

171160  
E.C.No.

नाम | Name SANDHYA KUMARI

पद | Designation BUSINESS ASSOCIATE

धारक के हस्ताक्षर | Signature of Holder  
Sandhya Kumari



26.02.2022

जारी करने की तारीख जारीकर्ता प्राधिकारी  
Date of Issue Issuing Authority

DOB 9 May 1990

अ.प. - 3243

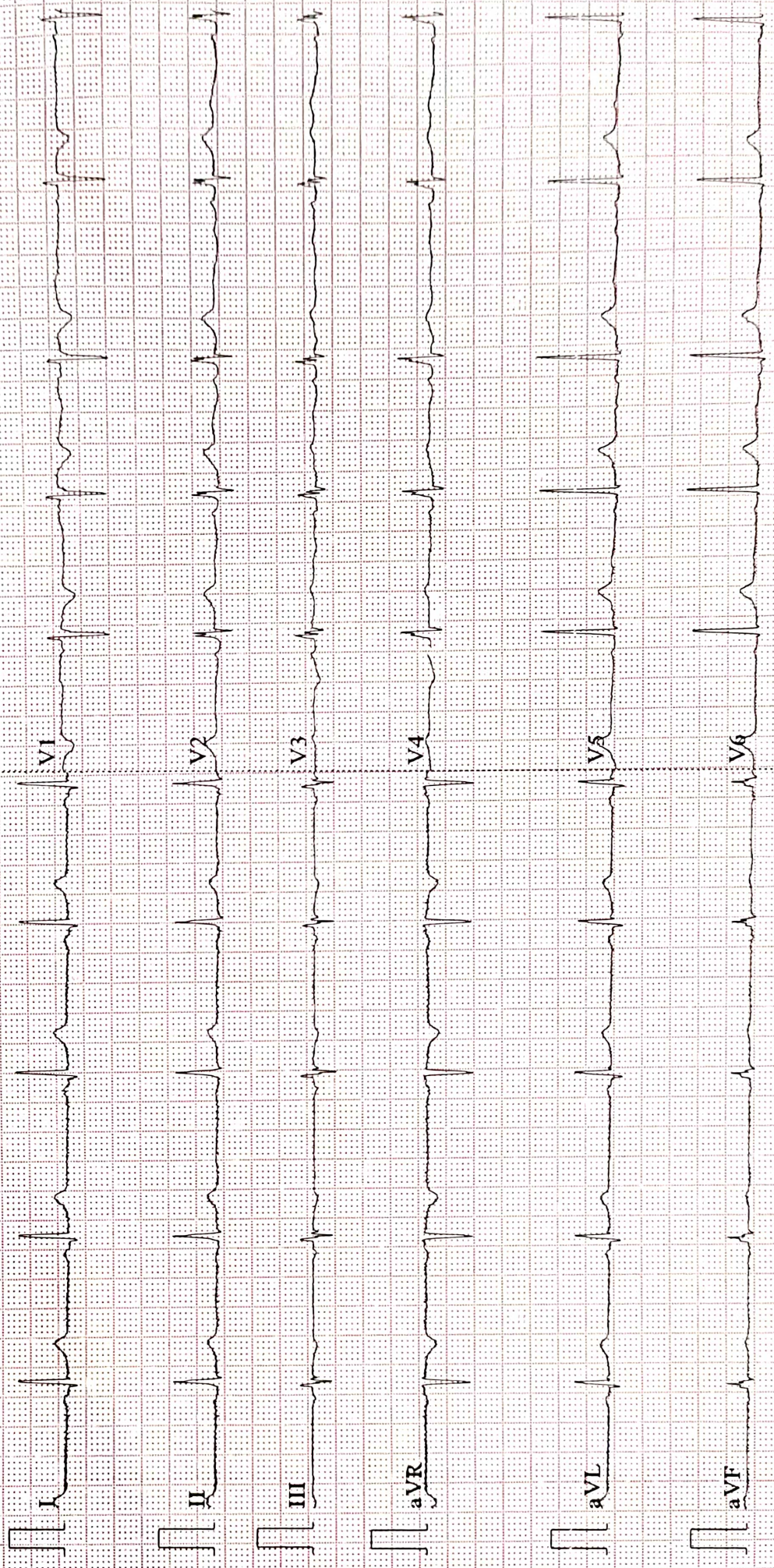
ID: 753  
SANDHYA KUMARI  
Female 32Years

12-03-2023 10:31:50 AM

HR : 60 bpm  
P : 78 ms  
PR : 135 ms  
QRS : 86 ms  
QT/QTc : 403/405 ms  
P/QRS/T : -25/20/15 °  
RV5/SV1 : 1.327/0.836 mV

Diagnosis Information:  
Sinus Arrhythmia

Ref-Phys. :  
Report Confirmed by:





Name :- Ms. Sandhya Kumari  
Refd by :- Corp

Age/Sex:- 32 yrs/F  
Date :-12/03/23

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size (11.4cm) 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** :- At least four calculi of measuring size 14.6mm, 12.2mm, 11.8mm and 11.8mm with posterior acoustic shadows seen within G.B. lumen. wall appears normal and thickness 2.2mm, No peri GB fluid.
- 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 (10.3cm) 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 10.0cm and Left Kidney measures 10.6cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder** :- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Enlarged in size (98mm x 48mm) and anteverted in position with normal myometrial echotexture and endometrial thickness. ET-9.2mm
- Ovaries** :- Left ovary show normal echotexture and follicular pattern.  
Left ovary measures 35mm x 23mm.  
Right ovary Hemorrhagic cyst measuring size 43mm x 27mm seen in It.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Cholelithiasis without Cholecystitis.  
AV Bulky Uterus.  
Right Ovarian Hemorrhagic Cyst.  
Otherwise Normal Scan.*

*Dr. U. Kumar  
MBBS/MD( Radiology)  
Consultant Radiologist*



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg Date: 12-Mar-2023 Technician : RESHMA ALI

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:07	0:01	00.0	00.0	01.0	91	48 %	100/70	091	00	
Standing	00:12	0:01	00.0	00.0	01.0	88	47 %	100/70	088	00	
HV	00:19	0:01	00.0	00.0	01.0	093	49 %	100/70	093	00	
Warm Up	00:31	0:01	01.0	00.0	01.0	082	44 %	100/70	082	00	
ExStart	00:39	0:06	01.7	10.0	01.1	129	69 %	100/70	129	00	
BRUCE/ Stage 1	03:39	3:00	01.7	10.0	04.7	152	81 %	105/75	159	00	
BRUCE/ Stage 2	06:39	3:00	02.5	12.0	07.1	163	87 %	110/80	179	00	
PeakEx	09:23	2:44	03.4	14.0	09.9	186	99 %	115/85	213	00	
Recovery	10:22	1:00	01.1	00.0	01.2	160	85 %	110/80	176	00	
Recovery	11:22	2:00	01.1	00.0	01.0	146	78 %	105/75	153	00	
Recovery	12:31	3:08	01.1	00.0	01.0	130	69 %	100/70	130	00	

**Findings :**

Exercise Time : 08:45  
Max HR Attained : 190 bpm 101% of Target 188  
Max BP Attained : (Sys) 115/85  
Max WorkLoad Attained : 9.9 Good response to induced stress  
Max ST Dep Lead & Value : V4 & -1.7 mm in PeakEx mm  
Test End Reasons : Test Complete

**Report :**

**Aarogam Diagnostics**

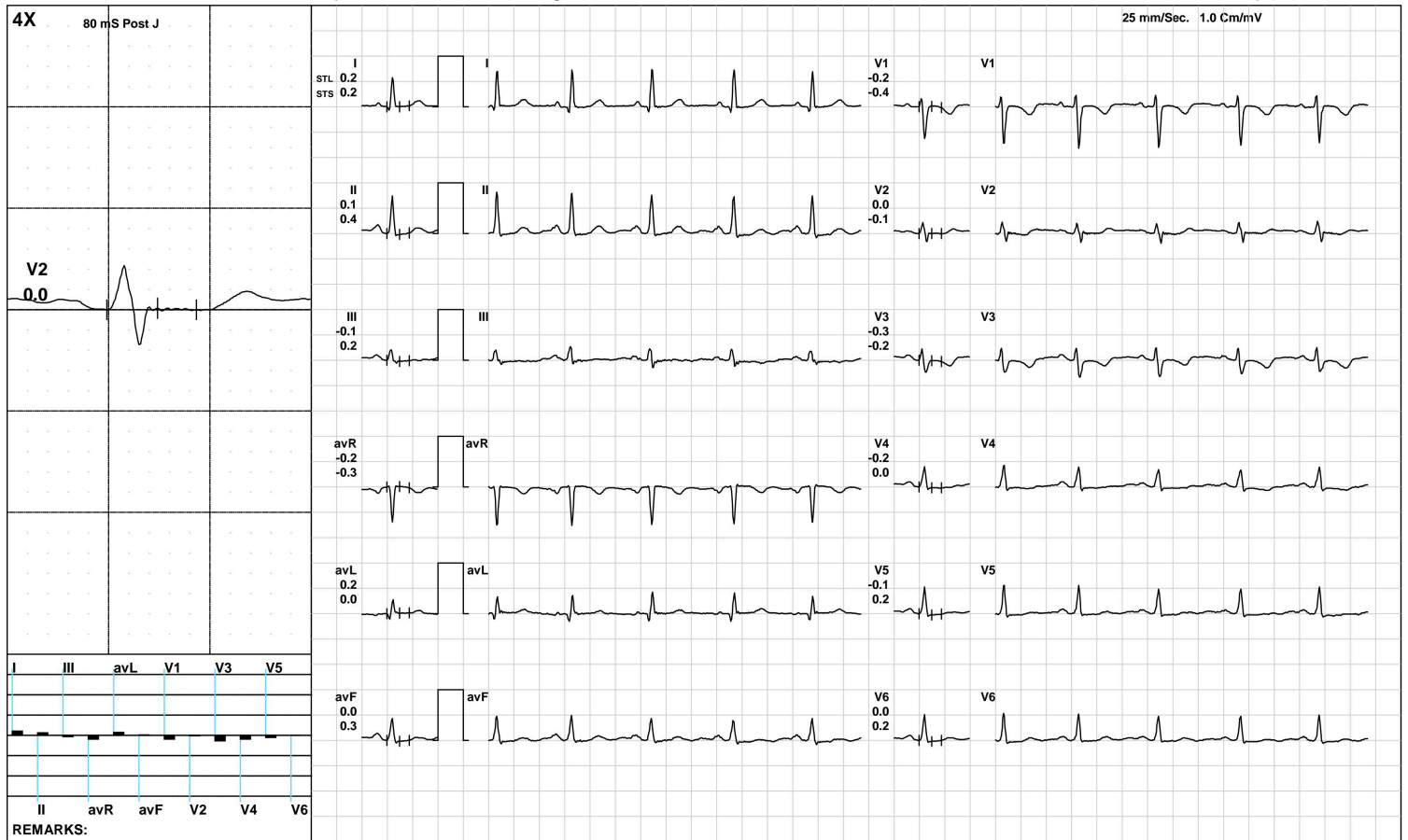
Supine



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 91

Date: 12-Mar-2023 12:26:19 PM METS: 1.0/ 91 bpm 48% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:07 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

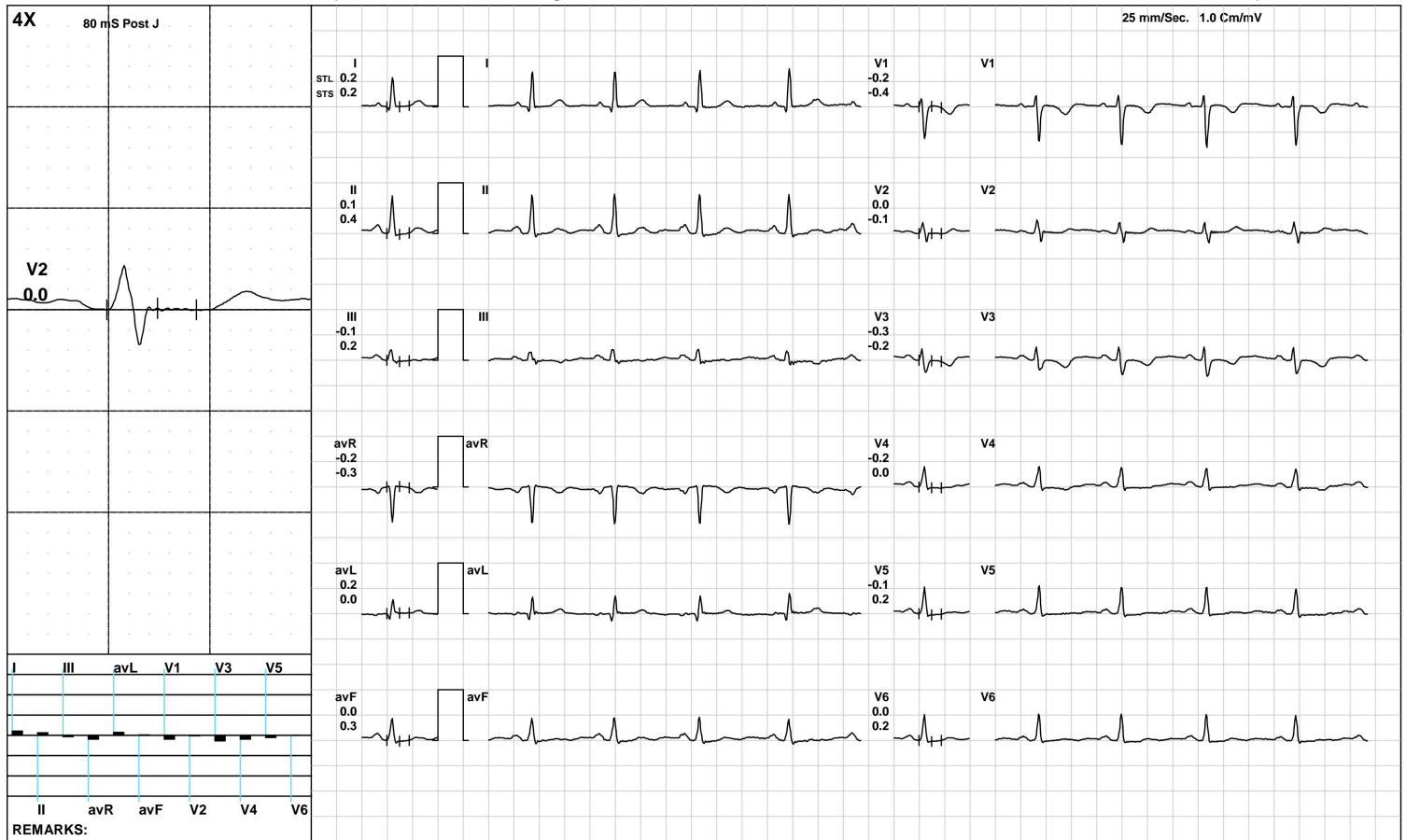
Standing



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 88

Date: 12-Mar-2023 12:26:19 PM METS: 1.0/ 88 bpm 46% of THR BP: 100/70 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

**Aarogam Diagnostics**

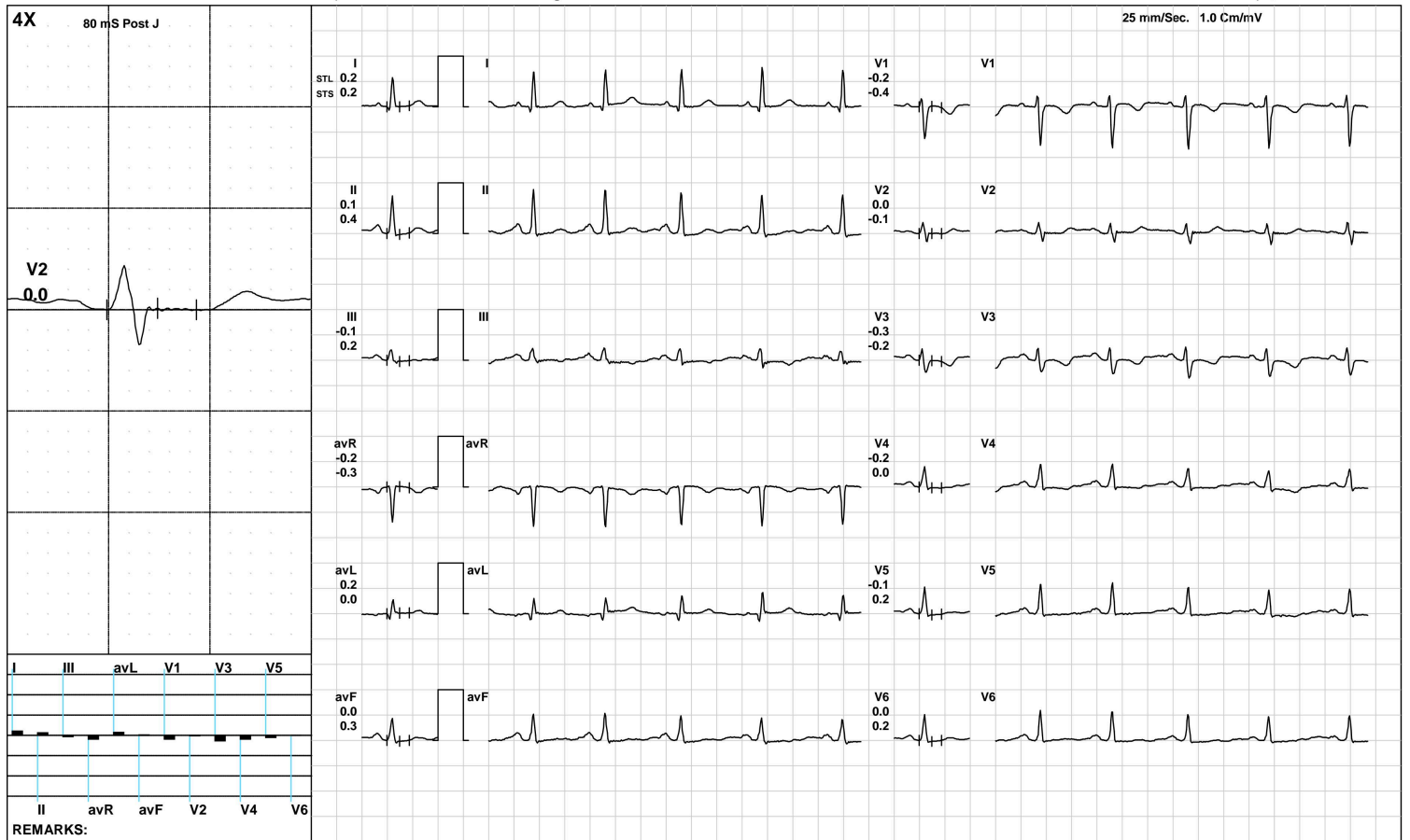
HV



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 93

Date: 12-Mar-2023 12:26:19 PM METS: 1.0/ 93 bpm 49% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:19 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

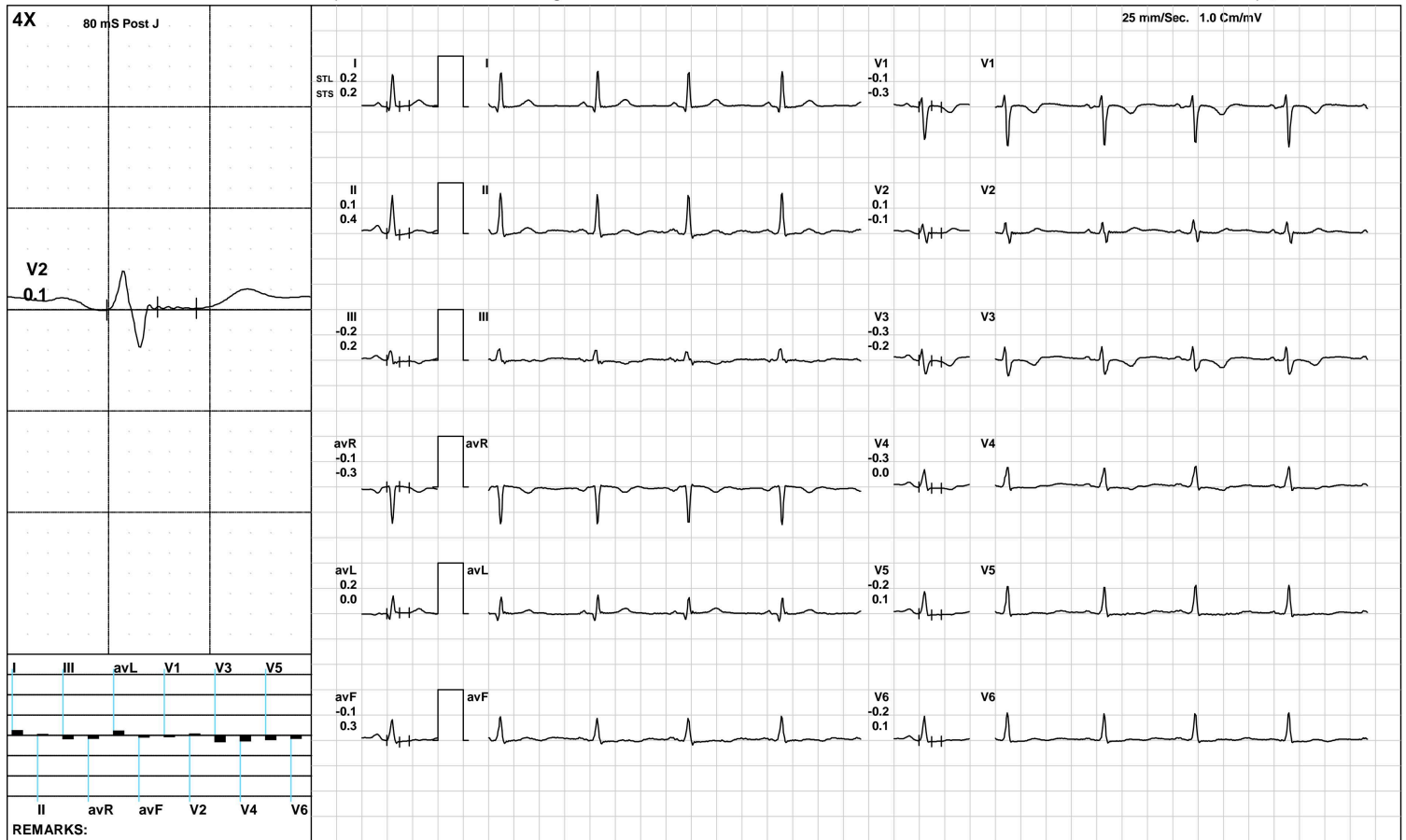
Warm Up



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 82

Date: 12-Mar-2023 12:26:19 PM METS: 1.0/ 82 bpm 43% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:31 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**Aarogam Diagnostics**

ExStart



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 129

Date: 12-Mar-2023 12:26:19 PM METS: 1.1/ 129 bpm 68% of THR BP: 100/70 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

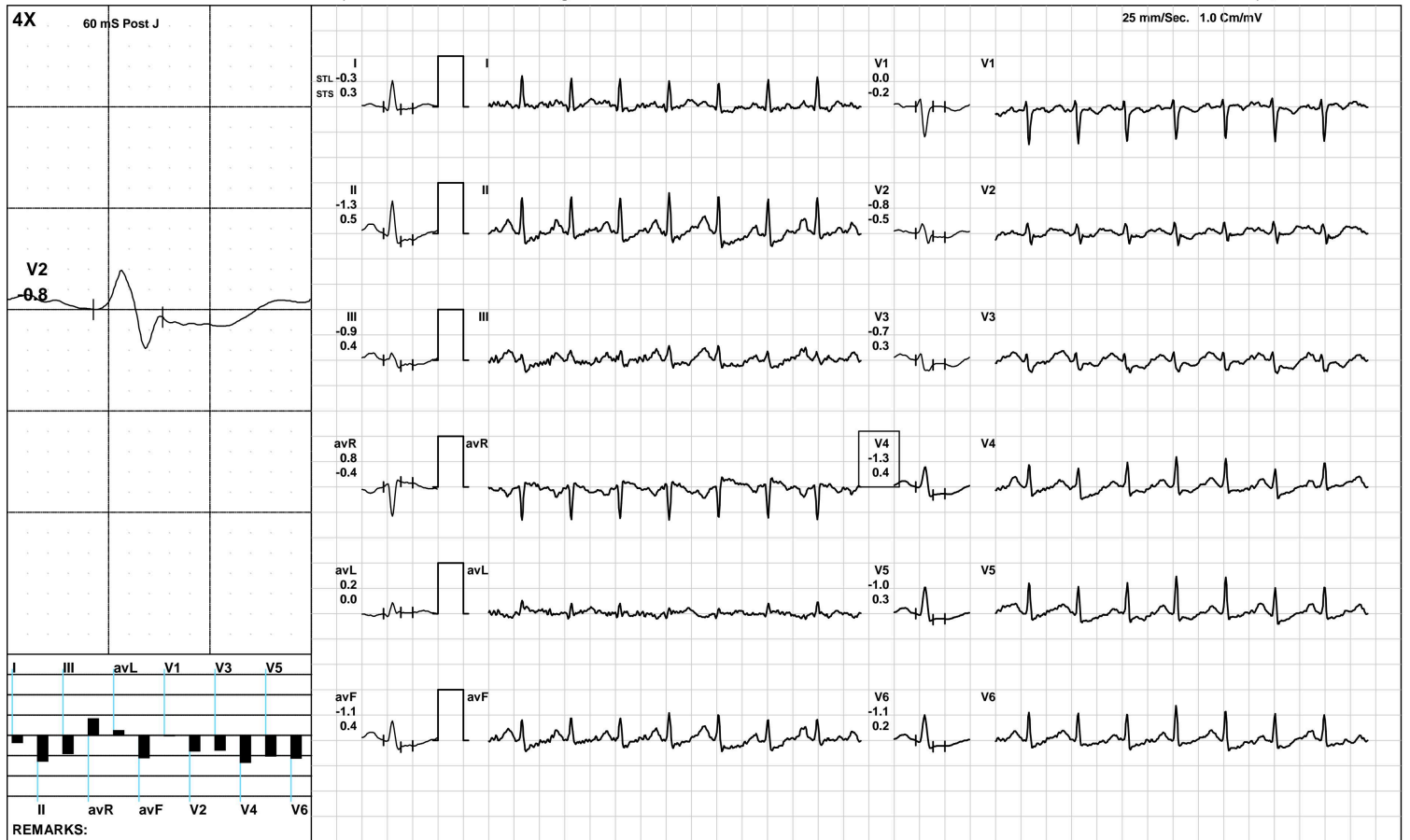
BRUCE/:Stage 1(3:00)



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 152

Date: 12-Mar-2023 12:26:19 PM METS: 4.7/ 152 bpm 80% of THR BP: 105/75 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**

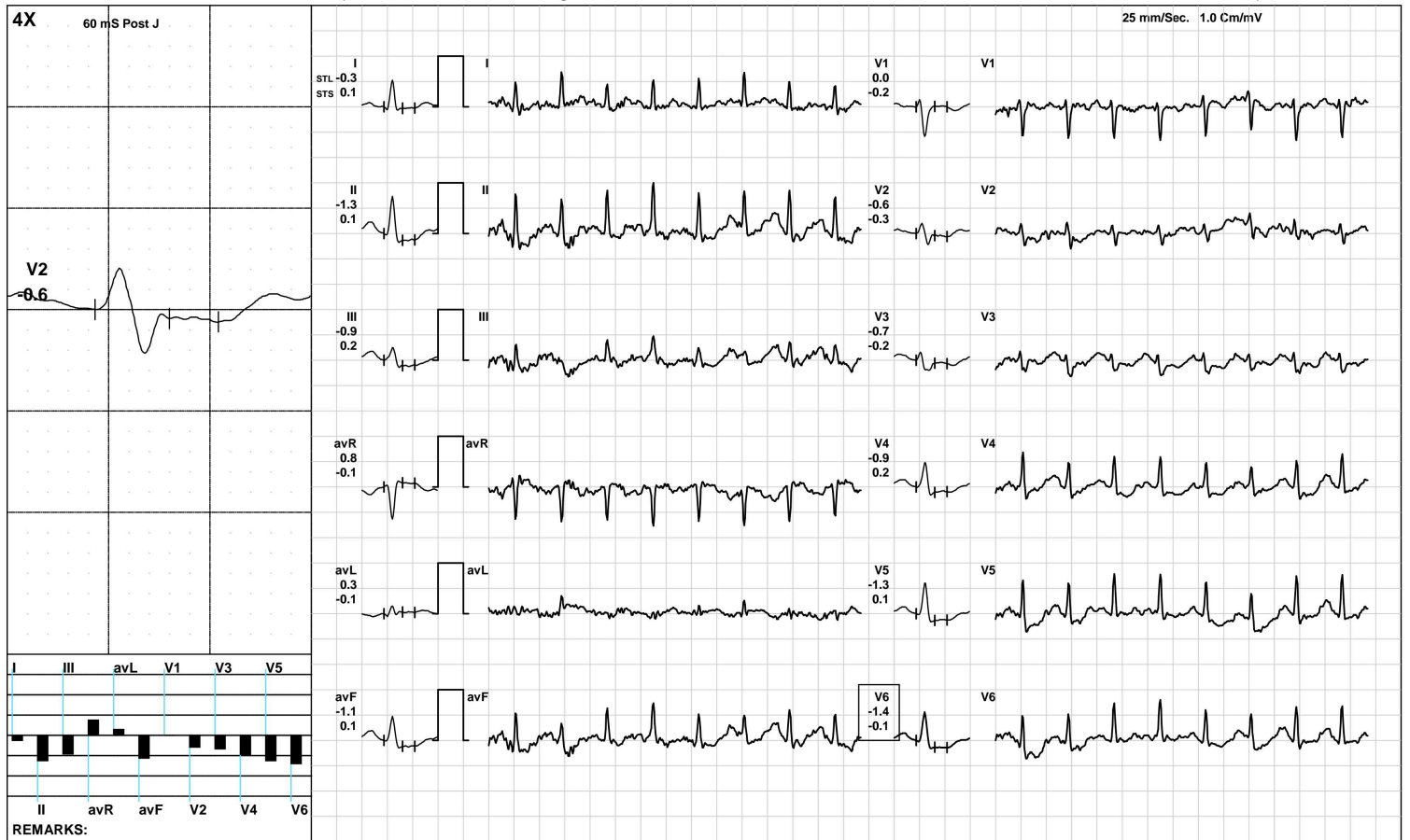
**BRUCE/:Stage 2(3:00)**



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 163

Date: 12-Mar-2023 12:26:19 PM METS: 7.1/ 163 bpm 86% of THR BP: 110/80 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

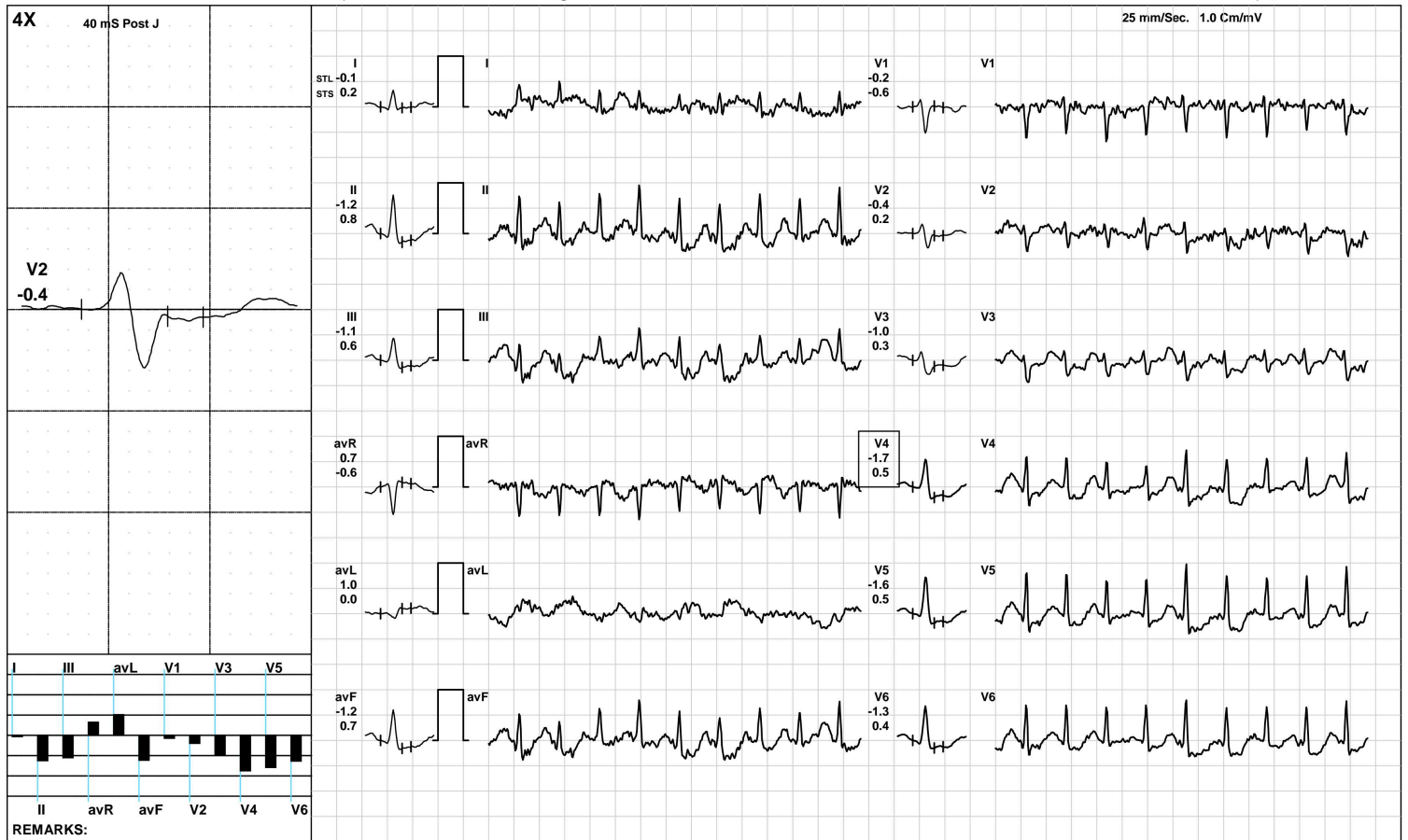
PeakEx



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 186

Date: 12-Mar-2023 12:26:19 PM METS: 9.9/ 186 bpm 98% of THR BP: 115/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:44 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

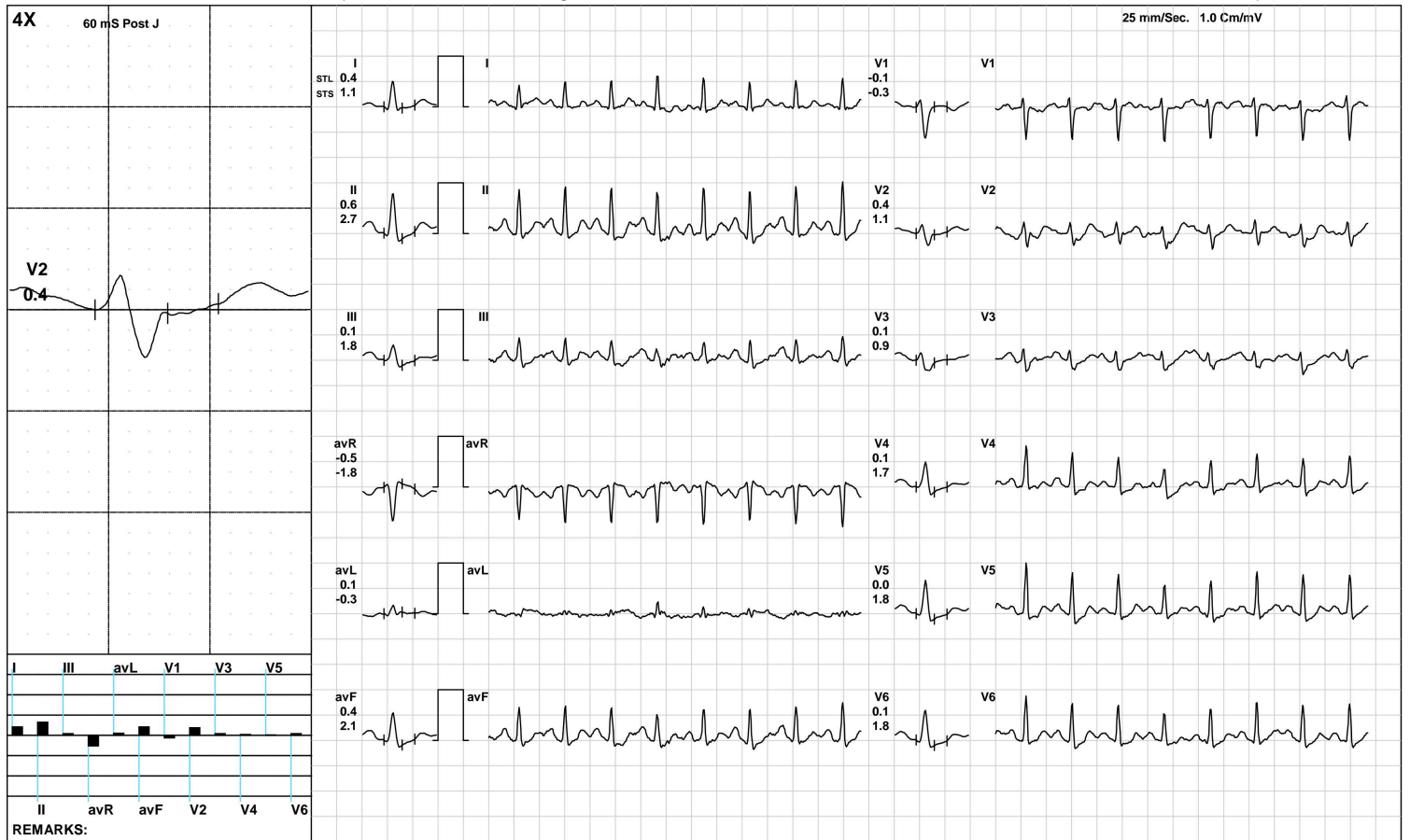
**Recovery(1:00)**



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 160

Date: 12-Mar-2023 12:26:19 PM METS: 1.2/ 160 bpm 85% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

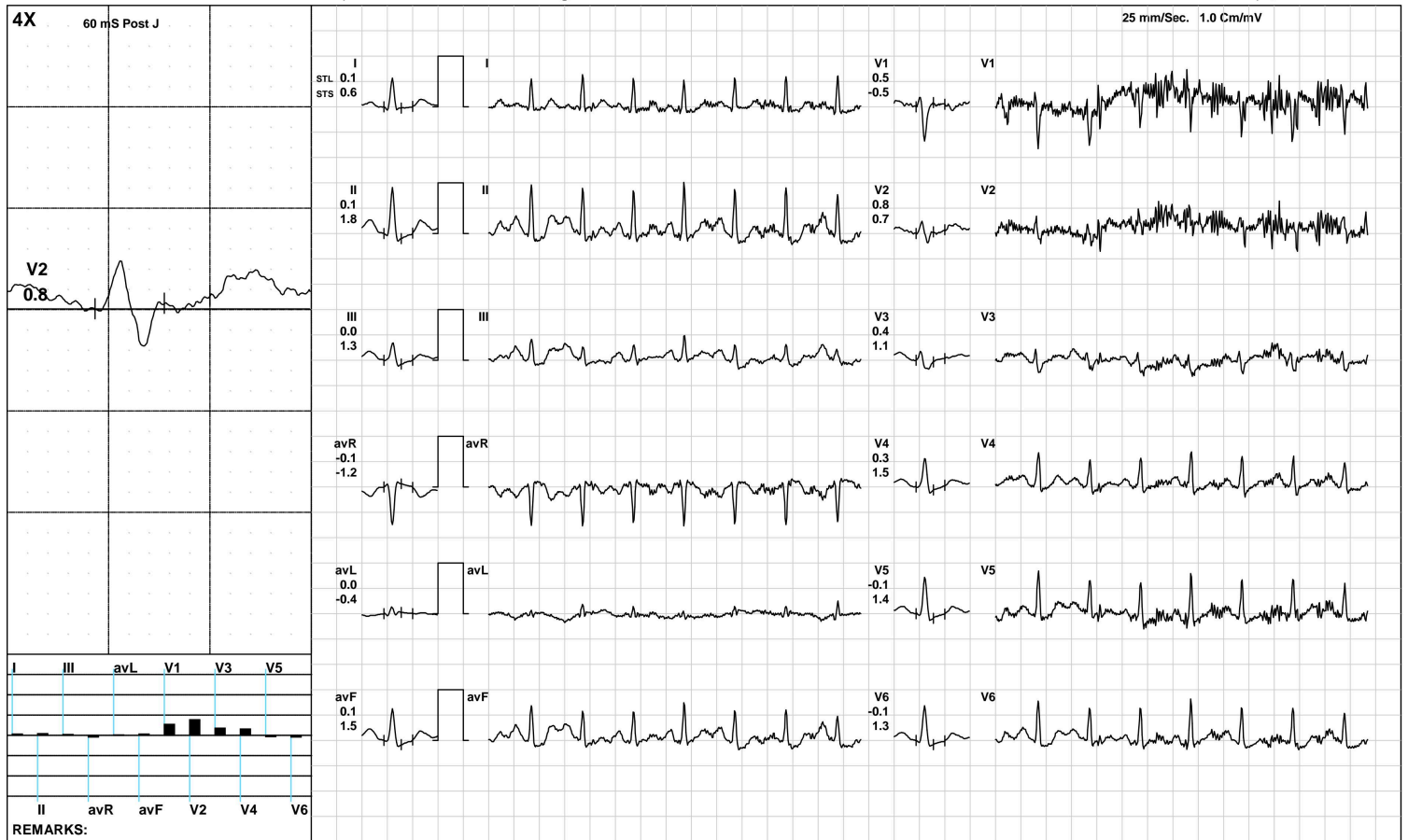
Recovery(2:00)



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 146

Date: 12-Mar-2023 12:26:19 PM METS: 1.0/ 146 bpm 77% of THR BP: 105/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogam Diagnostics**

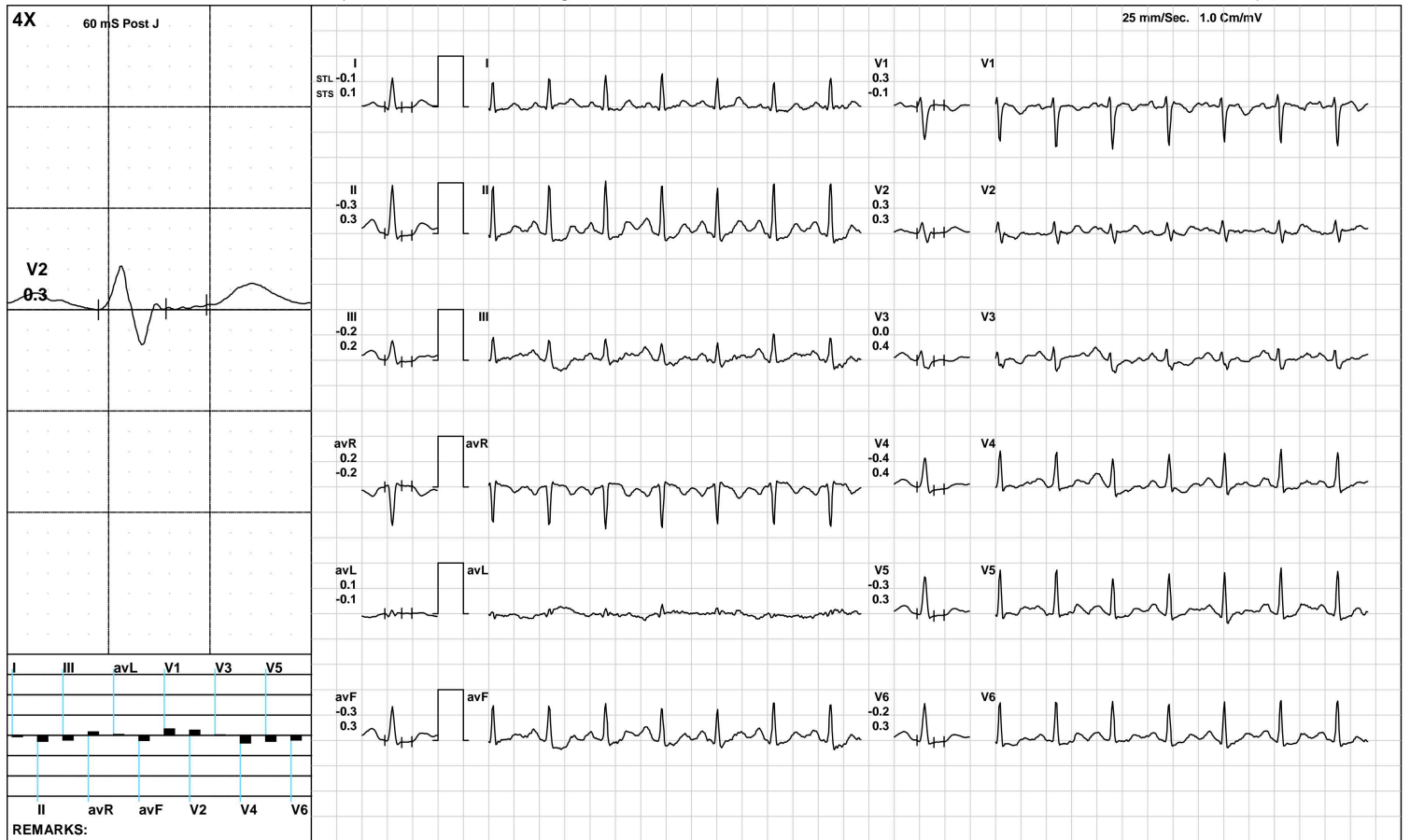
**Recovery(3:08)**



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 130

Date: 12-Mar-2023 12:26:19 PM METS: 1.0/ 130 bpm 69% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**Aarogyam Diagnostics**

**ST Measurements**



1835 / SANDHYA KUMARI / 32 Yrs / F / 152 Cms / 59 Kg / HR : 103

Date: 12-Mar-2023 12:26:19 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	0.2	0.1	-0.1	-0.2	0.2	0.0	-0.2	0.0	-0.3	-0.2	-0.1	0.0	0.2	0.4	0.2	-0.3	0.0	0.3	-0.4	-0.1	-0.2	0.0	0.2	0.2	
60 @mS Standing	0.2	0.1	-0.1	-0.2	0.2	0.0	-0.2	0.0	-0.3	-0.2	-0.1	0.0	0.2	0.4	0.2	-0.3	0.0	0.3	-0.4	-0.1	-0.2	0.0	0.2	0.2	
HV	0.2	0.1	-0.1	-0.2	0.2	0.0	-0.2	0.0	-0.3	-0.2	-0.1	0.0	0.2	0.4	0.2	-0.3	0.0	0.3	-0.4	-0.1	-0.2	0.0	0.2	0.2	
Warm Up	0.2	0.0	-0.1	-0.1	0.2	-0.1	-0.1	0.0	-0.3	-0.3	-0.2	-0.1	0.2	0.3	0.1	-0.3	0.0	0.2	-0.4	-0.2	-0.2	0.0	0.1	0.1	
ExStart	0.2	0.1	-0.2	-0.1	0.2	-0.1	-0.1	0.1	-0.3	-0.3	-0.2	-0.2	0.2	0.4	0.2	-0.3	0.0	0.3	-0.3	-0.1	-0.2	0.0	0.1	0.1	
Stage 1	-0.3	-1.3	-0.9	0.8	0.2	-1.1	0.0	-0.8	-0.7	-1.3	-1.0	-1.1	0.3	0.5	0.4	-0.4	0.0	0.4	-0.2	-0.5	0.3	0.4	0.3	0.2	
Stage 2	-0.3	-1.3	-0.9	0.8	0.3	-1.1	0.0	-0.6	-0.7	-0.9	-1.3	-1.4	0.1	0.1	0.2	-0.1	-0.1	0.1	-0.2	-0.3	-0.2	0.2	0.1	-0.1	
PeakEx	-0.1	-1.2	-1.1	0.7	1.0	-1.2	-0.2	-0.4	-1.0	-1.7	-1.6	-1.3	0.2	0.8	0.6	-0.6	0.0	0.7	-0.6	0.2	0.3	0.5	0.5	0.4	
Recovery	0.4	0.6	0.1	-0.5	0.1	0.4	-0.1	0.4	0.1	0.1	0.0	0.1	1.1	2.7	1.8	-1.8	-0.3	2.1	-0.3	1.1	0.9	1.7	1.8	1.8	
Recovery	0.1	0.1	0.0	-0.1	0.0	0.1	0.5	0.8	0.4	0.3	-0.1	-0.1	0.6	1.8	1.3	-1.2	-0.4	1.5	-0.5	0.7	1.1	1.5	1.4	1.3	
Recovery	-0.1	-0.2	0.1	0.2	-0.2	-0.2	0.2	-0.2	0.4	-0.3	0.0	0.0	0.3	0.9	1.2	-0.8	-0.5	0.8	0.7	3.6	1.2	1.5	1.9	1.6	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		2.3	1.7	-0.5	-2.0	1.5	0.6	-2.2	0.3	-2.5	-1.1	-0.5	0.3
Standing		2.3	1.7	-0.5	-2.0	1.5	0.6	-2.2	0.3	-2.5	-1.1	-0.5	0.3
HV		2.3	1.7	-0.5	-2.0	1.5	0.6	-2.2	0.3	-2.5	-1.1	-0.5	0.3
Warm Up		2.5	1.3	-1.0	-2.0	1.8	0.2	-2.2	0.4	-3.3	-2.1	-1.4	-0.5
ExStart		2.4	0.5	-1.8	-1.5	2.1	-0.7	-1.0	1.1	-2.8	-2.1	-1.5	-1.1
Stage 1		-2.5	-7.7	-5.2	5.1	1.1	-6.5	0.2	-4.2	-4.2	-8.4	-6.1	-6.7
Stage 2		-1.5	-7.7	-6.4	4.6	1.9	-6.9	0.6	-2.8	-3.0	-5.3	-7.3	-8.2
PeakEx		-0.5	-6.1	-5.1	3.3	4.2	-5.9	0.2	-1.9	-4.0	-7.2	-6.3	-5.1
Recovery		-0.2	-2.0	-3.0	1.1	0.7	-1.9	0.6	-0.1	-0.4	-2.4	-3.1	-3.2
Recovery		-0.6	-2.6	-2.0	1.6	0.8	-2.3	2.9	1.8	0.9	-0.9	-2.2	-2.3
Recovery		-0.7	-2.8	0.3	2.4	-1.5	-2.5	2.9	-2.7	-0.2	-3.2	-2.4	-2.0





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	125	234	52	40	109	164	782	-786	-181	122	V4	-53	0.00	0	0
01 : 00	149	138	62	29	341	175	669	-621	-250	-169	II	-144	0.00	0	0
01 : 30	149	130	62	31	393	186	647	-625	-194	-164	II	-103	0.00	0	0
02 : 00	155	112	62	23	159	215	644	-629	-137	-190	II	-117	0.00	0	0
02 : 30	153	102	46	24	189	210	649	-618	-195	-39	II	-119	0.00	0	0
03 : 00	156	110	62	28	183	196	673	-642	-176	-222	II	-135	0.00	0	0
03 : 30	151	108	62	30	195	223	685	-646	-164	-210	II	-126	0.00	0	0
04 : 00	164	100	60	36	165	185	644	-629	-228	-260	II	-186	0.00	0	0
04 : 30	163	138	46	37	168	198	647	-601	-254	-82	II	-187	0.00	0	0
05 : 00	162	110	62	43	196	208	694	-615	-217	-186	V6	-141	0.00	0	0
05 : 30	162	108	60	29	170	243	691	-644	-182	-228	II	-156	0.00	0	0
06 : 00	163	108	62	41	177	215	710	-633	-226	-218	II	-148	0.00	0	0
06 : 30	163	100	62	38	188	203	778	-647	-175	-179	V6	-159	0.00	0	0
07 : 00	171	66	60	37	183	141	700	-588	-253	-248	II	-219	0.00	0	0
07 : 30	173	100	46	49	166	179	697	-597	-248	-7	II	-179	0.00	0	0
08 : 00	179	96	62	55	165	186	700	-584	-243	-18	II	-183	0.00	0	0
08 : 30	179	88	60	43	176	164	724	-582	-221	-197	V6	-172	0.00	0	0
09 : 00	185	94	60	55	185	207	768	-575	-203	-230	V4	-174	0.00	0	0
09 : 30	181	86	48	48	176	222	764	-592	-253	-106	V4	-156	0.00	0	0
10 : 00	168	88	60	41	286	241	806	-665	183	-163	V6	-79	0.00	0	0
10 : 30	156	104	60	39	415	252	860	-713	226	-174	V4	-59	0.00	0	0
11 : 00	151	112	62	39	414	252	860	-713	226	-174	V6	-59	0.00	0	0
11 : 30	146	112	62	45	414	-422	911	-750	-326	-372	V1	-332	0.00	0	0
12 : 00	146	112	62	45	414	-422	911	-750	-326	-372	V4	-332	0.00	0	0



ISO 9001 : 2015

# AAROGYAM DIAGNOSTICS

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

F- 41, P.C. Colony, Opp. Madhuban Complex,  
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<b>Date</b>	<b>12/03/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2303120004</b>
<b>Name</b>	<b>Mrs. SANDHYA KUMARI</b>	<b>Age</b>	<b>32 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.1	%	

### 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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<b>Date</b>	<b>12/03/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2303120004</b>
<b>Name</b>	<b>Mrs. SANDHYA KUMARI</b>	<b>Age</b>	<b>32 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	<b>11.0</b>	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	5,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	61	%	40 - 75
LYMPHOCYTE	34	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	<b>3.66</b>	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	<b>34.9</b>	%	35 - 45
M C V	95.36	fl.	80 - 100
M C H	30.05	Picogram	27.0 - 31.0
M C H C	<b>31.5</b>	gm/dl	33 - 37
PLATELET COUNT	1.98	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	79.6	mg/dl	70 - 110
SERUM CREATININE	0.70	mg%	0.5 - 1.3
BLOOD UREA	19.6	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.9	mg%	2.5 - 6.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



<b>Date</b>	<b>12/03/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2303120004</b>
<b>Name</b>	<b>Mrs. SANDHYA KUMARI</b>	<b>Age</b>	<b>32 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.64	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.23	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.41	mg/dl	0.00 - 0.70
TOTAL PROTEIN	<b>6.0</b>	gm/dl	6.6 - 8.3
ALBUMIN	3.4	gm/dl	3.4 - 5.2
GLOBULIN	2.6	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.308</b>		
SGOT	16.2	IU/L	5 - 35
SGPT	18.6	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	<b>109.6</b>	U/L	35.0 - 104.0
GAMMA GT	21.9	IU/L	6.0 - 42.0

#### **LFT INTERPRET**

#### **LIPID PROFILE**

TRIGLYCERIDES	70.1	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	109.6	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	49.1	mg/dL	35.1 - 88.0
V L D L	14.02	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	<b>46.48</b>	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.232		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	0.947		0.00 - 3.55
THYROID PROFILE			
QUANTITY	10	ml.	



<b>Date</b>	<b>12/03/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2303120004</b>
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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.015		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	1-3	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	2-4	/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

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<b>Date</b>	<b>12/03/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2303120004</b>
<b>Name</b>	<b>Mrs. SANDHYA KUMARI</b>	<b>Age</b>	<b>32 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

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

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CIN : U85195GJ2009PLC057059



30304100183

**TEST REPORT**

<b>Reg.No</b> : 30304100183	<b>Reg.Date</b> : 13-Mar-2023 12:15	<b>Collection</b> : 13-Mar-2023 12:15
<b>Name</b> : MS. SANDHYA KUMARI		<b>Received</b> : 13-Mar-2023 12:15
<b>Age</b> : 32 Years	<b>Sex</b> : Female	<b>Report</b> : 13-Mar-2023 13:22
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 13-Mar-2023 13:42
<b>Referral Dr</b> : □	<b>Status</b> : Final	<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID FUNCTION TEST</b>			
T3 (triiodothyronine) <i>Method:CLIA</i>	1.21	ng/mL	0.60 - 1.81
T4 (Thyroxine) <i>Method:CLIA</i>	8.60	µg/dL	4.5 - 12.6
TSH ( ultra sensitive) <i>Method:CLIA</i>	2.717	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

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

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