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भारत सरकार  
Government of India

रजनी सिन्हा  
Ranjani Sinha  
जन्म तिथि / DOB : 24/09/1989  
महिला / Female

Issue Date: 02/11/2016

2391 3406 2732

मेरा आधार, मेरी पहचान

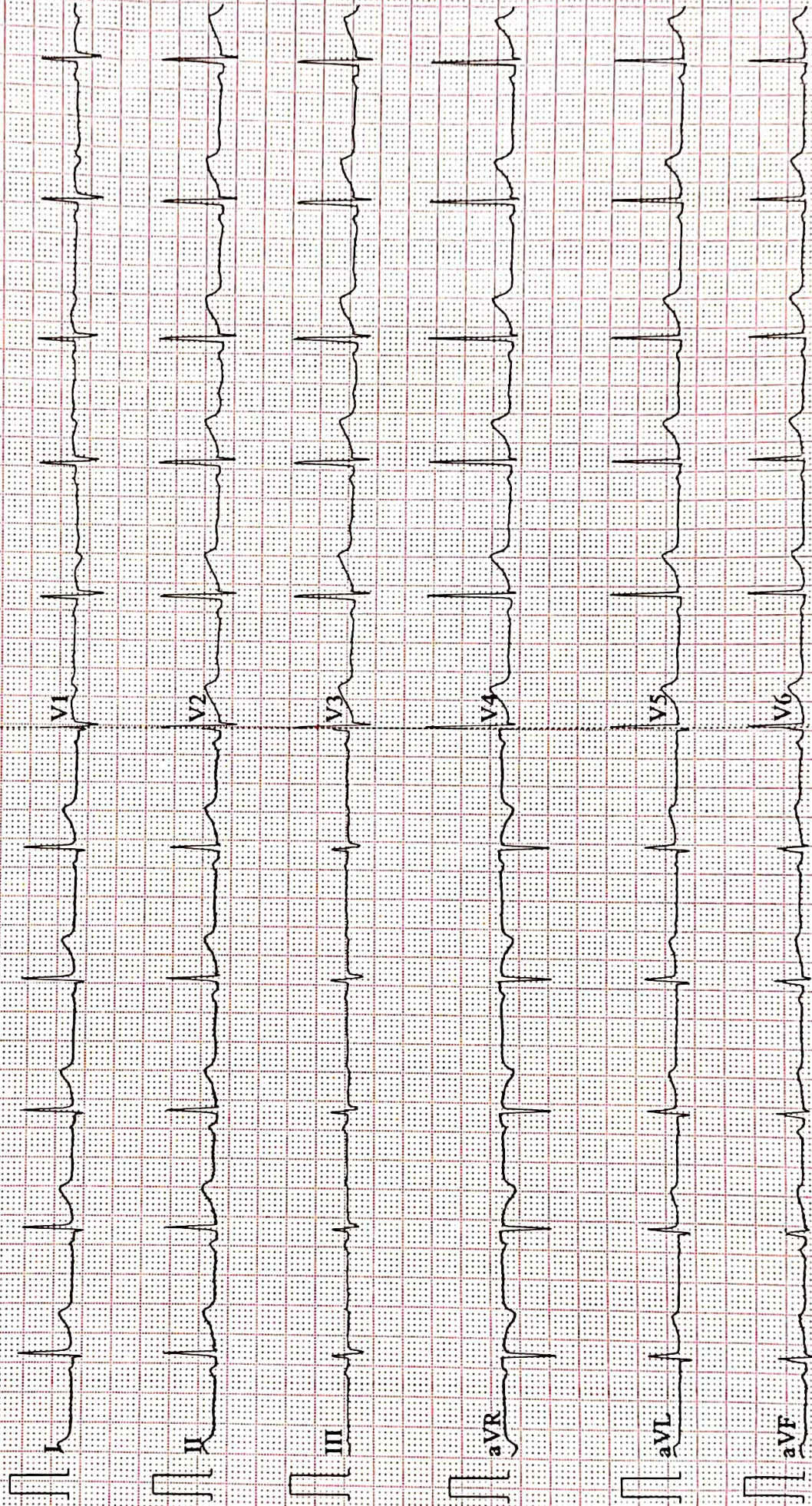


RANJANI SINHA  
Female 32Ycars

HR : 66 bpm  
P : 89 ms  
PR : 136 ms  
QRS : 75 ms  
QT/QTc : 390/410 ms  
PQRS/ST : 66/45/35  
RV5/SV1 : 1.188/0.421 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

Name :- Ranjani Sinha  
Refd by :- BOB

Age/Sex:-32Yrs/F  
Date :-27/08/22

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (11.2cm) 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** :- 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** :- **Mild Enlarged in size(11.4cm)** 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 8.2cm and Left Kidney measures 9.5cm.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Normal in size (68mm x 36mm) and anteverted in position with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 22mm x 15mm and Left ovary measures 20mm x 14mm.  
No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Mild Splenomegaly.  
Otherwise Normal Scan.*

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

**AAROGYAM DIAGNOSTICS****PATNA****1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg Date: 27-Aug-2022****Report****(GEM212170906)(R)Kardic by Allengers**

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:04	0:01	00.0	00.0	01.0	94	50 %	110/70	103	00	
Standing	00:09	0:01	00.0	00.0	01.0	86	46 %	110/70	094	00	
HV	00:16	0:01	00.0	00.0	01.0	089	47 %	110/70	097	00	
Warm Up	00:22	0:01	01.0	00.0	01.0	089	47 %	110/70	097	00	
ExStart	00:36	0:06	01.7	10.0	01.1	093	49 %	110/70	102	00	
BRUCE/ Stage 1	03:36	3:00	01.7	10.0	04.7	124	66 %	115/75	142	00	
BRUCE/ Stage 2	06:36	3:00	02.5	12.0	07.1	152	81 %	120/80	182	00	
BRUCE/ Stage 3	09:36	3:00	03.4	14.0	10.2	171	91 %	125/85	213	00	
PeakEx	09:41	0:07	01.1	00.0	10.3	175	93 %	125/85	218	00	
Recovery	10:40	1:00	01.1	00.0	04.3	138	73 %	120/80	165	00	
Recovery	11:40	2:00	01.1	00.0	01.0	122	65 %	115/75	140	00	
Recovery	12:57	3:16	01.1	00.0	01.0	114	61 %	110/70	125	00	

**Findings :**

**Exercise Time** : 09:06  
**Max HR Attained** : 175 bpm 93% of Target 188  
**Max BP Attained** : (Sys) 125/85  
**Max WorkLoad Attained** : 10.3 Good response to induced stress  
**Max ST Dep Lead & Value** : III & -1.5 mm in Stage 3 mm  
**Test End Reasons** : Test Complete, Test Complete, Test Complete, Test Complete

**Report :**



**AAROGYAM DIAGNOSTICS**

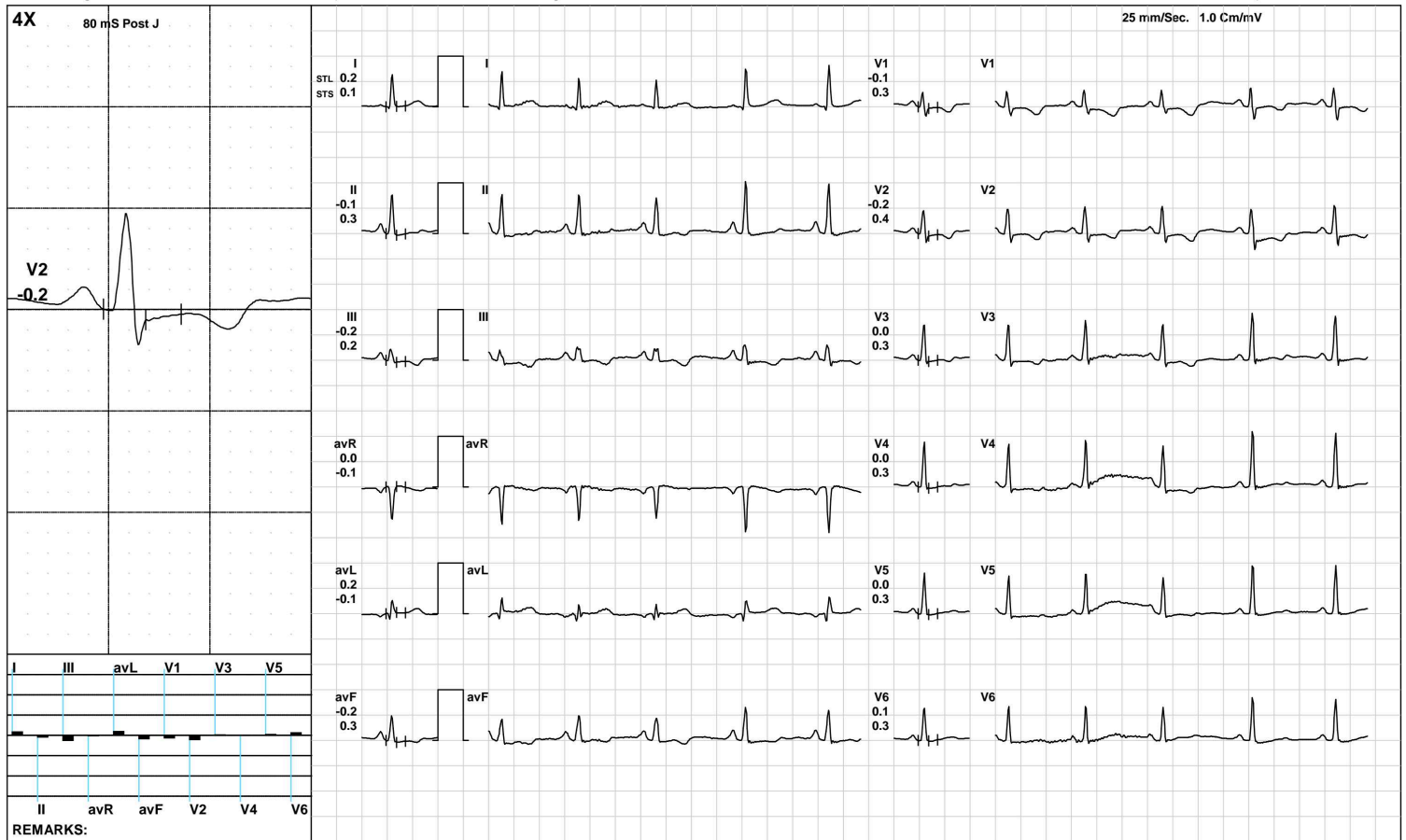
1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 94

Supine



Date: 27-Aug-2022 01:11:42 PM METS: 1.0/ 94 bpm 50% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:04 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

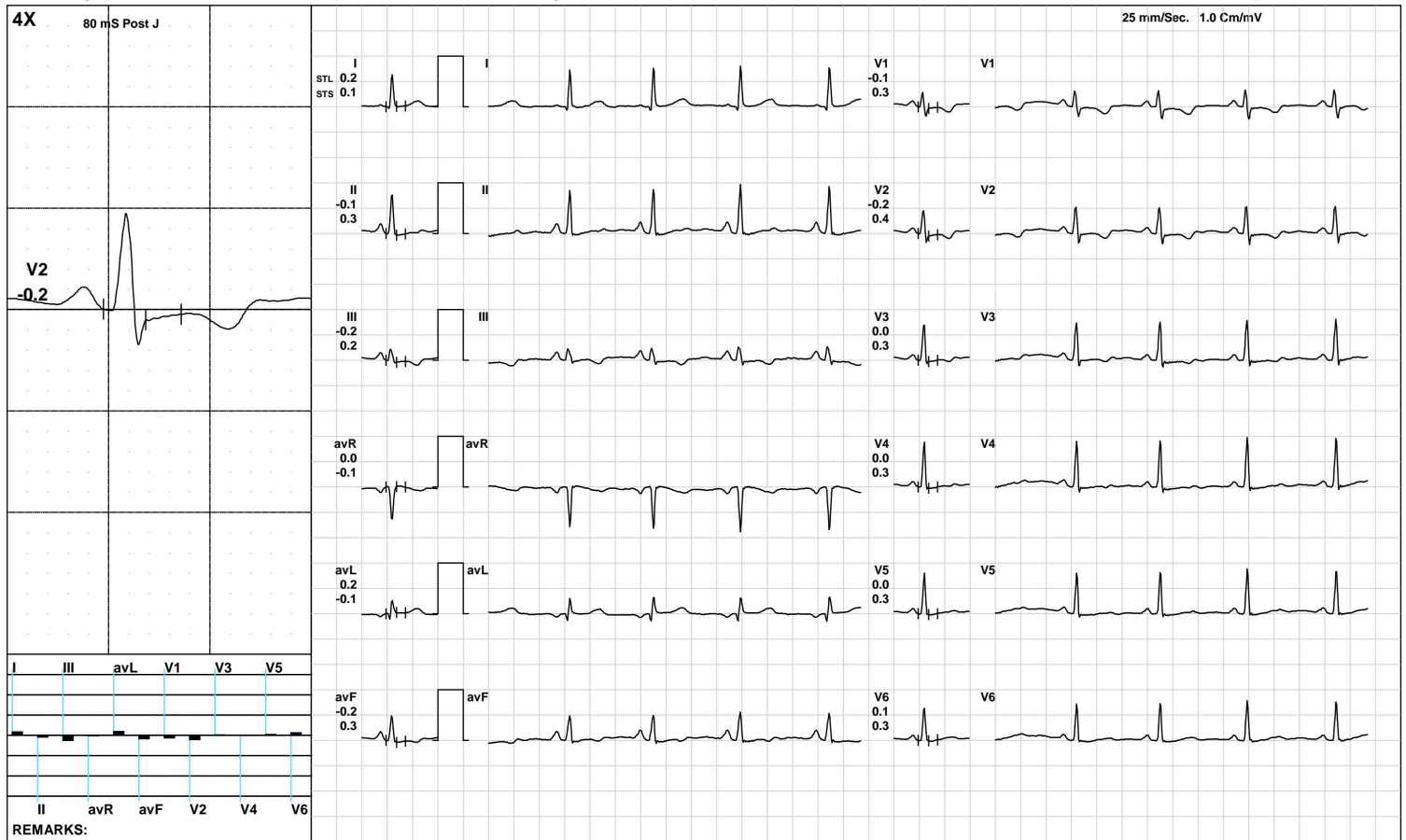
1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 86

Standing



Date: 27-Aug-2022 01:11:42 PM METS: 1.0/ 86 bpm 45% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:09 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

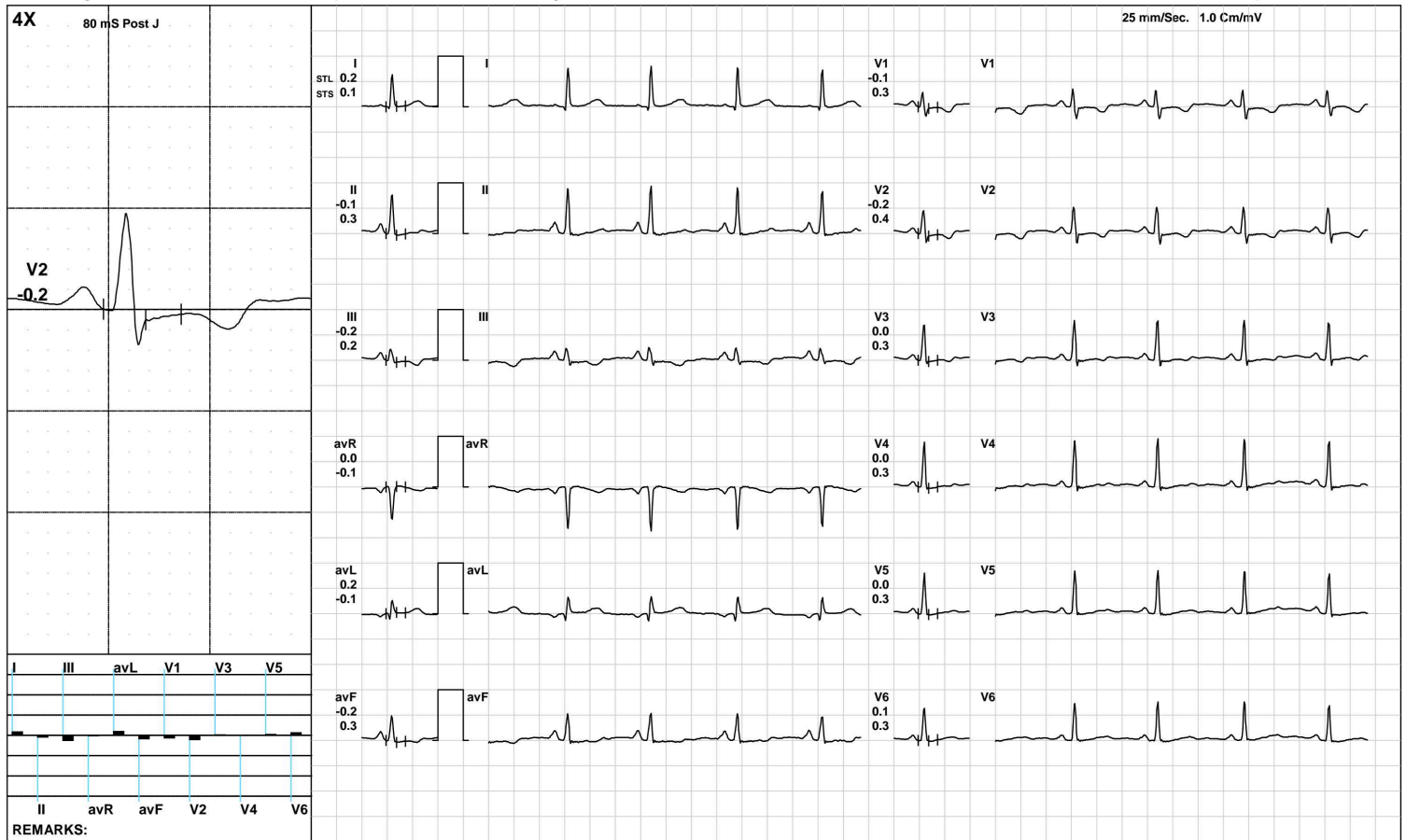
1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 89

**HV**



Date: 27-Aug-2022 01:11:42 PM METS: 1.0/ 89 bpm 47% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:16 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers





**AAROGYAM DIAGNOSTICS**

**ExStart**



1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 93

Date: 27-Aug-2022 01:11:42 PM METS: 1.1/ 93 bpm 49% of THR BP: 110/70 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**

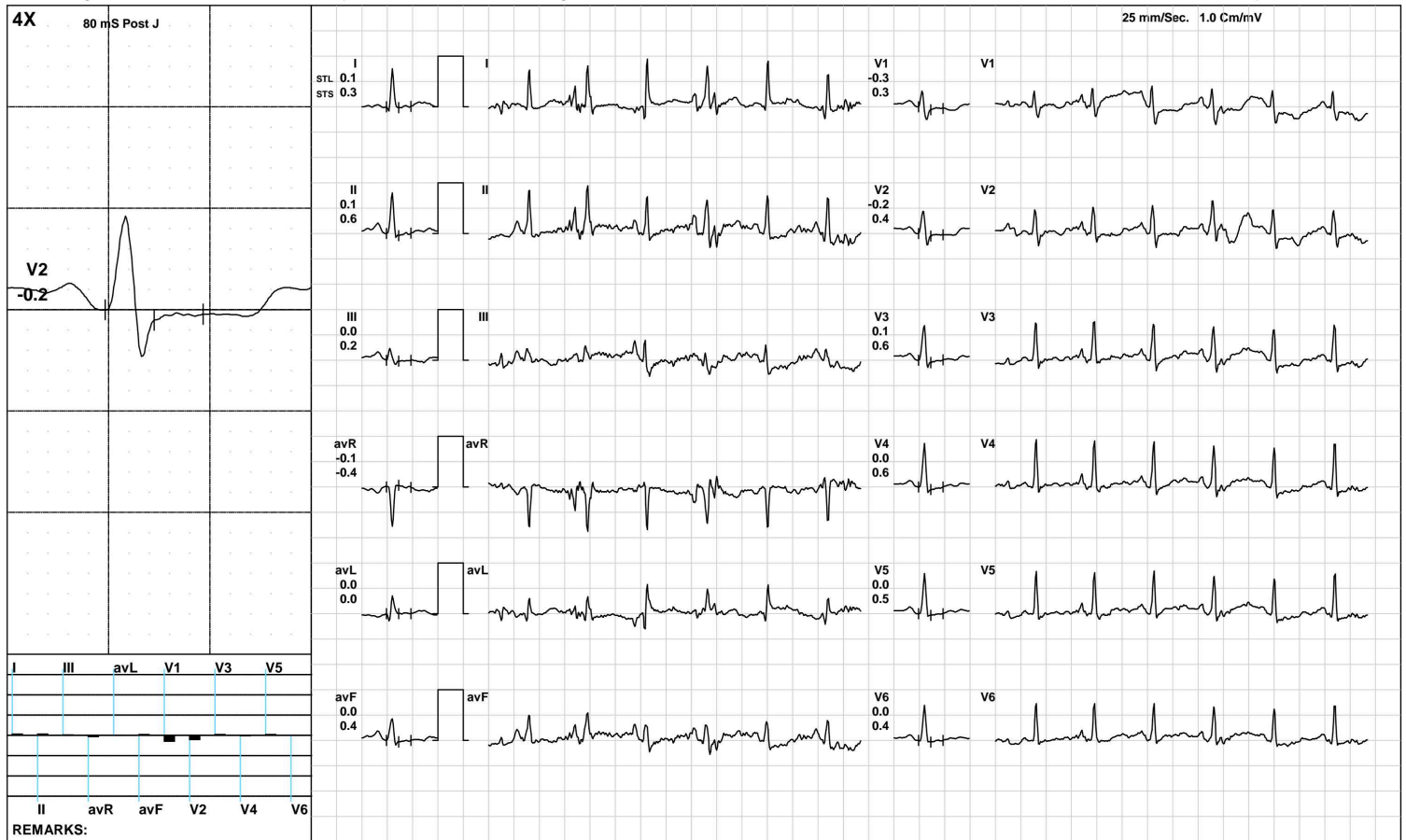
**BRUCE/:Stage 1(3:00)**



1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 124

Date: 27-Aug-2022 01:11:42 PM METS: 4.7/ 124 bpm 65% of THR BP: 115/75 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

**AAROGYAM DIAGNOSTICS**

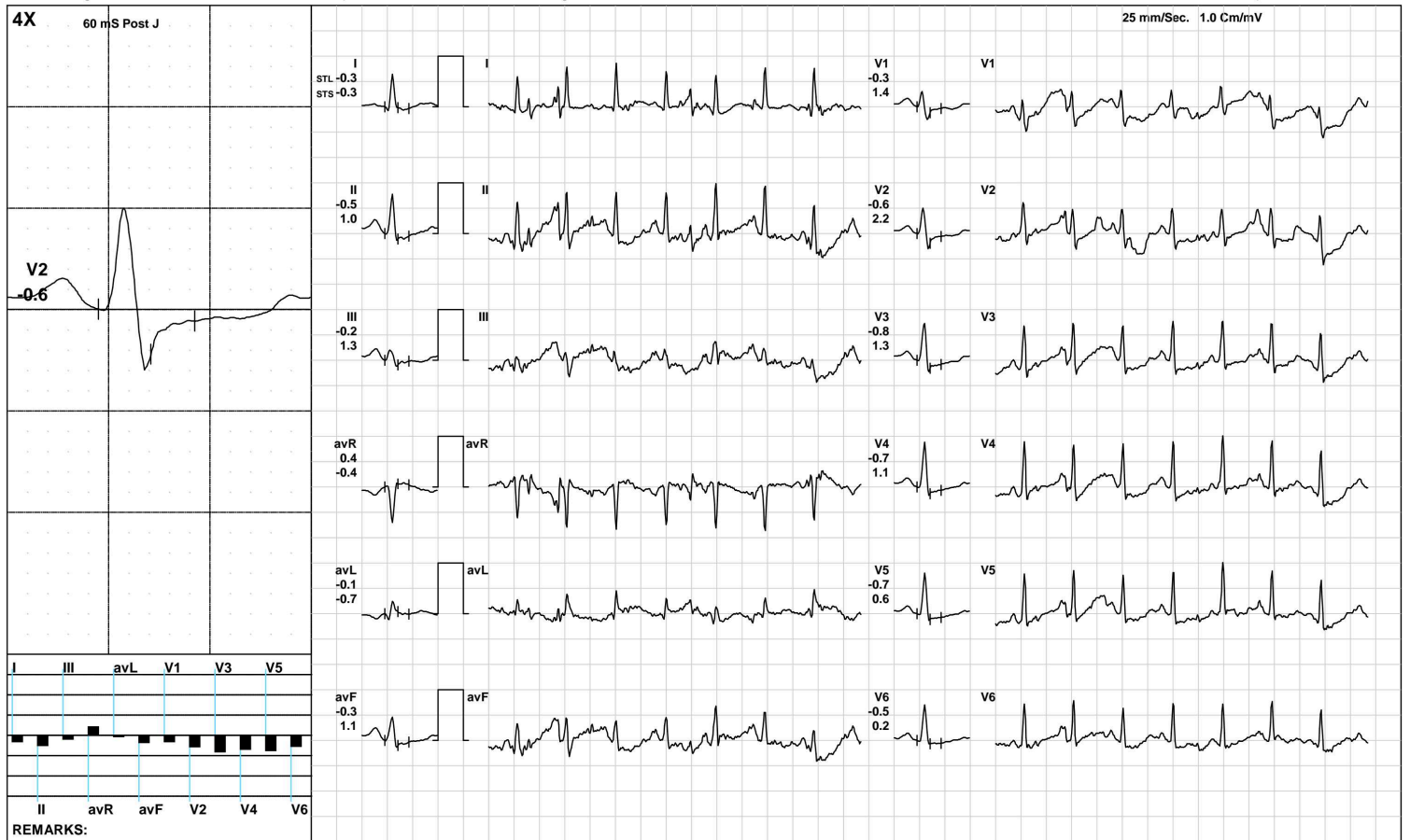
**BRUCE/:Stage 2(3:00)**



1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 152

Date: 27-Aug-2022 01:11:42 PM METS: 7.1/ 152 bpm 80% of THR BP: 120/80 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



**AAROGYAM DIAGNOSTICS**

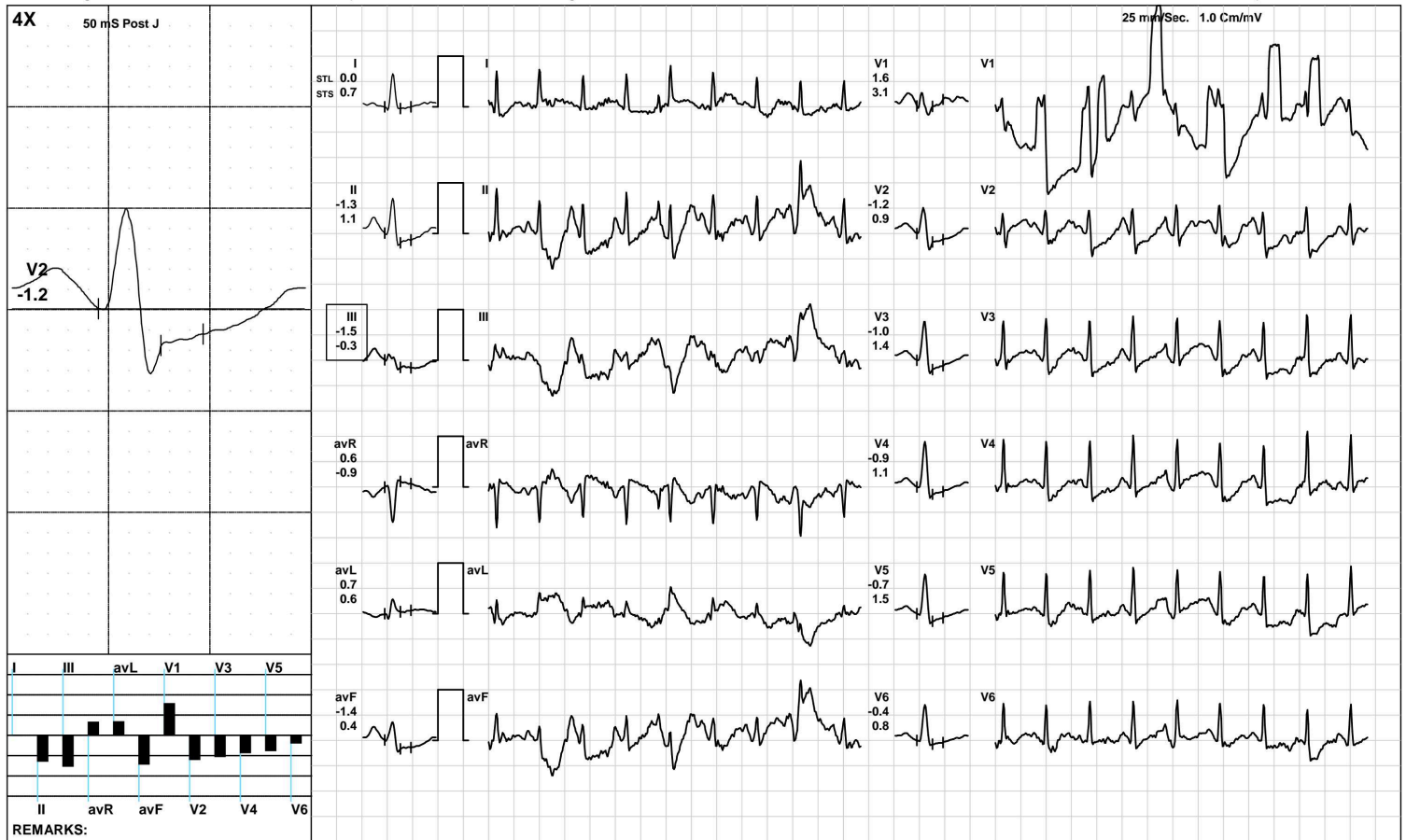
**BRUCE/:Stage 3(3:00)**



1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 171

Date: 27-Aug-2022 01:11:42 PM METS: 10.2/ 171 bpm 90% of THR BP: 125/85 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**

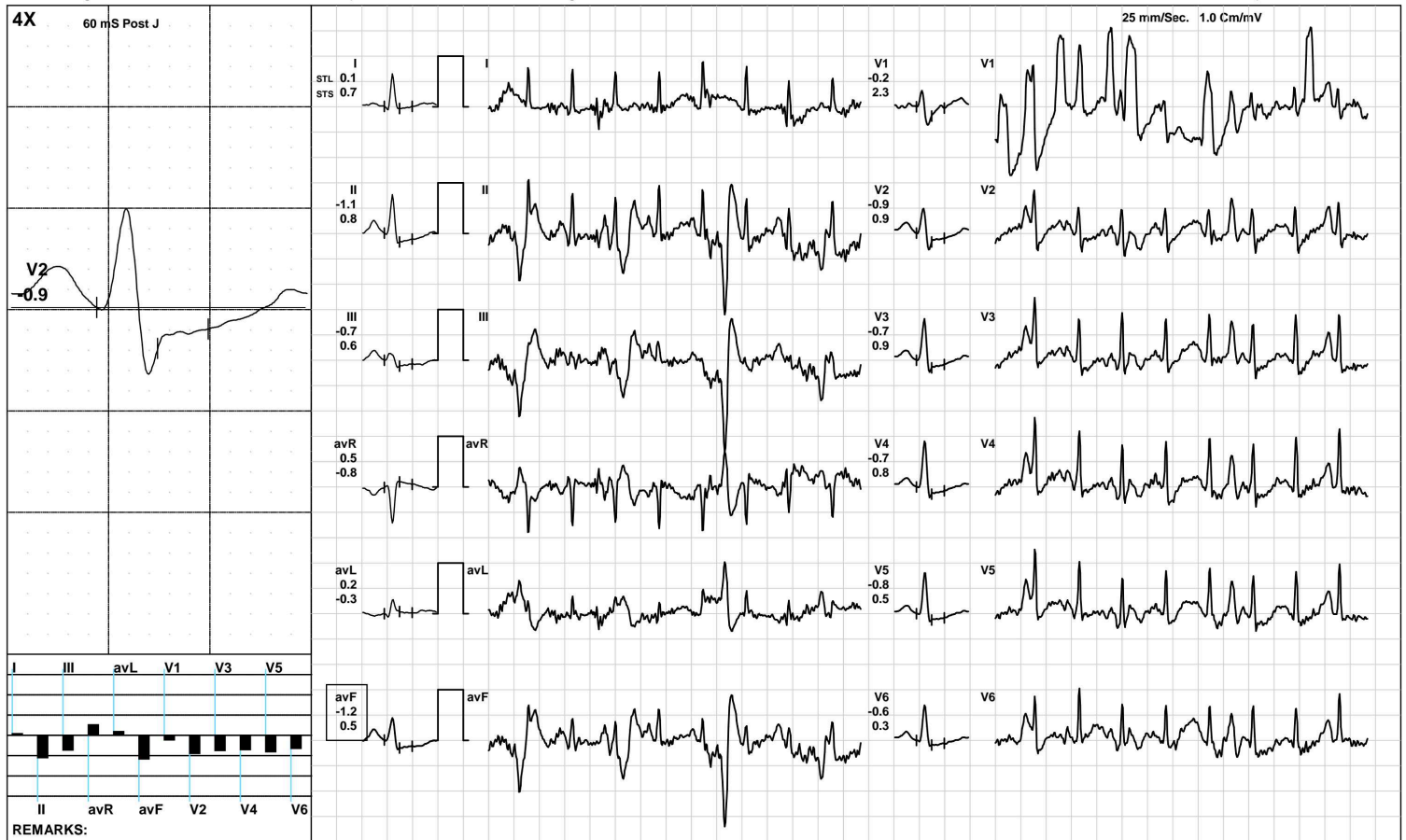
**PeakEx**



1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 175

Date: 27-Aug-2022 01:11:42 PM METS: 10.3/ 175 bpm 93% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

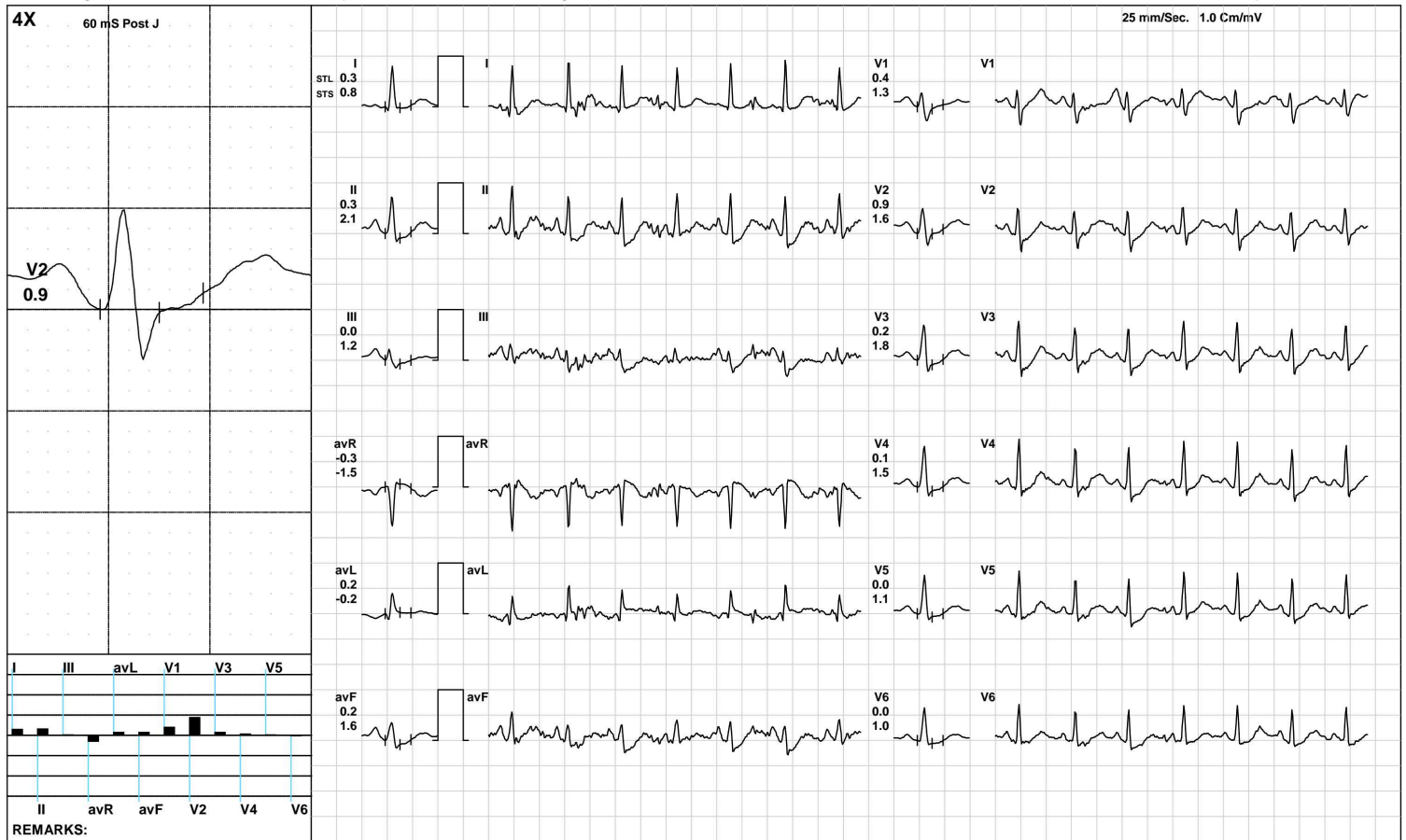
1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 138

**Recovery(1:00)**



Date: 27-Aug-2022 01:11:42 PM METS: 4.3/ 138 bpm 73% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

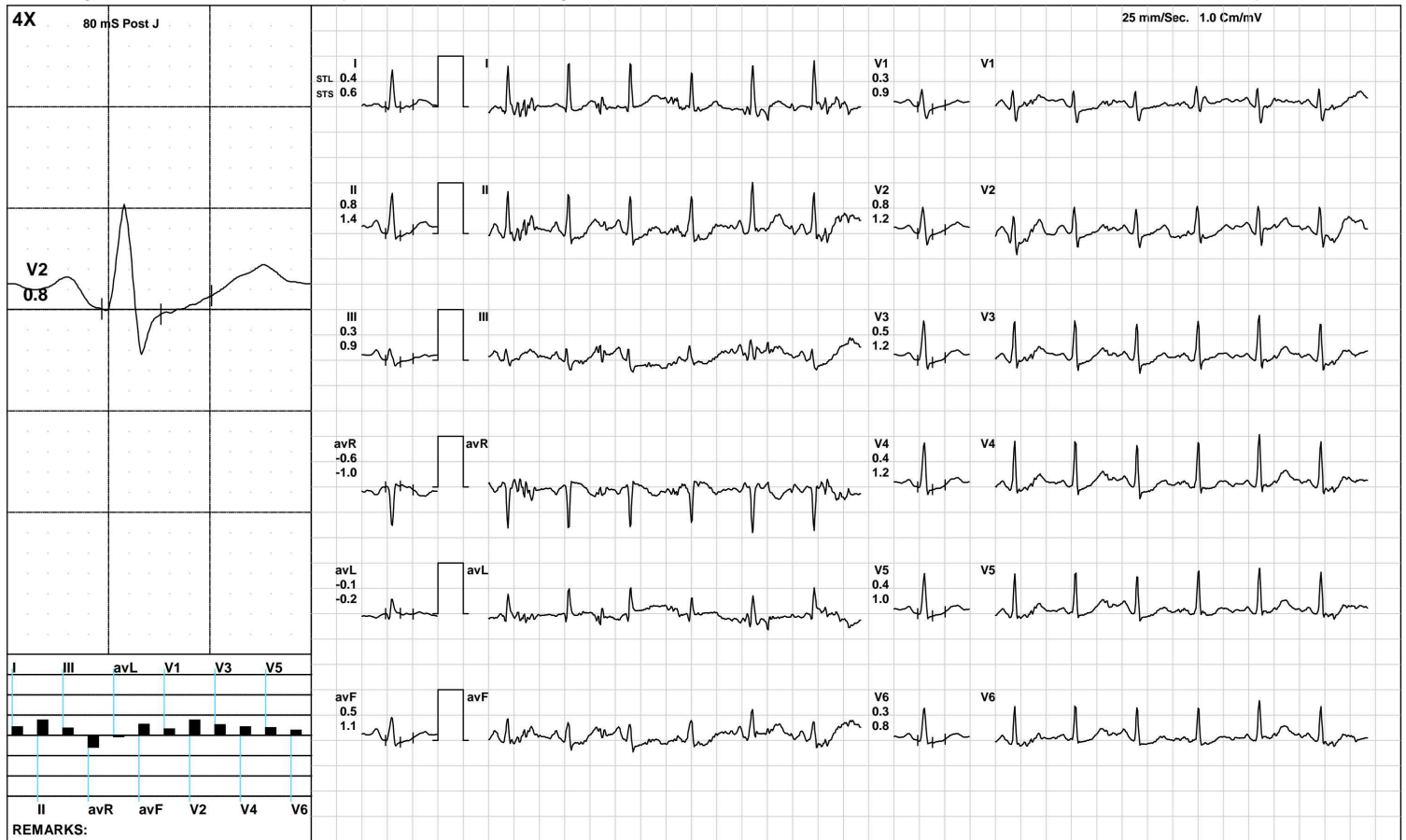
**Recovery(2:00)**



1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 122

Date: 27-Aug-2022 01:11:42 PM METS: 1.0/ 122 bpm 64% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

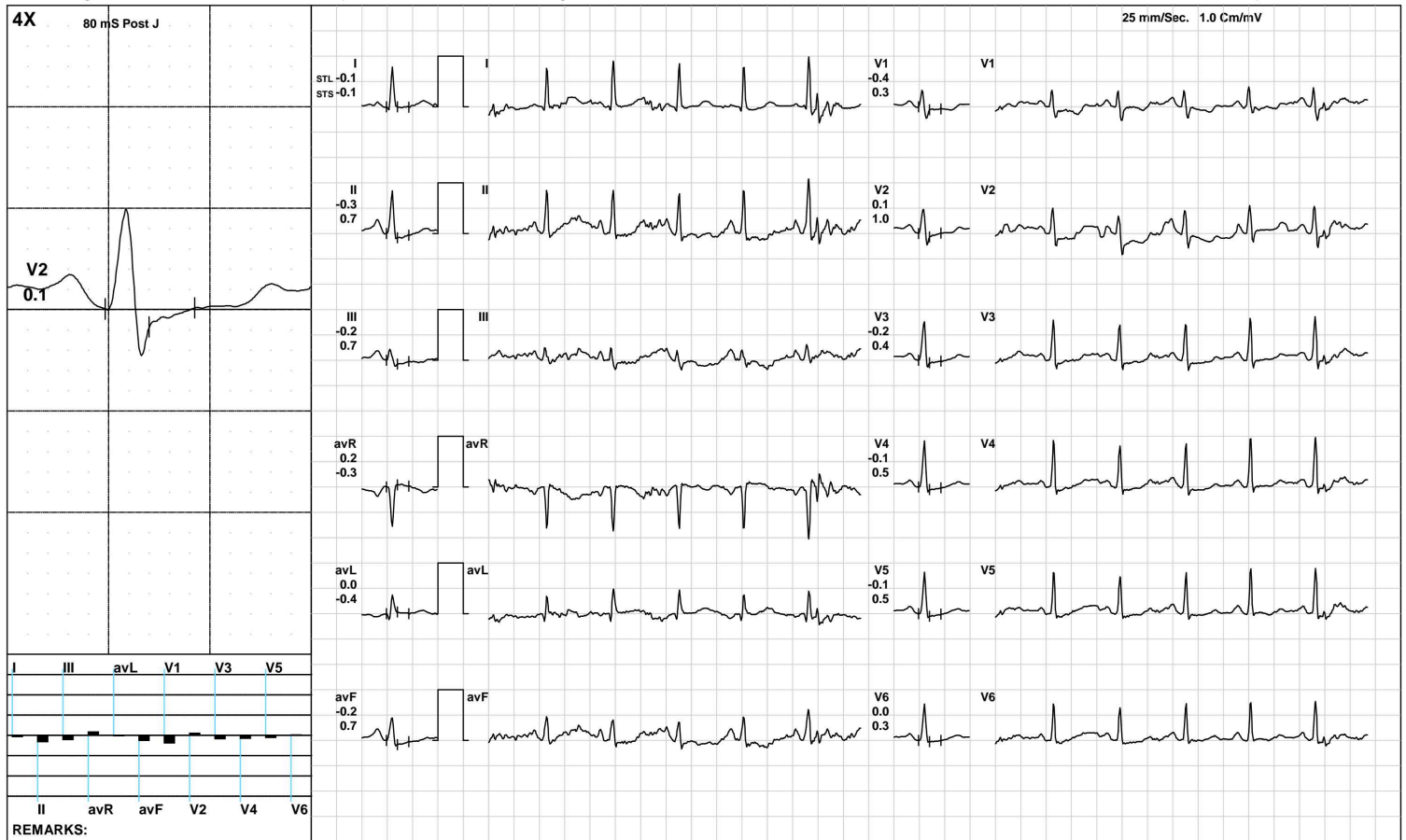
1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 114

**Recovery(3:16)**



Date: 27-Aug-2022 01:11:42 PM METS: 1.0/ 114 bpm 60% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1465 / MS. RANJANI SINHA / 32 Yrs / F / 152 Cms / 47 Kg / HR : 89

Date: 27-Aug-2022 01:11:42 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	-0.2	0.0	0.2	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.1	0.1	0.3	0.2	-0.1	-0.1	0.3	0.3	0.4	0.3	0.3	0.3	0.3	
80 @mS Standing	0.2	-0.1	-0.2	0.0	0.2	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.1	0.1	0.3	0.2	-0.1	-0.1	0.3	0.3	0.4	0.3	0.3	0.3	0.3	
HV	0.2	-0.1	-0.2	0.0	0.2	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.1	0.1	0.3	0.2	-0.1	-0.1	0.3	0.3	0.4	0.3	0.3	0.3	0.3	
Warm Up	0.3	0.0	-0.2	-0.1	0.2	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.1	-0.2	0.0	0.2	0.3	0.3	0.2	0.2	0.2	0.2	
ExStart	0.2	0.2	-0.1	-0.2	0.2	0.1	-0.3	0.0	0.2	0.3	0.4	0.4	0.6	0.8	0.1	-0.7	0.3	0.4	-0.2	0.1	0.3	0.4	0.5	0.5	
Stage 1	0.1	0.1	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.1	0.0	0.0	0.0	0.3	0.6	0.2	-0.4	0.0	0.4	0.3	0.4	0.6	0.6	0.5	0.4	
Stage 2	-0.3	-0.5	-0.2	0.4	-0.1	-0.3	-0.3	-0.6	-0.8	-0.7	-0.7	-0.5	-0.3	1.0	1.3	-0.4	-0.7	1.1	1.4	2.2	1.3	1.1	0.6	0.2	
Stage 3	0.0	-1.3	-1.5	0.6	0.7	-1.4	1.6	-1.2	-1.0	-0.9	-0.7	-0.4	0.7	1.1	-0.3	-0.9	0.6	0.4	3.1	0.9	1.4	1.1	1.5	0.8	
PeakEx	0.0	-1.3	-1.5	0.6	0.7	-1.4	1.6	-1.2	-1.0	-0.9	-0.7	-0.4	0.7	1.1	-0.3	-0.9	0.6	0.4	3.1	0.9	1.4	1.1	1.5	0.8	
Recovery	0.5	0.2	-0.3	-0.4	0.4	0.0	0.3	0.2	0.2	0.1	0.0	0.0	1.2	2.3	1.1	-1.7	0.0	1.7	1.5	2.0	1.8	1.6	1.3	1.1	
Recovery	0.2	0.4	0.2	-0.3	0.0	0.3	0.5	0.5	0.5	0.4	0.4	0.2	0.4	1.2	0.8	-0.8	-0.2	1.0	1.1	1.0	1.3	1.2	1.0	0.7	
Recovery	-0.1	-0.3	-0.2	0.2	0.0	-0.2	-0.4	0.1	-0.2	-0.1	-0.1	0.0	-0.1	0.7	0.7	-0.3	-0.4	0.7	0.3	1.0	0.4	0.5	0.5	0.3	
					I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6									



		<b>I</b>	<b>II</b>	<b>III</b>	<b>avR</b>	<b>avL</b>	<b>avF</b>	<b>V1</b>	<b>V2</b>	<b>V3</b>	<b>V4</b>	<b>V5</b>	<b>V6</b>
STI( $\mu$ Vs)	Supine	2.0	-0.8	-2.7	-0.5	2.2	-1.7	-2.1	-2.7	-0.4	-0.1	0.1	0.8
	Standing	2.0	-0.8	-2.7	-0.5	2.2	-1.7	-2.1	-2.7	-0.4	-0.1	0.1	0.8
	HV	2.0	-0.8	-2.7	-0.5	2.2	-1.7	-2.1	-2.7	-0.4	-0.1	0.1	0.8
	Warm Up	2.6	0.3	-2.2	-1.5	2.4	-0.9	-2.1	-1.2	-0.2	0.1	0.4	0.6
	ExStart	3.2	1.1	-3.2	-2.1	3.7	-0.7	-3.4	-1.4	0.4	1.5	2.2	2.1
	Stage 1	0.7	-0.1	-0.6	-0.2	0.6	-0.4	-2.6	-2.2	-0.6	-1.3	-0.4	-0.3
	Stage 2	-2.4	-4.7	-2.4	3.6	0.1	-3.6	-2.9	-4.8	-5.9	-5.0	-5.0	-3.3
	Stage 3	-1.0	-6.7	-6.3	3.9	2.2	-6.8	2.3	-7.0	-6.7	-5.6	-5.3	-2.7
	PeakEx	-1.0	-6.7	-6.3	3.9	2.2	-6.8	2.3	-7.0	-6.7	-5.6	-5.3	-2.7
	Recovery	0.3	-3.4	-3.7	1.6	2.3	-3.5	-1.0	-2.4	-2.5	-3.0	-2.5	-2.0
	Recovery	1.0	1.8	0.8	-1.3	0.2	1.3	2.2	2.6	2.1	1.2	1.5	0.6
	Recovery	0.0	-4.0	-3.9	1.9	1.2	-3.9	-3.6	-1.2	-2.4	-2.3	-2.0	-0.6



PATNA

1465 / MS. RANJANI SINHA / 32 Yrs / Female / 152 Cm / 47 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) (J & PJ)	(%)	(Counts)	(Counts)
00:30	98	90	80	29	338	211	890	-228	163	-47 V1	-48	0.00	0
01:00	111	178	104	28	432	219	907	-790	-189	-116 II	-103	0.00	0
01:30	123	168	78	23	430	222	902	-802	-172	-61 V1	-58	0.00	0
02:00	116	162	78	21	436	228	872	-795	-170	-73 III	-75	0.00	0
02:30	125	174	62	19	408	402	849	-711	-282	-92 II	-64	0.00	0
03:00	121	120	78	24	385	203	863	-780	-133	-139 V2	-45	0.00	0
03:30	133	154	70	22	450	234	881	-783	-179	-145 V3	-108	0.00	0
04:00	141	136	76	22	354	249	856	-321	-169	-115 III	-139	0.00	0
04:30	145	110	76	20	366	266	858	-319	-191	-123 V5	-86	0.00	0
05:00	148	132	70	21	439	376	889	-715	237	-136 III	-164	0.00	0
05:30	148	122	58	18	159	282	898	-747	-148	-214 V2	-131	0.00	0
06:00	146	104	60	25	164	257	875	-734	-152	-210 V2	-116	0.00	0
06:30	160	132	82	19	169	410	936	-743	267	-160 V2	-153	0.00	0
07:00	165	80	58	28	377	356	924	-716	212	-194 II	-162	0.00	0
07:30	170	92	74	23	349	279	948	-722	-266	-227 V4	-189	0.00	0
08:00	169	110	56	17	141	445	919	-714	-315	-203 avF	-246	0.00	0
08:30	170	92	76	19	185	272	882	-700	-199	-176 V2	-141	0.00	0
09:00	173	102	82	8	279	297	882	-710	277	-179 III	-189	0.00	0
09:30	169	102	126	17	305	239	901	-721	-267	-223 V2	-102	0.00	0
10:00	146	76	76	18	420	294	862	-766	182	-130 V5	-43	0.00	0
10:30	130	104	60	14	415	303	846	-786	260	-142 V4	-35	0.00	0
11:00	123	150	82	20	397	250	903	-798	229	20 avL	-9	0.00	0
11:30	116	160	78	21	350	243	902	-288	218	-103 II	-41	0.00	0
12:00	116	110	62	19	421	251	919	-839	218	-68 III	-45	0.00	0
12:30	115	138	104	22	177	257	907	-847	120	-57 V1	-49	0.00	0



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	27/08/2022	Srl No.	36	Patient Id	2208270036
Name	Mrs. RANJANI SINHA	Age	32 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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### HAEMATOLOGY

HB A1C	5.1	%	
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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**  
**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  
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<b>Date</b>	<b>27/08/2022</b>	<b>Srl No. 36</b>	<b>Patient Id 2208270036</b>
<b>Name</b>	<b>Mrs. RANJANI SINHA</b>	<b>Age 32 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	11.0	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	6,400	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	63	%	40 - 75
LYMPHOCYTE	32	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	11	mm/1st hr.	0 - 20
R B C COUNT	3.25	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	33	%	35 - 45
M C V	94.1	fl.	80 - 100
M C H	33.85	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.16	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		

\*\*\*\* End Of Report \*\*\*\*

**Dr.R.B.RAMAN**  
**MBBS, MD**  
**CONSULTANT PATHOLOGIST**





<b>Date</b> 27/08/2022	<b>Srl No.</b> 36	<b>Patient Id</b> 2208270036
<b>Name</b> Mrs. RANJANI SINHA	<b>Age</b> 32 Yrs.	<b>Sex</b> F
<b>Ref. By</b> Dr.BOB		

Test Name	Value	Unit	Normal Value
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### BIOCHEMISTRY

BLOOD SUGAR FASTING	83.6	mg/dl	70 - 110
BLOOD SUGAR PP	91.5	mg/dl	80 - 160
SERUM CREATININE	0.70	mg%	0.5 - 1.3
BLOOD UREA	24.3	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.7	mg%	2.5 - 6.0

### LIVER FUNCTION TEST (LFT)

BILIRUBIN TOTAL	0.55	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.16	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.39	mg/dl	0.00 - 0.70
TOTAL PROTEIN	<b>5.9</b>	gm/dl	6.6 - 8.3
ALBUMIN	<b>2.6</b>	gm/dl	3.4 - 5.2
GLOBULIN	3.3	gm/dl	2.3 - 3.5
A/G RATIO	<b>0.788</b>		
SGOT	29.6	IU/L	5 - 35
SGPT	28.3	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	79.2	U/L	35.0 - 104.0
GAMMA GT	25.4	IU/L	6.0 - 42.0

### LFT INTERPRET

### LIPID PROFILE

TRIGLYCERIDES	84.6	mg/dL	25.0 - 165.0
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<b>Name</b>	<b>Mrs. RANJANI SINHA</b>	<b>Age 32 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
TOTAL CHOLESTEROL	159.5	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	47.2	mg/dL	35.1 - 88.0
V L D L	16.92	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	95.38	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.379		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.021		0.00 - 3.55

### THYROID PROFILE

T3	0.94	ng/ml	0.60 - 1.81
T4 Chemiluminescence	8.23	ug/dl	4.5 - 10.9
TSH Chemiluminescence	1.40	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	

<u>ADULTS</u>	0.39 - 6.16	ulu/ml	
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**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.



<b>Date</b>	<b>27/08/2022</b>	<b>Srl No.</b>	<b>36</b>	<b>Patient Id</b>	<b>2208270036</b>
<b>Name</b>	<b>Mrs. RANJANI SINHA</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
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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	10	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.020	
PH	6.0	



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Test Name	Value	Unit	Normal Value
<b>CHEMICAL EXAMINATION</b>			
ALBUMIN	NIL		
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

\*\*\*\* End Of Report \*\*\*\*

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