



भारत सरकार

Government of India



हेमा कुमारी  
Hema Kumari

जन्म तिथि / DOB : 12/11/1994  
महिला / Female



7427 4243 2142

आधार - आम आदमी का अधिकार

HEMA KUMARI

Female 28years

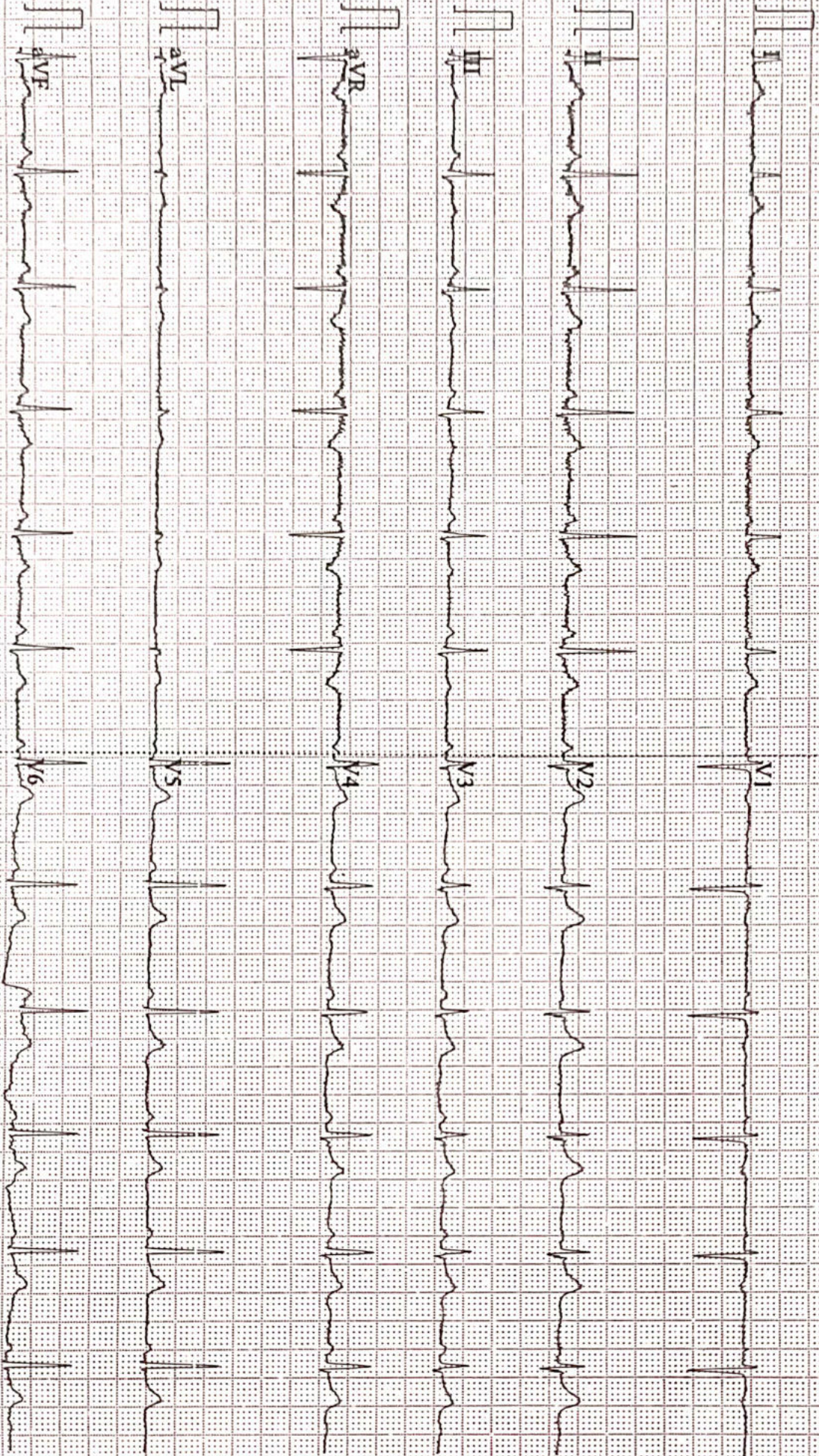
Diagnosis Information:

Sinus Rhythm

\*\*\*Normal ECG\*\*\*

HR : 70 bpm  
P : 93 ms  
PR : 136 ms  
QRS : 85 ms  
QT/QTc : 373/405 ms  
P/QRS/T : 65/57/49 °  
RV5/SV1 : 1.297/0.914 mV

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 :- Ms. Hema Kumari  
Refd by :- BOB

Age/Sex:-28Yrs/F  
Date :-09/12/22

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size (11.6cm) 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** :- Normal in size(7.8cm) 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 9.6cm 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** :- Normal in size (6.4cm x 2.9cm) and anteverted in position with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 25mm x 16mm and Left ovary measures 25mm x 17mm.  
No pelvic (POD) collection is seen.  
No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION**:- *Normal Scan.*

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

**AAROGYAM DIAGNOSTICS**

Patna-20

**Report**

(GEM212170906)(R)Kardic by Allengers

1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg Date: 09-Dec-2022 Technician : ARUN

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:14	0:01	00.0	00.0	01.0	88	46 %	110/70	096	00	
Standing	00:26	0:01	00.0	00.0	01.0	95	49 %	110/70	104	00	
HV	00:34	0:01	00.0	00.0	01.0	092	48 %	110/70	101	00	
Warm Up	00:48	0:01	01.0	00.0	01.0	093	48 %	110/70	102	00	
ExStart	01:29	0:06	01.7	10.0	01.1	132	69 %	110/70	145	00	
BRUCE/ Stage 1	04:29	3:00	01.7	10.0	04.7	148	77 %	115/75	170	00	
BRUCE/ Stage 2	07:29	3:00	02.5	12.0	07.1	177	92 %	120/80	212	00	
PeakEx	08:28	1:00	03.4	14.0	08.1	193	101 %	120/80	231	00	
Recovery	09:27	1:00	01.1	00.0	01.2	176	92 %	115/75	202	00	
Recovery	10:27	2:00	01.1	00.0	01.0	164	85 %	110/70	180	00	
Recovery	11:44	3:16	01.1	00.0	01.0	161	84 %	110/70	177	00	

**Findings :**

Exercise Time : 07:00  
Max HR Attained : 193 bpm 101% of Target 192  
Max BP Attained : (Sys) 120/80  
Max WorkLoad Attained : 8.1 Fair response to induced stress  
Max ST Dep Lead & Value : V4 & -3.6 mm in Recovery mm  
Test End Reasons : Test Complete

**Report :**

**AAROGYAM DIAGNOSTICS**

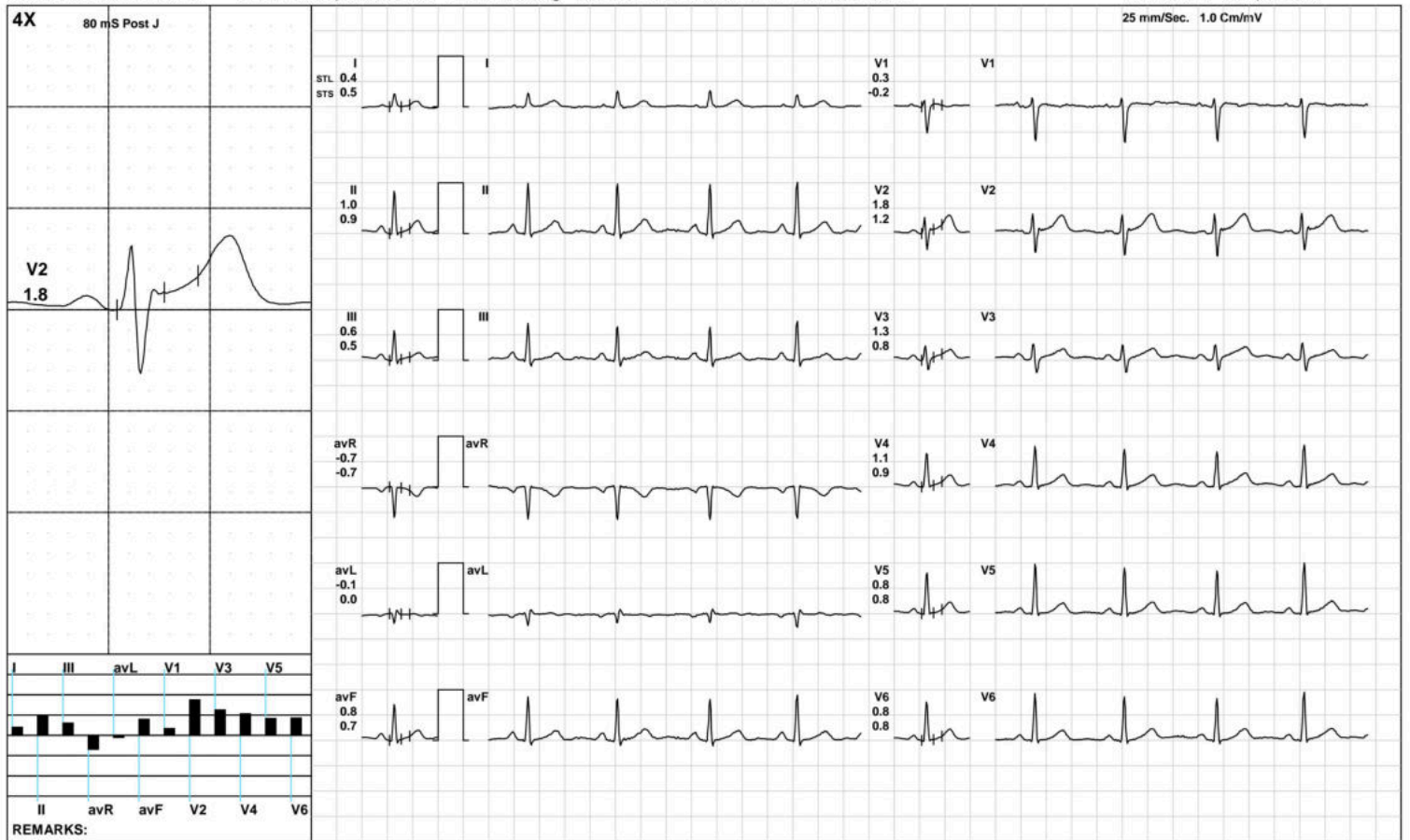
Supine



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 88

Date: 09-Dec-2022 12:41:31 PM METS: 1.0/ 88 bpm 45% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:14 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

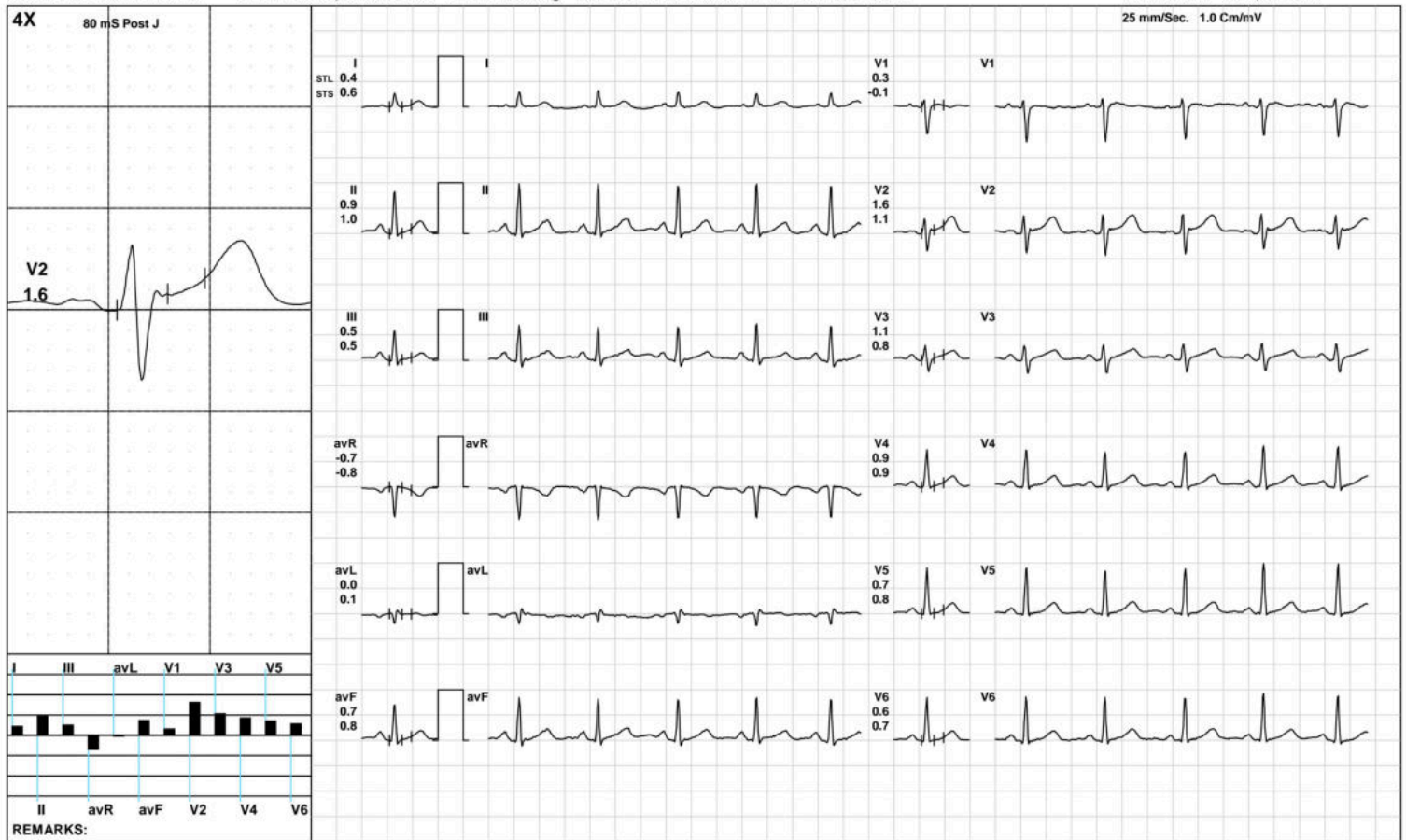
Standing



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 95

Date: 09-Dec-2022 12:41:31 PM METS: 1.0/ 95 bpm 49% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:26 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

HV



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 92

Date: 09-Dec-2022 12:41:31 PM METS: 1.0/ 92 bpm 47% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:34 0.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

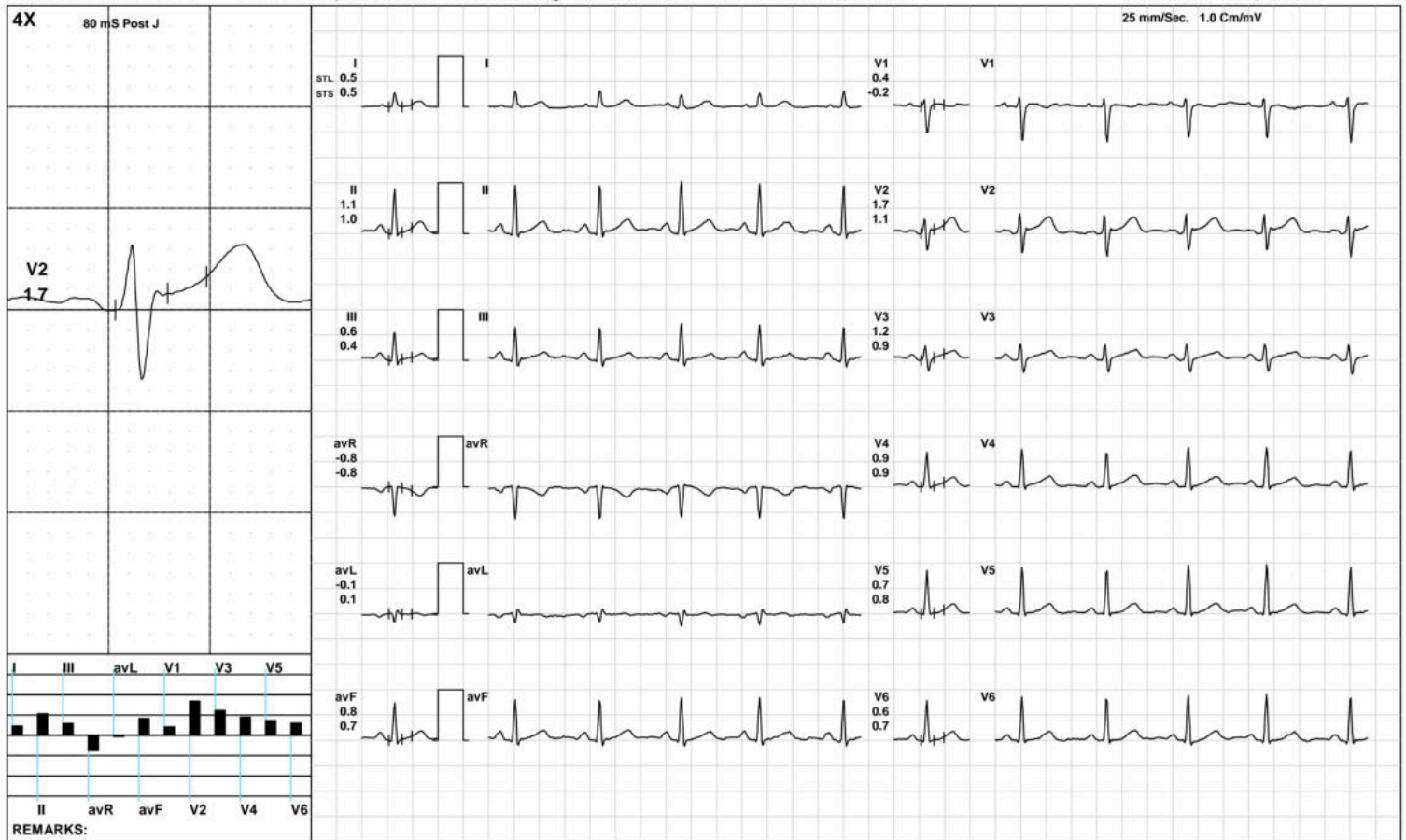
Warm Up



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 93

Date: 09-Dec-2022 12:41:31 PM METS: 1.0/ 93 bpm 48% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:48 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

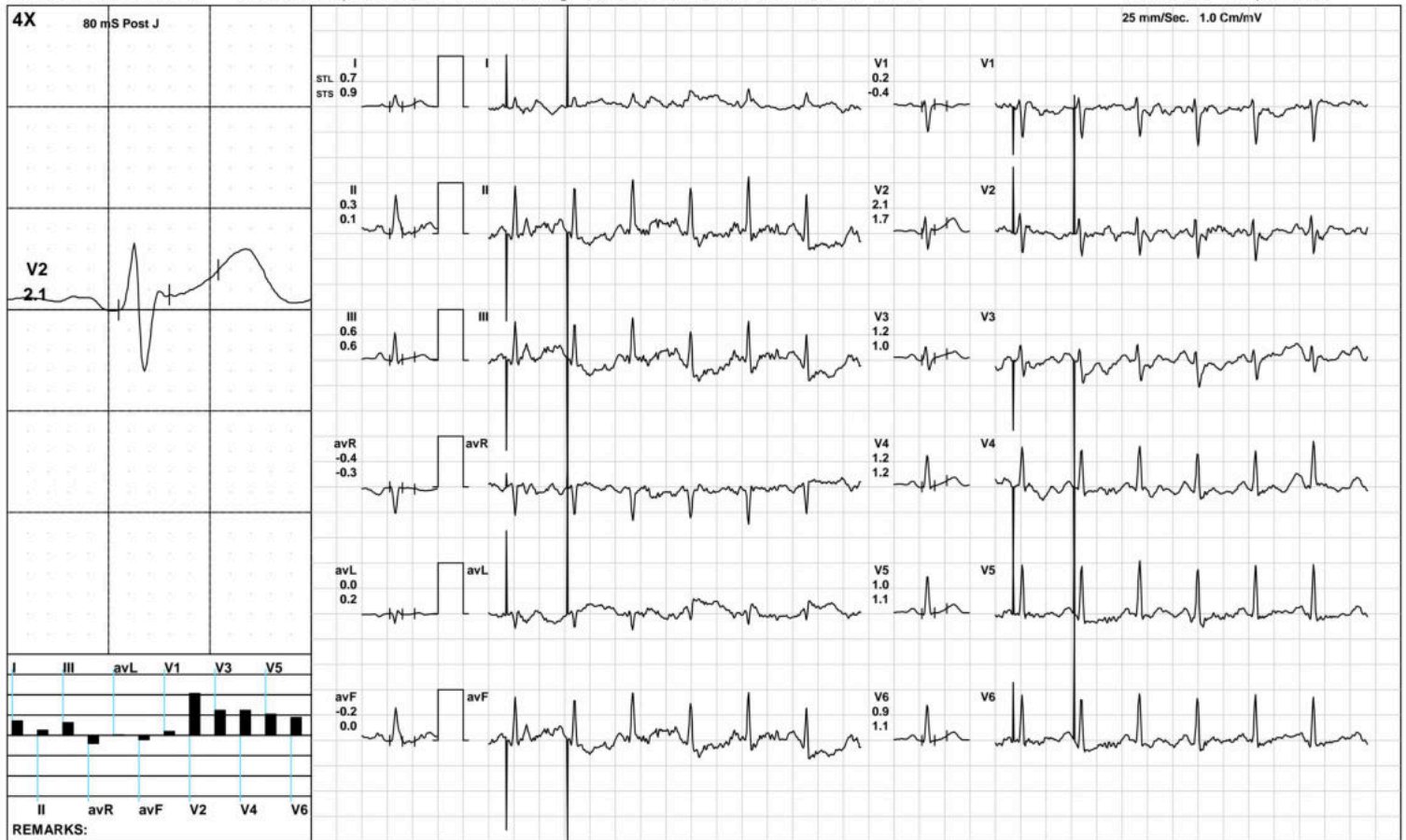
ExStart



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 132

Date: 09-Dec-2022 12:41:31 PM METS: 1.1/ 132 bpm 68% 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%



**AAROGYAM DIAGNOSTICS**

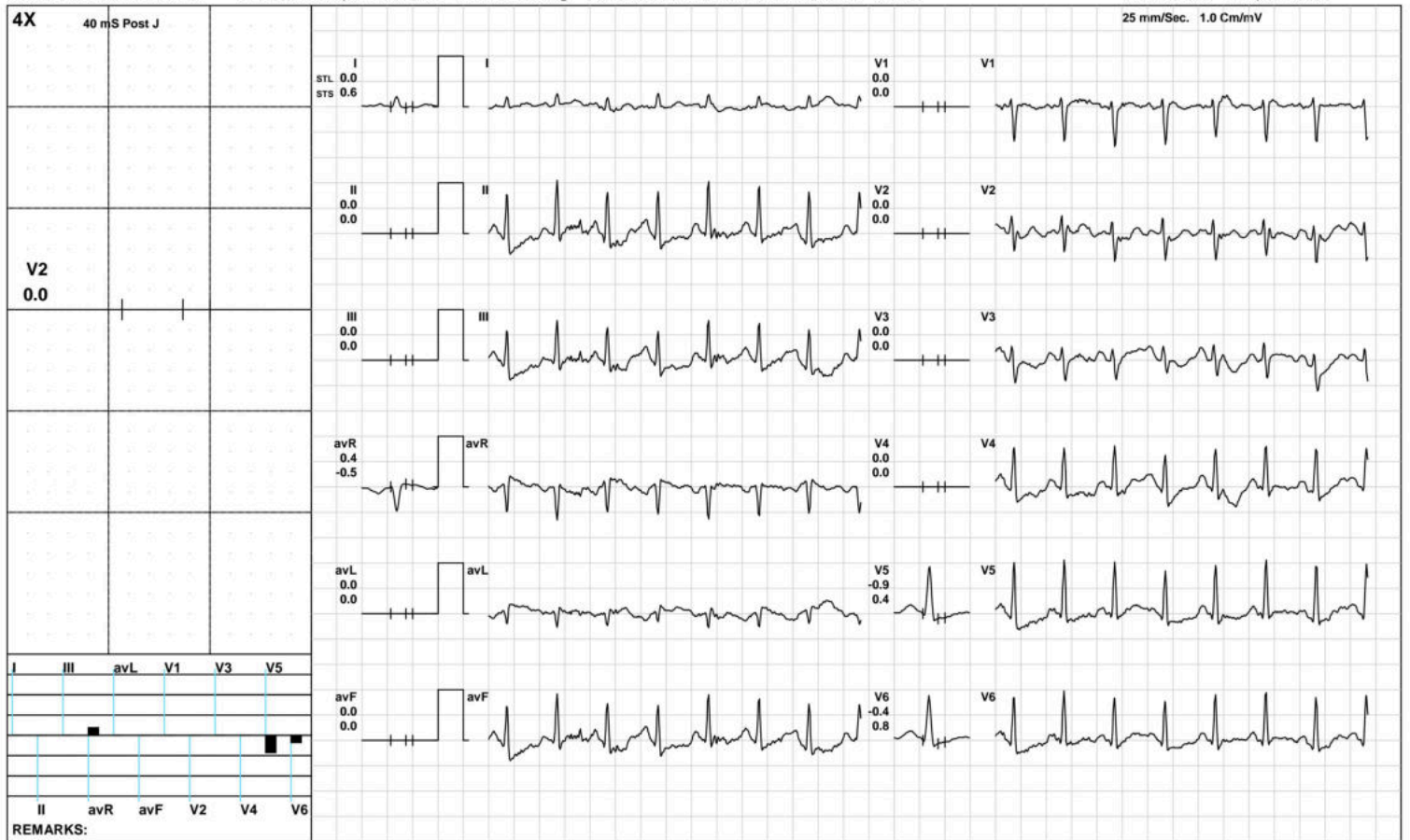
**BRUCE:/Stage 1(3:00)**



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 148

Date: 09-Dec-2022 12:41:31 PM METS: 4.7/ 148 bpm 77% 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%



**AAROGYAM DIAGNOSTICS**

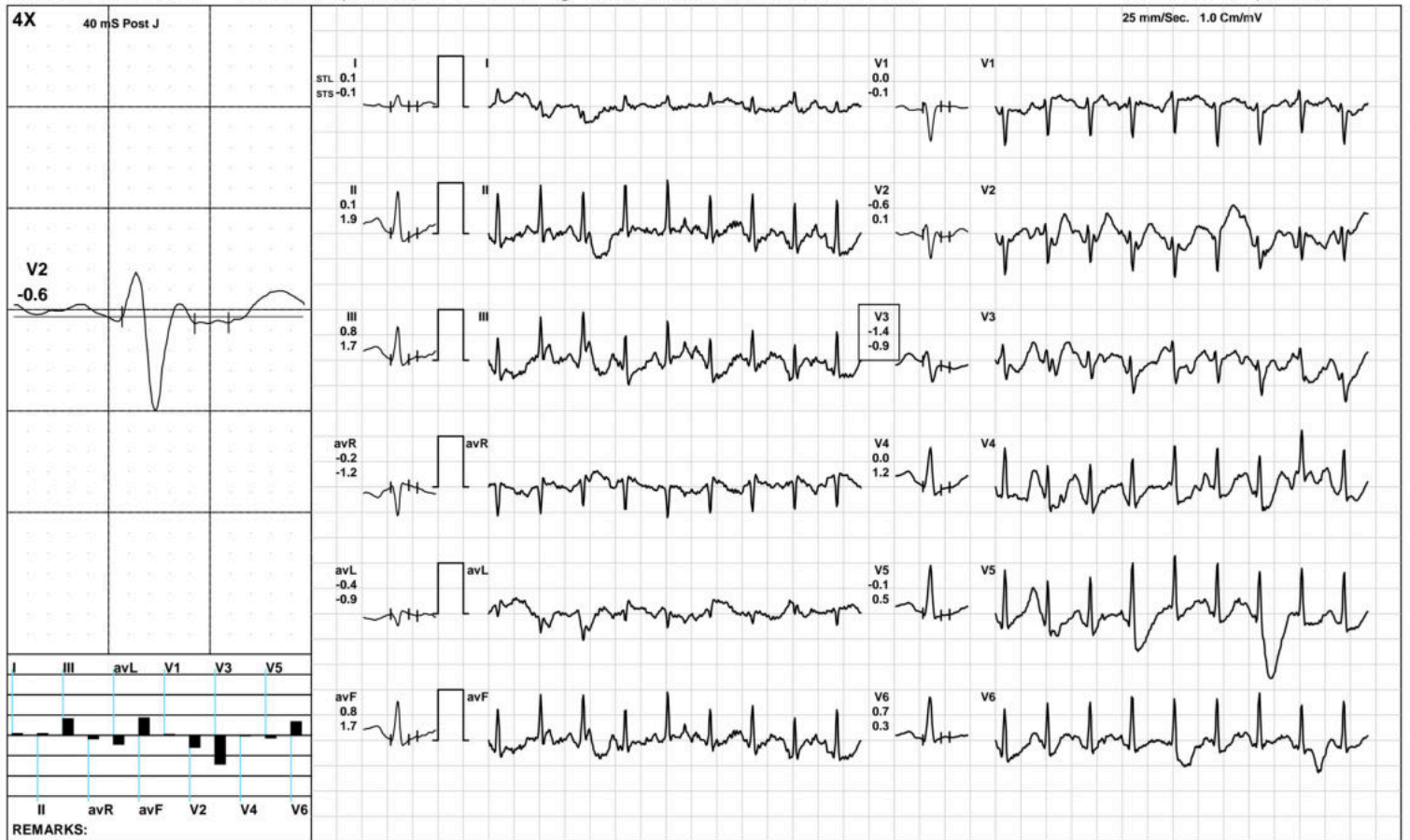
**BRUCE:/Stage 2(3:00)**



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 177

Date: 09-Dec-2022 12:41:31 PM METS: 7.1/ 177 bpm 92% 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%



**AAROGYAM DIAGNOSTICS**

PeakEx



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 193

Date: 09-Dec-2022 12:41:31 PM METS: 8.1/ 193 bpm 100% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:59 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

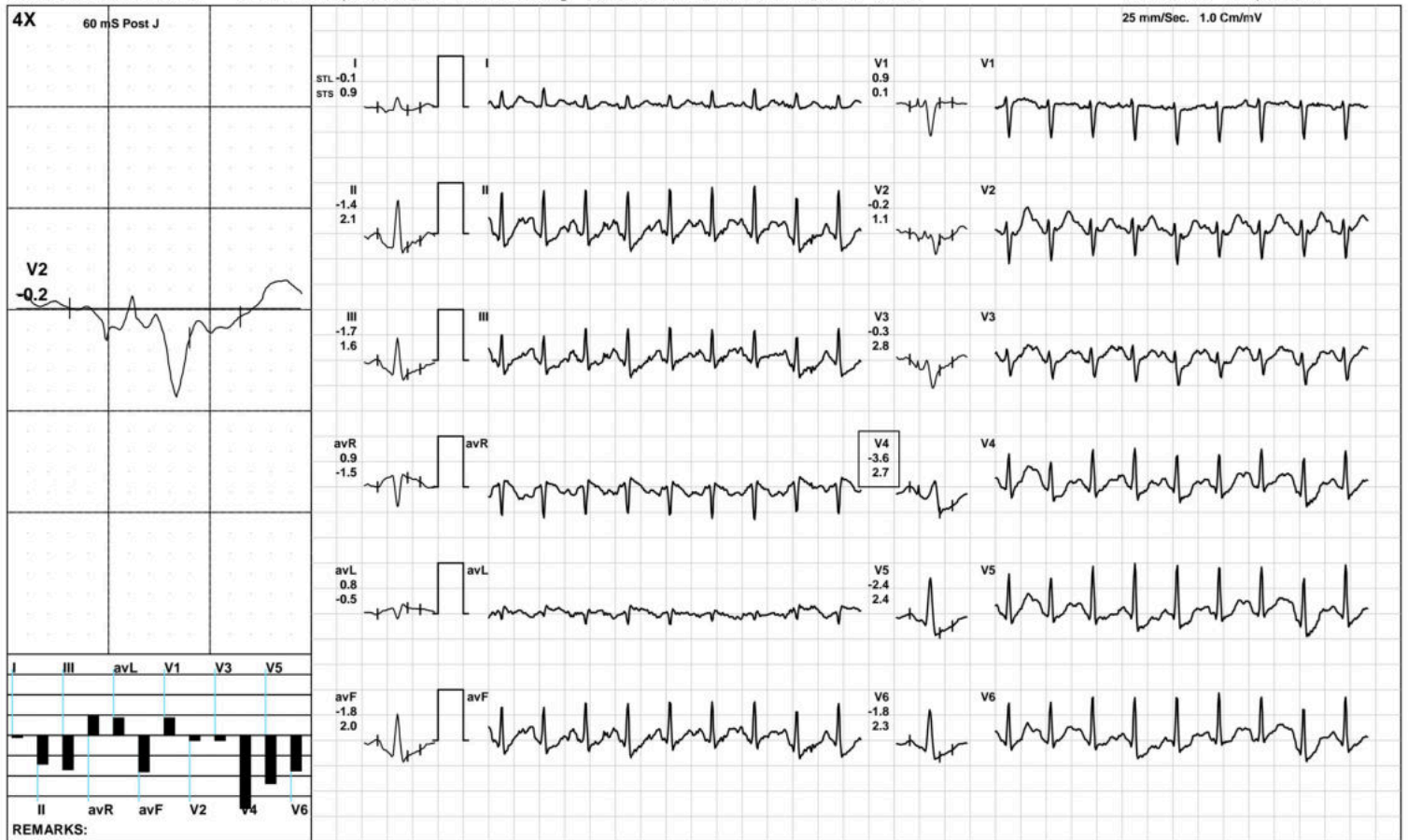
Recovery(1:00)



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 176

Date: 09-Dec-2022 12:41:31 PM METS: 1.2/ 176 bpm 91% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:00 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

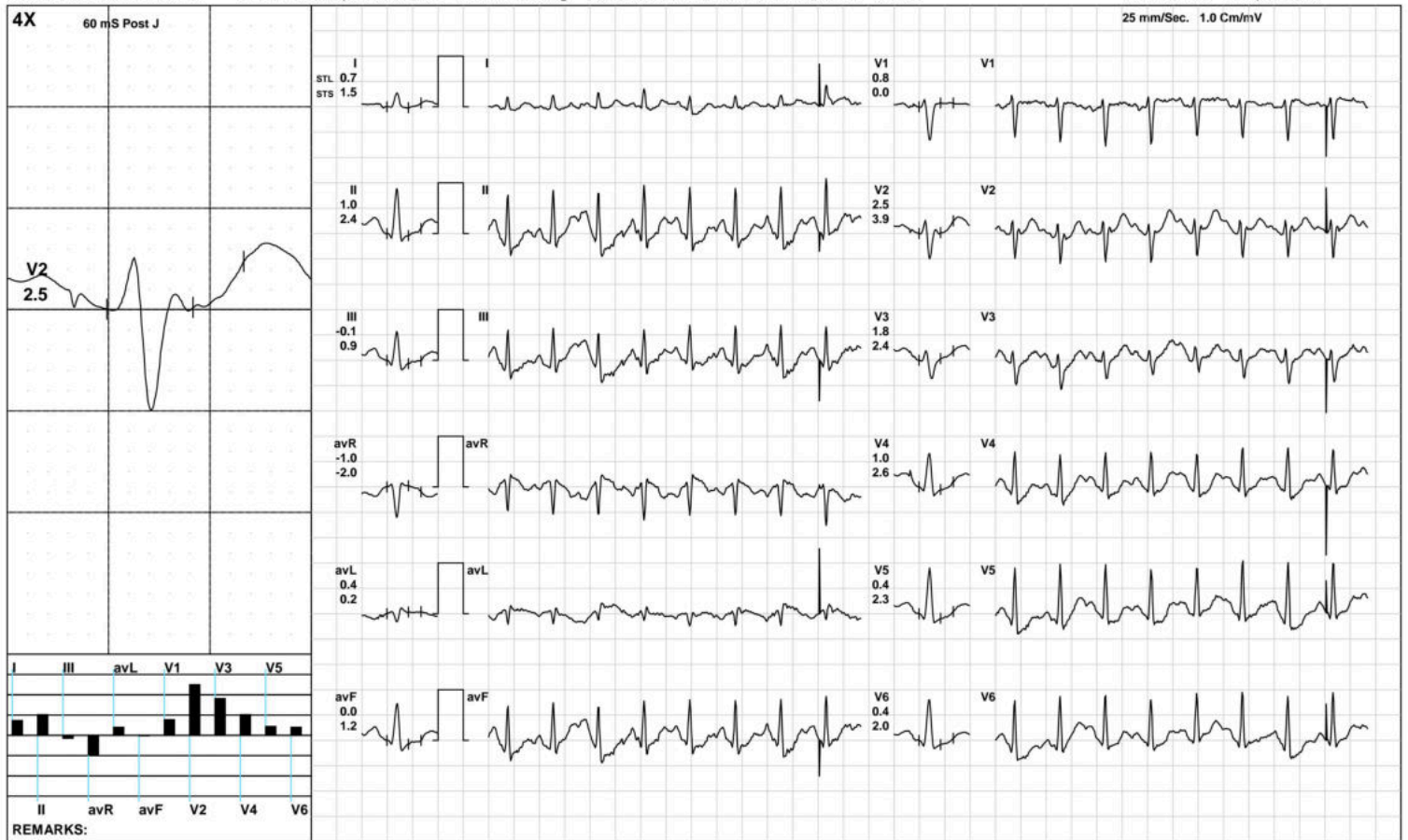
Recovery(2:00)



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 164

Date: 09-Dec-2022 12:41:31 PM METS: 1.0/ 164 bpm 85% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

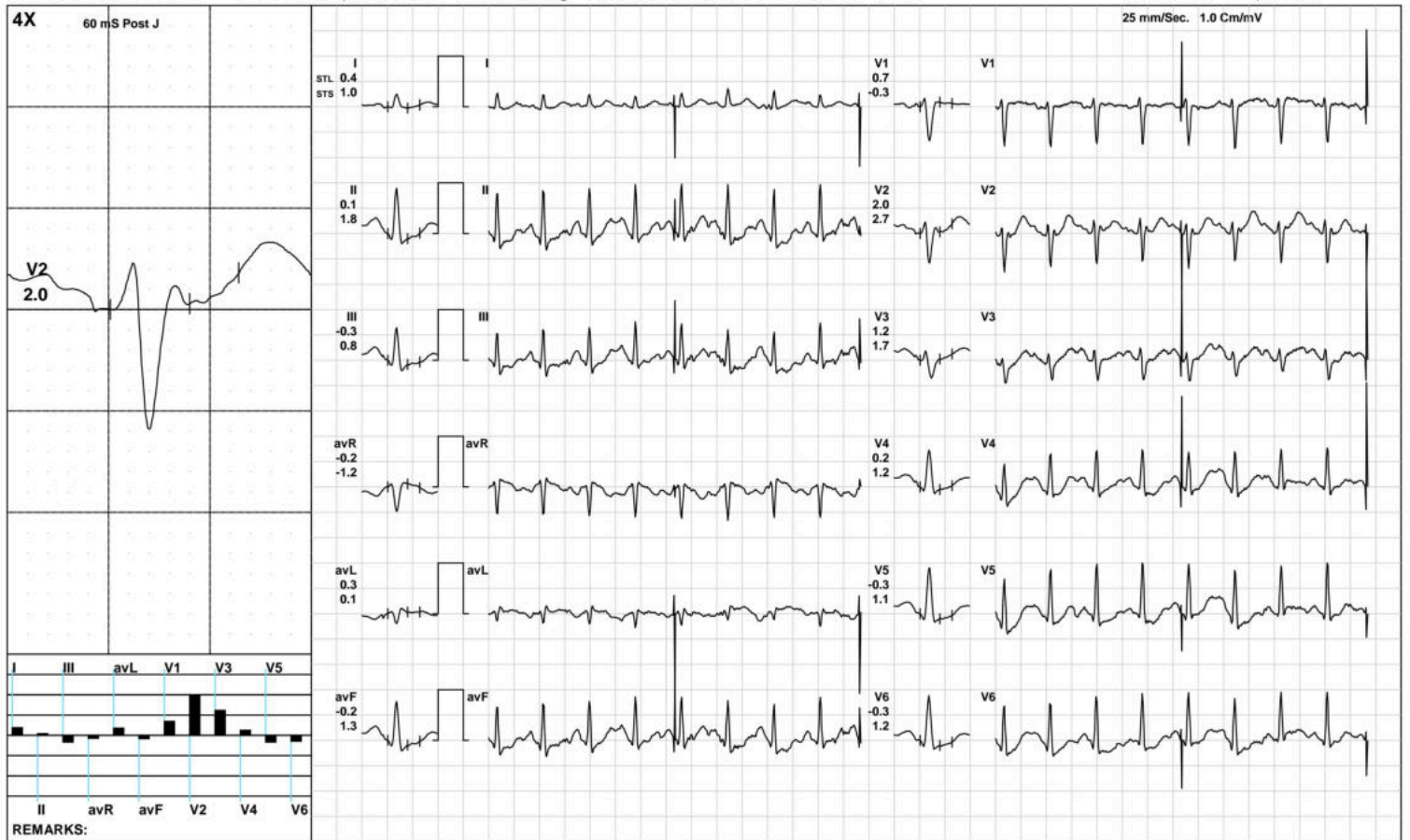
Recovery(3:16)



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 161

Date: 09-Dec-2022 12:41:31 PM METS: 1.0/ 161 bpm 83% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:00 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1637 / MRS.HEMA KUMARI / 28 Yrs / F / 152 Cms / 47 Kg / HR : 96

Date: 09-Dec-2022 12:41:31 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	0.4	1.0	0.6	-0.7	-0.1	0.8	0.3	1.8	1.3	1.1	0.8	0.8	0.5	0.9	0.5	-0.7	0.0	0.7	-0.2	1.2	0.8	0.9	0.8	0.8	
60 @mS Standing	0.4	0.9	0.5	-0.7	0.0	0.7	0.3	1.6	1.1	0.9	0.7	0.6	0.6	1.0	0.5	-0.8	0.1	0.8	-0.1	1.1	0.8	0.9	0.8	0.7	
HV	0.3	0.8	0.5	-0.6	-0.1	0.7	0.4	1.6	1.2	0.9	0.6	0.5	0.4	1.0	0.5	-0.7	0.0	0.7	-0.1	1.1	0.8	0.8	0.7	0.6	
Warm Up	0.5	1.1	0.6	-0.8	-0.1	0.8	0.4	1.7	1.2	0.9	0.7	0.6	0.5	1.0	0.4	-0.8	0.1	0.7	-0.2	1.1	0.9	0.9	0.8	0.7	
ExStart	0.7	0.3	0.6	-0.4	0.0	-0.2	0.2	2.1	1.2	1.2	1.0	0.9	0.9	0.1	0.6	-0.3	0.2	0.0	-0.4	1.7	1.0	1.2	1.1	1.1	
Stage 1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	-0.4	0.6	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	
Stage 2	0.1	0.1	0.8	-0.2	-0.4	0.8	0.0	-0.6	-1.4	0.0	-0.1	0.7	-0.1	1.9	1.7	-1.2	-0.9	1.7	-0.1	0.1	-0.9	1.2	0.5	0.3	
PeakEx	0.0	-0.4	-0.5	0.2	0.3	-0.5	0.2	0.4	-0.1	-1.1	-1.1	-0.9	-0.1	1.7	0.9	-1.3	0.1	1.3	-0.2	2.1	2.1	2.4	1.8	1.2	
Recovery	-0.1	-1.4	-1.7	0.9	0.8	-1.8	0.9	-0.2	-0.3	-3.6	-2.4	-1.8	0.9	2.1	1.6	-1.5	-0.5	2.0	0.1	1.1	2.8	2.7	2.4	2.3	
Recovery	0.7	1.0	-0.1	-1.0	0.4	0.0	0.8	2.5	1.8	1.0	0.4	0.4	1.5	2.4	0.9	-2.0	0.2	1.2	0.0	3.9	2.4	2.6	2.3	2.0	
Recovery	0.4	0.1	-0.3	-0.2	0.3	-0.2	0.7	2.0	1.2	0.2	-0.3	-0.3	1.0	1.8	0.8	-1.2	0.1	1.3	-0.3	2.7	1.7	1.2	1.1	1.2	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	4.0	9.7	5.7	-7.0	-0.8	7.7	2.4	16.2	10.3	9.8	8.2	8.2
Standing	3.7	8.0	4.3	-5.9	-0.3	6.1	2.1	13.6	8.3	7.1	6.2	5.1
HV	3.2	6.8	3.7	-5.2	-0.3	5.5	3.2	13.3	8.7	7.3	5.4	4.4
Warm Up	3.6	8.2	4.4	-5.8	-0.4	6.3	3.2	13.4	8.9	6.8	5.8	5.0
ExStart	3.3	1.3	3.9	-2.4	-0.4	-1.6	2.6	12.1	7.8	6.9	5.5	4.3
Stage 1	-0.1	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	-1.6
Stage 2	0.5	-1.3	1.6	0.3	-0.9	1.8	0.3	-2.3	-4.8	-1.0	-1.1	2.5
PeakEx	0.3	-6.4	-5.4	3.7	2.3	-5.9	2.6	-1.5	-3.4	-9.9	-9.4	-6.4
Recovery	-3.0	-11.0	-13.4	9.2	6.1	-15.0	5.1	-4.8	-6.9	-26.3	-18.6	-15.2
Recovery	0.9	1.0	-1.8	-1.2	1.8	-2.1	4.4	5.2	5.1	-0.5	-3.0	-2.5
Recovery	0.1	-3.3	-3.8	2.0	1.9	-3.8	4.5	5.2	3.8	-1.3	-4.6	-4.6





Patna-20

1637 / MRS.HEMA KUMARI / 28 Yrs / Female / 152 Cm / 47 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 (Counts)	Missed Beats (Counts)
00:30	92	234	72	70	441	188	958	-642	330	-5	avL	-15	0.00	0	0
01:00	123	186	48	71	386	160	917	-623	301	186	avF	-45	0.00	0	0
01:30	137	176	54	71	370	160	878	-604	301	67	avF	-43	0.00	0	0
02:00	139	176	54	71	372	160	878	-604	301	67	avF	-43	0.00	0	0
02:30	149	168	-162	90	87	160	107	-604	775	0	V6	0	0.00	0	0
03:00	149	134	-166	90	60	-115	106	-550	-550	0	V6	0	0.00	0	0
03:30	152	162	-166	90	60	-108	88	-541	-541	0	V6	0	0.00	0	0
04:00	156	154	100	0	256	-126	916	-551	-551	-149	V5	-72	0.00	0	0
04:30	159	150	54	0	269	280	916	-761	192	-208	V5	-138	0.00	0	0
05:00	169	136	44	69	178	-409	937	-698	-281	-258	II	-193	0.00	0	0
05:30	171	88	44	75	140	245	976	-748	-290	-212	III	-189	0.00	0	0
06:00	179	120	46	73	160	259	889	-708	-301	-278	V4	-216	0.00	0	0
06:30	172	116	66	74	262	340	820	-699	229	-234	II	-198	0.00	0	0
07:00	174	126	54	66	164	243	902	-660	-176	-179	V3	-132	0.00	0	0
07:30	182	116	70	66	220	243	906	-660	-315	-272	V4	-278	0.00	0	0
08:00	187	114	54	53	182	335	943	-692	-312	-361	V4	-191	0.00	0	0
08:30	182	112	46	66	138	236	819	-678	-321	-224	V6	-179	0.00	0	0
09:00	179	108	68	62	187	-447	902	-552	-353	197	V4	-256	0.00	0	0
09:30	171	116	54	90	317	425	888	-587	888	-282	V6	-209	0.00	0	0
10:00	165	136	46	60	314	555	871	-608	309	185	V5	-122	0.00	0	0
10:30	162	112	114	15	306	387	823	-609	379	-143	V6	-18	0.00	0	0
11:00	162	70	94	64	303	538	920	-618	341	-169	II	-75	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,  
Near Malahi Pakari Chowk, Kankarbagh, Patna – 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

<b>Date</b>	<b>09/12/2022</b>	<b>Srl No.</b>	<b>6</b>	<b>Patient Id</b>	<b>2212090006</b>
<b>Name</b>	<b>Mrs. HEMA KUMARI</b>	<b>Age</b>	<b>28 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	5.3	%	

**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

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

<b>Date</b>	<b>09/12/2022</b>	<b>Srl No. 6</b>	<b>Patient Id 2212090006</b>
<b>Name</b>	<b>Mrs. HEMA KUMARI</b>	<b>Age 28 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.0	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	5,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	61	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN' s METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	4.01	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	37.1	%	35 - 45
M C V	92.52	fl.	80 - 100
M C H	29.93	Picogram	27.0 - 31.0
M C H C	<b>32.3</b>	gm/dl	33 - 37
PLATELET COUNT	2.15	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	96.2	mg/dl	70 - 110
SERUM CREATININE	0.82	mg%	0.5 - 1.3
BLOOD UREA	19.0	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.1	mg%	2.5 - 6.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



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

<b>Date</b>	<b>09/12/2022</b>	<b>Srl No. 6</b>	<b>Patient Id 2212090006</b>
<b>Name</b>	<b>Mrs. HEMA KUMARI</b>	<b>Age 28 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.61	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.21	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.4	mg/dl	0.00 - 0.70
TOTAL PROTEIN	<b>6.2</b>	gm/dl	6.6 - 8.3
ALBUMIN	3.6	gm/dl	3.4 - 5.2
GLOBULIN	2.6	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.385</b>		
SGOT	23.5	IU/L	5 - 35
SGPT	26.9	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	89.8	U/L	35.0 - 104.0
GAMMA GT	26.3	IU/L	6.0 - 42.0

### LFT INTERPRET

### LIPID PROFILE

TRIGLYCERIDES	96.6	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	186.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	53.4	mg/dL	35.1 - 88.0
V L D L	19.32	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	113.38	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.485		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.123		0.00 - 3.55
THYROID PROFILE			
T3	0.96	ng/ml	0.60 - 1.81



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

<b>Date</b>	<b>09/12/2022</b>	<b>Srl No. 6</b>	<b>Patient Id 2212090006</b>
<b>Name</b>	<b>Mrs. HEMA KUMARI</b>	<b>Age 28 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
T4 Chemiluminescence	7.341	ug/dl	4.5 - 10.9
TSH Chemiluminescence	2.183	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.

QUANTITY	20	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.015	
PH	6.5	
ALBUMIN	NIL	
SUGAR	NIL	



<b>Date</b>	<b>09/12/2022</b>	<b>Srl No. 6</b>	<b>Patient Id 2212090006</b>
<b>Name</b>	<b>Mrs. HEMA KUMARI</b>	<b>Age 28 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

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

#### MICROSCOPIC EXAMINATION

PUS CELLS	2-3	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	1-2	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

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 \*\*\*\*

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