

ID: 42

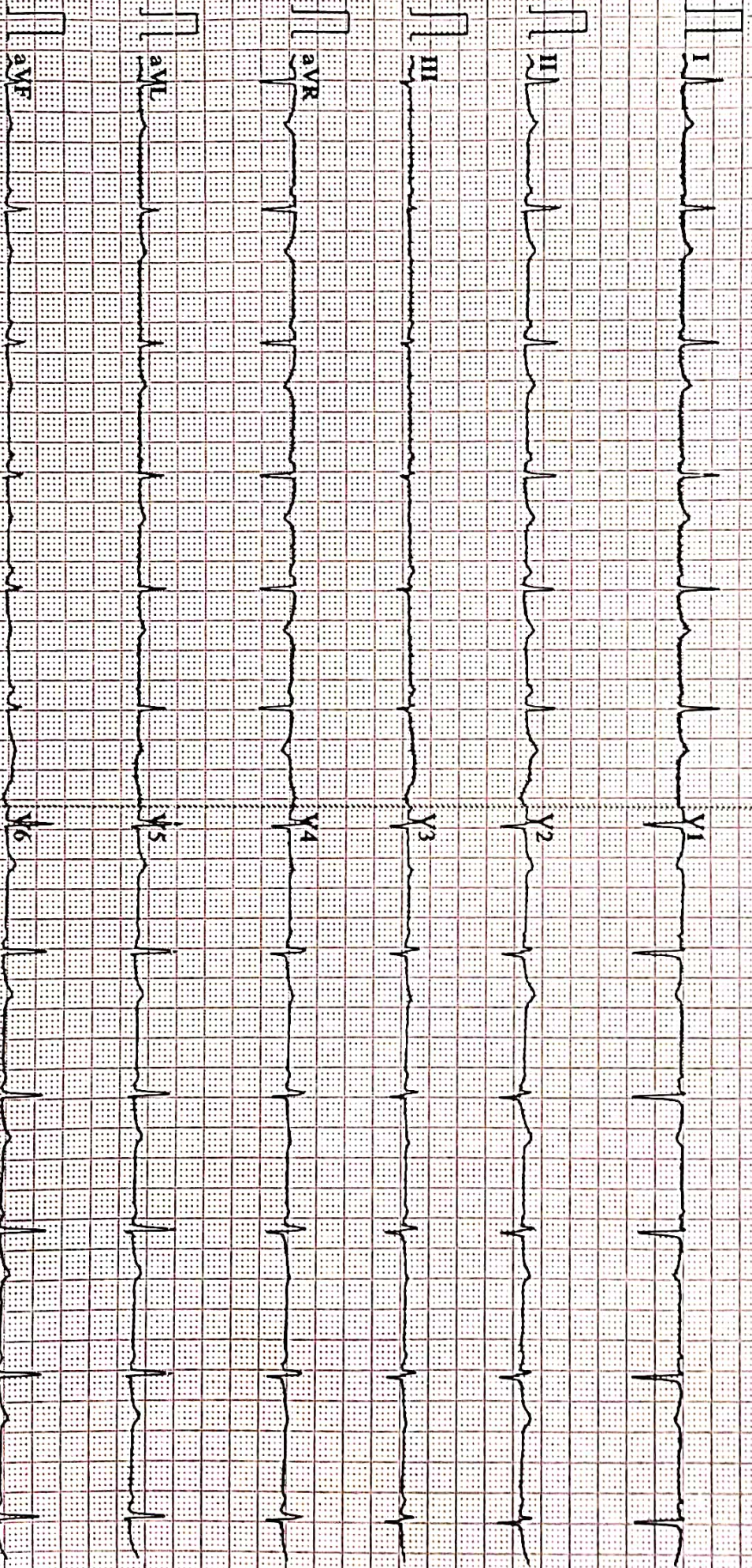
18-06-2022 10:29:54 AM

RANU MISHRA  
Female 33Years

HR : 67 bpm  
P : 95 ms  
PR : 135 ms  
QRS : 64 ms  
QT/QTc : 398/422 ms  
P/QRS/T : 62/24/27 °  
RV5/SV1 : 0.68/0.790 mV

Diagnosis Information:  
Sinus Arrhythmia  
Low Voltage(Chest Leads)

Ref-Phys: :  
Report Confirmed by:



U0/100Hz/AV20 40mm/s 10mm/mV 2.5us 707 VZZ SEMIP V181 DAIGNOSTIC



Name :- Ms. Ranu Mishra  
Refd by :- BOB

Age/Sex:-34Yrs/F  
Date :-18/06/2022

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size(12.1cm) 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** :- **Not Visualized. (H/O- Cholecystectomy in the past).**
- 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 (11.5cm)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 8.5cm and Left Kidney measures 9.0cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- **Enlarged in size (94mm x 51mm)** and anteverted in position with normal myometrial echotexture and endometrial thickness. ET-6.2mm
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 26mm x 20mm and Left ovary measures 29mm x 19mm.  
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/V Bulky Uterus.*

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

**AAROGYAM DIAGNOSTICS****PATNA****1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg Date: 18-Jun-2022 Technician : ARUN****Report****(GEM212170906)(R)Kardic by Allengers**

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:10	0:01	00.0	00.0	01.0	85	45 %	110/70	093	00	
Standing	00:22	0:01	00.0	00.0	01.0	80	43 %	110/70	088	00	
HV	00:32	0:01	00.0	00.0	01.0	076	41 %	110/70	083	00	
Warm Up	00:41	0:01	01.0	00.0	01.0	088	47 %	110/70	096	00	
ExStart	00:58	0:06	01.7	10.0	01.1	109	58 %	110/70	119	00	
BRUCE/ Stage 1	03:58	3:00	01.7	10.0	04.7	130	70 %	115/75	149	00	
BRUCE/ Stage 2	06:58	3:00	02.5	12.0	07.1	151	81 %	120/80	181	00	
PeakEx	08:57	2:00	03.4	14.0	09.2	172	92 %	125/85	215	00	
Recovery	09:56	1:00	01.1	00.0	01.2	152	81 %	120/80	182	00	
Recovery	10:56	2:00	01.1	00.0	01.0	142	76 %	115/75	163	00	
Recovery	12:35	3:38	01.1	00.0	01.0	127	68 %	110/70	139	00	

**Findings :**

**Exercise Time** : 08:00  
**Max HR Attained** : 184 bpm 98% of Target 187  
**Max BP Attained** : (Sys) 125/85  
**Max WorkLoad Attained** : 9.2 Good response to induced stress  
**Max ST Dep Lead & Value** : V4 & -1.3 mm in Stage 1 mm  
**Test End Reasons** : Test Complete, Test Complete, Test Complete

**Report :****Doctor : Doctor Name**

**AAROGYAM DIAGNOSTICS**

1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 85

Supine



Date: 18-Jun-2022 12:02:37 PM METS: 1.0/ 85 bpm 45% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:10 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

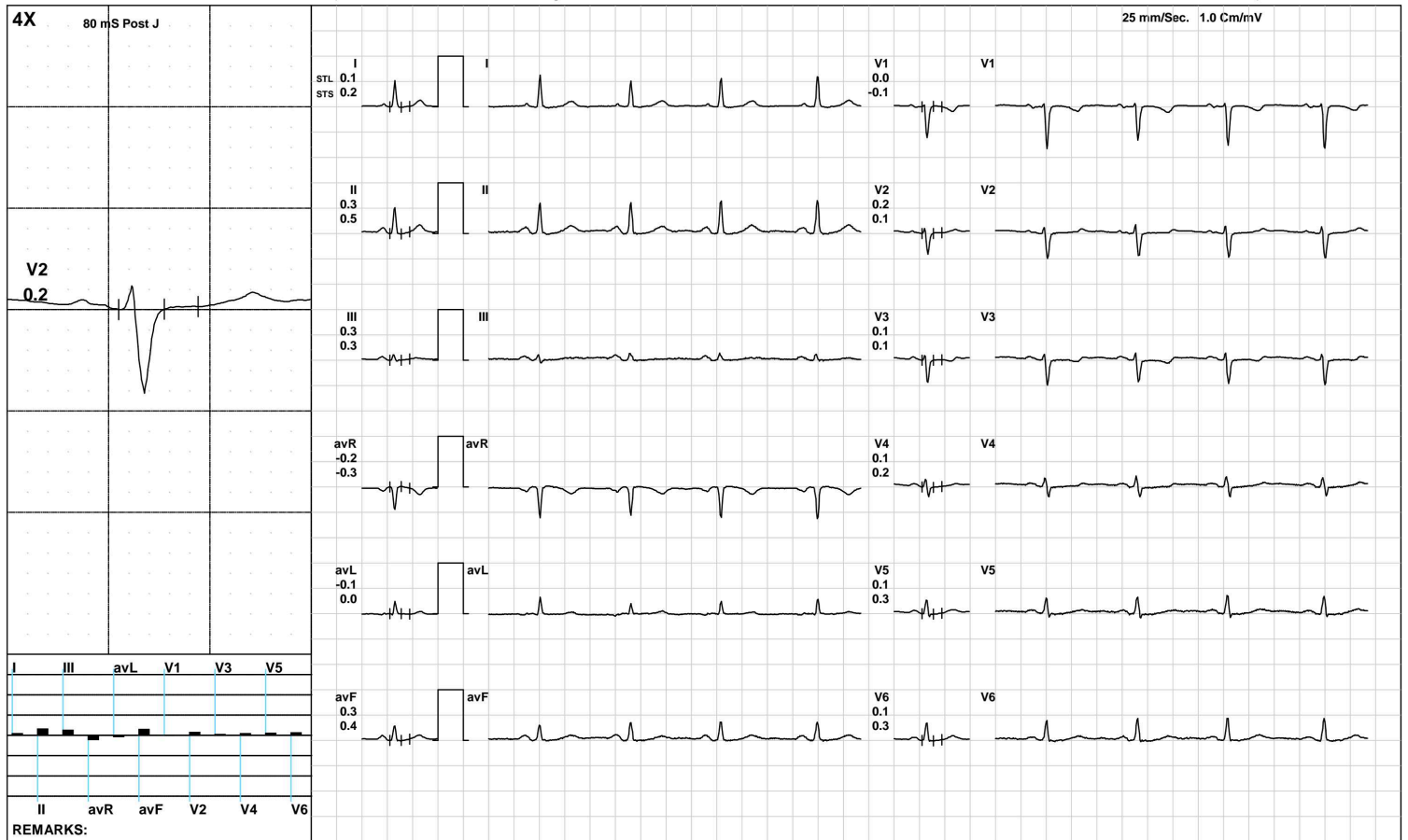
1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 80

Standing



Date: 18-Jun-2022 12:02:37 PM METS: 1.0/ 80 bpm 42% of THR BP: 110/70 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**

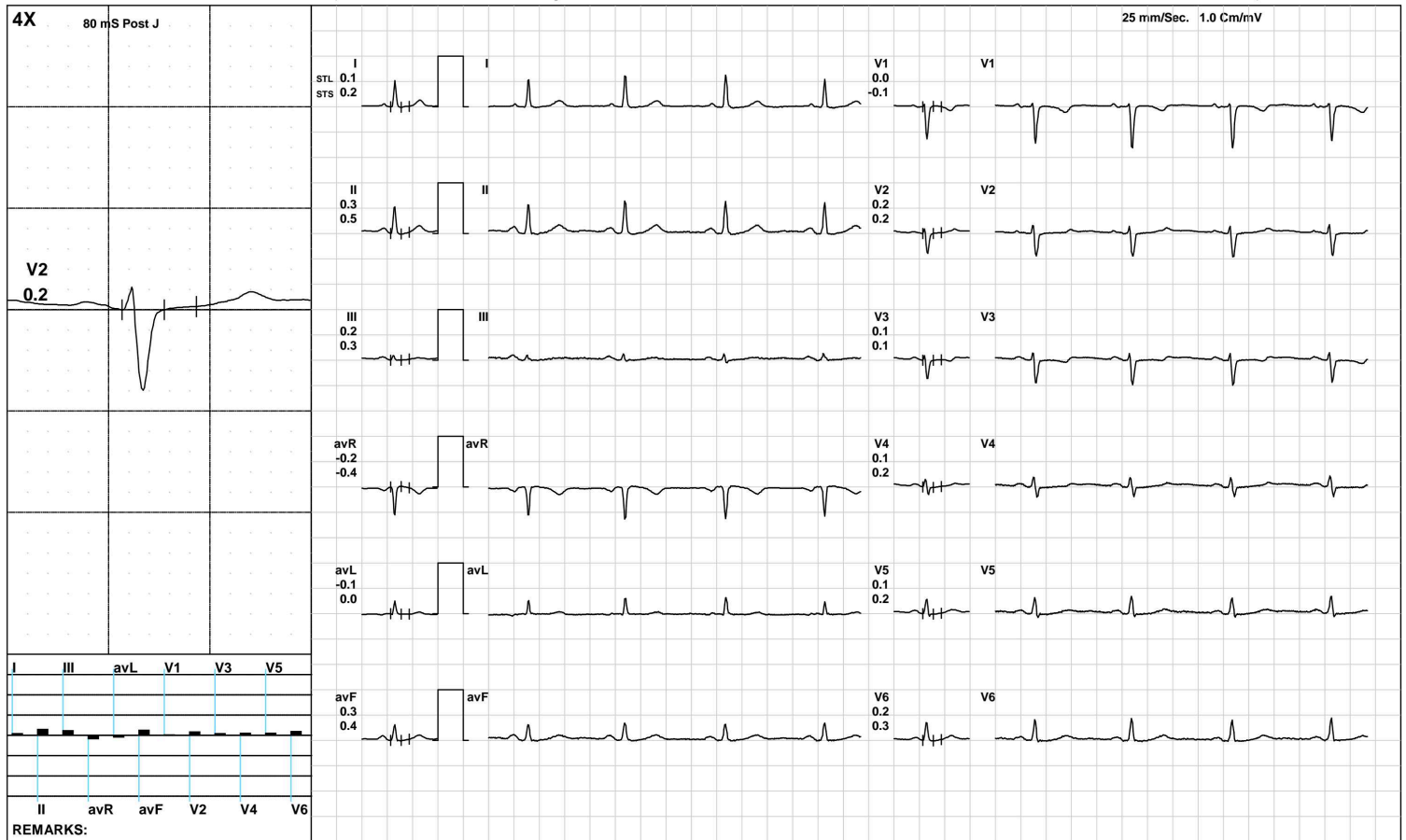
**HV**



1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 76

Date: 18-Jun-2022 12:02:37 PM METS: 1.0/ 76 bpm 40% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:32 0.0 mph, 0.0%



REMARKS:

(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

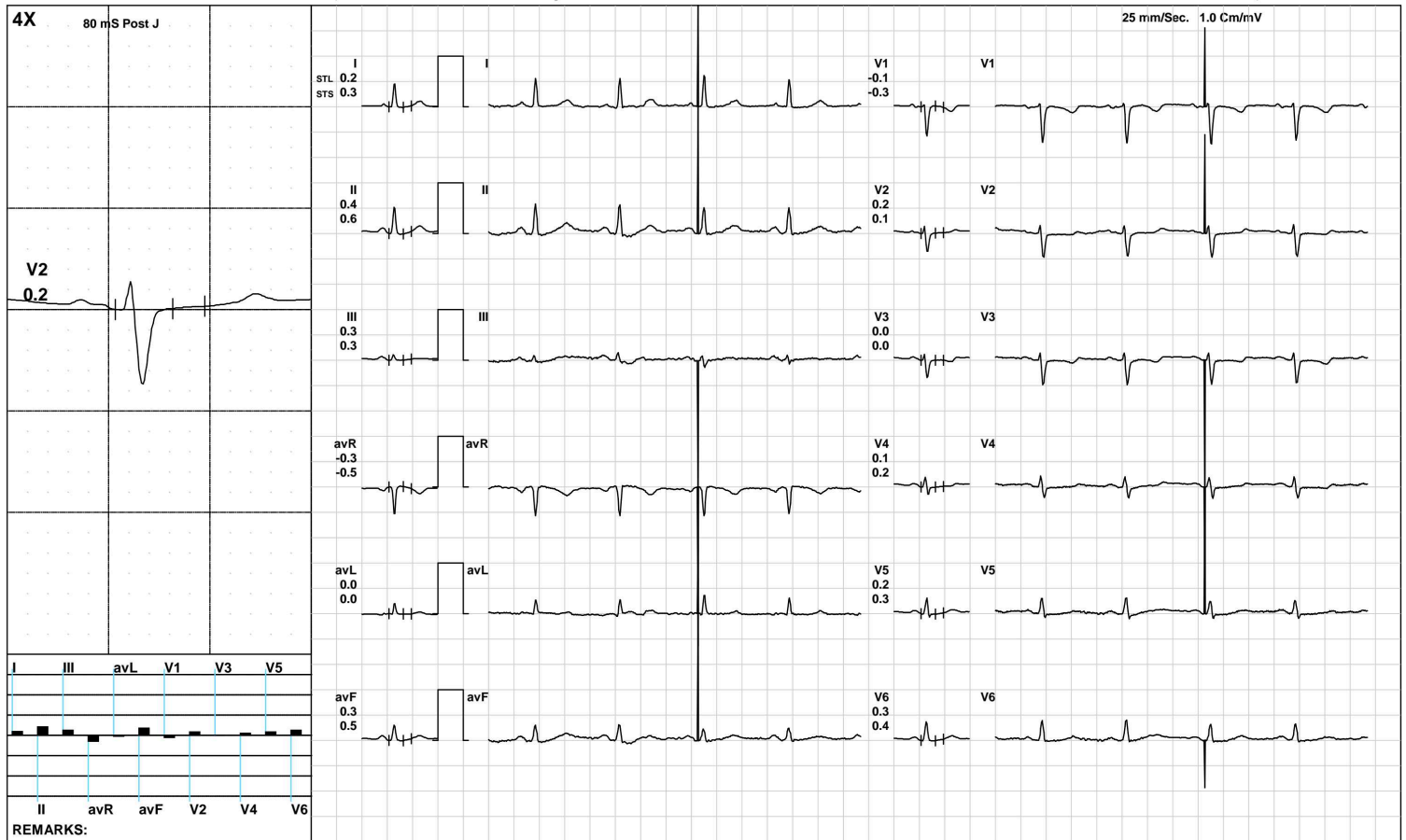
**Warm Up**



1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 88

Date: 18-Jun-2022 12:02:37 PM METS: 1.0/ 88 bpm 47% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:41 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

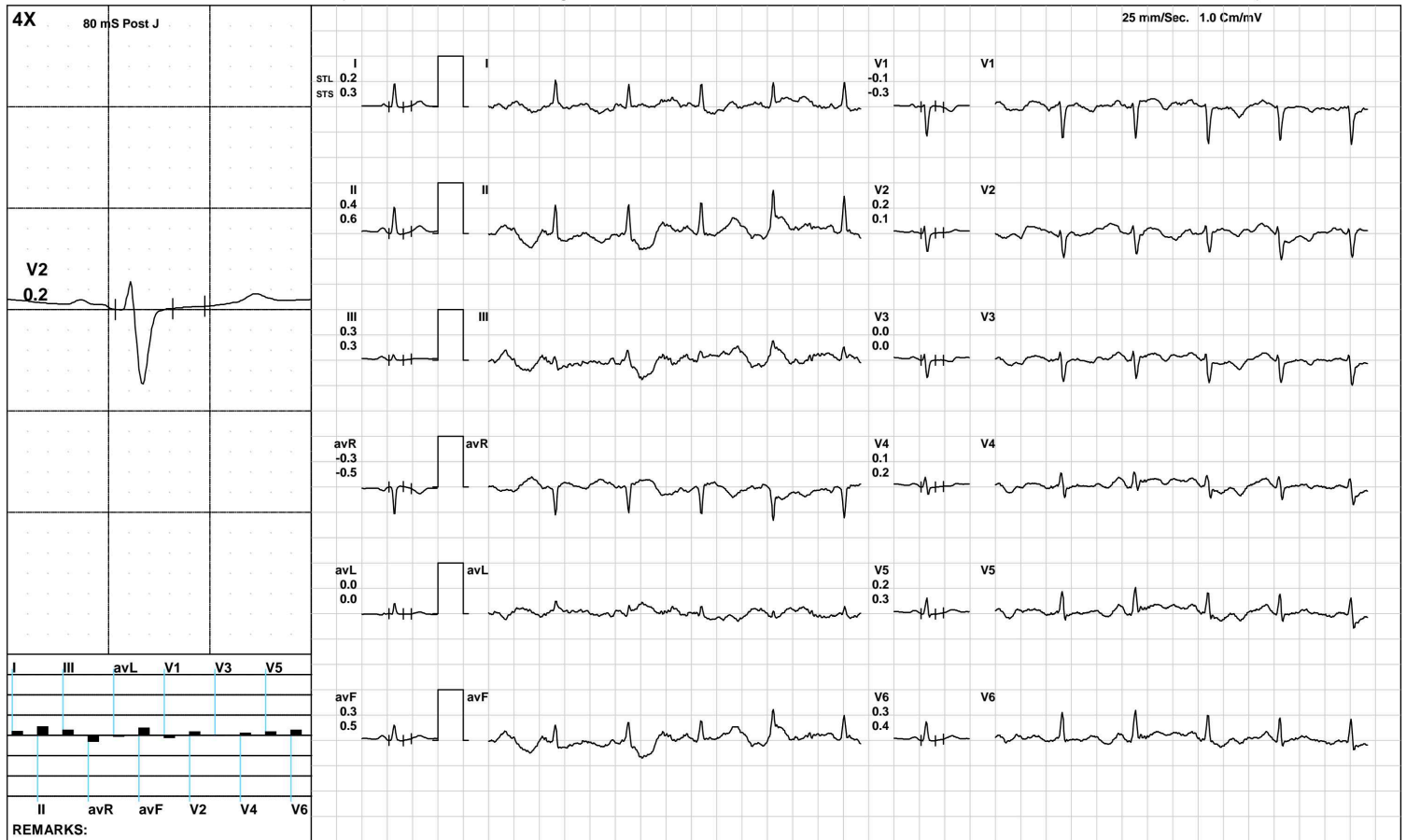
**ExStart**



1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 109

Date: 18-Jun-2022 12:02:37 PM METS: 1.1/ 109 bpm 58% 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**

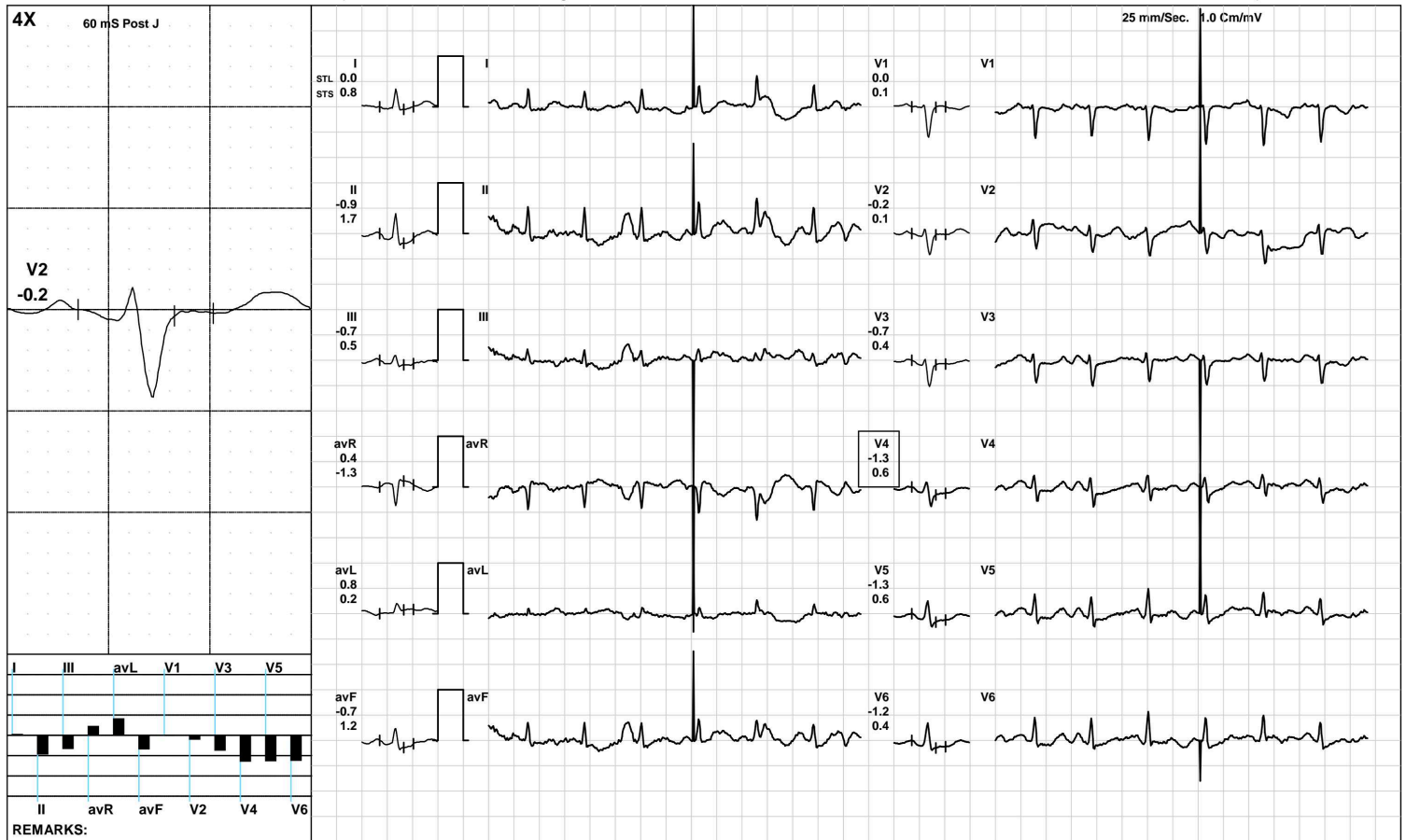
**BRUCE: Stage 1(3:00)**



1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 130

Date: 18-Jun-2022 12:02:37 PM METS: 4.7/ 130 bpm 69% 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**

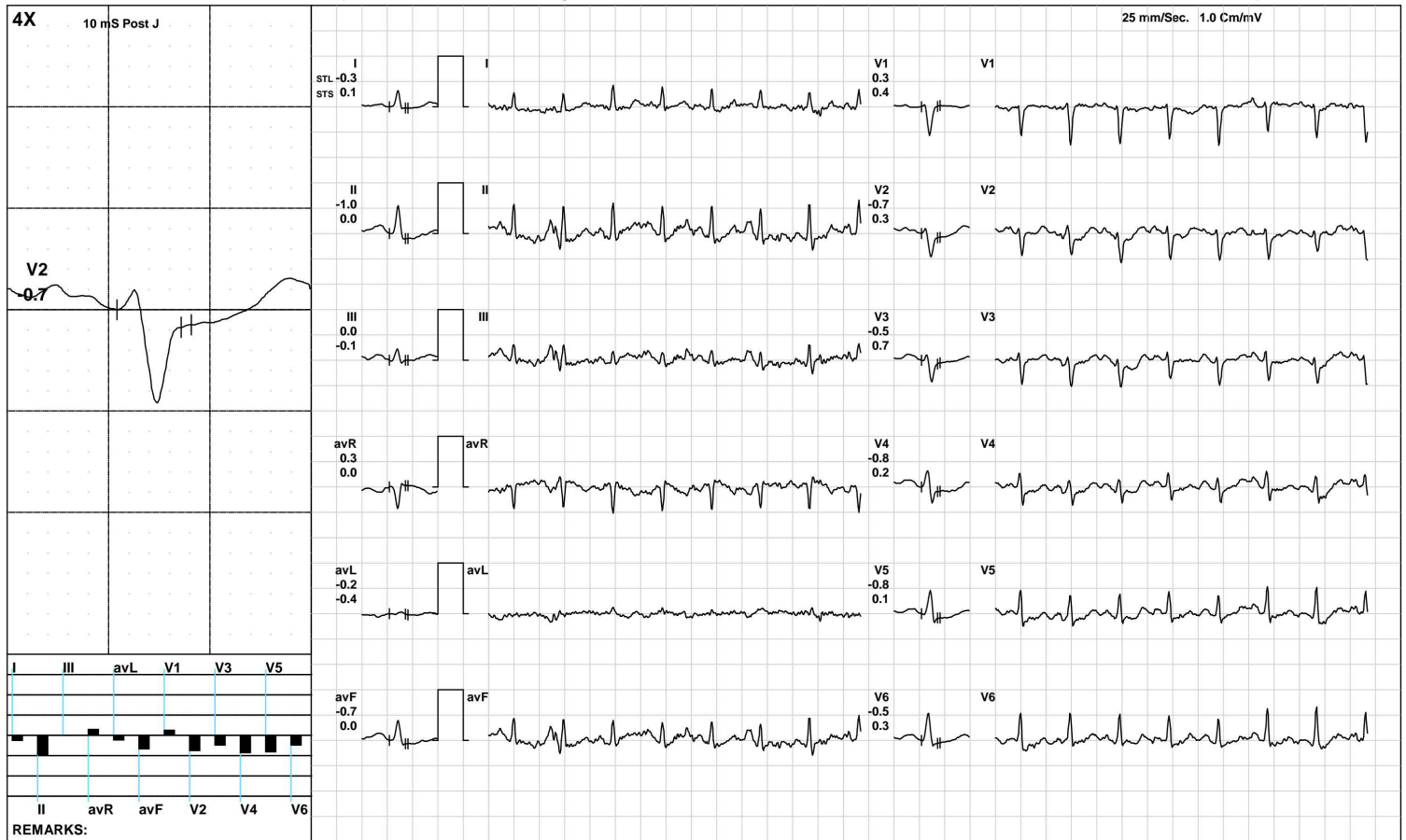
**BRUCE/Stage 2(3:00)**



1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 151

Date: 18-Jun-2022 12:02:37 PM METS: 7.1/ 151 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**

1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 172

**PeakEx**



Date: 18-Jun-2022 12:02:37 PM METS: 9.2/ 172 bpm 91% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:59 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

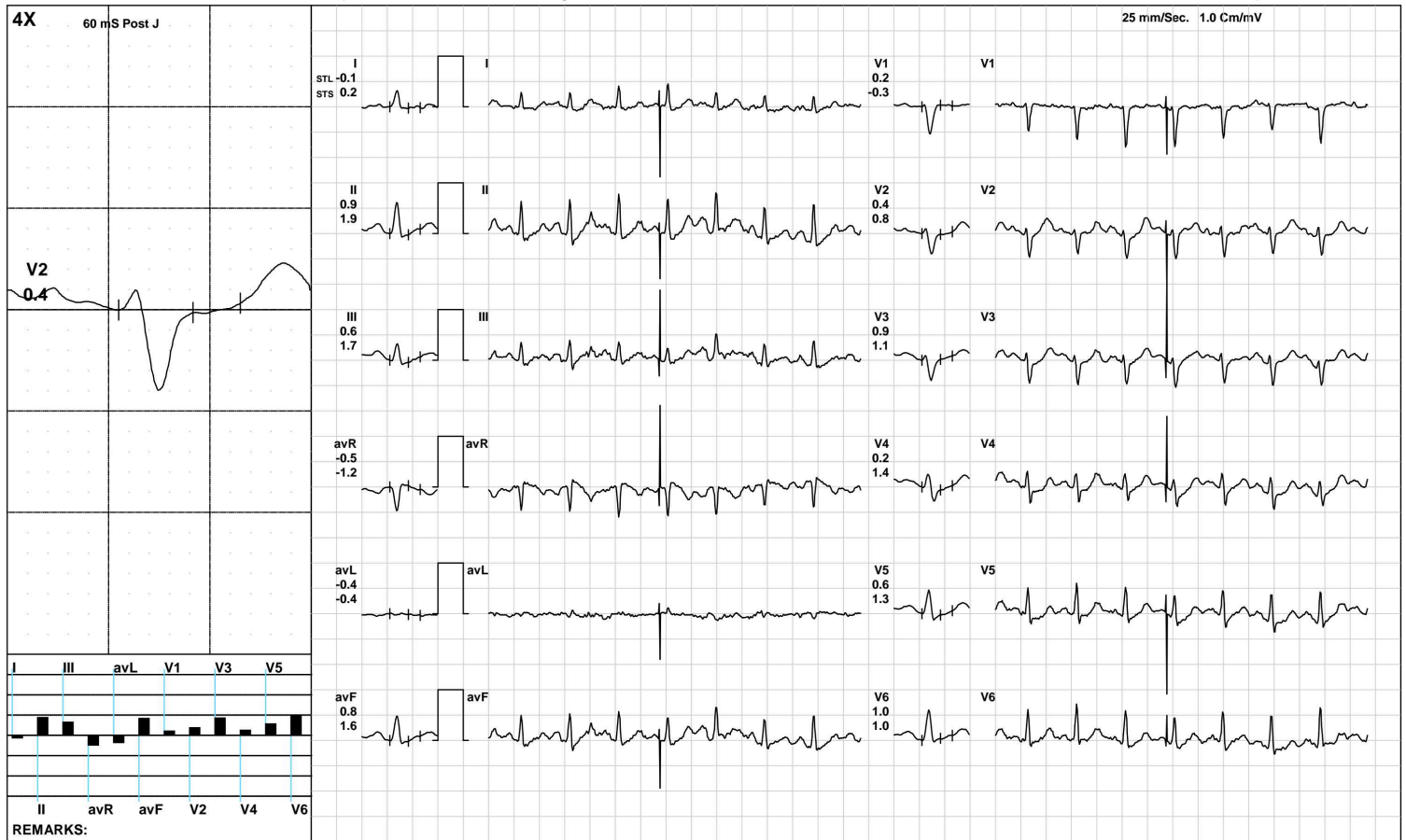
1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 152

Recovery(1:00)



Date: 18-Jun-2022 12:02:37 PM METS: 1.2/ 152 bpm 81% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

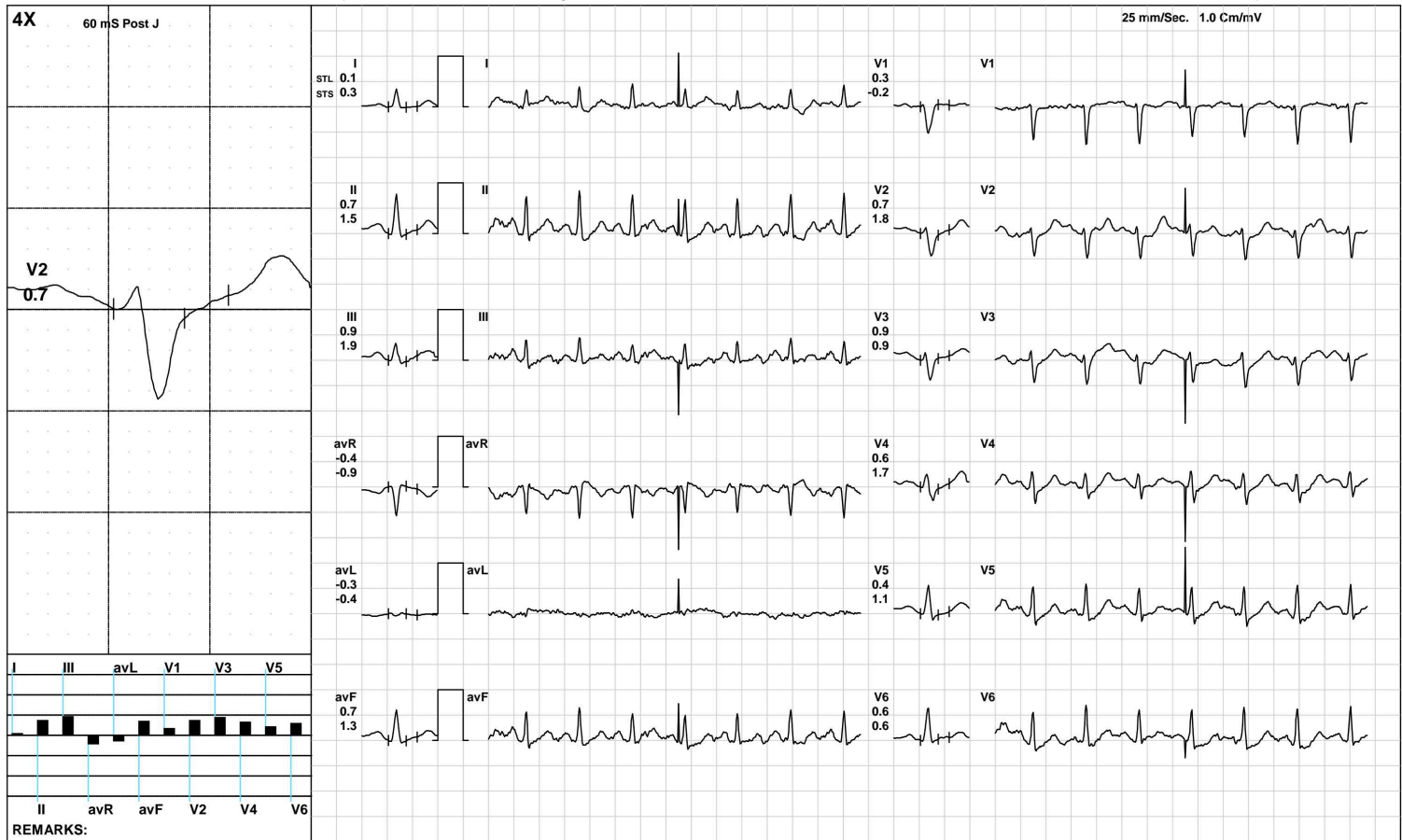
**AAROGYAM DIAGNOSTICS**

Recovery(2:00)



1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 142

Date: 18-Jun-2022 12:02:37 PM METS: 1.0/ 142 bpm 75% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz ExTime: 08:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

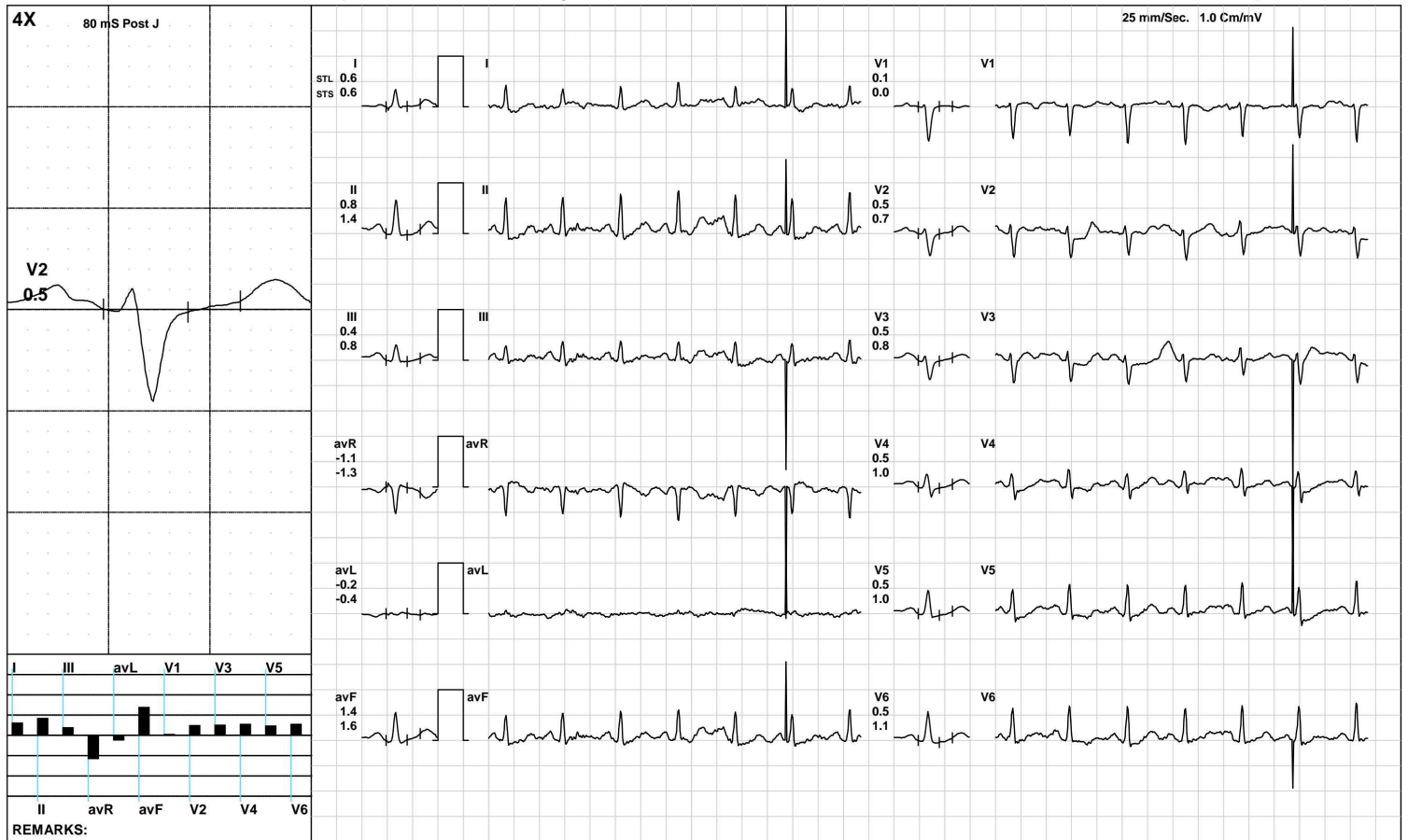
1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 127

Recovery(3:38)



Date: 18-Jun-2022 12:02:37 PM METS: 1.0/ 127 bpm 67% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1349 / MRS. RANU MISHRA / 33 Yrs / F / 154 Cms / 62 Kg / HR : 83

Date: 18-Jun-2022 12:02:37 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	0.1	0.3	0.2	-0.2	-0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.5	0.3	-0.3	0.0	0.4	0.0	0.1	0.1	0.2	0.2	0.3	
80 @mS Standing	0.1	0.3	0.3	-0.2	-0.1	0.3	0.0	0.2	0.1	0.1	0.1	0.1	0.2	0.5	0.3	-0.3	0.0	0.4	-0.1	0.1	0.1	0.2	0.3	0.3	
HV	0.1	0.3	0.2	-0.2	-0.1	0.3	0.0	0.2	0.1	0.1	0.1	0.2	0.2	0.5	0.3	-0.4	0.0	0.4	-0.1	0.2	0.1	0.2	0.2	0.3	
Warm Up	0.1	0.3	0.2	-0.2	-0.1	0.3	0.0	0.2	0.1	0.1	0.1	0.2	0.2	0.5	0.3	-0.4	0.0	0.4	-0.1	0.2	0.1	0.2	0.2	0.3	
ExStart	0.2	0.4	0.3	-0.3	0.0	0.3	-0.1	0.2	0.0	0.1	0.2	0.3	0.3	0.6	0.3	-0.5	0.0	0.5	-0.3	0.1	0.0	0.2	0.3	0.4	
Stage 1	0.0	-0.9	-0.7	0.4	0.8	-0.7	0.0	-0.2	-0.7	-1.3	-1.3	-1.2	0.8	1.7	0.5	-1.3	0.2	1.2	0.1	0.1	0.4	0.6	0.6	0.4	
Stage 2	-0.3	-1.0	0.0	0.3	-0.2	-0.7	0.3	-0.7	-0.5	-0.8	-0.8	-0.5	0.1	0.0	-0.1	0.0	-0.4	0.0	0.4	0.3	0.7	0.2	0.1	0.3	
PeakEx	-0.2	-0.2	0.0	0.2	-0.1	-0.1	0.2	0.6	0.3	0.3	0.1	0.1	0.4	1.7	1.3	-1.1	-0.5	1.5	-0.6	0.8	0.7	1.2	1.1	1.4	
Recovery	-0.1	0.9	0.6	-0.5	-0.4	0.8	0.2	0.4	0.9	0.2	0.6	1.0	0.2	1.9	1.7	-1.2	-0.4	1.6	-0.3	0.8	1.1	1.4	1.3	1.0	
Recovery	0.1	0.7	0.9	-0.4	-0.3	0.7	0.3	0.7	0.9	0.6	0.4	0.6	0.3	1.5	1.9	-0.9	-0.4	1.3	-0.2	1.8	0.9	1.7	1.1	0.6	
Recovery	0.6	0.8	0.4	-1.1	-0.2	1.4	0.1	0.5	0.5	0.5	0.5	0.5	0.6	1.4	0.8	-1.3	-0.4	1.6	0.0	0.7	0.8	1.0	1.0	1.1	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		1.7	3.5	1.7	-2.6	0.1	2.5	-0.1	1.5	0.1	0.8	1.4	0.8
Standing		1.8	3.7	2.0	-2.8	0.0	2.8	-0.7	1.6	0.0	0.9	1.5	1.5
HV		2.0	3.6	1.8	-2.6	0.0	2.7	-0.9	1.7	0.1	0.9	1.5	2.2
Warm Up		2.0	3.6	1.8	-2.6	0.0	2.7	-0.9	1.7	0.1	0.9	1.5	2.2
ExStart		2.9	4.7	1.9	-3.8	0.5	3.3	-2.1	1.6	-0.6	0.9	2.1	2.8
Stage 1		-1.1	-8.6	-5.0	4.8	4.9	-6.2	0.4	-0.8	-4.3	-7.8	-7.9	-7.6
Stage 2		-0.9	-3.4	0.0	1.0	-0.8	-2.4	0.8	-2.5	-1.8	-2.9	-3.0	-1.6
PeakEx		-2.2	-5.2	-3.0	3.7	0.4	-4.1	2.9	2.2	1.0	-0.2	-1.8	-1.4
Recovery		-0.3	3.0	0.9	-1.5	-1.5	3.0	2.0	0.1	3.1	-1.0	0.6	4.1
Recovery		-0.1	2.5	2.3	-1.2	-1.3	2.5	2.6	1.8	3.8	1.3	0.5	3.4
Recovery		2.9	2.4	1.1	-5.5	-0.9	6.4	0.8	2.3	2.0	1.9	1.0	1.1



PATNA

1349 / MRS. RANU MISHRA / 33 Yrs / Female / 154 Cm / 62 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)	(μV)	(%)	(Counts)		
00:30	104	276	64	28	397	119	638	-784	169	68	I	-6	0.00	0	0
01:00	118	276	64	70	397	890	890	-742	601	-183	avL	-217	0.00	0	0
01:30	118	156	54	52	210	-236	528	-708	508	-55	avL	-222	0.00	0	0
02:00	126	178	76	36	298	-522	608	-627	621	251	V6	-191	0.00	0	0
02:30	128	180	52	36	378	-466	608	-632	352	-155	V2	-73	0.00	0	0
03:00	128	168	76	36	390	-435	546	-665	-347	-179	V5	-68	0.00	0	0
03:30	130	162	64	38	350	300	534	-681	-657	-165	III	-80	0.00	0	0
04:00	140	150	52	-3	157	-203	537	-618	-246	-114	avF	-207	0.00	0	0
04:30	144	146	72	55	188	166	642	-633	184	-101	V5	-75	0.00	0	0
05:00	146	150	70	46	147	178	563	-631	-182	-96	II	-102	0.00	0	0
05:30	150	152	64	44	356	178	563	-690	117	-139	II	-100	0.00	0	0
06:00	151	152	56	44	351	127	563	-699	117	-139	II	-101	0.00	0	0
06:30	148	152	52	0	335	127	531	-631	130	-180	V4	-109	0.00	0	0
07:00	168	88	68	0	377	136	538	-579	-676	-113	III	-166	0.00	0	0
07:30	170	10	64	64	390	361	587	-566	-211	-81	III	-164	0.00	0	0
08:00	172	40	52	47	222	155	584	-566	-238	-210	V6	-138	0.00	0	0
08:30	172	88	50	69	212	165	583	-553	-198	-56	II	-143	0.00	0	0
09:00	163	114	68	52	335	241	616	-582	242	-115	V5	-31	0.00	0	0
09:30	152	140	52	48	165	211	621	-578	-283	-162	V5	-61	0.00	0	0
10:00	152	116	60	53	325	214	691	-578	263	-108	V6	-37	0.00	0	0
10:30	140	158	58	58	342	180	753	-578	259	-114	V6	-49	0.00	0	0
11:00	140	156	92	-90	336	176	708	-144	228	-80	V3	-8	0.00	0	0
11:30	133	34	60	-90	338	279	708	-694	708	14	V3	-202	0.00	0	0
12:00	129	92	-6	-90	79	288	718	-685	753	-46	V5	-105	0.00	0	0





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**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	18/06/2022	Srl No.	14	Patient Id	2206180014
Name	Mrs. RANU MISHRA	Age	33 Yrs.	Sex	F
Ref. By	Dr.BOB				

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

### HAEMATOLOGY

HB A1C	5.0	%	
--------	-----	---	--

#### 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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 (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

<b>Date</b>	<b>18/06/2022</b>	<b>Srl No. 14</b>	<b>Patient Id 2206180014</b>
<b>Name</b>	<b>Mrs. RANU MISHRA</b>	<b>Age 33 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.1	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	4,300	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	53	%	40 - 75
LYMPHOCYTE	42	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 20
R B C COUNT	4.10	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	<b>31.5</b>	%	35 - 45
M C V	<b>76.83</b>	fl.	80 - 100
M C H	29.51	Picogram	27.0 - 31.0
M C H C	<b>38.4</b>	gm/dl	33 - 37
PLATELET COUNT	2.05	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"AB"		
RH TYPING	POSITIVE		

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

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



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**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

<b>Date</b>	<b>18/06/2022</b>	<b>Srl No. 14</b>	<b>Patient Id 2206180014</b>
<b>Name</b>	<b>Mrs. RANU MISHRA</b>	<b>Age 33 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
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**BIOCHEMISTRY**

BLOOD SUGAR FASTING	81.5	mg/dl	70 - 110
SERUM CREATININE	0.72	mg%	0.5 - 1.3
BLOOD UREA	22.8	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.6	mg%	2.5 - 6.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			
BILIRUBIN TOTAL	0.57	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.18	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.39	mg/dl	0.00 - 0.70
TOTAL PROTEIN	<b>5.8</b>	gm/dl	6.6 - 8.3
ALBUMIN	<b>3.2</b>	gm/dl	3.4 - 5.2
GLOBULIN	2.6	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.231</b>		
SGOT	24.9	IU/L	5 - 35
SGPT	28.0	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	84.7	U/L	35.0 - 104.0
GAMMA GT	25.3	IU/L	6.0 - 42.0

**LFT INTERPRET****LIPID PROFILE**

TRIGLYCERIDES	79.6	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	156.2	mg/dL	29.0 - 199.0



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<b>Name</b>	<b>Mrs. RANU MISHRA</b>	<b>Age</b>	<b>33 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
H D L CHOLESTEROL DIRECT	41.0	mg/dL	35.1 - 88.0
V L D L	15.92	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	99.28	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.81		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.421		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	0.99	ng/ml	0.60 - 1.81
T4	7.34	ug/dl	4.5 - 10.9
Chemiluminescence			
TSH	4.10	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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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	15	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.020	
PH	6.0	

#### CHEMICAL EXAMINATION

ALBUMIN	NIL
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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
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 \*\*\*\*

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