



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 :- Ms. Deepmala
Refd by :- BOB

Age/Sex:-38Yrs/F
Date :-28/08/2022

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (12.4cm) with normal echotexture. No focal or diffuse lesion is seen. IHBR are not dilated. PV is normal in course and calibre with echofree lumen.
- G. Bladder** :- A few small Polyp seen in G.B. lumen and Neck region.(Largest one measures 6.7mm in lumen).
- 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(12.5cm) 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 9.9cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Mild enlarged in size (8.6cm x 5.1cm) and anteverted in position with normal myometrial echotexture and endometrial thickness. ET-6.3mm.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 26mm x 15mm and Left ovary measures 29mm x 15mm.
No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *A few small Polyp in GB.
Mild Splenomegaly.
A/V Mild bulky Uterus.
Otherwise Normal Scan.*

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

ID: 76

DEEPMALA

female 38Years

28-08-2022 09:57:37 AM

HR : 81 bpm

P : 91 ms

PR : 132 ms

QRS : 68 ms

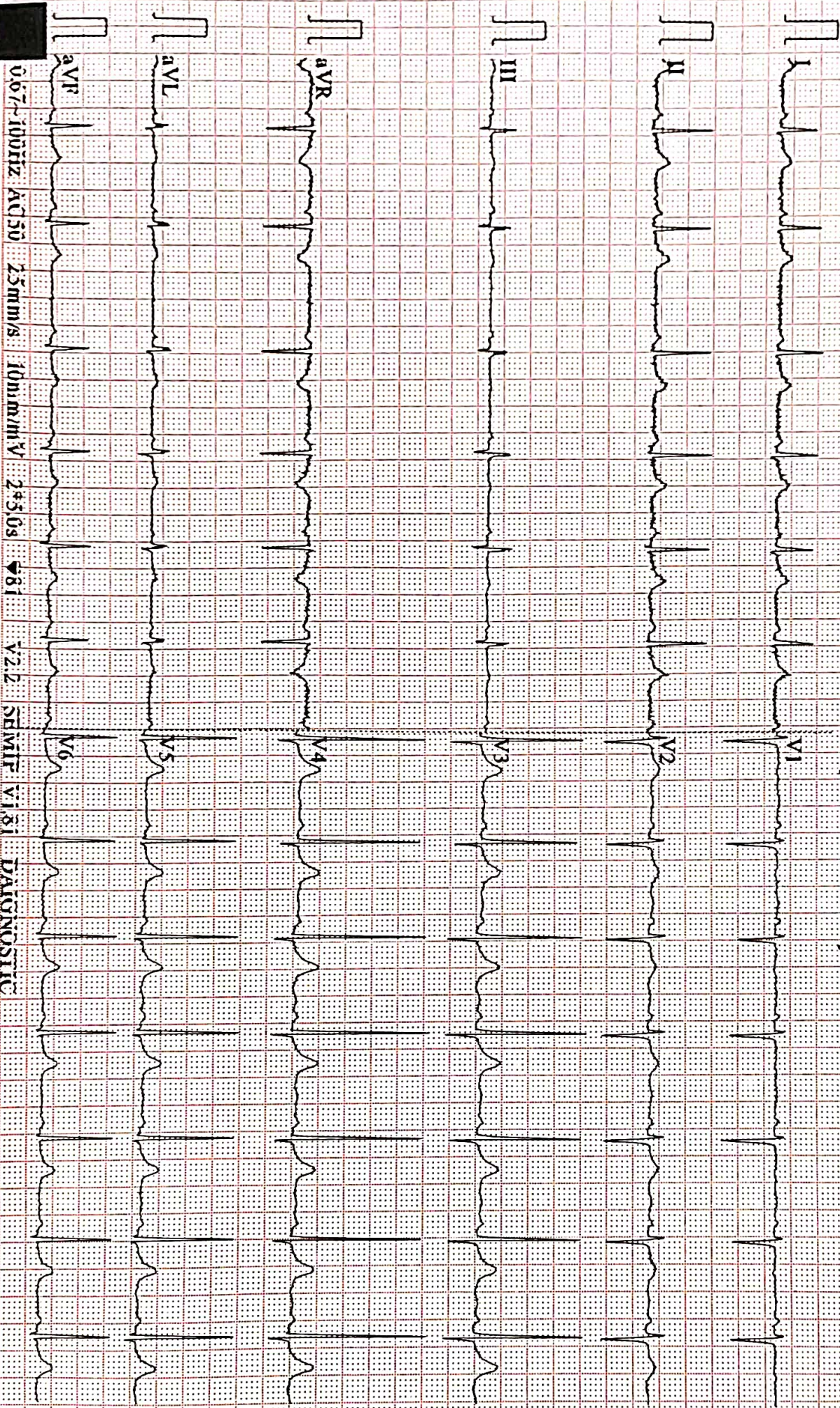
QT/QTc : 345/402 ms

PQRSST : 34/38/40

RV5/SV1 : 1.78/30.874 mV

Diagnosis Information:
Sinus Arrhythmia

Ref Phys:
Report Confirmed by:



0.67-100Hz AC50 25mm/s 10mm/mV 2*5.0s 61 V2.2 SEMIF V1.81 DIAGNOSTIC

AAROGYAM DIAGNOSTICS**PATNA**

1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg Date: 28-Aug-2022

Report

(GEM212170906)(R)Kardic by Allengers

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	111	61 %	120/80	133	00	
Standing	00:10	0:01	00.0	00.0	01.0	103	57 %	120/80	123	00	
HV	00:22	0:01	00.0	00.0	01.0	104	57 %	120/80	124	00	
Warm Up	00:43	0:01	01.0	00.0	01.0	111	61 %	120/80	133	00	
ExStart	01:05	0:06	01.7	10.0	01.1	121	66 %	120/80	145	00	
BRUCE/ Stage 1	04:05	3:00	01.7	10.0	04.7	155	85 %	125/85	193	00	
BRUCE/ Stage 2	07:05	3:00	02.5	12.0	07.1	177	97 %	130/90	230	00	
PeakEx	09:41	2:36	03.4	14.0	09.8	193	106 %	135/95	260	00	
Recovery	10:40	1:00	01.1	00.0	01.2	174	96 %	130/90	226	00	
Recovery	11:40	2:00	01.1	00.0	01.0	155	85 %	125/85	193	00	
Recovery	13:15	3:34	01.1	00.0	01.0	142	78 %	120/80	170	00	

Findings :

Exercise Time : 08:37
Max HR Attained : 200 bpm 110% of Target 182
Max BP Attained : (Sys) 135/95
Max WorkLoad Attained : 9.8 Good response to induced stress
Max ST Dep Lead & Value : V4 & -1.0 mm in Stage 2 mm
Test End Reasons : Test Complete

Report :

AAROGYAM DIAGNOSTICS

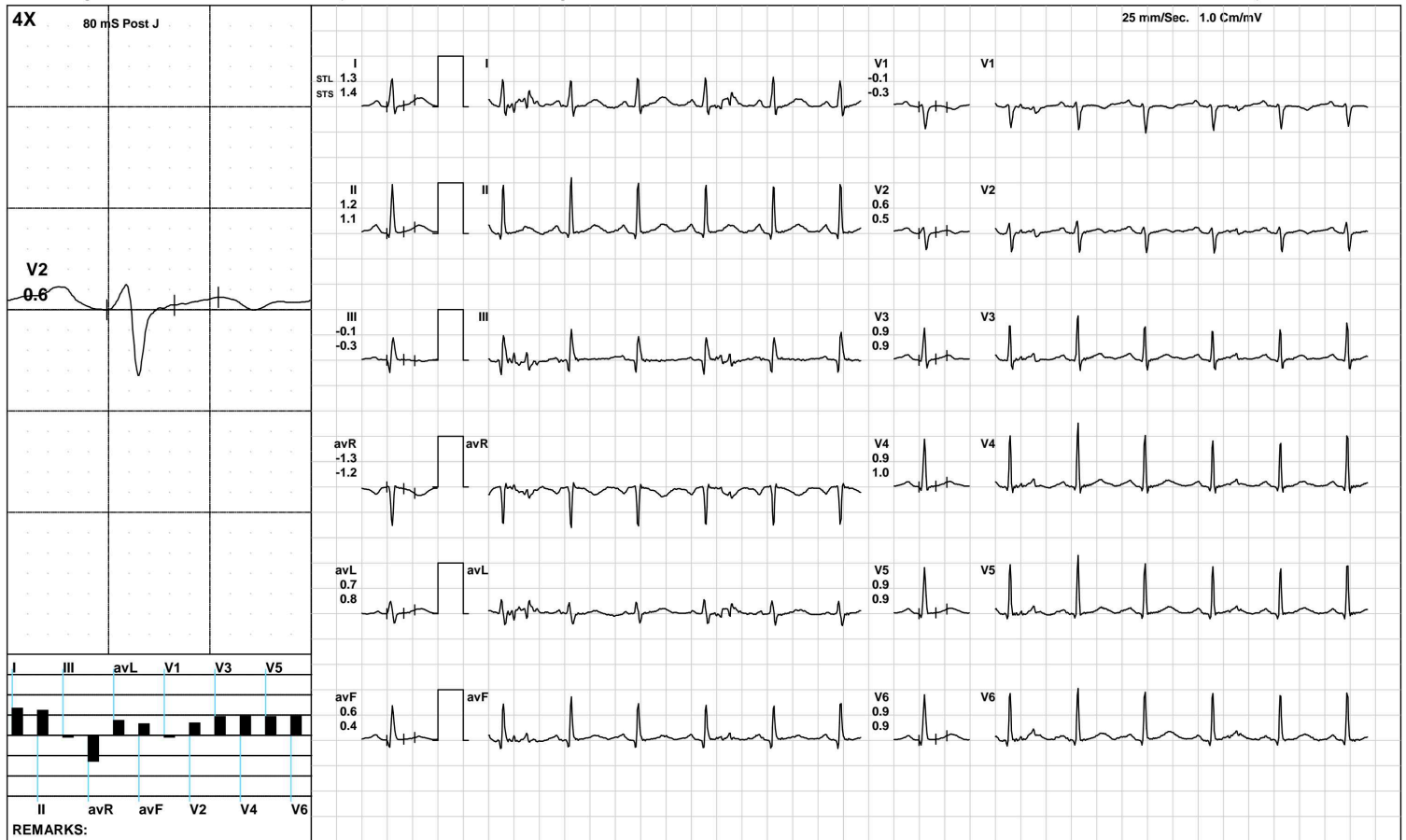
1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 111

Supine



Date: 28-Aug-2022 12:12:10 PM METS: 1.0/ 111 bpm 60% 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

AAROGYAM DIAGNOSTICS

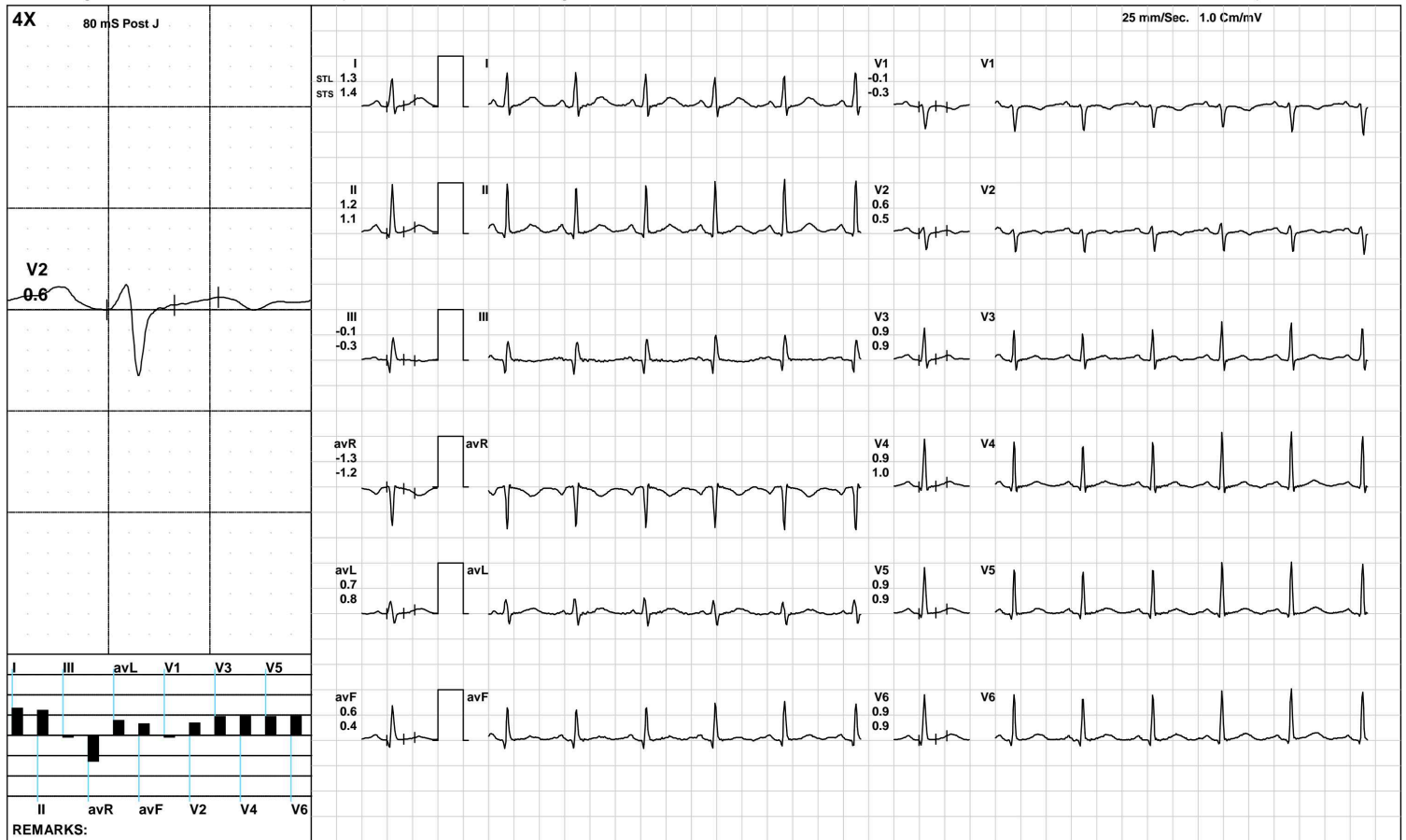
1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 103

Standing



Date: 28-Aug-2022 12:12:10 PM METS: 1.0/ 103 bpm 56% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:10 0.0 mph, 0.0%



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AAROGYAM DIAGNOSTICS

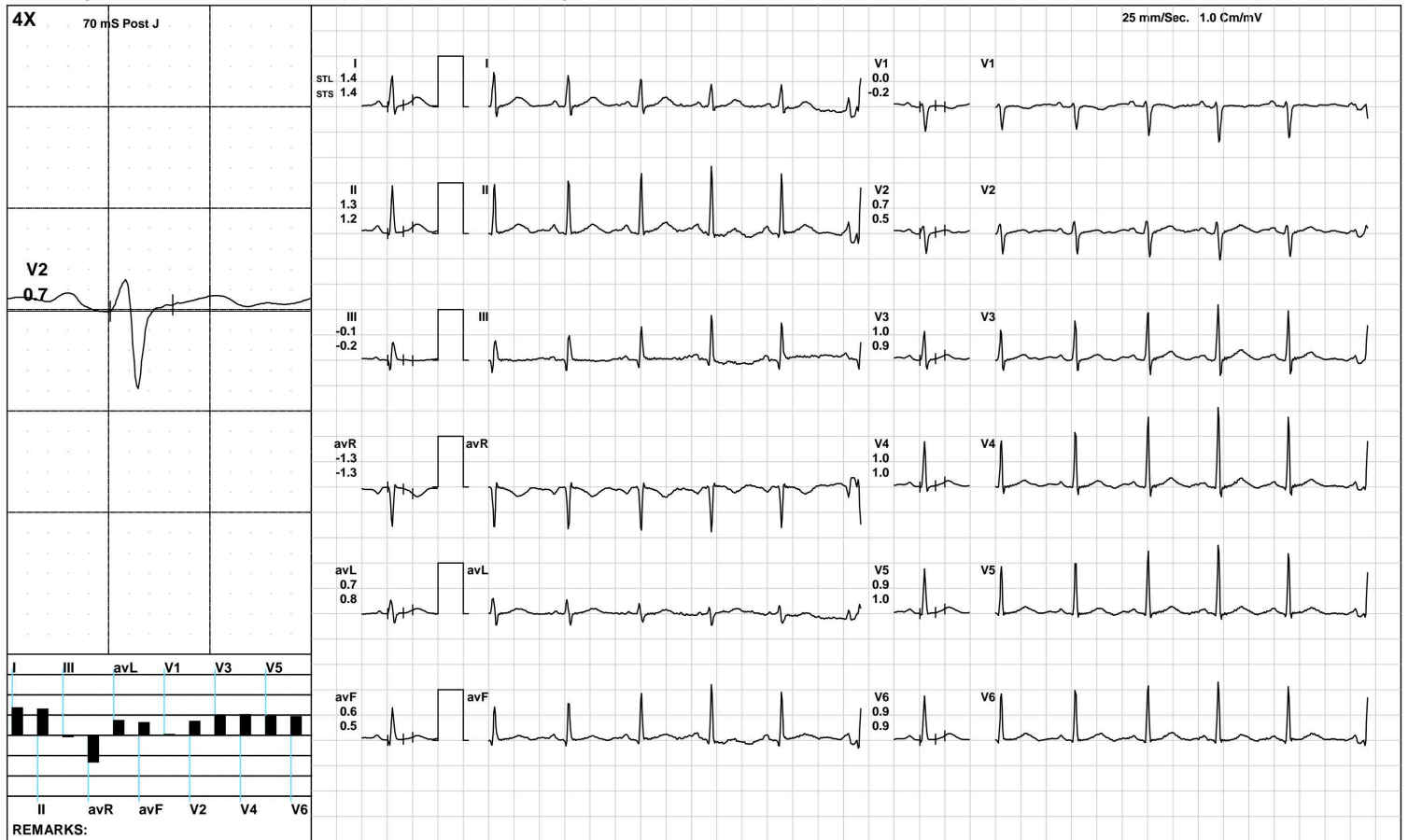
1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 104

HV



Date: 28-Aug-2022 12:12:10 PM METS: 1.0/ 104 bpm 57% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:22 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

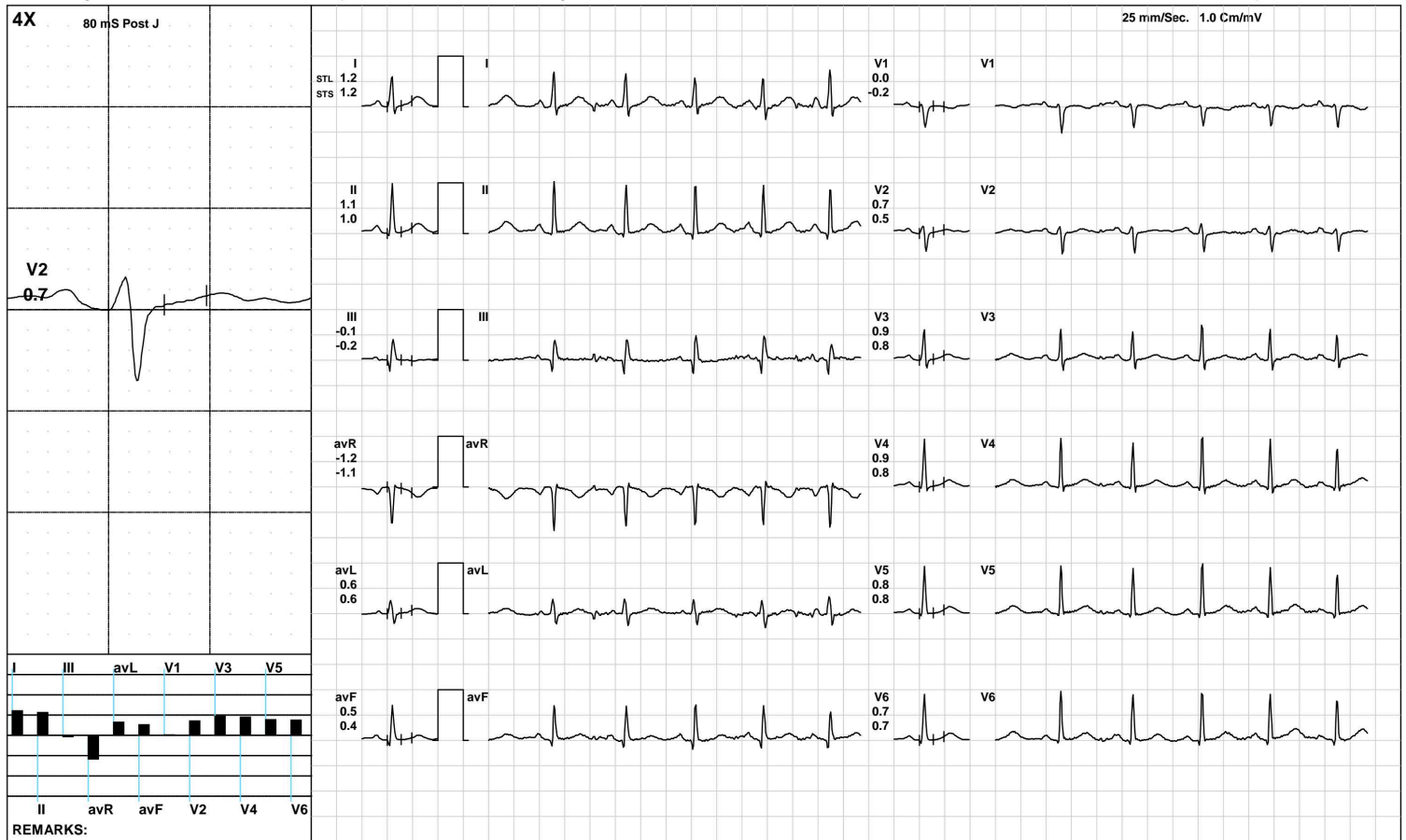
Warm Up



1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 111

Date: 28-Aug-2022 12:12:10 PM METS: 1.0/ 111 bpm 60% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:43 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

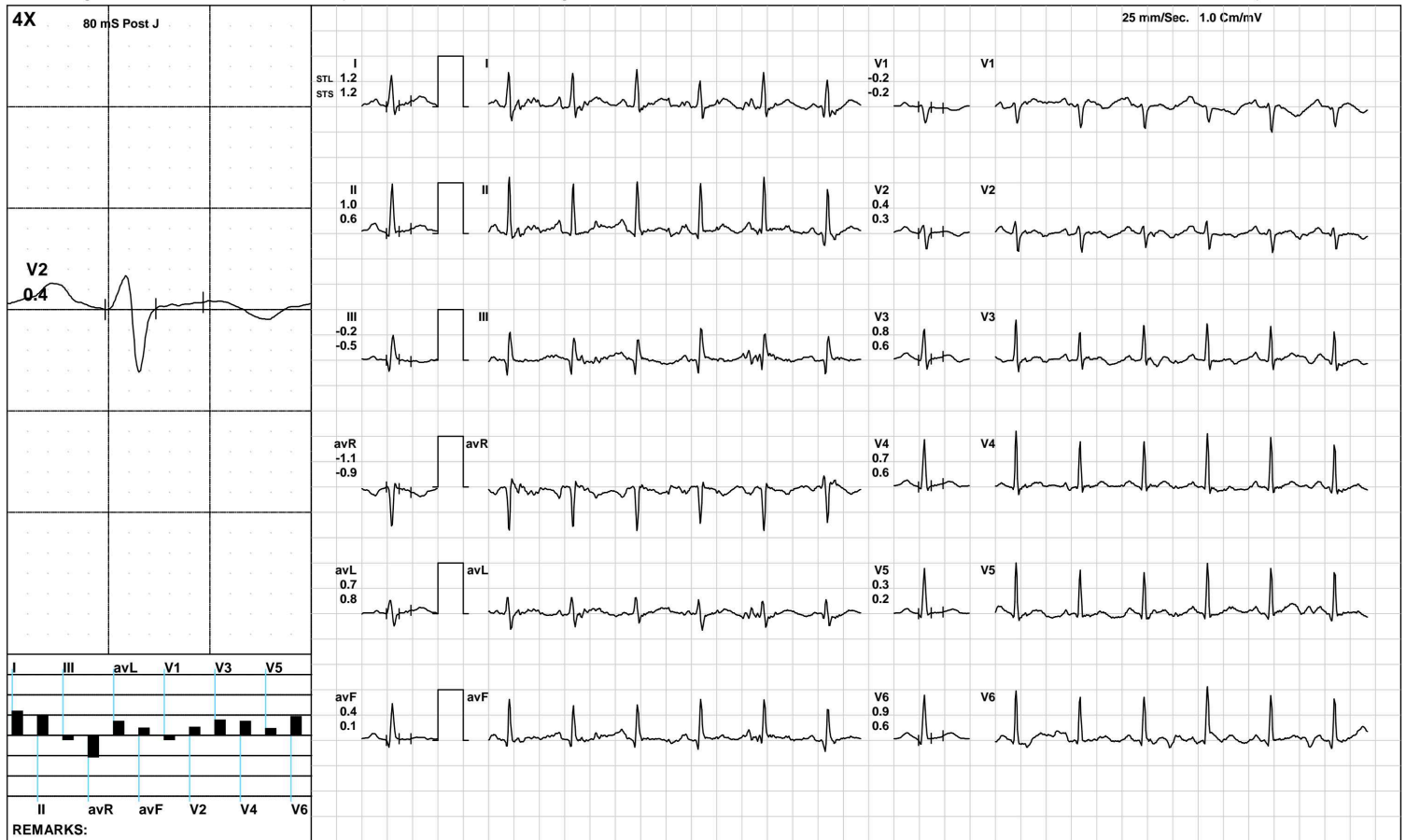
ExStart



1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 121

Date: 28-Aug-2022 12:12:10 PM METS: 1.1/ 121 bpm 66% 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

AAROGYAM DIAGNOSTICS

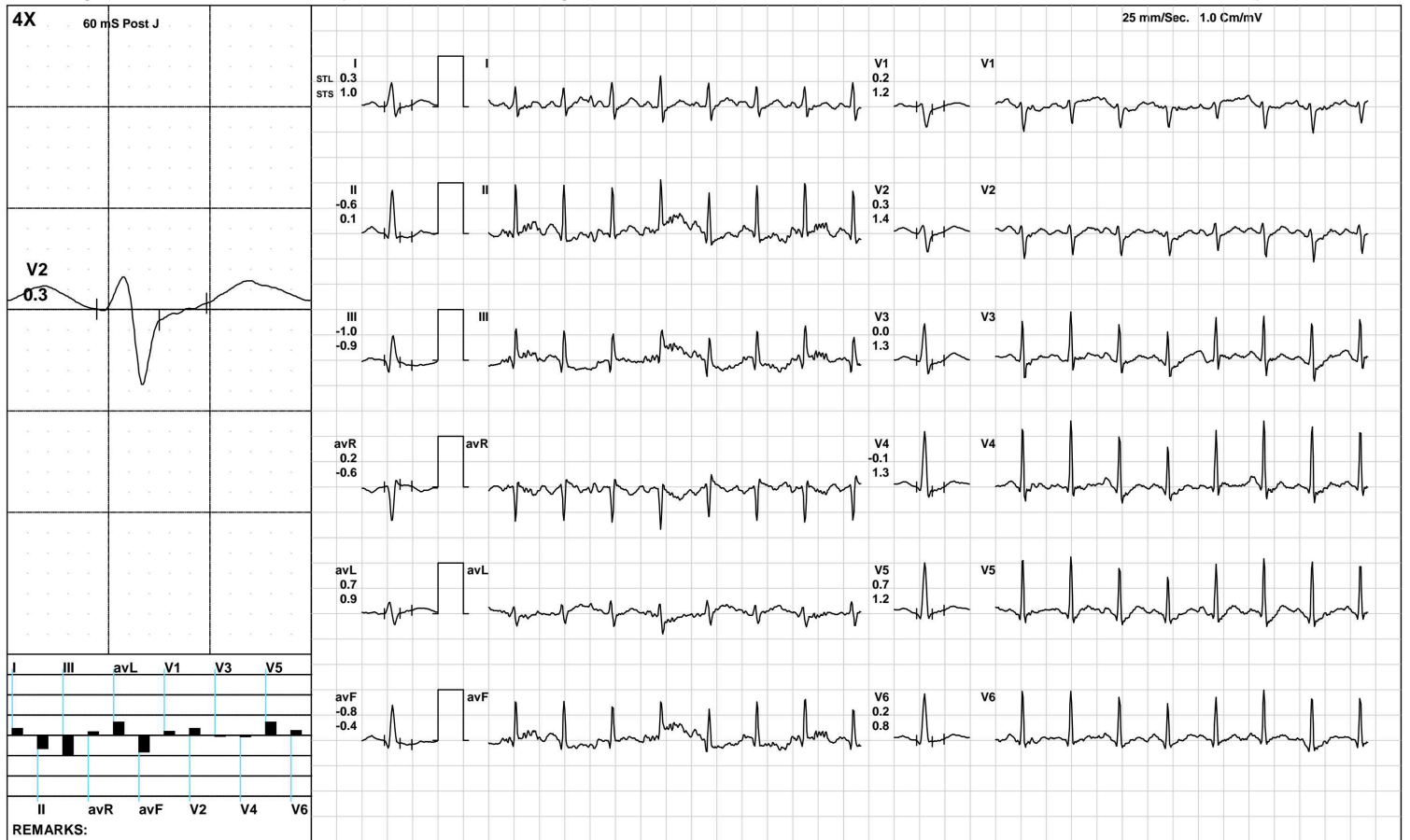
BRUCE/:Stage 1(3:00)



1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 155

Date: 28-Aug-2022 12:12:10 PM METS: 4.7/ 155 bpm 85% 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

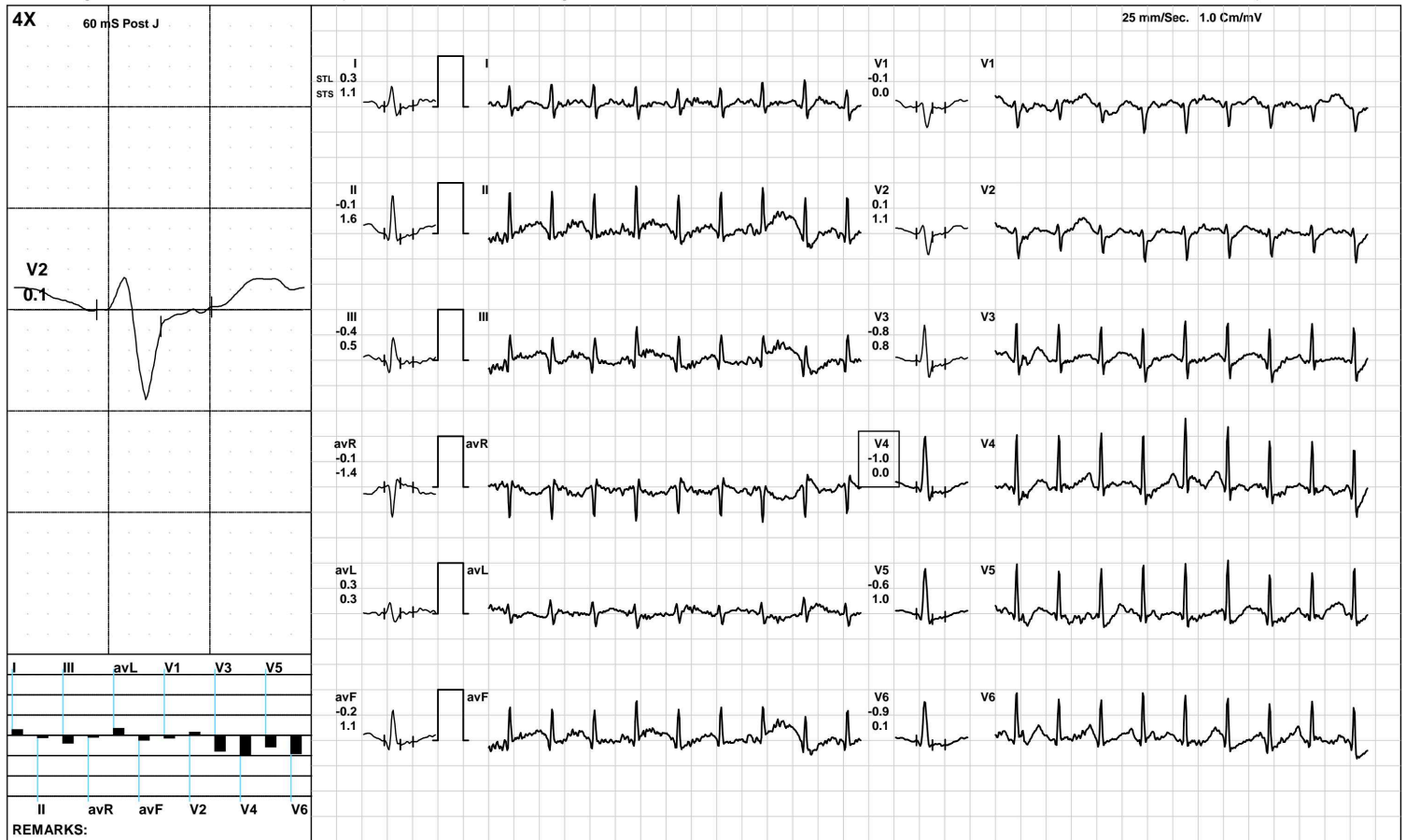
BRUCE/:Stage 2(3:00)



1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 177

Date: 28-Aug-2022 12:12:10 PM METS: 7.1/ 177 bpm 97% 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

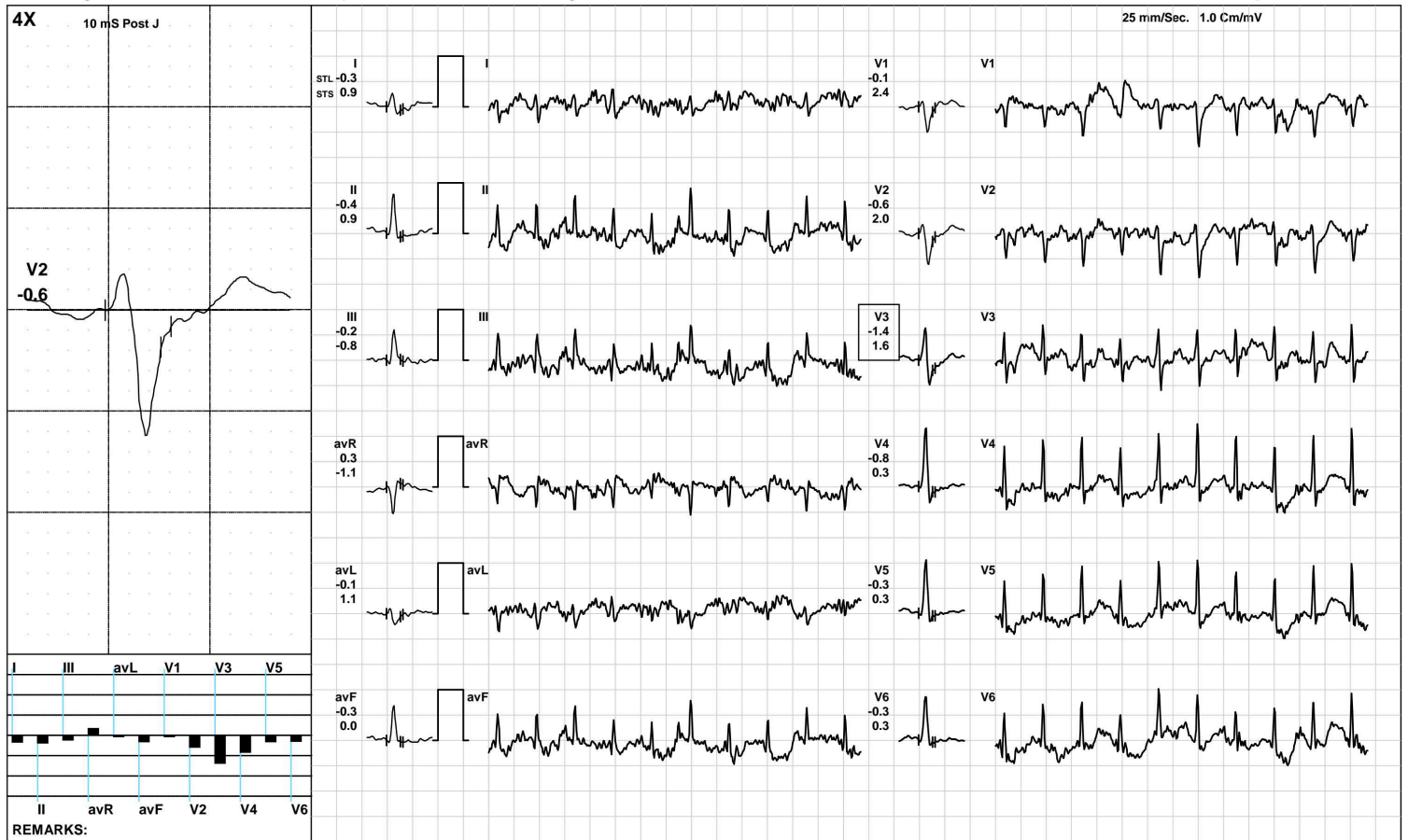
PeakEx



1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 193

Date: 28-Aug-2022 12:12:10 PM METS: 9.8/ 193 bpm 106% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:36 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

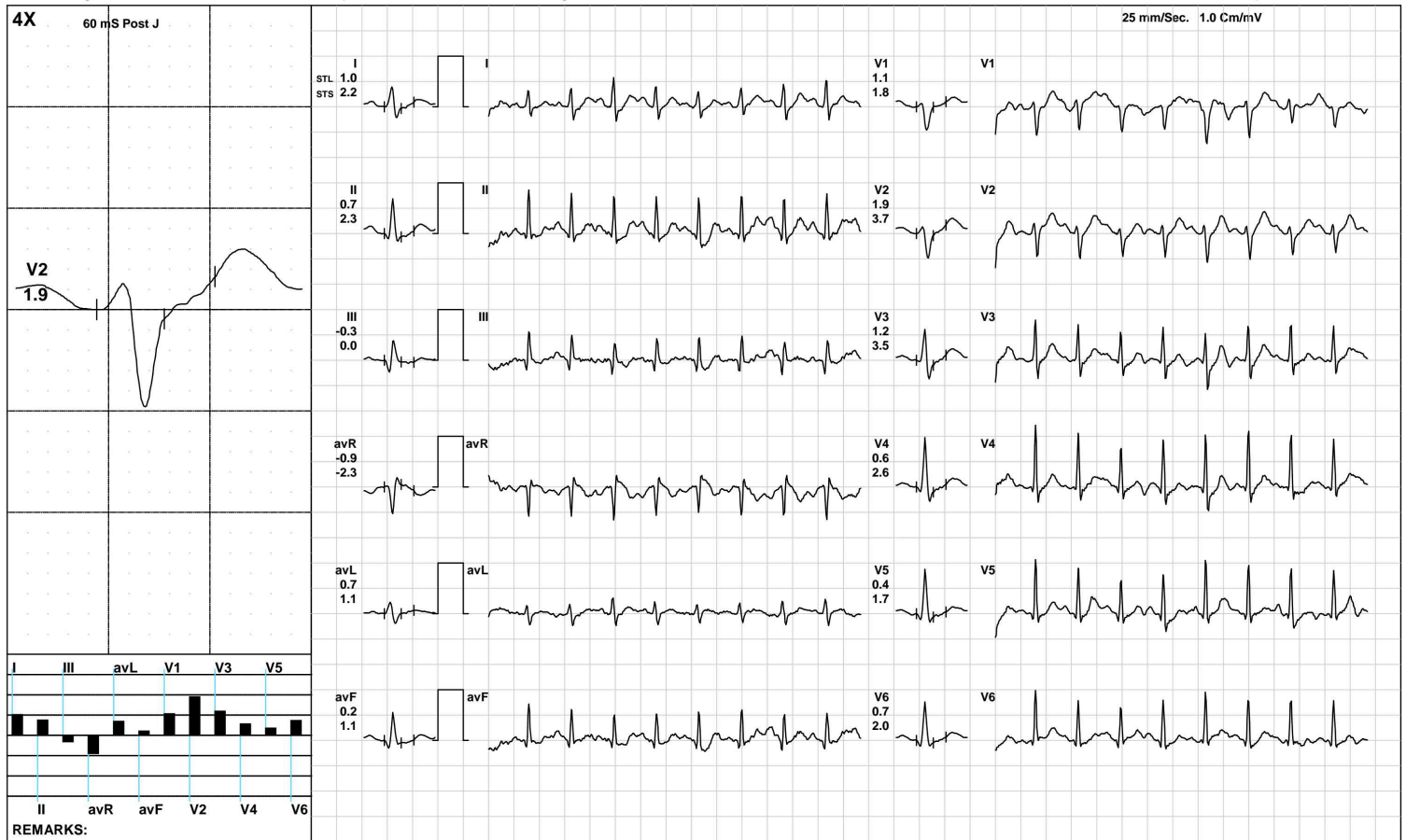
1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 174

Recovery(1:00)



Date: 28-Aug-2022 12:12:10 PM METS: 1.2/ 174 bpm 95% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:37 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

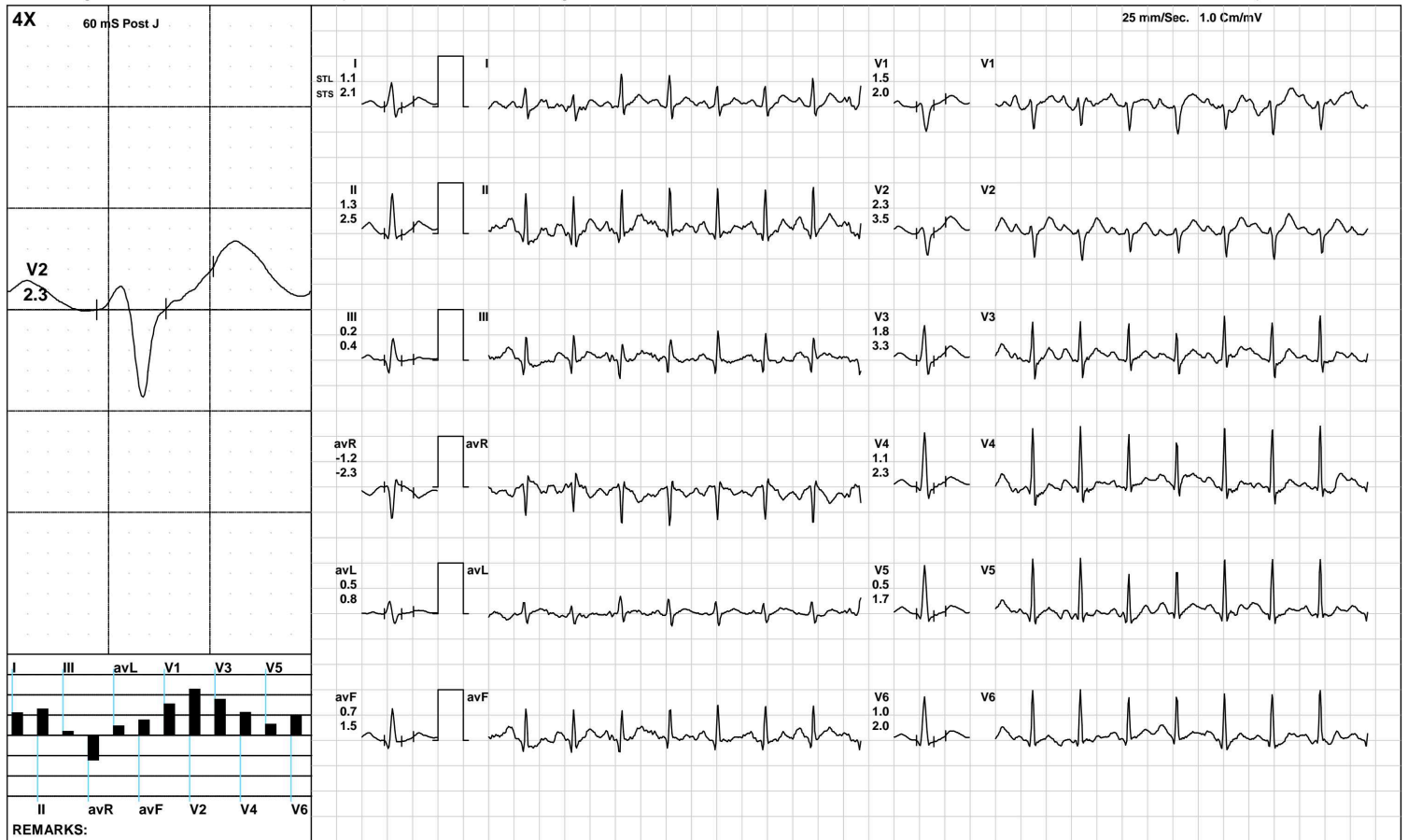
1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 155

Recovery(2:00)



Date: 28-Aug-2022 12:12:10 PM METS: 1.0/ 155 bpm 85% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:37 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

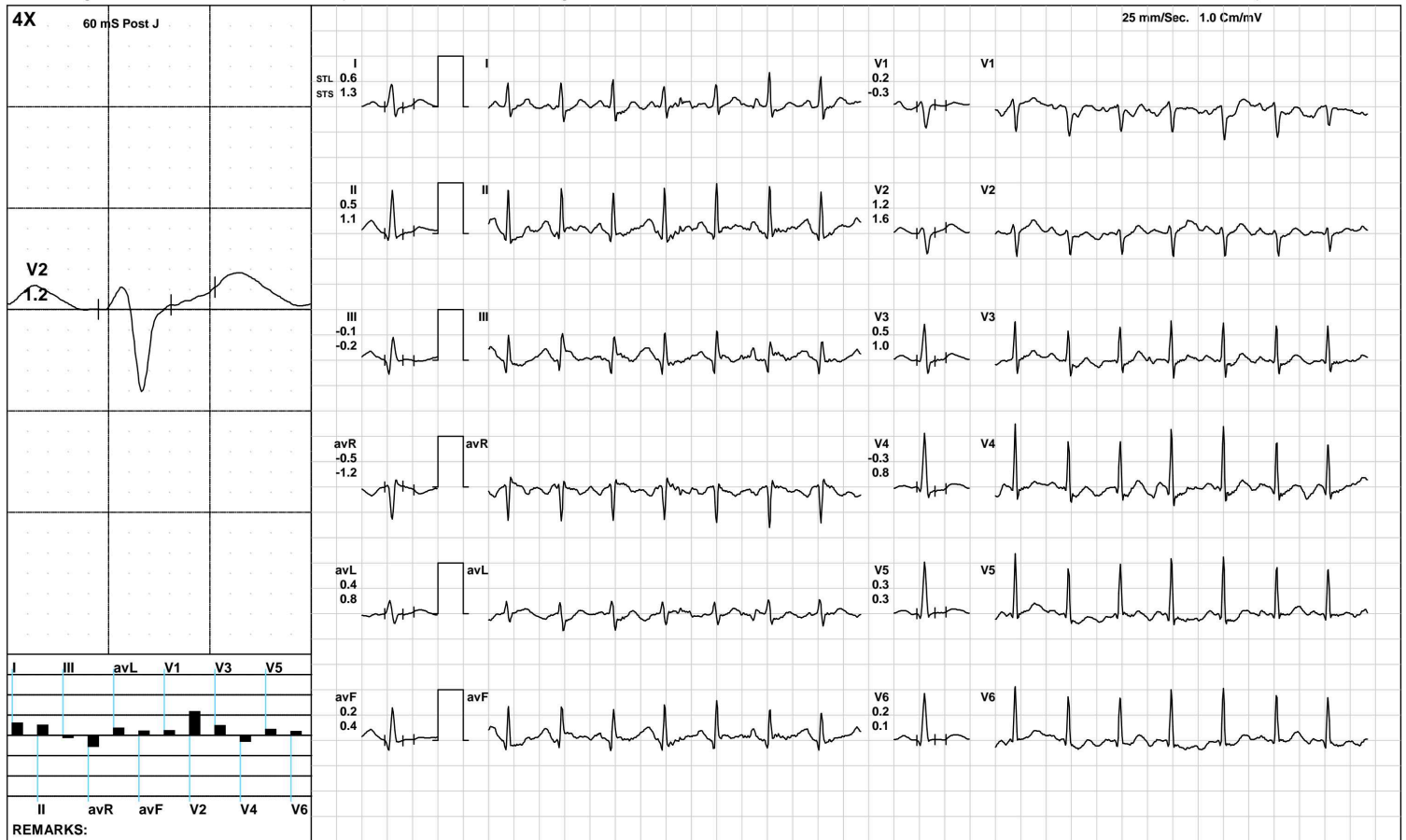
1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 142

Recovery(3:34)



Date: 28-Aug-2022 12:12:10 PM METS: 1.0/ 142 bpm 78% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:37 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

ST Measurements



1474 / MS. DEEPMALA / 38 Yrs / F / 152 Cms / 77 Kg / HR : 97

Date: 28-Aug-2022 12:12:10 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	1.3	1.2	-0.1	-1.3	0.7	0.6	-0.1	0.6	0.9	0.9	0.9	0.9	1.4	1.1	-0.3	-1.2	0.8	0.4	-0.3	0.5	0.9	1.0	0.9	0.9	
60 @mS Standing	1.3	1.2	-0.1	-1.3	0.7	0.6	-0.1	0.6	0.9	0.9	0.9	0.9	1.4	1.1	-0.3	-1.2	0.8	0.4	-0.3	0.5	0.9	1.0	0.9	0.9	
HV	1.4	1.3	-0.1	-1.3	0.7	0.6	0.0	0.7	1.0	1.0	0.9	0.9	1.4	1.2	-0.2	-1.3	0.8	0.5	-0.2	0.5	0.9	1.0	1.0	0.9	
Warm Up	1.2	1.1	-0.1	-1.2	0.6	0.5	0.0	0.7	0.9	0.9	0.8	0.7	1.2	1.0	-0.2	-1.1	0.6	0.4	-0.2	0.5	0.8	0.8	0.8	0.7	
ExStart	1.2	1.0	-0.2	-1.1	0.7	0.4	-0.2	0.4	0.8	0.7	0.3	0.9	1.2	0.6	-0.5	-0.9	0.8	0.1	-0.2	0.3	0.6	0.6	0.2	0.6	
Stage 1	0.3	-0.6	-1.0	0.2	0.7	-0.8	0.2	0.3	0.0	-0.1	0.7	0.2	1.0	0.1	-0.9	-0.6	0.9	-0.4	1.2	1.4	1.3	1.3	1.2	0.8	
Stage 2	0.3	-0.1	-0.4	-0.1	0.3	-0.2	-0.1	0.1	-0.8	-1.0	-0.6	-0.9	1.1	1.6	0.5	-1.4	0.3	1.1	0.0	1.1	0.8	0.0	1.0	0.1	
PeakEx	0.6	0.5	-0.4	-0.6	0.0	-0.1	1.3	2.2	1.0	0.2	0.2	0.1	2.0	1.2	-0.9	-1.7	1.4	0.2	1.6	3.4	3.6	1.8	1.0	0.9	
Recovery	0.5	-0.1	-0.6	-0.2	0.6	-0.3	1.8	1.9	0.9	0.5	0.3	0.5	1.8	1.8	0.0	-1.8	0.9	0.9	1.8	3.4	2.7	2.3	1.7	1.7	
Recovery	1.5	1.6	0.2	-1.5	0.7	0.9	1.6	2.5	1.9	1.4	1.1	0.9	2.6	3.1	0.5	-2.8	1.0	1.8	1.3	3.9	3.1	2.5	2.2	1.7	
Recovery	0.6	0.5	-0.1	-0.5	0.4	0.2	0.2	1.2	0.5	-0.3	0.3	0.2	1.3	1.1	-0.2	-1.2	0.8	0.4	-0.3	1.6	1.0	0.8	0.3	0.1	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		8.0	7.8	-0.2	-8.0	4.1	3.9	-0.4	3.5	5.3	5.5	5.4	5.6
Standing		8.0	7.8	-0.2	-8.0	4.1	3.9	-0.4	3.5	5.3	5.5	5.4	5.6
HV		8.3	8.3	-0.1	-8.3	4.3	4.2	0.3	3.8	5.7	5.9	5.8	5.8
Warm Up		8.0	7.7	-0.2	-7.8	4.2	3.7	0.2	4.6	5.8	5.7	5.0	4.9
ExStart		6.3	5.6	-0.7	-5.8	3.4	2.4	-1.7	2.4	4.7	4.3	2.3	5.7
Stage 1		0.4	-4.1	-4.5	1.9	2.5	-4.3	-1.2	-0.2	-2.5	-2.7	2.2	-0.1
Stage 2		-0.5	-3.3	-2.9	1.9	1.2	-3.0	-1.3	-1.0	-6.3	-6.3	-5.3	-5.0
PeakEx		-1.7	-1.2	-1.2	1.6	-2.2	-2.3	4.0	5.2	-3.0	-4.1	-1.7	-2.3
Recovery		-0.5	-4.7	-4.2	2.6	1.9	-4.5	7.1	4.1	0.0	-1.2	-1.1	0.0
Recovery		3.2	3.2	0.0	-3.2	1.6	1.6	6.0	6.8	4.9	3.2	1.8	2.0
Recovery		1.0	1.5	0.4	-1.2	0.4	0.9	1.5	4.0	1.0	-3.4	1.3	0.9



PATNA

1474 / MS. DEEPMALA / 38 Yrs / Female / 152 Cm / 77 Kg

Time	HR	PR Int	QRS Wid	QRS Axis	QTC	P(µV)	R(µV)	S(µV)	T(µV)	Min. J Leads for	Min. Post RR Var	VEB	Missed Beats
(Min.)	(bpm)	(mS)	(mS)	(Deg.)	(mS)	(Max)	(Max)	(Min)	(Max)	(µV) (I & PJ)	(%)	(Counts)	(Counts)
00 : 30	120	124	46	59	481	173	1030	-481	234	-123 V1	-62	0.00	0
01 : 00	121	160	48	61	467	194	1014	-382	201	32 III	-6	0.00	0
01 : 30	136	144	50	63	349	193	1013	-351	185	103 III	-15	0.00	0
02 : 00	144	124	52	65	429	178	1061	-764	144	55 III	-24	0.00	0
02 : 30	152	120	70	63	323	162	1063	-737	180	-49 III	-98	0.00	0
03 : 00	152	114	52	67	331	138	1044	-703	146	-16 III	-67	0.00	0
03 : 30	155	96	80	67	417	171	1122	-686	196	-58 III	-87	0.00	0
04 : 00	160	120	52	72	393	142	1128	-673	149	10 III	-63	0.00	0
04 : 30	162	104	52	74	141	136	1117	-637	-148	-137 V5	-81	0.00	0
05 : 00	167	112	80	74	292	148	1072	-618	-149	-184 V4	-66	0.00	0
05 : 30	171	84	52	73	161	158	1051	-622	168	-161 V4	-87	0.00	0
06 : 00	172	98	80	73	345	159	1101	-596	-146	-109 V6	-110	0.00	0
06 : 30	174	104	52	72	146	236	1093	-615	-262	-306 V4	-176	0.00	0
07 : 00	180	96	70	69	343	184	1005	-594	158	-166 V4	-98	0.00	0
07 : 30	185	82	52	73	167	134	1049	-529	-182	-165 V5	-120	0.00	0
08 : 00	188	94	52	76	187	140	1016	-547	-193	-263 V4	-123	0.00	0
08 : 30	190	74	66	105	401	205	1062	-574	196	-175 V4	-107	0.00	0
09 : 00	192	92	60	110	289	190	1039	-596	214	-120 II	-105	0.00	0
09 : 30	192	80	52	76	172	124	1058	-652	252	-126 avF	-94	0.00	0
10 : 00	184	88	54	78	290	166	930	-594	250	-119 V6	-63	0.00	0
10 : 30	172	98	80	134	401	-517	459	-496	-506	-520 V4	-460	0.00	0
11 : 00	160	106	70	66	412	239	1119	-511	342	-62 V5	20	0.00	0
11 : 30	154	108	66	63	420	237	1101	-502	328	33 III	6	0.00	0
12 : 00	149	118	78	64	414	229	1104	-693	285	-6 III	-2	0.00	0
12 : 30	147	124	66	65	416	236	1067	-480	234	-83 V5	-41	0.00	0



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9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	28/08/2022	Srl No.	10	Patient Id	2208280010
Name	Mrs. DEEPMALA	Age	38 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
-----------	-------	------	--------------

HAEMATOLOGY

HB A1C	5.0	%	
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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
MBBS, MD
CONSULTANT PATHOLOGIST



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 info@aarogyamdiagnostics.com
 www.aarogyamdiagnostics.com

Date	28/08/2022	Srl No. 10	Patient Id 2208280010
Name	Mrs. DEEPMALA	Age 38 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	9.4	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	7,200	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	66	%	40 - 75
LYMPHOCYTE	31	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	02	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 20
R B C COUNT	3.65	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	28.2	%	35 - 45
M C V	77.26	fl.	80 - 100
M C H	25.75	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.45	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		

**** 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	28/08/2022	Srl No. 10	Patient Id 2208280010
Name	Mrs. DEEPMALA	Age 38 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR FASTING	81.9	mg/dl	70 - 110
SERUM CREATININE	0.99	mg%	0.5 - 1.3
BLOOD UREA	32.1	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.6	mg%	2.5 - 6.0
<u>LIVER FUNCTION TEST (LFT)</u>			
BILIRUBIN TOTAL	0.59	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.16	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.43	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.1	gm/dl	6.6 - 8.3
ALBUMIN	3.0	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	0.968		
SGOT	31.6	IU/L	5 - 35
SGPT	34.3	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	94.1	U/L	35.0 - 104.0
GAMMA GT	25.6	IU/L	6.0 - 42.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	74.2	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	156.3	mg/dL	29.0 - 199.0



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Date	28/08/2022	Srl No. 10	Patient Id 2208280010
Name	Mrs. DEEPMALA	Age 38 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
H D L CHOLESTEROL DIRECT	51.1	mg/dL	35.1 - 88.0
V L D L	14.84	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	90.36	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.059		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.768		0.00 - 3.55
THYROID PROFILE			
T3	0.82	ng/ml	0.60 - 1.81
T4	9.31	ug/dl	4.5 - 10.9
Chemiluminescence			
TSH	1.74	uIU/ml	
Chemiluminescence			
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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Date	28/08/2022	Srl No.	10	Patient Id	2208280010
Name	Mrs. DEEPMALA	Age	38 Yrs.	Sex	F
Ref. By	Dr.BOB				

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.

**** End Of Report ****

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