



भारत सरकार  
GOVERNMENT OF INDIA



प्रियदर्शिनी  
Priyadarshni  
DOB: 05-04-1983  
Gender: Female



5228 6561 6645

आरोग्य - आम आदमी का अधिकार



27-10-2024 10:15:46 AM

ID: 32

PRIYADARSHINI  
Female 41Years

Diagnosis Information:

Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

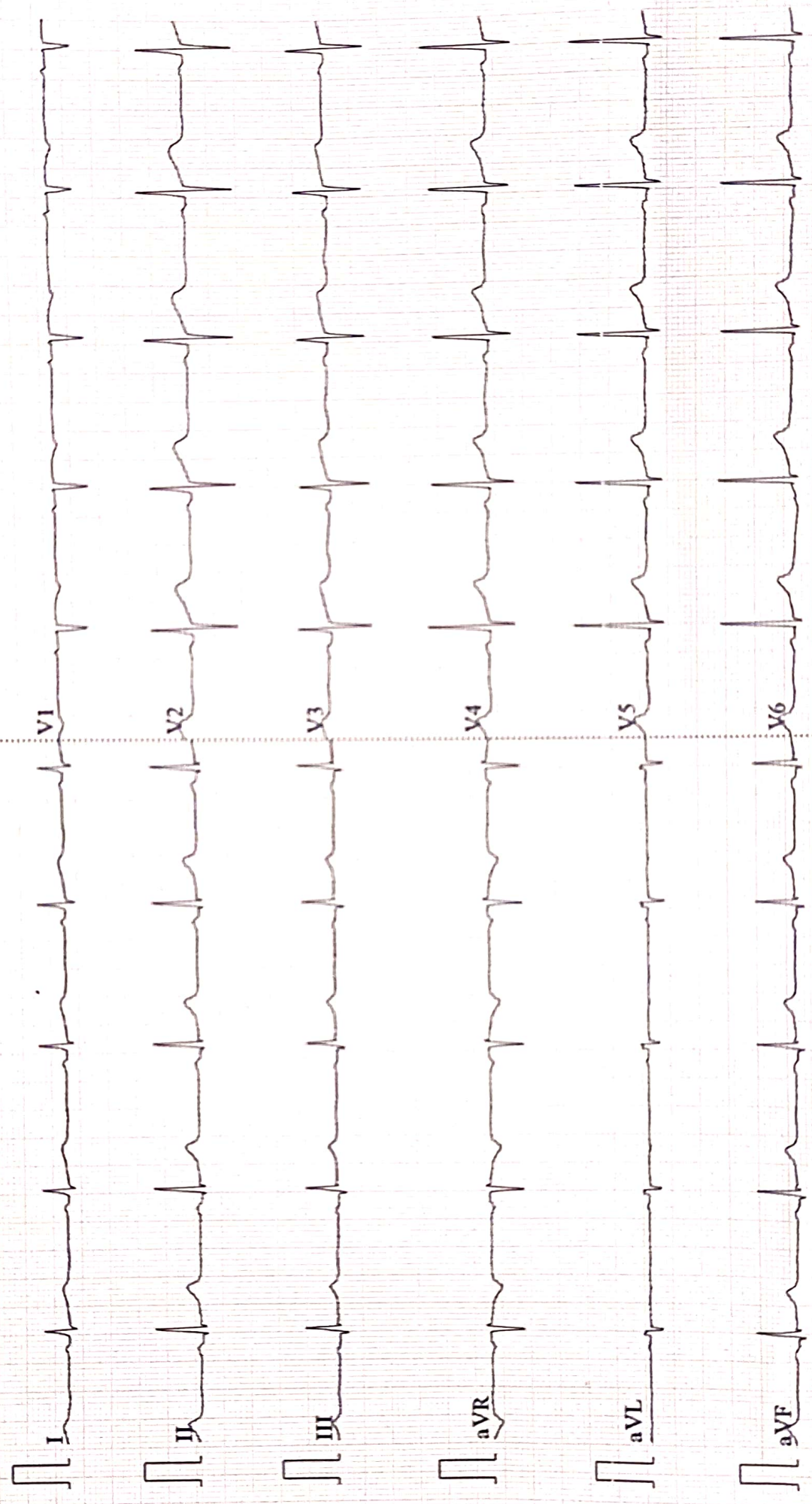
JR. RAMAN

MBBS MD

Ref: 33940

Report Confirmed by:

HR : 60 bpm  
P : 91 ms  
PR : 149 ms  
QRS : 76 ms  
QT/QTc : 417/418 ms  
P/QRS/T : 50/65/67 °  
RV5/SV1 : 1.256/0.506 mV



Patient Name	PRIYADARSHNI	Date	27-10-2024
Age/Sex	41/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.**

**Report**



(GEM212170906)(R)Kardic by Allengers

3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg Date: 27-Oct-2024 Technician : MD SAQUIB NEHAL

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	85	47 %	110/70	093	00	
Standing	00:12	0:01	00.0	00.0	01.0	83	46 %	110/70	091	00	
HV	00:16	0:01	00.0	00.0	01.0	087	49 %	110/70	095	00	
Warm Up	00:21	0:01	01.0	00.0	01.0	083	46 %	110/70	091	00	
ExStart	00:40	0:06	01.7	10.0	01.1	090	50 %	110/70	099	00	
BRUCE/ Stage 1	03:40	3:00	01.7	10.0	04.7	114	64 %	115/75	131	00	
BRUCE/ Stage 2	06:40	3:00	02.5	12.0	07.1	132	74 %	120/80	158	00	
PeakEx	07:56	1:16	03.4	14.0	08.4	162	91 %	120/80	194	00	
Recovery	08:55	1:00	01.1	00.0	01.2	138	77 %	115/75	158	00	
Recovery	09:37	1:41	01.1	00.0	01.0	122	68 %	110/70	134	00	

**Findings :**

- Exercise Time : 07:17
- Max HR Attained : 162 bpm 91% of Target 179
- Max BP Attained : (Sys) 120/80
- Max WorkLoad Attained : 8.4 Fair response to induced stress
- Max ST Dep Lead & Value : V1 & -1.3 mm in PeakEx mm
- Test End Reasons : Feeling Uncomfortable

**Report :**

**AAROGYAM DIAGNOSTICS.**

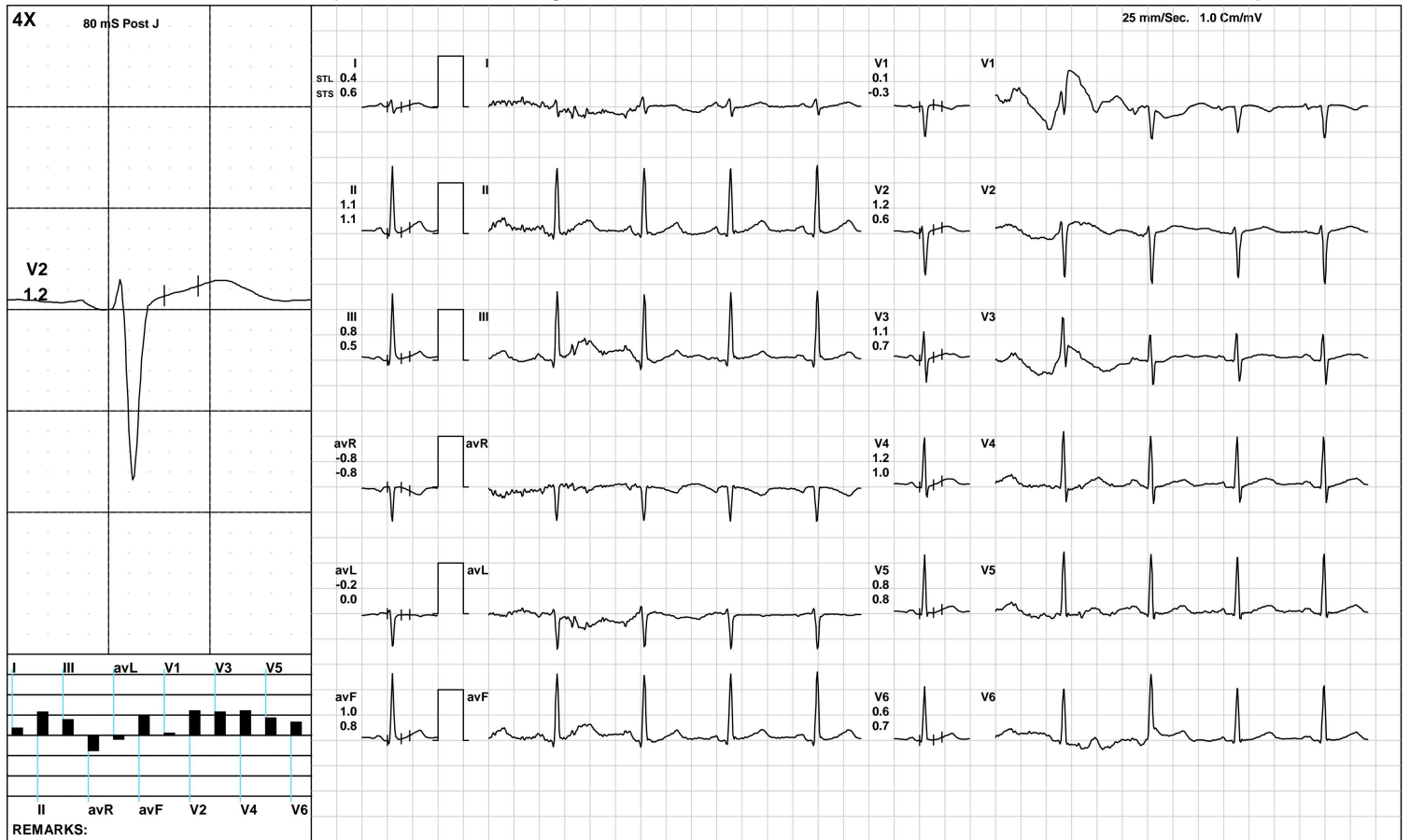
Supine



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 85

Date: 27-Oct-2024 10:57:44 AM METS: 1.0/ 85 bpm 47% of THR BP: 110/70 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

**AAROGYAM DIAGNOSTICS.**

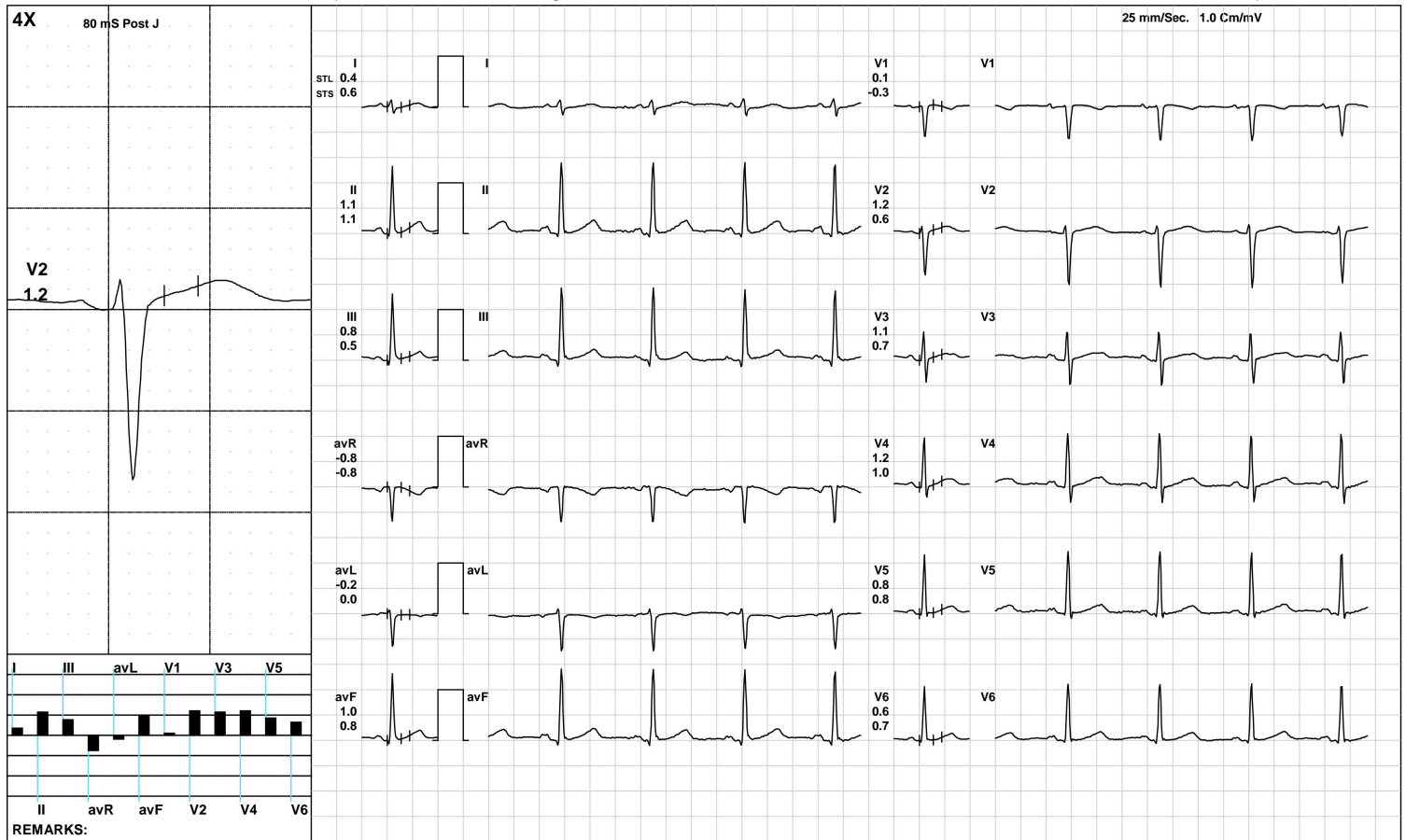
Standing



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 83

Date: 27-Oct-2024 10:57:44 AM METS: 1.0/ 83 bpm 46% 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.**

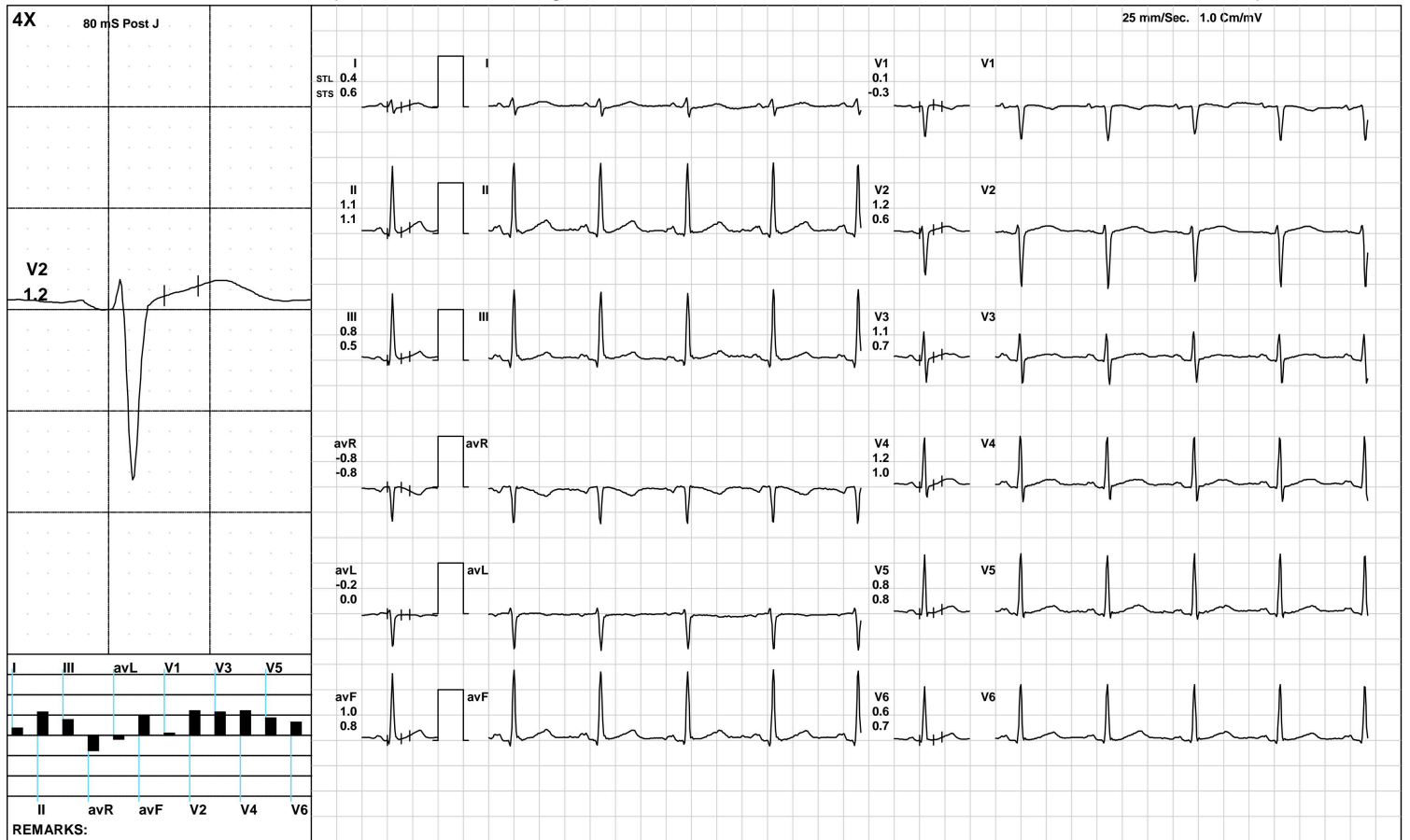
HV



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 87

Date: 27-Oct-2024 10:57:44 AM METS: 1.0/ 87 bpm 48% 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.**

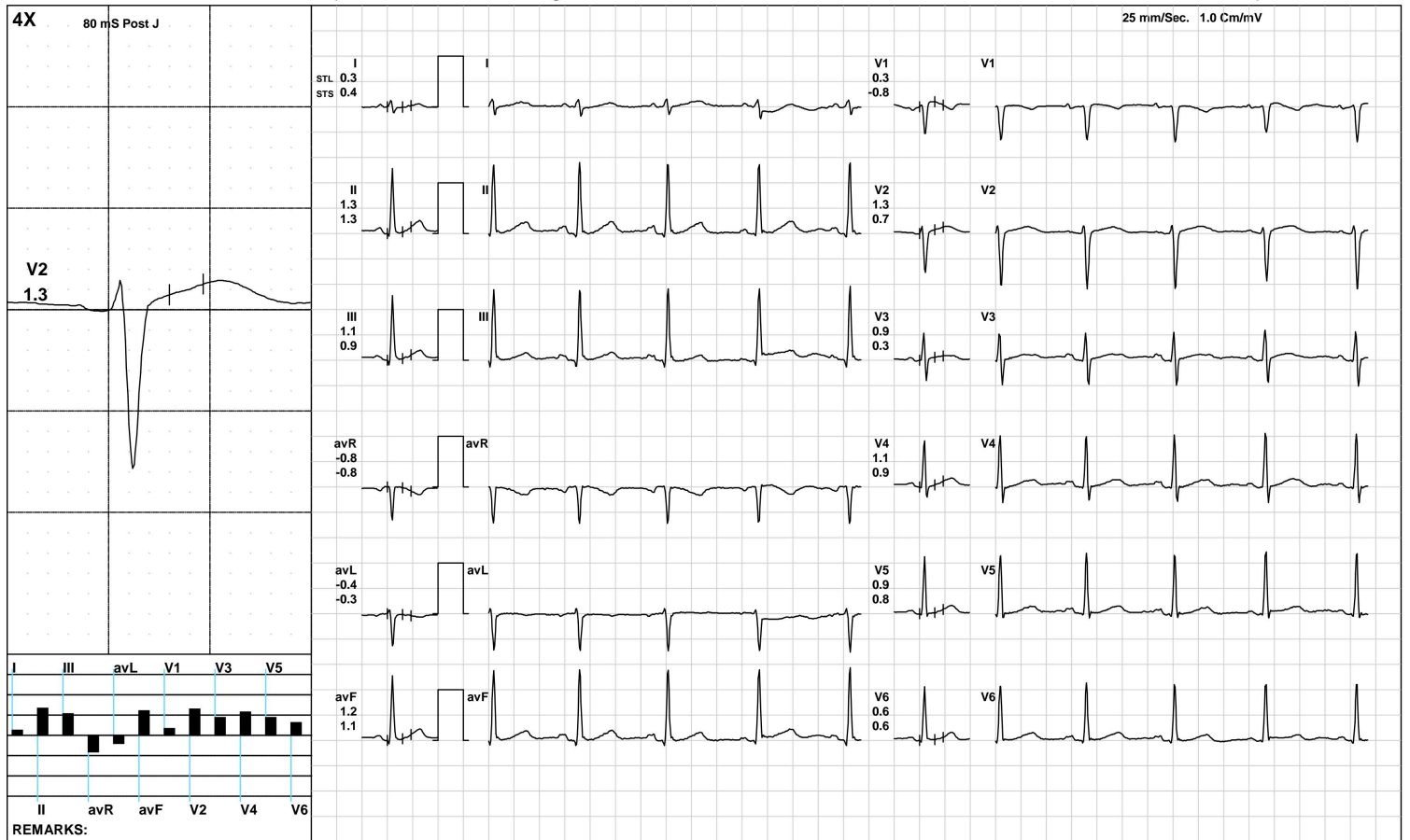
Warm Up



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 83

Date: 27-Oct-2024 10:57:44 AM METS: 1.0/ 83 bpm 46% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:21 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS.**

ExStart



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 90

Date: 27-Oct-2024 10:57:44 AM METS: 1.1/ 90 bpm 50% 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.**

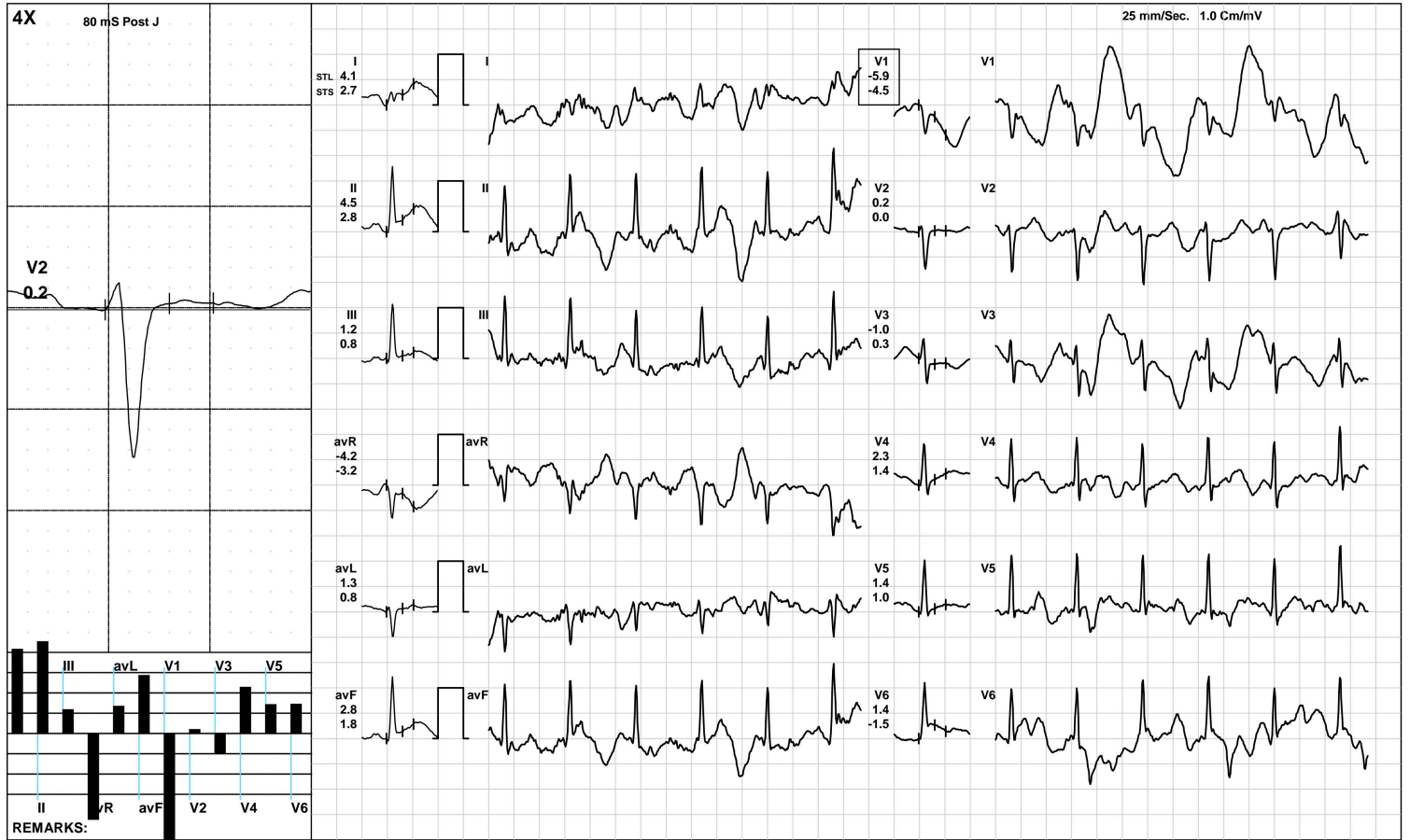
**BRUCE:/Stage 1(3:00)**



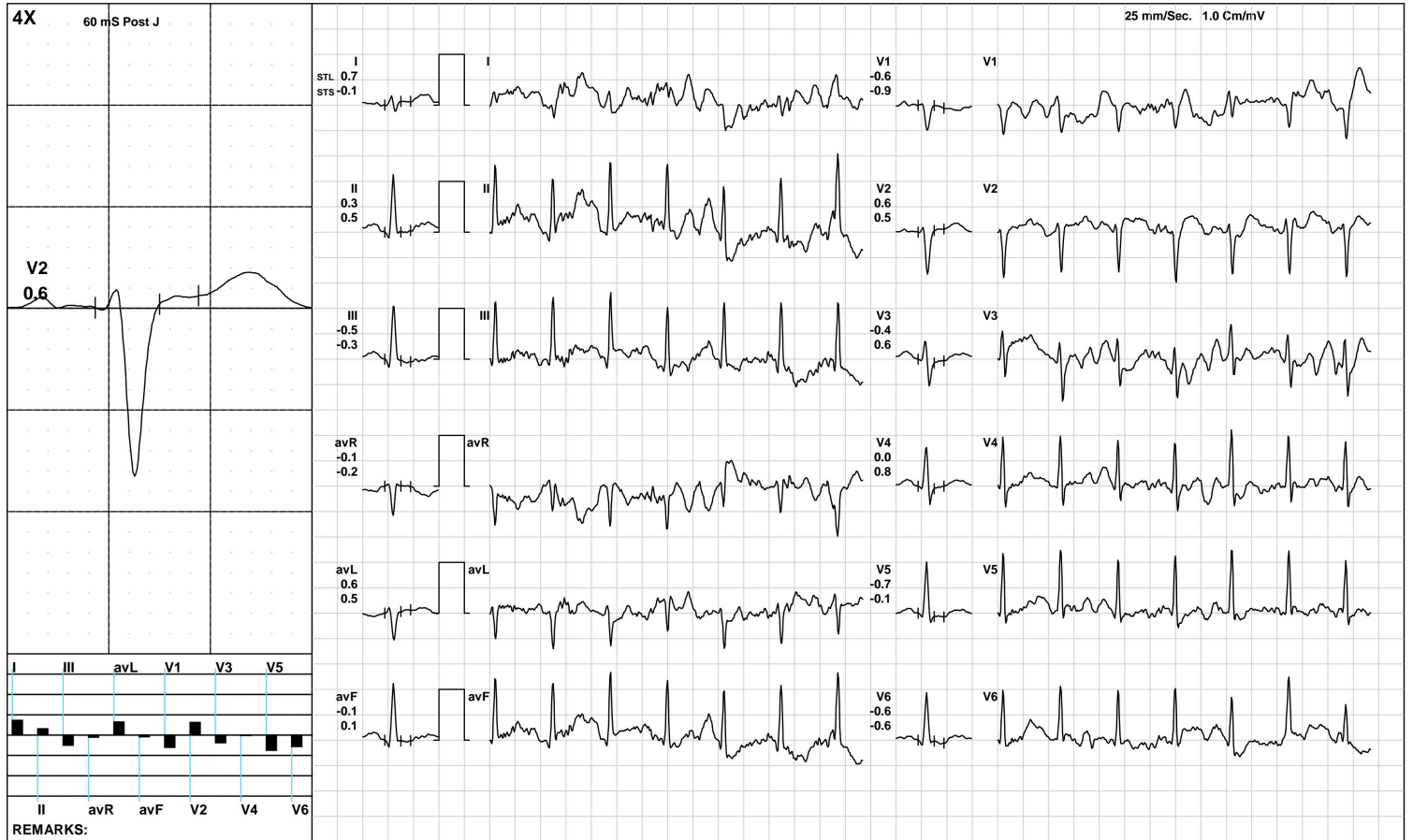
3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 114

Date: 27-Oct-2024 10:57:44 AM METS: 4.7/ 114 bpm 63% 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.**

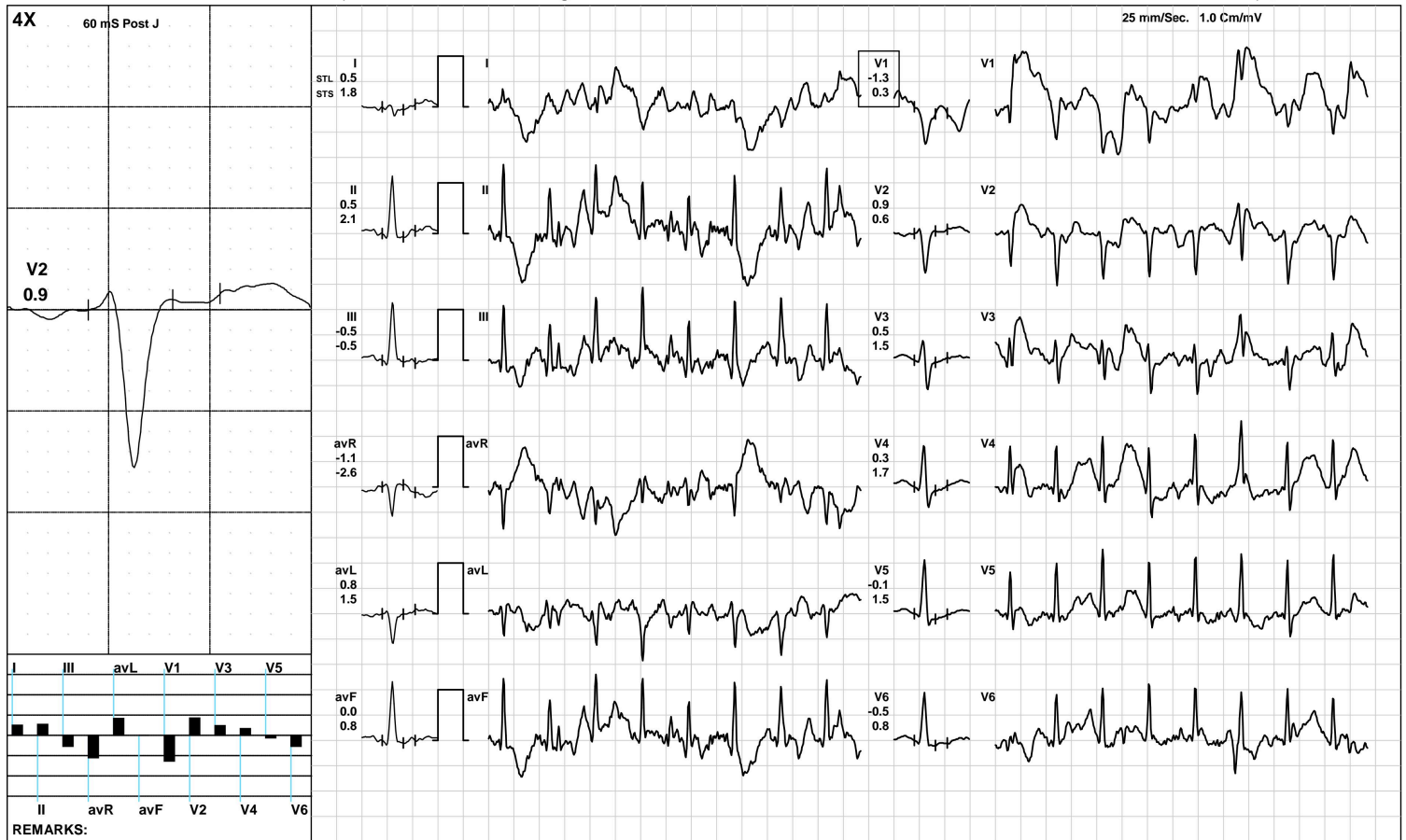
**PeakEx**



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 162

Date: 27-Oct-2024 10:57:44 AM METS: 8.4/ 162 bpm 90% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:16 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

Recovery(1:00)



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 138

Date: 27-Oct-2024 10:57:44 AM METS: 1.2/ 138 bpm 77% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:17 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS.**

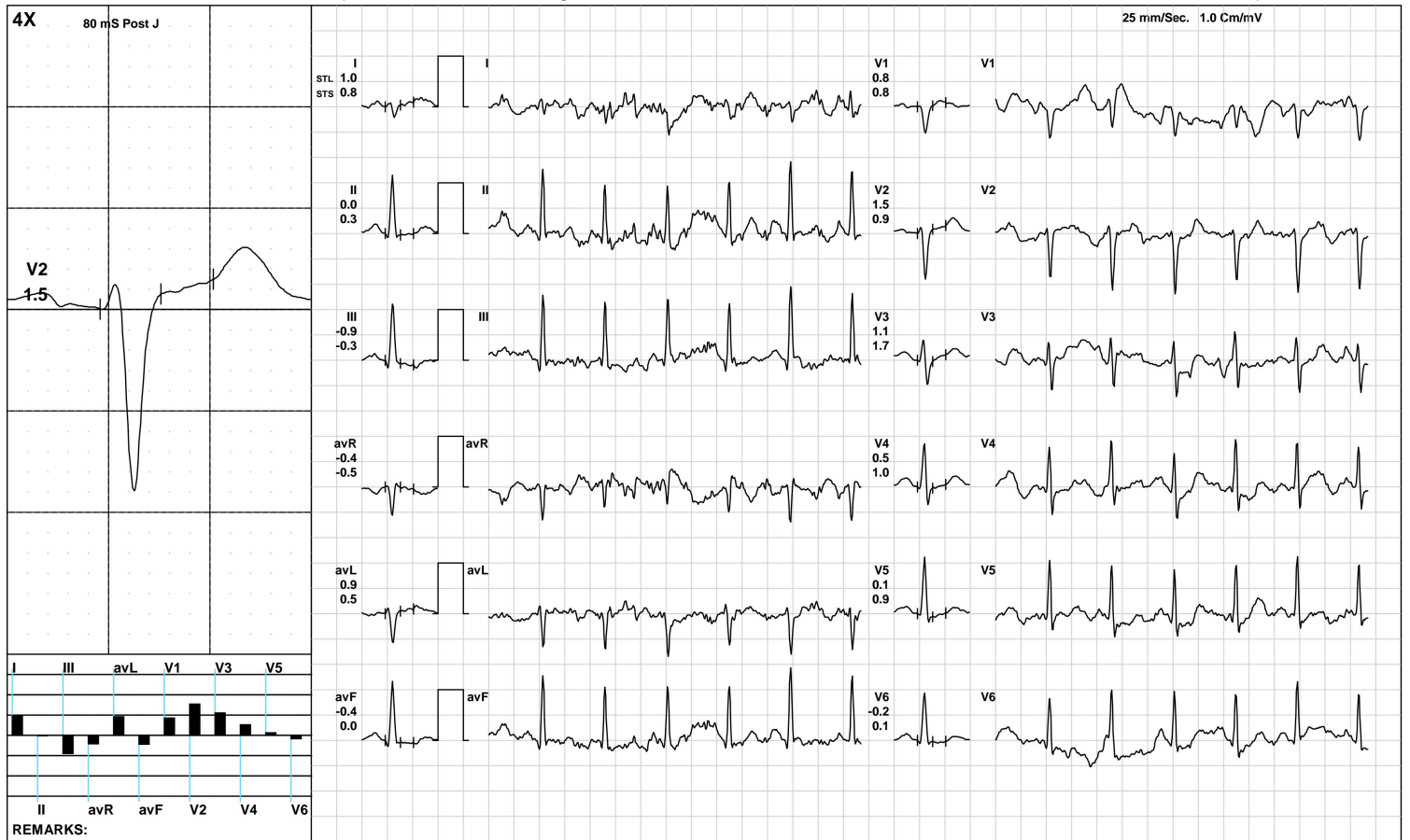
**Recovery(1:41)**



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 122

Date: 27-Oct-2024 10:57:44 AM METS: 1.0/ 122 bpm 68% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:17 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS.**

**ST Measurements**



3271 / PRIYADARSHNI / 41 Yrs / F / 153 Cms / 69 Kg / HR : 86

Date: 27-Oct-2024 10:57:44 AM

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	1.1	0.8	-0.8	-0.2	1.0	0.1	1.2	1.1	1.2	0.8	0.6	0.6	1.1	0.5	-0.8	0.0	0.8	-0.3	0.6	0.7	1.0	0.8	0.7	
80 @mS Standing	0.4	1.1	0.8	-0.8	-0.2	1.0	0.1	1.2	1.1	1.2	0.8	0.6	0.6	1.1	0.5	-0.8	0.0	0.8	-0.3	0.6	0.7	1.0	0.8	0.7	
HV	0.4	1.1	0.8	-0.8	-0.2	1.0	0.1	1.2	1.1	1.2	0.8	0.6	0.6	1.1	0.5	-0.8	0.0	0.8	-0.3	0.6	0.7	1.0	0.8	0.7	
Warm Up	0.4	1.1	0.8	-0.8	-0.2	1.0	0.1	1.2	1.1	1.2	0.8	0.6	0.6	1.1	0.5	-0.8	0.0	0.8	-0.3	0.6	0.7	1.0	0.8	0.7	
ExStart	-0.5	1.1	1.6	-0.3	-1.0	1.3	0.1	-0.1	0.5	0.5	0.7	0.6	0.4	0.6	0.2	-0.5	0.1	0.4	-0.1	0.6	0.6	0.7	0.5	0.4	
Stage 1	0.3	1.2	1.2	-0.6	-0.1	1.2	1.8	1.5	0.6	0.9	-0.1	1.8	0.4	1.0	0.9	-0.5	-0.5	0.9	1.9	2.3	1.3	2.5	1.0	3.0	
Stage 2	0.8	0.4	0.1	-0.5	0.3	0.1	-0.7	0.7	1.2	0.3	0.5	-0.5	0.9	1.0	0.5	-0.9	0.3	0.6	-0.5	0.9	1.7	1.3	1.4	0.2	
PeakEx	0.5	0.5	-0.5	-1.1	0.8	0.0	-1.3	0.9	0.5	0.3	-0.1	-0.5	1.8	2.1	-0.5	-2.6	1.5	0.8	0.3	0.6	1.5	1.7	1.5	0.8	
Recovery	1.6	1.3	-0.3	-1.4	1.0	0.5	-0.4	1.8	0.0	0.7	0.4	1.2	2.2	2.6	0.5	-2.3	0.8	1.5	-0.5	1.7	0.5	1.8	1.3	1.7	
Recovery	1.0	0.0	-0.9	-0.4	0.9	-0.4	0.8	1.5	1.1	0.5	0.1	-0.2	0.8	0.3	-0.3	-0.5	0.5	0.0	0.8	0.9	1.7	1.0	0.9	0.1	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		2.8	9.3	6.5	-6.1	-1.8	7.9	0.5	9.2	8.3	9.0	6.4	5.0
Standing		2.8	9.3	6.5	-6.1	-1.8	7.9	0.5	9.2	8.3	9.0	6.4	5.0
HV		2.8	9.3	6.5	-6.1	-1.8	7.9	0.5	9.2	8.3	9.0	6.4	5.0
Warm Up		2.8	9.3	6.5	-6.1	-1.8	7.9	0.5	9.2	8.3	9.0	6.4	5.0
ExStart		-3.5	9.5	13.0	-2.9	-8.2	11.2	0.5	-1.0	3.9	4.5	5.7	5.0
Stage 1		2.9	8.5	8.0	-4.5	0.8	8.2	10.6	9.6	3.1	4.7	-2.3	9.6
Stage 2		5.3	1.7	-2.5	-3.0	2.8	-0.4	-4.8	3.8	4.8	-0.3	0.2	-3.7
PeakEx		-0.3	0.5	-0.9	-2.0	1.2	-0.2	-2.5	2.7	-0.2	-2.0	-4.0	-3.7
Recovery		6.8	3.9	-2.1	-4.9	4.1	0.9	-0.8	8.1	-0.6	0.8	0.4	4.8
Recovery		6.5	-0.8	-7.3	-2.8	7.1	-4.0	6.9	10.4	5.8	2.0	-1.1	-2.3



3271 / PRIYADARSHNI / 41 Yrs / Female / 153 Cm / 69 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	87	86	74	90	470	-233	1260	-1020	285	-51	V3	-32	0.00	0	0
01:00	102	210	52	88	487	-390	1220	-866	-361	-117	avL	-23	0.00	0	0
01:30	122	164	50	96	410	592	1198	-974	-539	-422	V1	-160	0.00	0	0
02:00	121	156	50	88	467	-235	1222	-902	252	-96	V3	-140	0.00	0	0
02:30	117	70	-156	90	133	-1011	1174	-1008	-1097	-1023	V4	-983	0.00	0	0
03:00	114	172	52	94	467	-176	1184	-899	-274	-192	V1	-82	0.00	0	0
03:30	112	180	72	77	503	-542	1309	-797	-853	-215	V1	-466	0.00	0	0
04:00	126	164	54	84	311	337	1265	-932	-674	-532	V1	-540	0.00	0	0
04:30	129	122	72	87	234	-276	1366	-943	-399	-201	V1	-333	0.00	0	0
05:00	128	136	74	92	357	-280	1205	-942	374	-209	V1	-227	0.00	0	0
05:30	128	86	52	90	144	246	1229	-936	-354	-81	II	-110	0.00	0	0
06:00	127	142	50	95	211	-329	1140	-952	-431	-86	V6	-132	0.00	0	0
06:30	132	136	74	87	343	175	1157	-940	215	-23	V1	-75	0.00	0	0
07:00	143	136	114	97	268	221	1226	-901	593	-452	II	-472	0.00	0	0
07:30	154	110	74	97	400	448	1159	-836	647	-190	II	-161	0.00	0	0
08:00	161	106	-108	96	133	-1132	1125	-1131	-1155	-1149	V4	-1101	0.00	0	0
08:30	139	118	72	102	295	264	1175	-923	499	-215	V6	-263	0.00	0	0
09:00	129	130	52	95	447	248	1190	-984	-347	-182	V6	-102	0.00	0	0
09:30	120	116	52	100	432	177	1220	-1006	313	-35	III	-71	0.00	0	0





ISO 9001 : 2015

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

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Near Malahi Pakari Chowk, Kankarbagh, Patna-20  
9065875700  
info@aarogyamdiagnostics.com  
www.aarogyamdiagnostics.com

Name :- Priyadarshani  
Refd by :- BOB

Age/Sex:-41Yrs/F  
Date :-27/10/24

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size (13.2cm) with slightly raised echotexture. No focal or diffuse lesion is seen. IHBR are not dilated. PV is normal in course and calibre with echofree lumen.
- G. Bladder** :- Well distended. No any calculus or sludge seen within lumen. Evidence of a small polyp measure 4.9mm seen inside of GB wall. wall thickness normal 2.2mm.
- 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 (10.0cm)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 9.4cm and Left Kidney measures 9.6cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Normal in size (8.6cm x 3.5cm) 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 11mm and Left ovary measures 19mm x 14mm.  
No pelvic (POD) collection is seen.
- Others** :- Evidence of a small fatty tissue 27mm x 13mm seen in right hypogastric region and another fatty tissue measure 28mm x 15mm seen in L.I.F region.  
No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-**

*Mild Fatty Liver.  
A Small GB. Wall Polyp.  
A Small Fatty Tissue in Right Hypogastric Region and Another Fatty Tissue in L.I.F. Region.  
Otherwise Normal Scan.*

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



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9264278360, 9065875700, 8789391403

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Date	27/10/2024	Srl No.	2	Patient Id	2410270002
Name	Mrs. PRIYADARSHNI	Age	41 Yrs.	Sex	F
Ref. By	Dr.MEDIWHEEL				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.2	%	

### 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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<b>Date</b>	<b>27/10/2024</b>	<b>Srl No. 2</b>	<b>Patient Id 2410270002</b>
<b>Name</b>	<b>Mrs. PRIYADARSHNI</b>	<b>Age 41 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>11.4</b>	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	6,600	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	59	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	06	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	18	mm/1st hr.	0 - 20
R B C COUNT	<b>3.76</b>	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	<b>34.2</b>	%	35 - 45
M C V	90.96	fl.	80 - 100
M C H	30.32	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.92	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	73.5	mg/dl	70 - 110
SERUM CREATININE	1.02	mg%	0.5 - 1.3
BLOOD UREA	23.1	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.49	mg%	2.5 - 6.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



<b>Date</b>	<b>27/10/2024</b>	<b>Srl No. 2</b>	<b>Patient Id 2410270002</b>
<b>Name</b>	<b>Mrs. PRIYADARSHNI</b>	<b>Age 41 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.MEDIWHEEL</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.59	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.18	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.41	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.98	gm/dl	6.6 - 8.3
ALBUMIN	4.36	gm/dl	3.4 - 5.2
GLOBULIN	2.62	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.664</b>		
SGOT	26.3	IU/L	5 - 35
SGPT	13.8	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	84.1	U/L	35.0 - 104.0
GAMMA GT	25.0	IU/L	6.0 - 42.0

#### LFT INTERPRET

#### LIPID PROFILE

TRIGLYCERIDES	94.8	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	130.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	38.8	mg/dL	35.1 - 88.0
V L D L	18.96	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	72.34	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.353		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.864		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



<b>Date</b>	<b>27/10/2024</b>	<b>Srl No.</b>	<b>2</b>	<b>Patient Id</b>	<b>2410270002</b>
<b>Name</b>	<b>Mrs. PRIYADARSHNI</b>	<b>Age</b>	<b>41 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</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	1-2	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	1-3	/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>27/10/2024</b>	<b>Srl No.</b>	<b>2</b>	<b>Patient Id</b>	<b>2410270002</b>
<b>Name</b>	<b>Mrs. PRIYADARSHNI</b>	<b>Age</b>	<b>41 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.MEDIWHEEL</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**



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 CIN: U85195GJ2009PLC057059



41004100691

**TEST REPORT**

<b>Reg.No</b> : 41004100691	<b>Reg.Date</b> : 29-Oct-2024 14:54	<b>Collection</b> : 29-Oct-2024 14:54
<b>Name</b> : PRIYADARSHINI		<b>Received</b> : 29-Oct-2024 14:54
<b>Age</b> : 41 Years	<b>Sex</b> : Female	<b>Report</b> : 29-Oct-2024 16:35
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 29-Oct-2024 16:56
<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>CMIA</small>	0.72	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	7.74	µg/dL	5.5 - 11.0
TSH (Thyroid stimulating hormone) <small>CMIA</small>	4.888	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. Rina Prajapati**  
D.C.P. DNB (Path)  
G-21793

**Dr. Parikshit Thakkar**

Reg. No.:-G-15477

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