



भारत सरकार

Government of India



नीलम सिन्हा

Neelam Sinha

जन्म तिथि/DOB: 26/03/1984

महिला/ FEMALE

Mobile No: 9167536603\*

**8868 0841 5019**

VID : 9156 0749 3681 4483

मेरा आधार, मेरी पहचान



ID: 135  
NEELAM SINHA  
Female 40Y ears

22-06-2024 08:45:25 AM

HR : 69 bpm  
P : 97 ms  
PR : 156 ms  
QRS : 77 ms  
QT/QTc : 370/397 ms  
P/QRS/T : 58/42/43 °  
RV5/SV1 : 1.032/0.833 mV

Diagnosis Information:  
Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

DR. RAJMAN  
MBBS, MD  
Ref-Phys No. -33940  
Report Confirmed by:



67~100Hz AC50 25mm/s 10mm/mV 25.0s V69 V2.2 SEMIP V1.81 DAIGNOSTIC

Patient Name	NEELAM SINHA	Date	22-06-2024
Age/Sex	40/F	Ref. Dr.	CORPORATE

## CHEST X-ray(PA)

### FINDINGS:

Normal bronchovascular markings in bilateral lung fields

Bilateral hila are normal.

Trachea appears normal.

Visualized bones are grossly normal.

Cardiac shadow is within normal limits

Bilateral costophrenic angles are clear.

### Impression :

- *No significant abnormality detected.*



*Dr. Sandip Maheshwari*

*MD Radio diagnosis*



**AAROGYAM DIAGNOSTICS**  
**PATNA**

**Report**



(GEM212170906)(R)Kardic by Allengers

2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg Date: 22-Jun-2024 Technician : RESHMA ALI

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:05	0:01	00.0	00.0	01.0	82	46 %	110/70	090	00	
Standing	00:12	0:01	00.0	00.0	01.0	80	44 %	110/70	088	00	
HV	00:21	0:01	00.0	00.0	01.0	082	46 %	110/70	090	00	
Warm Up	00:31	0:01	01.0	00.0	01.0	081	45 %	110/70	089	00	
ExStart	00:45	0:06	01.7	10.0	01.1	093	52 %	110/70	102	00	
BRUCE/ Stage 1	03:45	3:00	01.7	10.0	04.7	128	71 %	115/75	147	00	
BRUCE/ Stage 2	06:45	3:00	02.5	12.0	07.1	139	77 %	120/80	166	00	
PeakEx	07:45	1:00	03.4	14.0	08.2	160	89 %	120/80	192	00	
Recovery	08:44	1:00	01.1	00.0	01.2	137	76 %	115/75	157	00	
Recovery	09:44	2:00	01.1	00.0	01.0	124	69 %	110/70	136	00	
Recovery	09:55	2:10	01.1	00.0	01.0	121	67 %	110/70	133	00	

**Findings :**

Exercise Time : 07:01  
Max HR Attained : 189 bpm 105% of Target 180  
Max BP Attained : (Sys) 120/80  
Max WorkLoad Attained : 8.2 Fair response to induced stress  
Max ST Dep Lead & Value : II & -1.4 mm in PeakEx mm  
Test End Reasons : Test Complete

**Report :**

**AAROGYAM DIAGNOSTICS**

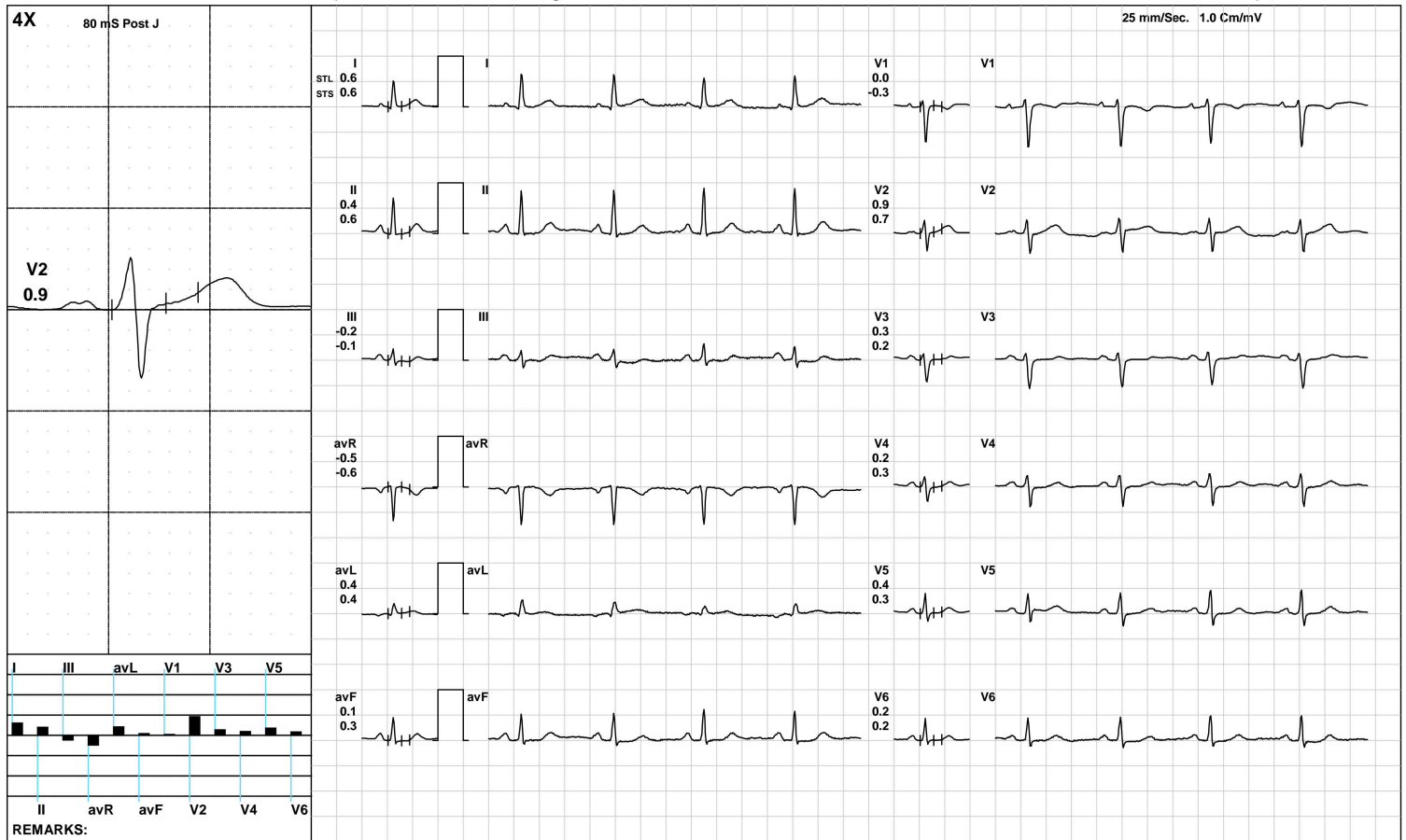
Supine



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 82

Date: 22-Jun-2024 01:49:23 PM METS: 1.0/ 82 bpm 45% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:05 0.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

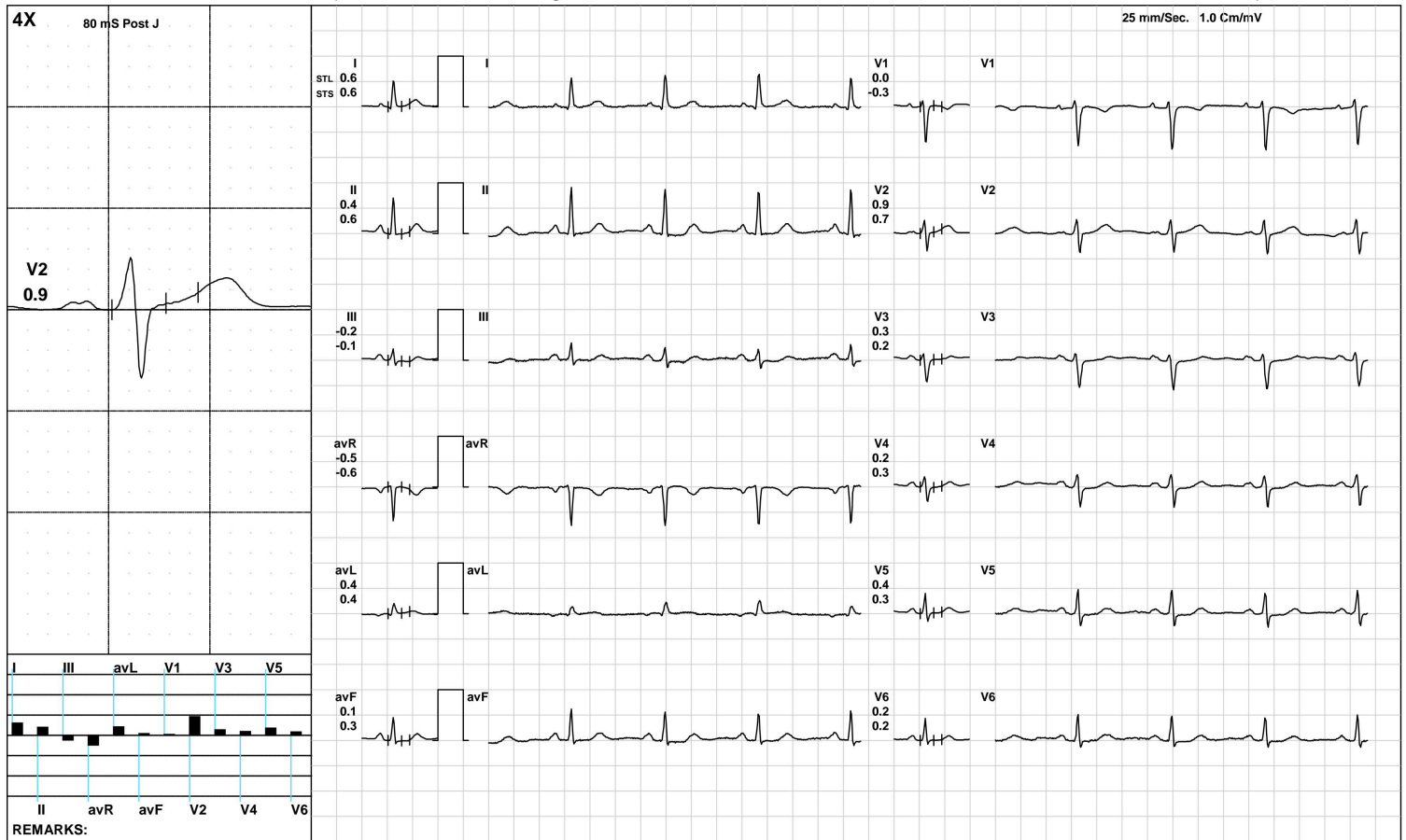
Standing



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 80

Date: 22-Jun-2024 01:49:23 PM METS: 1.0/ 80 bpm 44% of THR BP: 110/70 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

**AAROGYAM DIAGNOSTICS**

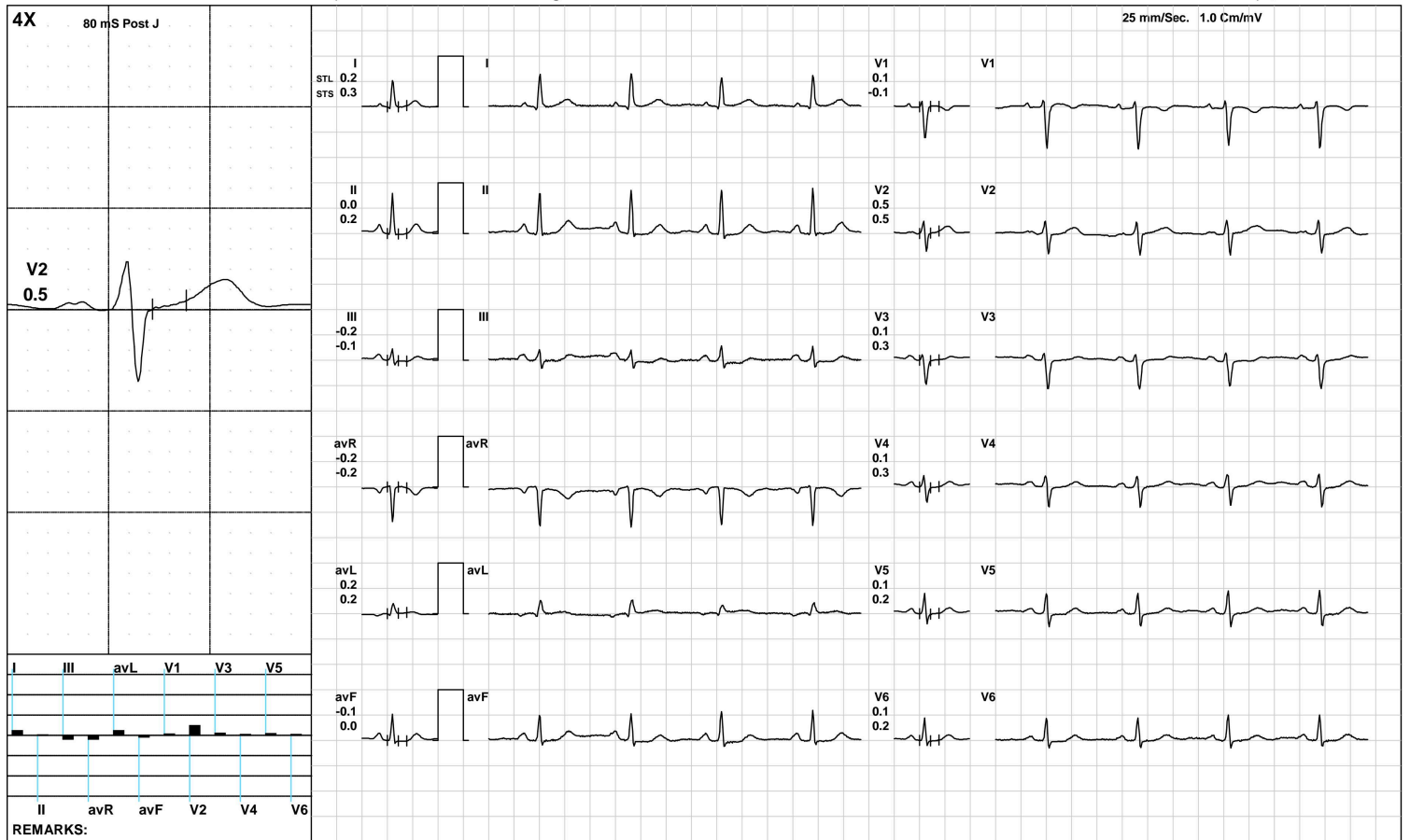
HV



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 82

Date: 22-Jun-2024 01:49:23 PM METS: 1.0/ 82 bpm 45% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:21 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

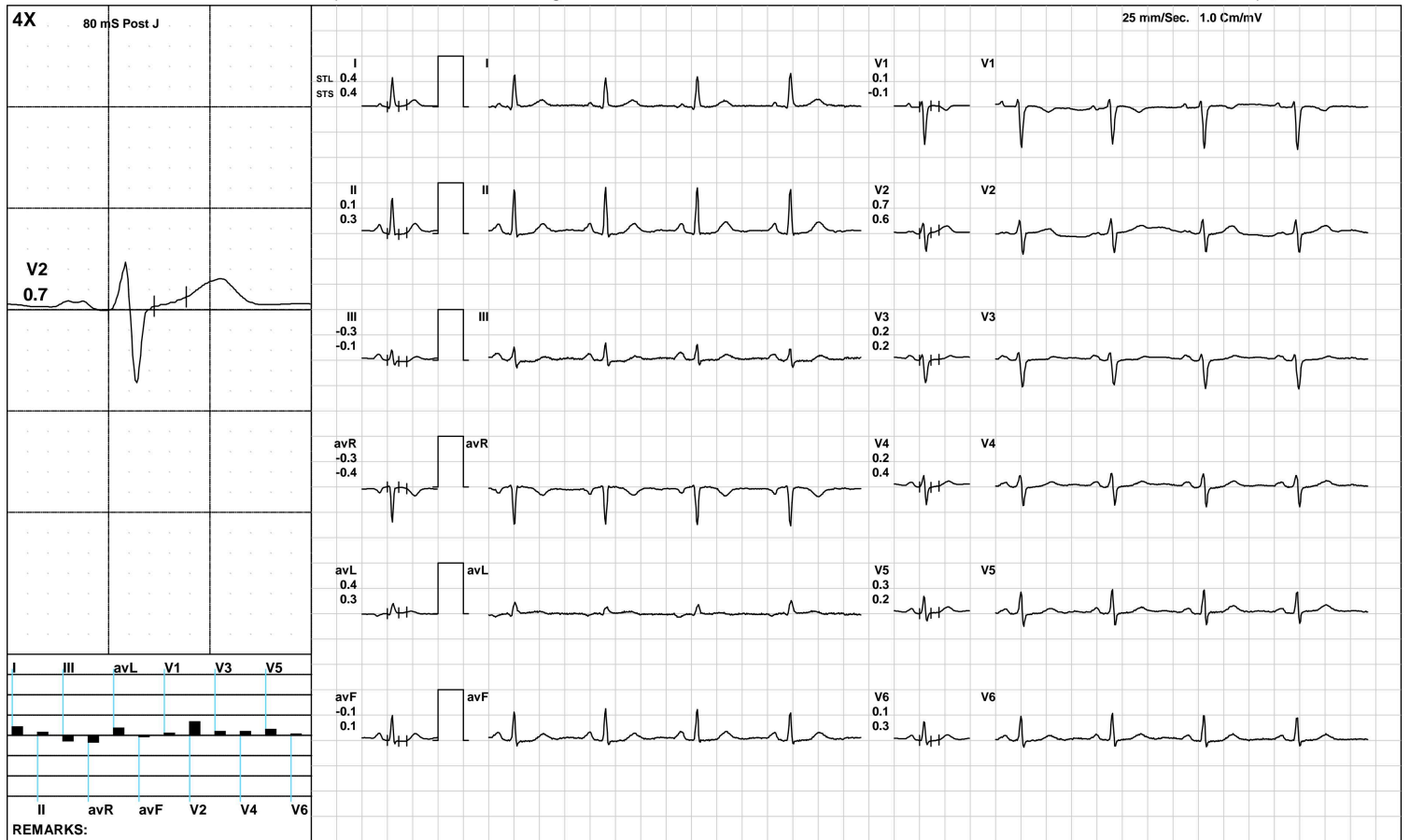
Warm Up



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 81

Date: 22-Jun-2024 01:49:23 PM METS: 1.0/ 81 bpm 45% of THR BP: 110/70 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



**AAROGYAM DIAGNOSTICS**

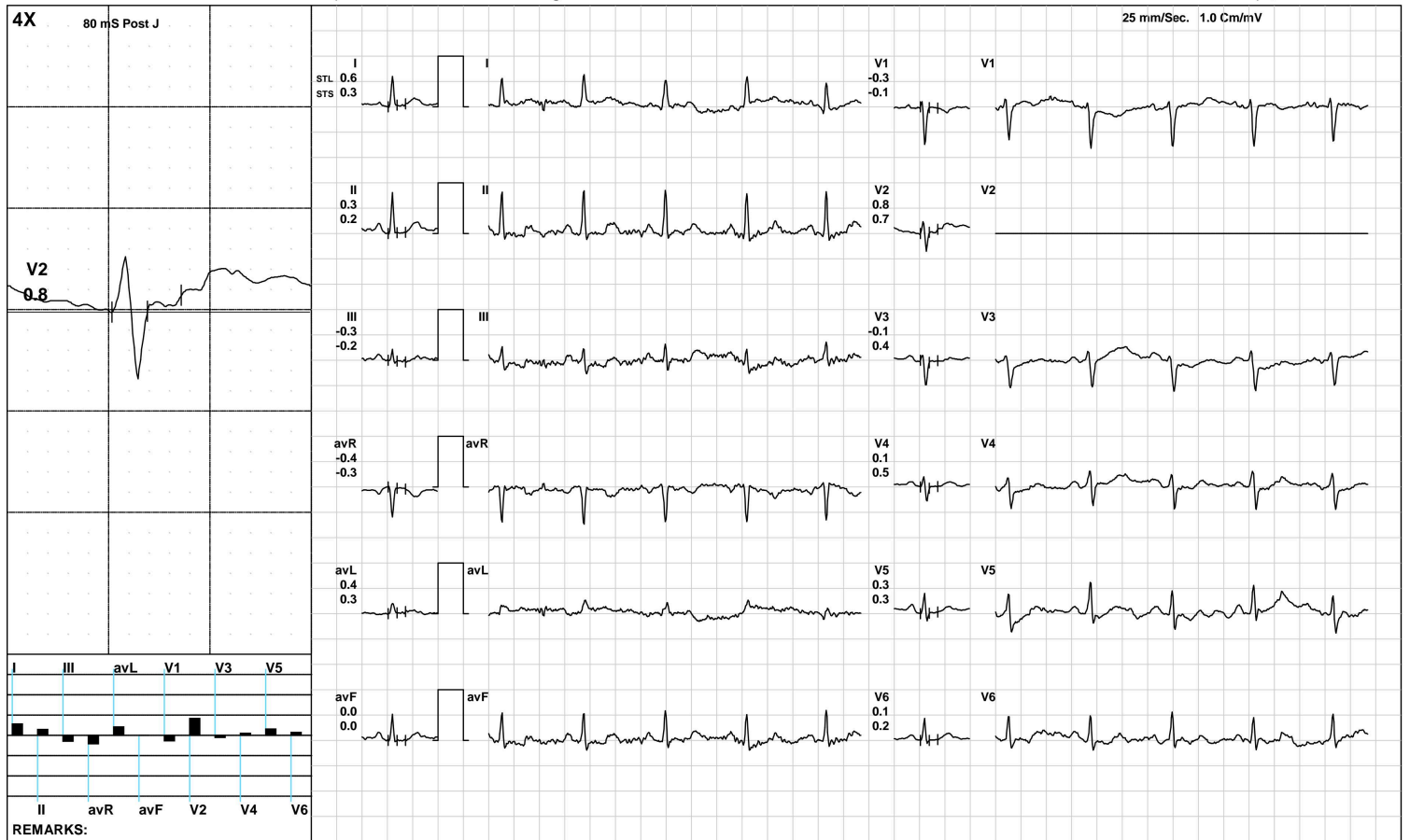
ExStart



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 93

Date: 22-Jun-2024 01:49:23 PM METS: 1.1/ 93 bpm 51% 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**

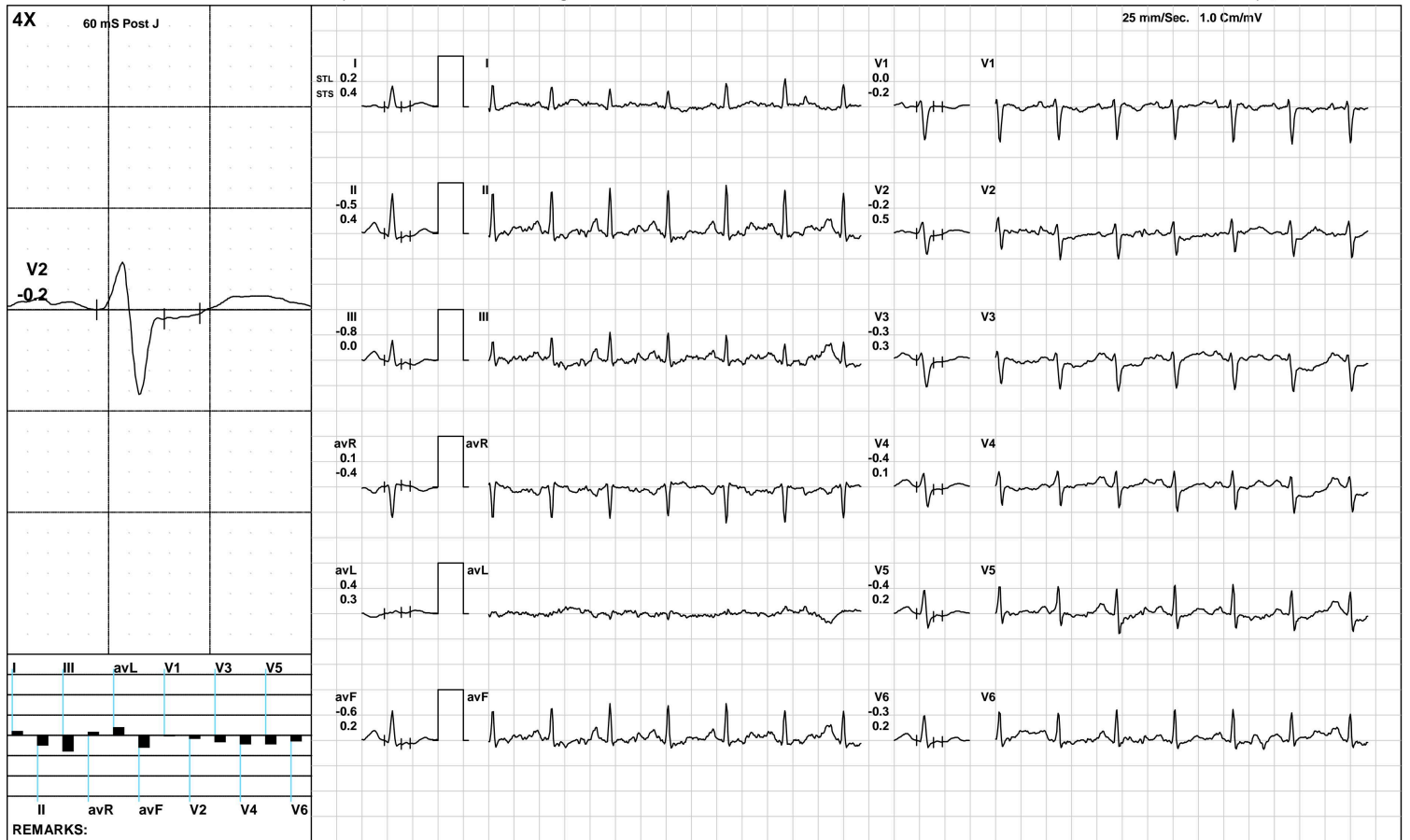
**BRUCE/:Stage 1(3:00)**



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 128

Date: 22-Jun-2024 01:49:23 PM METS: 4.7/ 128 bpm 71% 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**

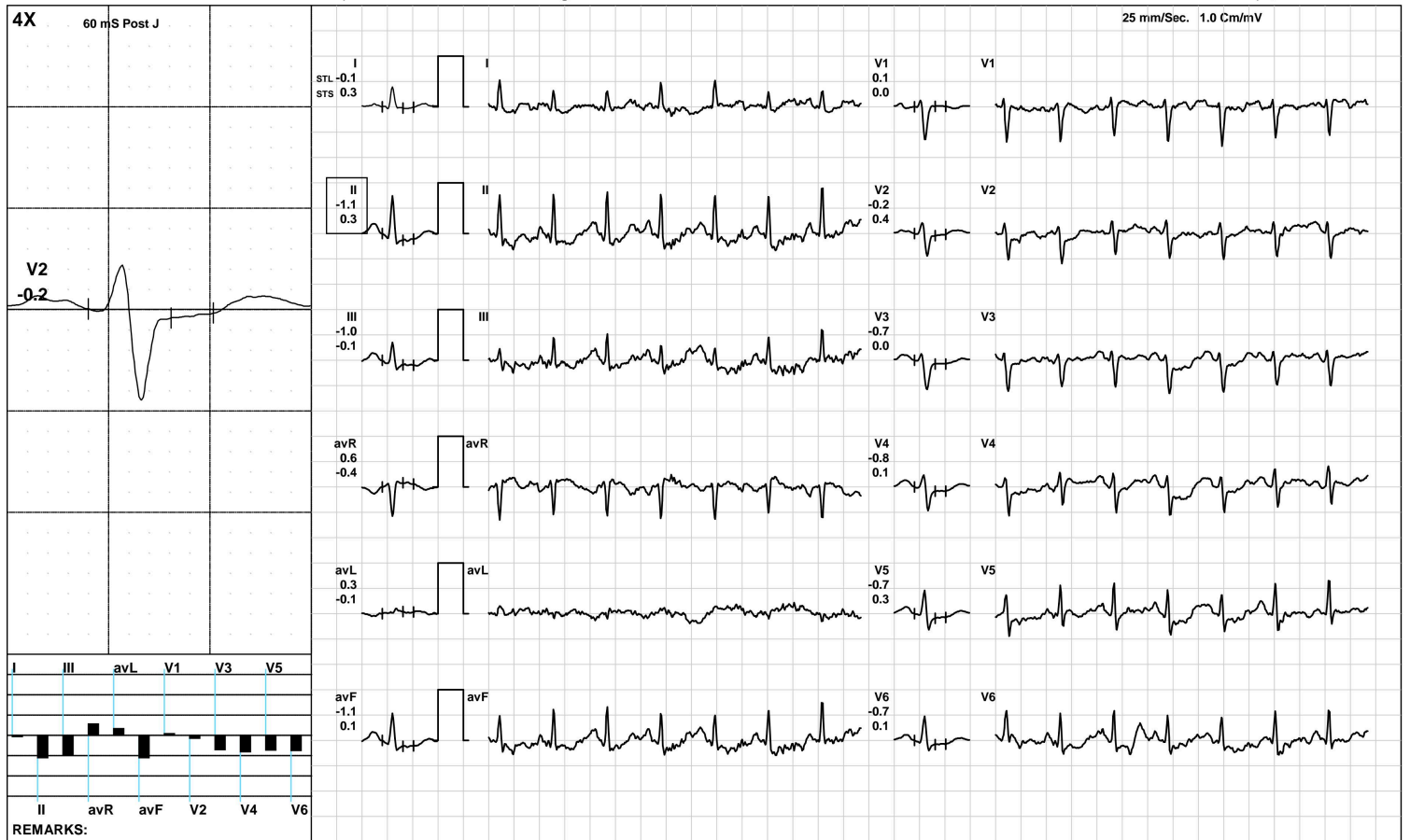
**BRUCE/:Stage 2(3:00)**



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 139

Date: 22-Jun-2024 01:49:23 PM METS: 7.1/ 139 bpm 77% 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**

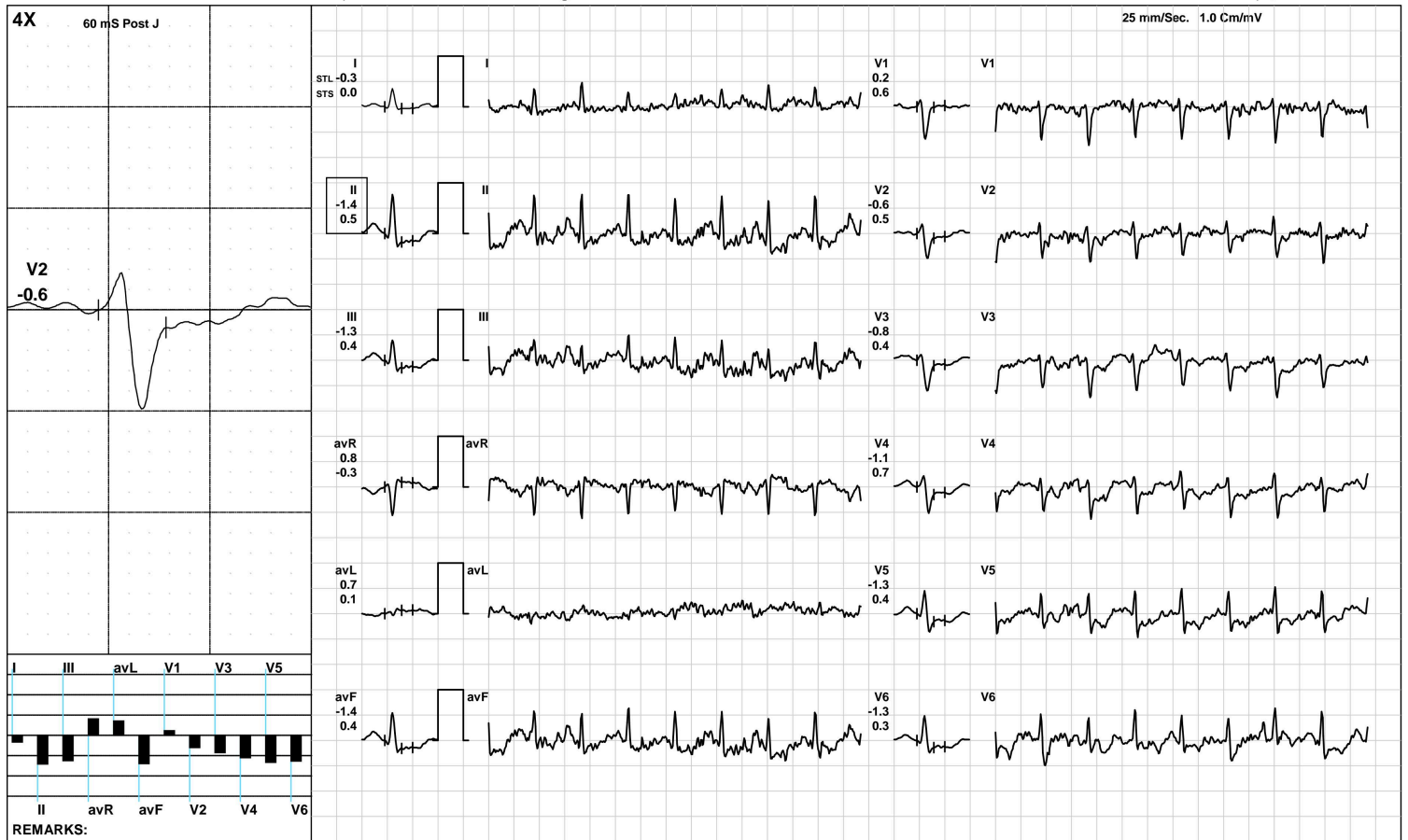
**PeakEx**



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 160

Date: 22-Jun-2024 01:49:23 PM METS: 8.2/ 160 bpm 88% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:00 3.4 mph, 14.0%



**AAROGYAM DIAGNOSTICS**

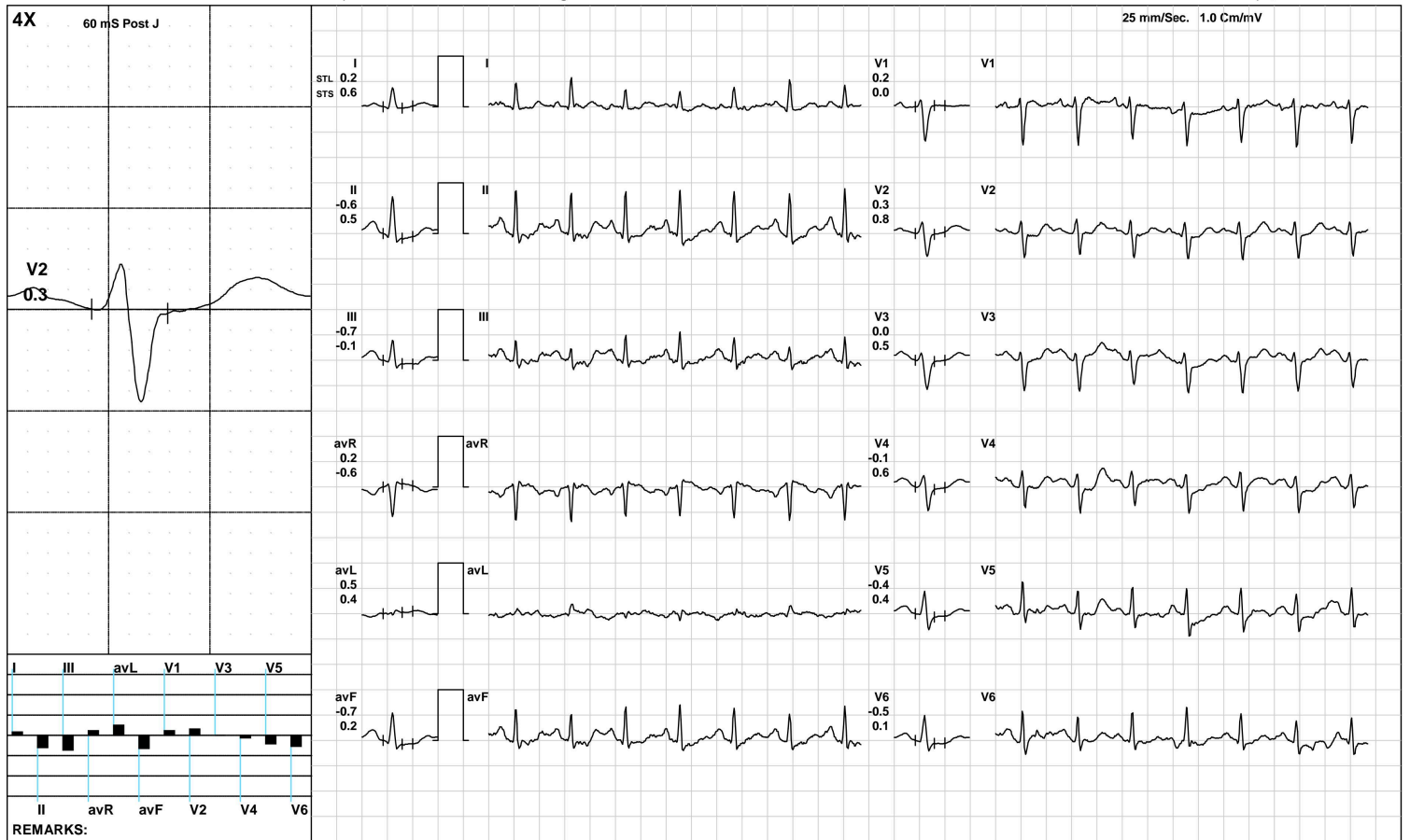
Recovery(1:00)



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 137

Date: 22-Jun-2024 01:49:23 PM METS: 1.2/ 137 bpm 76% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

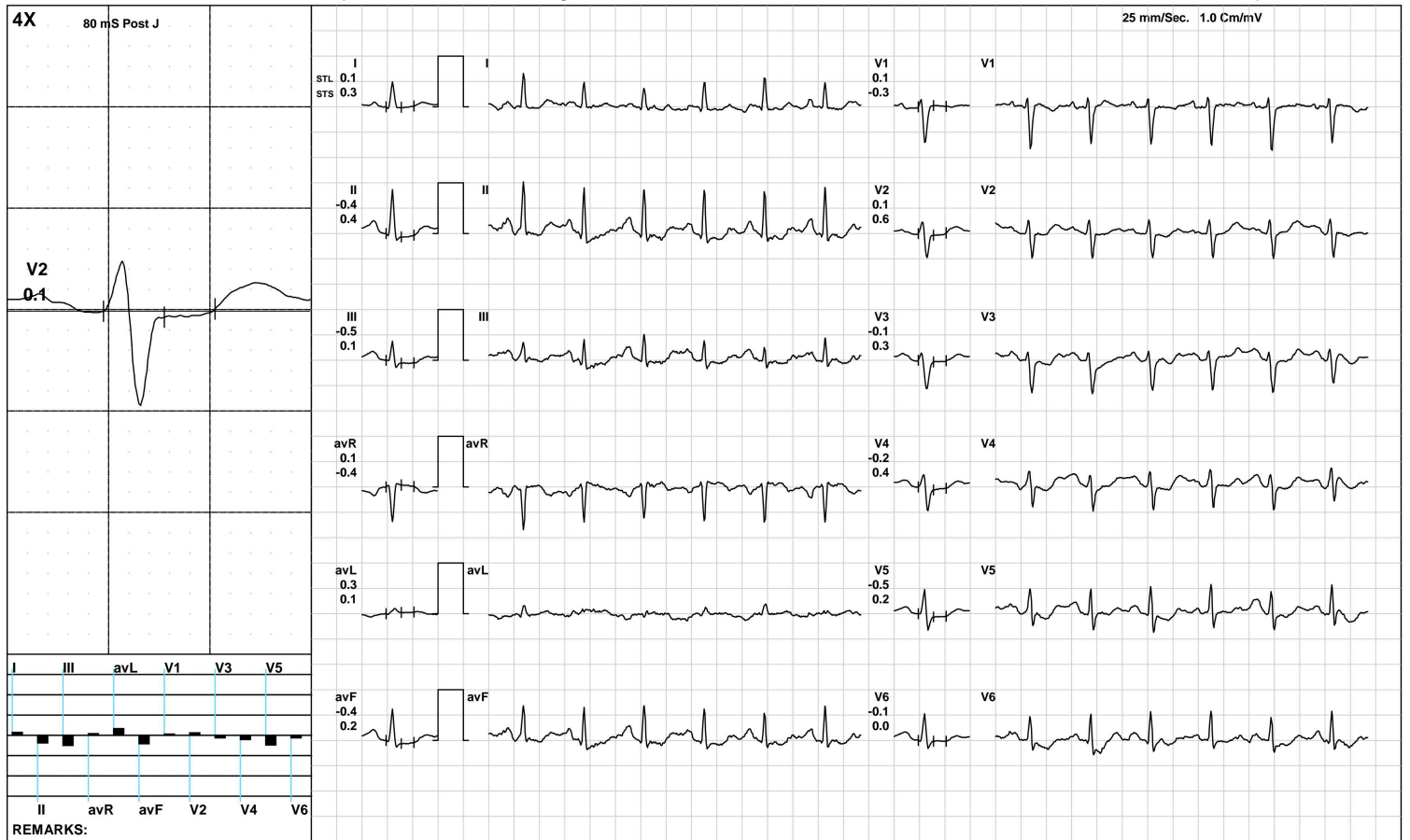
Recovery(2:00)



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 124

Date: 22-Jun-2024 01:49:23 PM METS: 1.0/ 124 bpm 68% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

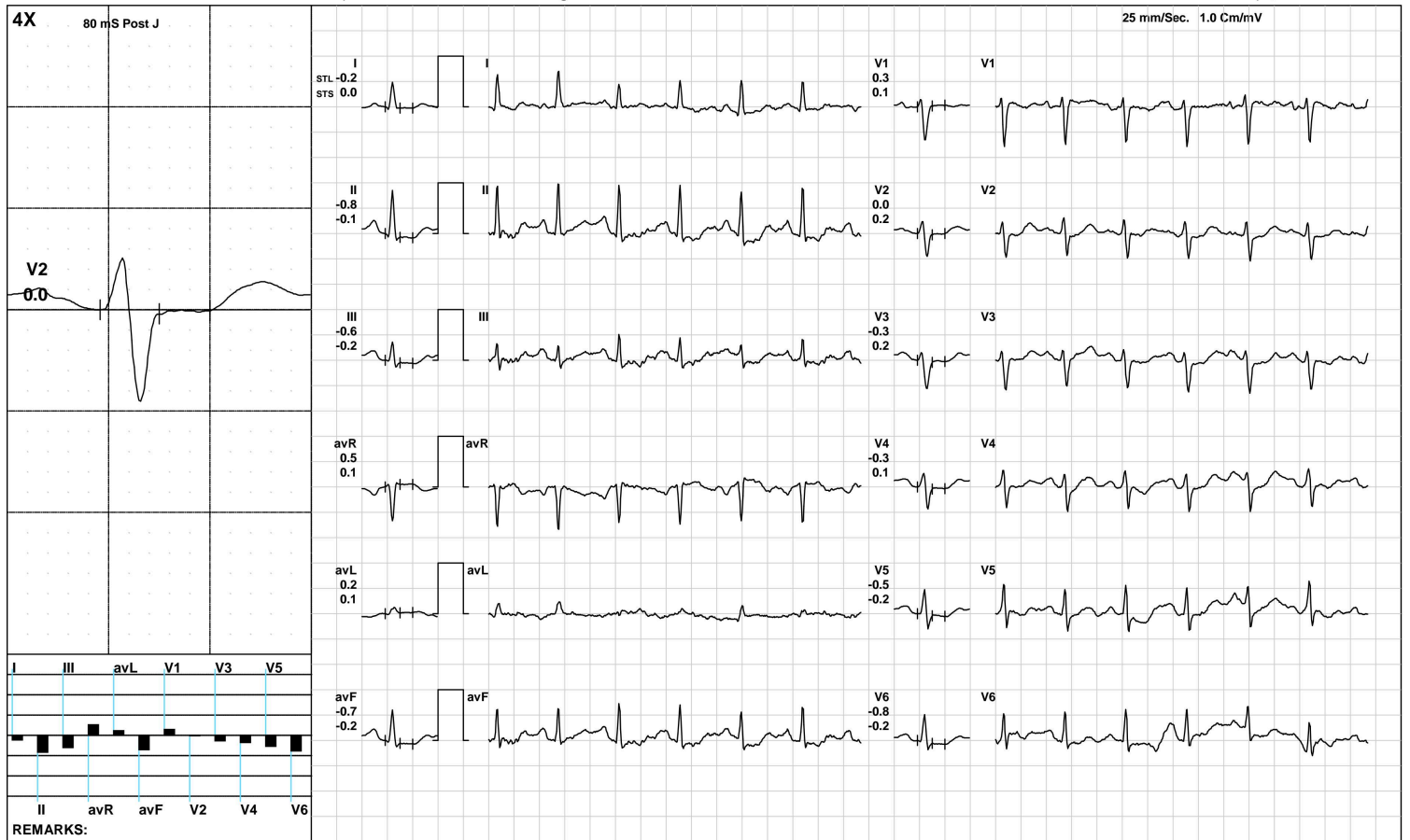
2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 121

Recovery(2:10)



Date: 22-Jun-2024 01:49:23 PM    METS: 1.0/ 121 bpm 67% of THR    BP: 110/70 mmHg    Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:01    1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

**ST Measurements**



2879 / NEELAM SINHA / 40 Yrs / F / 152 Cms / 60 Kg / HR : 107

Date: 22-Jun-2024 01:49:23 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	0.6	0.4	-0.2	-0.5	0.4	0.1	0.0	0.9	0.3	0.2	0.4	0.2	0.6	0.6	-0.1	-0.6	0.4	0.3	-0.3	0.7	0.2	0.3	0.3	0.2	
80 @mS Standing	0.6	0.4	-0.2	-0.5	0.4	0.1	0.0	0.9	0.3	0.2	0.4	0.2	0.6	0.6	-0.1	-0.6	0.4	0.3	-0.3	0.7	0.2	0.3	0.3	0.2	
HV	0.6	0.4	-0.2	-0.5	0.4	0.1	0.0	0.9	0.3	0.2	0.4	0.2	0.6	0.6	-0.1	-0.6	0.4	0.3	-0.3	0.7	0.2	0.3	0.3	0.2	
Warm Up	0.2	0.0	-0.2	-0.2	0.2	-0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.3	0.2	-0.1	-0.2	0.2	0.0	-0.1	0.5	0.3	0.3	0.2	0.2	
ExStart	0.6	0.3	-0.3	-0.4	0.4	0.0	-0.3	0.8	-0.1	0.1	0.3	0.1	0.3	0.2	-0.2	-0.3	0.3	0.0	-0.1	0.7	0.4	0.5	0.3	0.2	
Stage 1	0.2	-0.5	-0.8	0.1	0.4	-0.6	0.0	-0.2	-0.3	-0.4	-0.4	-0.3	0.4	0.4	0.0	-0.4	0.3	0.2	-0.2	0.5	0.3	0.1	0.2	0.2	
Stage 2	-0.1	-1.1	-1.0	0.6	0.3	-1.1	0.1	-0.2	-0.7	-0.8	-0.7	-0.7	0.3	0.3	-0.1	-0.4	-0.1	0.1	0.0	0.4	0.0	0.1	0.3	0.1	
PeakEx	-0.3	-1.4	-1.3	0.8	0.7	-1.4	0.2	-0.6	-0.8	-1.1	-1.3	-1.3	0.0	0.5	0.4	-0.3	0.1	0.4	0.6	0.5	0.4	0.7	0.4	0.3	
Recovery	0.2	-0.6	-0.7	0.2	0.5	-0.7	0.2	0.3	0.0	-0.1	-0.4	-0.5	0.6	0.5	-0.1	-0.6	0.4	0.2	0.0	0.8	0.5	0.6	0.4	0.1	
Recovery	0.1	-0.4	-0.5	0.1	0.3	-0.4	0.1	0.1	-0.1	-0.2	-0.5	-0.1	0.3	0.4	0.1	-0.4	0.1	0.2	-0.3	0.6	0.3	0.4	0.2	0.0	
Recovery	-0.2	-0.8	-0.6	0.5	0.2	-0.7	0.3	0.0	-0.3	-0.3	-0.5	-0.8	0.0	-0.1	-0.2	0.1	0.1	-0.2	0.1	0.2	0.2	0.1	-0.2	-0.2	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	5.8	6.0	0.2	-5.8	2.7	3.1	-0.4	7.6	2.6	2.7	4.4	2.8
Standing	5.8	6.0	0.2	-5.8	2.7	3.1	-0.4	7.6	2.6	2.7	4.4	2.8
HV	5.8	6.0	0.2	-5.8	2.7	3.1	-0.4	7.6	2.6	2.7	4.4	2.8
Warm Up	2.9	2.6	-0.2	-3.2	1.6	1.2	-0.6	4.9	1.0	1.4	1.9	1.6
ExStart	5.3	4.7	-0.7	-5.0	2.8	2.0	-2.8	6.2	-1.0	1.6	3.6	2.9
Stage 1	0.2	-3.1	-3.7	1.5	1.5	-3.3	0.4	-1.5	-2.0	-2.4	-2.3	-1.5
Stage 2	-1.4	-7.4	-5.5	4.3	1.6	-6.9	0.8	-1.6	-4.1	-4.8	-4.4	-4.3
PeakEx	-1.9	-8.7	-7.4	5.2	3.4	-8.3	0.9	-3.9	-4.7	-6.4	-7.2	-6.9
Recovery	-0.3	-4.8	-4.2	2.6	2.2	-4.4	1.7	0.6	-0.6	-1.6	-3.1	-3.6
Recovery	0.4	-3.9	-4.3	1.6	2.5	-4.0	1.2	-0.6	-1.5	-2.5	-4.1	-0.7
Recovery	-1.7	-6.1	-4.4	3.9	2.0	-5.2	2.3	0.0	-1.5	-2.1	-3.4	-5.6





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	126	70	36	385	189	814	-804	210	-144	V5	-86	0.00	0	0
01:00	104	126	70	39	385	176	805	-710	-171	-136	II	-125	0.00	0	0
01:30	117	168	48	45	140	192	826	-722	-310	-14	II	-60	0.00	0	0
02:00	124	142	68	41	444	205	788	-707	-288	-128	III	-83	0.00	0	0
02:30	126	126	70	45	435	217	807	-683	-291	-104	III	-41	0.00	0	0
03:00	123	152	46	44	144	214	796	-702	-314	-133	III	-89	0.00	0	0
03:30	127	140	46	51	157	228	838	-700	-326	-71	III	-67	0.00	0	0
04:00	134	146	46	43	139	191	791	-693	-358	-58	II	-119	0.00	0	0
04:30	135	136	44	48	174	184	779	-666	-348	-189	II	-113	0.00	0	0
05:00	139	138	56	53	145	203	819	-676	-350	-171	II	-106	0.00	0	0
05:30	140	106	46	53	147	228	836	-673	-346	-499	V4	-110	0.00	0	0
06:00	135	134	44	45	175	222	777	-677	-356	-116	III	-100	0.00	1	0
06:30	140	138	46	44	142	220	761	-670	-331	-112	II	-140	0.00	0	0
07:00	152	112	46	48	173	210	725	-663	-402	-143	II	-173	0.00	0	0
07:30	160	112	44	49	174	220	730	-643	-422	-161	II	-165	0.00	0	0
08:00	144	114	44	51	162	251	761	-656	-358	-230	V6	-106	0.00	0	0
08:30	135	132	46	50	152	257	807	-692	-346	-67	II	-93	0.00	0	0
09:00	128	142	46	46	145	261	856	-731	-327	-71	II	-75	0.00	0	0
09:30	123	154	46	44	138	257	873	-743	-345	-77	II	-79	0.00	0	0



Name :- Mrs. Nilam Sinha  
Refd by :- Dr. Corp

Age/Sex:40Yrs/F  
Date :-22/06/24

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size(13.3cm) 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** :- Contracted G.B. contains multiple calculi( two of them measuring size 13.2mm, 12.1mm) with posterior acoustic shadows seen within lumen. wall thickness appears normal.
- 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(8.7cm)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 9.5 cm and Left Kidney measures 9.2cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Mild enlarged in size (9.3 cm x 4.5 cm) and anteverted in position. Endometrial thickness 7.3mm and Myometrium echoes appears normal.  
A small cyst of measuring size 6.1mm seen in cervix- Nabothian Cyst.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 27mm x 21mm and Left ovary measures 27mm x 20mm.  
No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Cholelithiasis without Cholecystitis.  
AV Bulky Uterus With A Small Nabothian Cyst.  
Otherwise Normal Scan.*

*Dr. Arun Kumar*  
**MBBS, DMRD (Radio-Diagnosis)**  
**Consultant Radiologist**



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>22/06/2024</b>	<b>Srl No. 1</b>	<b>Patient Id 2406220001</b>
<b>Name</b>	<b>Mrs. NEELAM SINHA</b>	<b>Age 40 Yrs.</b>	<b>Sex F</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</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)	5,900	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	60	%	40 - 75
LYMPHOCYTE	35	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	18	mm/1st hr.	0 - 20
R B C COUNT	3.98	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	35.2	%	35 - 45
M C V	88.44	fl.	80 - 100
M C H	27.64	Picogram	27.0 - 31.0
M C H C	<b>31.3</b>	gm/dl	33 - 37
PLATELET COUNT	1.87	Lakh/cmm	1.50 - 4.00

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

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



ISO 9001 : 2015  
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 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

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 info@aarogyamdiagnostics.com  
 www.aarogyamdiagnostics.com

Date	22/06/2024	Srl No. 1	Patient Id 2406220001
Name	Mrs. NEELAM SINHA	Age 40 Yrs.	Sex F
Ref. By	Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
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**HAEMATOLOGY**

BLOOD GROUP ABO	"B"
RH TYPING	POSITIVE

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

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



ISO 9001 : 2015

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www.aarogyamdiagnostics.com

<b>Date</b>	<b>22/06/2024</b>	<b>Srl No. 1</b>	<b>Patient Id 2406220001</b>
<b>Name</b>	<b>Mrs. NEELAM SINHA</b>	<b>Age 40 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.MEDIWHEEL</b>			

Test Name	Value	Unit	Normal Value
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## BIOCHEMISTRY

BLOOD SUGAR FASTING	74.8	mg/dl	70 - 110
BLOOD SUGAR PP	101.8	mg/dl	80 - 160
SERUM CREATININE	0.75	mg%	0.5 - 1.3
BLOOD UREA	17.8	mg /dl	15.0 - 45.0
BLOOD UREA NITROGEN (BUN)	8.318	mg%	6.0 - 20.0
SERUM URIC ACID	4.96	mg%	2.5 - 6.0

## LIVER FUNCTION TEST (LFT)

BILIRUBIN TOTAL	0.62	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.21	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.41	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.87	gm/dl	6.6 - 8.3
ALBUMIN	4.10	gm/dl	3.4 - 5.2
GLOBULIN	2.77	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.48</b>		
SGOT	27.1	IU/L	5 - 35
SGPT	17.8	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	71.6	U/L	35.0 - 104.0
GAMMA GT	22.9	IU/L	6.0 - 42.0

## **LFT INTERPRET**

## LIPID PROFILE



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>22/06/2024</b>	<b>Srl No. 1</b>	<b>Patient Id 2406220001</b>
<b>Name</b>	<b>Mrs. NEELAM SINHA</b>	<b>Age 40 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.MEDIWHEEL</b>			

Test Name	Value	Unit	Normal Value
TRIGLYCERIDES	97.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	159.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	58.7	mg/dL	35.1 - 88.0
V L D L	19.5	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	81.7	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.724		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.392		0.00 - 3.55
URINE ROUTINE			
QUANTITY	20	ml.	
COLOUR	YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.030		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	1-2	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	2-4	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

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



MC-2024

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Phone: +91-79-49006800 | WhatsApp: 6356005900 | Email: info@unipath.in | Website: www.unipath.in  
Regd. Of ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat  
CIN: U85195GJ2009PLC057059



40604100434

TEST REPORT

<b>Reg.No</b> : 40604100434	<b>Reg.Date</b> : 23-Jun-2024 15:13	<b>Collection</b> : 25-Jun-2024 13:36
<b>Name</b> : NEELAM SINHA		<b>Received</b> : 25-Jun-2024 13:36
<b>Age</b> : 40 Years	<b>Sex</b> : Female	<b>Report</b> : 25-Jun-2024 14:46
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 25-Jun-2024 15:05
<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), Total <small>CMI/A</small>	0.87	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMI/A</small>	8.78	µg/dL	5.5 - 11.0
TSH (Thyroid stimulating hormone) <small>CMI/A</small>	1.098	µIU/mL	0.35 - 4.94

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 Eddition. Philadelphia: WB Saunders,2012:2170

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

Dr.Vidhi Patel

M.D BIOCHEMISTRY  
Reg. No.:-G-34739