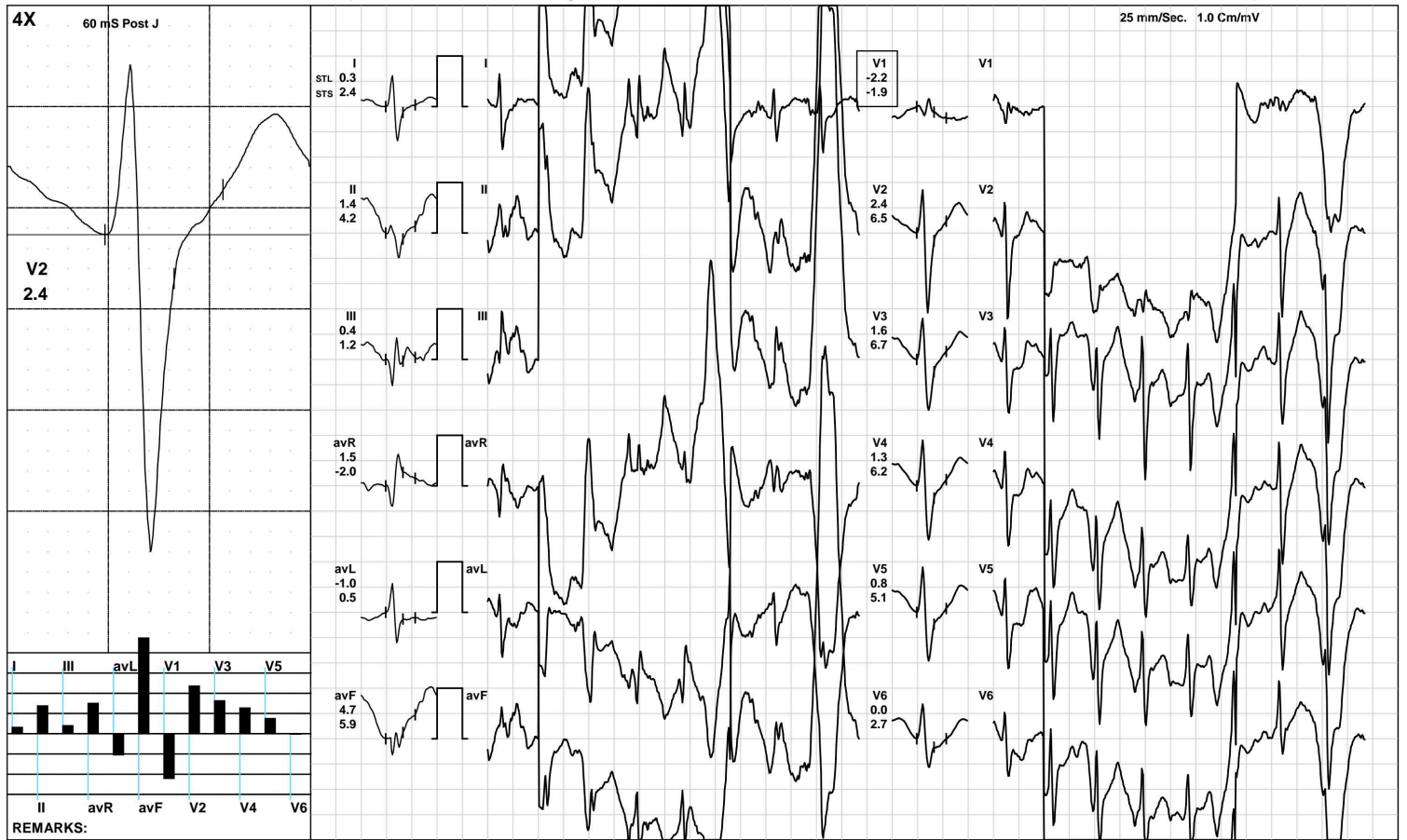
PeakEx



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 163

Date: 21-Mar-2022 02:12:19 PM METS: 10.3/ 163 bpm 97% 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

AAROGYAM DIAGNOSTICS

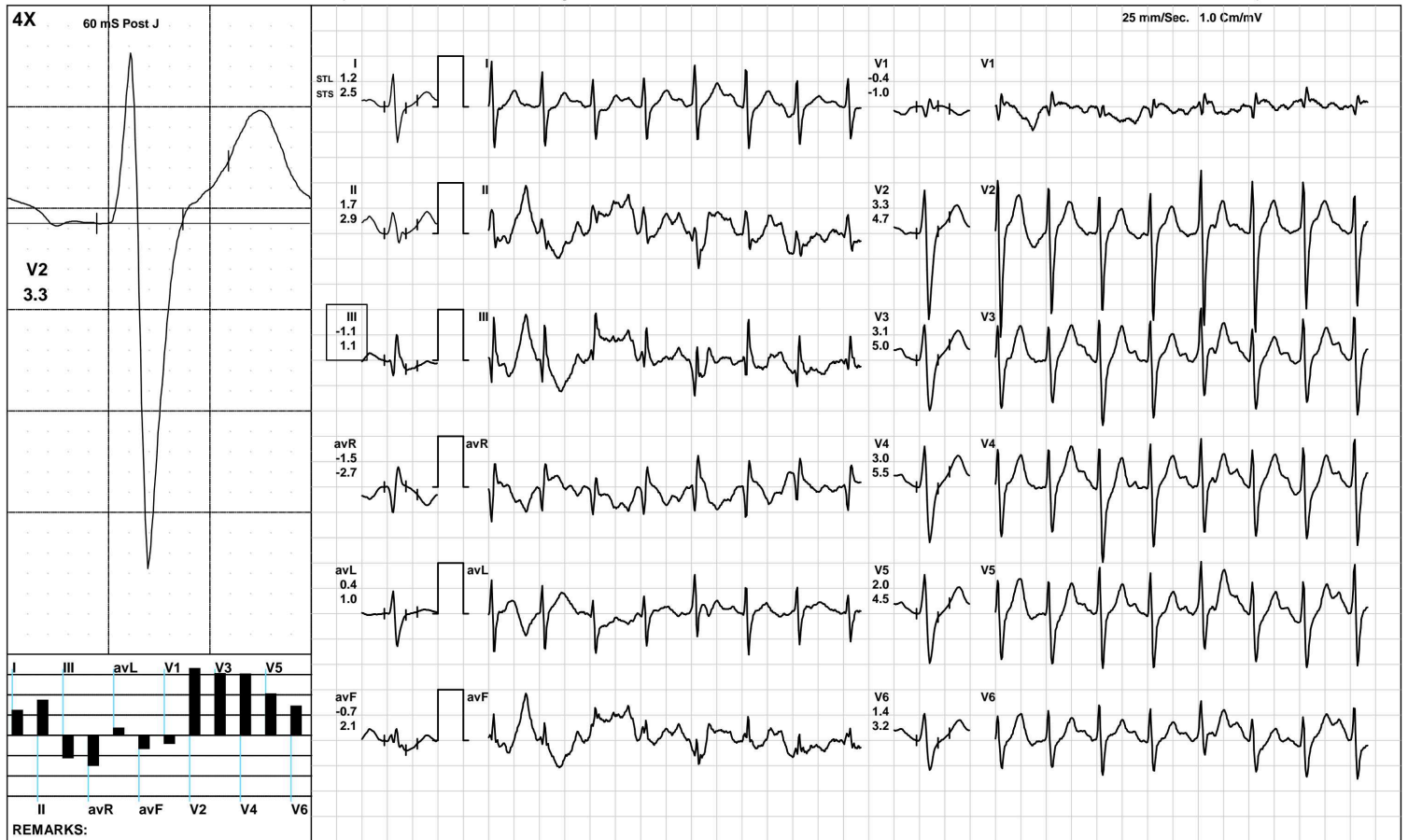
Recovery(1:00)



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 146

Date: 21-Mar-2022 02:12:19 PM METS: 4.3/ 146 bpm 86% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

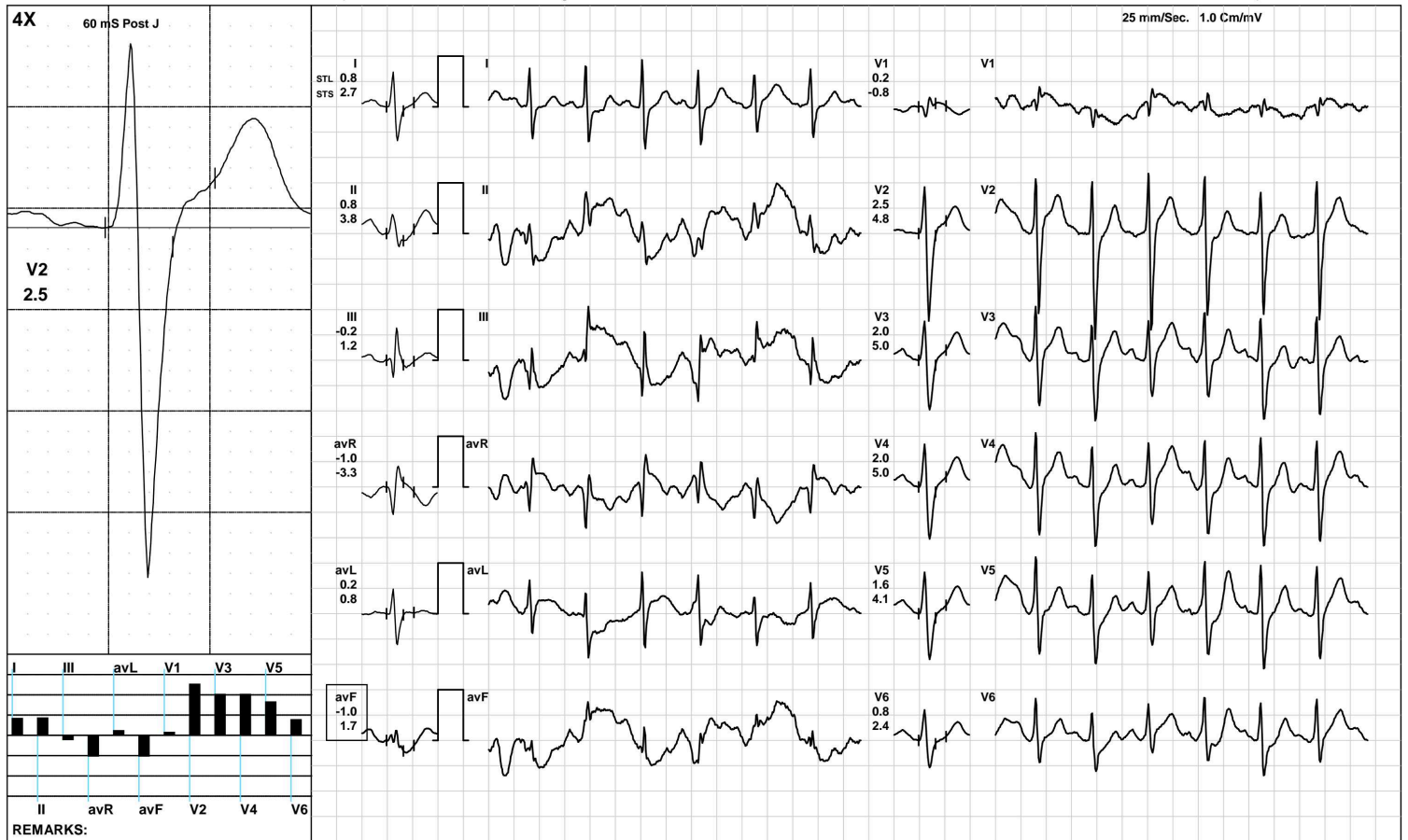
Recovery(2:00)



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 133

Date: 21-Mar-2022 02:12:19 PM METS: 1.0/ 133 bpm 79% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

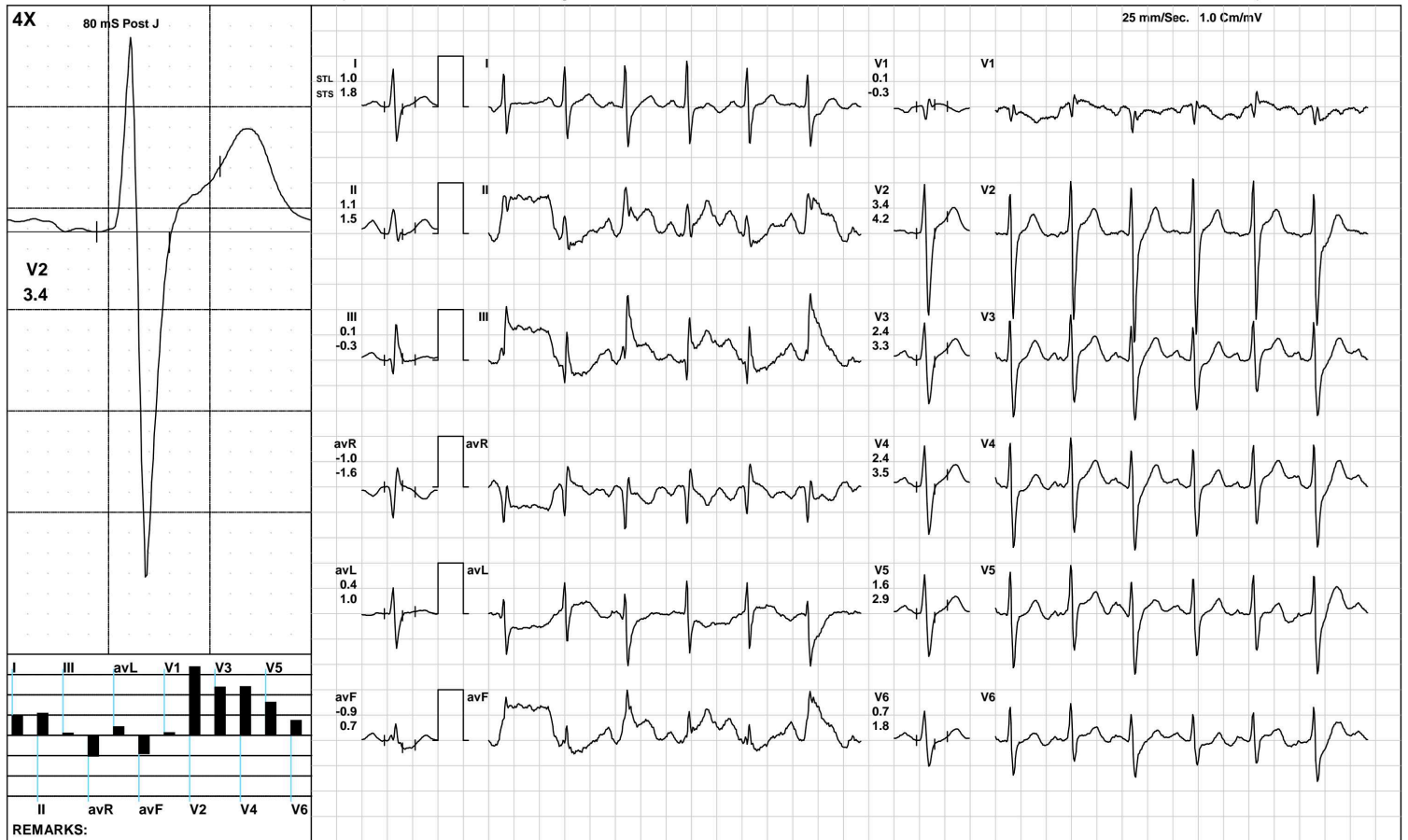
Recovery(3:47)



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 121

Date: 21-Mar-2022 02:12:19 PM METS: 1.0/ 121 bpm 72% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

ST Measurements



1220 / MR. ARUN KUMAR GAMI / 52 Yrs / M / 166 Cms / 81 Kg / HR : 100

Date: 21-Mar-2022 02:12:19 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	1.0	1.3	0.3	-1.1	0.4	0.8	-0.1	2.7	2.3	2.5	1.9	1.1	1.3	1.0	-0.3	-1.1	0.8	0.3	-0.3	2.5	2.3	2.7	2.2	1.3	
80 @mS Standing	1.0	1.3	0.3	-1.1	0.4	0.8	-0.1	2.7	2.3	2.5	1.9	1.1	1.3	1.0	-0.3	-1.1	0.8	0.3	-0.3	2.5	2.3	2.7	2.2	1.3	
HV	0.9	1.4	0.5	-1.2	0.2	0.9	-0.2	2.5	2.3	2.5	2.1	1.3	1.0	1.1	0.1	-1.1	0.5	0.6	-0.4	2.2	2.1	2.5	2.2	1.3	
Warm Up	1.6	2.2	0.5	-1.9	0.5	1.3	-0.2	3.6	2.9	3.1	2.6	1.7	1.8	2.1	0.4	-1.9	0.7	1.2	-0.3	2.7	2.4	2.8	2.5	1.7	
ExStart	1.6	1.6	0.1	-1.8	0.5	0.8	-0.7	3.6	2.5	2.6	2.2	1.4	1.3	1.0	-0.3	-1.1	0.9	0.3	-0.3	2.9	2.3	2.6	2.2	1.6	
Stage 1	1.3	2.1	0.0	-2.1	0.4	-1.9	-0.8	3.2	2.2	2.2	1.6	1.1	1.7	4.3	3.5	-2.4	0.0	-0.6	-1.6	2.9	2.0	2.3	1.7	0.8	
Stage 2	1.5	-0.1	1.7	-1.2	-1.0	-2.0	-1.4	0.2	-0.8	-0.7	-1.1	-0.8	-0.2	-1.6	-0.5	0.0	0.6	2.3	0.5	0.8	1.1	0.9	0.9	0.9	
Stage 3	1.0	-3.5	-3.9	2.9	1.8	-3.7	0.9	3.0	2.3	2.7	2.0	1.4	2.4	-9.6	-12.0	0.2	0.5	-10.8	3.8	6.1	6.9	7.1	4.4	2.6	
PeakEx	0.3	1.4	0.4	1.5	-1.0	4.7	-2.2	2.4	1.6	1.3	0.8	0.0	2.4	4.2	1.2	-2.0	0.5	5.9	-1.9	6.5	6.7	6.2	5.1	2.7	
Recovery	1.2	1.7	-1.1	-1.5	0.4	-0.7	-0.4	3.3	3.1	3.0	2.0	1.4	2.5	2.9	1.1	-2.7	1.0	2.1	-1.0	4.7	5.0	5.5	4.5	3.2	
Recovery	0.8	0.8	-0.2	-1.0	0.2	-1.0	0.2	2.5	2.0	2.0	1.6	0.8	2.7	3.8	1.2	-3.3	0.8	1.7	-0.8	4.8	5.0	5.0	4.1	2.4	
Recovery	0.5	0.5	0.0	-0.5	0.3	0.4	-0.2	3.0	2.1	2.0	1.8	0.8	1.7	1.5	-0.3	-1.6	1.0	1.4	-0.5	4.1	3.5	3.6	3.0	1.7	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μ Vs)	Supine	6.3	8.4	2.2	-7.3	2.1	5.4	-0.7	18.9	15.3	16.1	11.2	6.4
	Standing	6.3	8.4	2.2	-7.3	2.1	5.4	-0.7	18.9	15.3	16.1	11.2	6.4
	HV	6.3	9.1	2.8	-7.7	1.8	5.9	-0.9	18.1	16.1	16.9	13.5	8.4
	Warm Up	9.9	13.5	3.5	-11.7	3.2	8.5	-0.2	24.8	19.7	20.4	16.8	10.4
	ExStart	10.5	12.0	1.8	-12.9	2.8	6.2	-5.7	26.2	17.6	18.1	14.8	9.0
	Stage 1	7.0	6.2	-7.9	-10.7	3.2	-15.9	-2.0	20.6	14.1	13.6	9.6	6.8
	Stage 2	9.3	1.9	11.1	-7.6	-7.1	-14.9	-9.0	-0.5	-6.5	-5.7	-8.3	-6.4
	Stage 3	2.9	-10.7	-9.9	19.2	13.7	-10.3	2.3	11.9	7.1	7.8	7.4	5.6
	PeakEx	-1.0	2.8	7.6	12.6	-7.6	20.9	-10.9	4.1	-0.4	-2.5	-4.7	-6.7
	Recovery	2.9	4.4	-9.5	-3.7	0.7	-8.7	-0.1	11.2	9.9	8.6	4.3	2.8
	Recovery	1.2	-2.2	-4.9	-0.6	1.3	-10.8	3.3	9.7	6.6	6.3	5.0	1.5
	Recovery	1.2	-0.1	-1.4	-0.5	1.2	-1.1	0.6	16.9	10.6	9.7	9.5	3.5



PATNA

1220 / MR. ARUN KUMAR GAMI / 52 Yrs / Male / 166 Cm / 81 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)	VEB (%)	Missed Beats (Counts)
00:30	90	154	68	90	438	222	887	-1680	435	-8	V1	9	0.00	0
01:00	98	208	66	69	366	2922	942	-1581	3084	72	avF	-12	0.00	0
01:30	109	206	68	54	441	256	1039	-1648	494	54	V1	-8	0.00	0
02:00	109	182	68	54	462	256	1039	-1648	494	54	III	-8	0.00	0
02:30	120	170	68	-6	182	-1358	1020	-1640	794	-289	avF	-333	0.00	0
03:00	121	148	68	73	344	-330	921	-1582	633	189	III	-172	0.00	0
03:30	118	156	68	81	334	-426	1034	-1510	697	101	III	-116	0.00	0
04:00	125	98	70	77	475	-577	1097	-1646	837	41	III	-290	0.00	0
04:30	123	158	66	57	308	300	973	-1633	537	-133	avF	-306	0.00	0
05:00	129	136	68	-58	329	-346	991	-1570	557	-354	avF	-535	0.00	0
05:30	136	78	68	77	339	-531	923	-1589	548	-107	avF	-271	0.00	0
06:00	136	136	68	-21	317	327	983	-1592	496	-184	II	-355	0.00	0
06:30	139	142	112	103	363	4145	967	-3341	4145	-2132	V6	-2127	0.00	0
07:00	140	136	66	103	243	4145	967	-3341	4145	-2132	avF	-2127	0.00	0
07:30	142	104	-122	238	-34	-3318	2169	-3276	-3318	-3341	V1	-3353	0.00	0
08:00	155	114	80	263	310	-1862	1225	-2137	-2862	-3341	V1	-3353	0.00	0
08:30	153	106	76	54	452	-2528	2393	-2255	-2581	-1926	V5	-1917	0.00	0
09:00	158	112	72	262	370	-1018	1186	-1514	1542	-482	III	-1235	0.00	0
09:30	161	104	92	-48	296	-2052	1571	-1994	-2325	-1664	II	-2365	0.00	0
10:00	161	104	68	48	216	3363	4499	-2567	4499	-2607	V3	-2583	0.00	0
10:30	163	116	72	50	368	4558	4681	-3364	4681	-3409	avL	-3375	0.00	0
11:00	155	64	84	105	431	4426	887	-1799	3652	-3409	avL	-3375	0.00	0
11:30	146	130	68	100	330	342	923	-1706	683	35	III	-196	0.00	0
12:00	136	142	68	90	325	314	970	-1778	645	-112	avF	-164	0.00	0
12:30	132	142	68	-90	317	263	1039	-1783	650	-163	avF	-220	0.00	0

Median Measurement Summary



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)
13 : 00	130	152	68	28	329	268	1005	-1771	623	-115	avF	-182	0.00	0
13 : 30	127	156	68	80	311	312	1018	-1798	539	116	avF	-61	0.00	0
14 : 00	125	156	68	82	313	354	997	-1795	521	235	III	-66	0.00	0



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 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

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 9264278360, 9065875700, 8789391403
 info@aarogyamdiagnostics.com
 www.aarogyamdiagnostics.com

Date	21/03/2022	Srl No.	30	Patient Id	2203210030
Name	Mr. ARUN KUMAR GAMI	Age		Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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HAEMATOLOGY

HB A1C	8.1	%	
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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
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CONSULTANT PATHOLOGIST



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 www.aarogyamdiagnostics.com

Date	21/03/2022	Srl No.	30	Patient Id	2203210030
Name	Mr. ARUN KUMAR GAMI	Age		Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	14.5	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	5,200	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	11	mm/1st hr.	0 - 15
R B C COUNT	4.59	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	43.5	%	40 - 54
M C V	94.77	fl.	80 - 100
M C H	31.59	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	3.10	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		

**** End Of Report ****

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Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR FASTING	166.2	mg/dl	70 - 110
BLOOD SUGAR PP	315.4	mg/dl	80 - 160
SERUM CREATININE	0.89	mg%	0.7 - 1.4
BLOOD UREA	23.4	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.6	mg%	3.4 - 7.0

LIVER FUNCTION TEST (LFT)

BILIRUBIN TOTAL	0.64	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.19	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.45	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.7	gm/dl	6.6 - 8.3
ALBUMIN	2.7	gm/dl	3.4 - 5.2
GLOBULIN	4	gm/dl	2.3 - 3.5
A/G RATIO	0.675		
SGOT	32.2	IU/L	5 - 40
SGPT	34.6	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	67.3	U/L	40.0 - 130.0
GAMMA GT	26.8	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	130.2	mg/dL	25.0 - 165.0
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Name	Mr. ARUN KUMAR GAMI	Age	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
TOTAL CHOLESTEROL	190.4	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	46.1	mg/dL	35.1 - 88.0
V L D L	26.04	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	118.26	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	4.13		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.565		0.00 - 3.55
THYROID PROFILE			
T3	0.96	ng/ml	0.60 - 1.81
T4 Chemiluminescence	8.72	ug/dl	4.5 - 10.9
TSH Chemiluminescence	1.43	uIU/ml	
REFERENCE RANGE			
PAEDIATRIC AGE GROUP			
0-3 DAYS	1-20	ulu/ ml	
3-30 DAYS	0.5 - 6.5	ulu/ml	
1 MONTH -5 MONTHS	0.5 - 6.0	ulu/ml	
6 MONTHS- 18 YEARS	0.5 - 4.5	ulu/ml	
ADULTS	0.39 - 6.16	ulu/ml	

Note: TSH levels are subject to circadian variation, rising several hours before the onset of sleep, reaching peak levels between 11 pm to 6 am. Nadir concentrations are observed during the afternoon. Diurnal variation in TSH level approximates $\pm 50\%$, hence time of the day has influence on the measured serum TSH concentration.



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Test Name	Value	Unit	Normal Value
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Assay performed on enhanced chemi luminescence 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.
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.

URINE EXAMINATION TEST

PHYSICAL EXAMINATION

QUANTITY	25	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.025	
PH	6.0	



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Test Name	Value	Unit	Normal Value
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CHEMICAL EXAMINATION

ALBUMIN	NIL		
SUGAR	TRACE		

MICROSCOPIC EXAMINATION

PUS CELLS	3-5	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	2-4	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

STOOL EXAMINATION

STOOL ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

COLOUR/ APPEARANCE	BROWNISH
CONSISTENCY	SEMI-FORMED
PUS	NIL
MUCUS	NIL
BLOOD	NIL

CHEMICAL REACTION

REACTION	ACIDIC
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Name	Mr. ARUN KUMAR GAMI	Age		Sex	M
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MICROSCOPY EXAMINATION

PUS CELLS	2-3	/HPF
RBC'S	NIL	
OVA	NIL	
CYST	NIL	
BACTERIA	NIL	
OTHERS	NIL	

**** End Of Report ****

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