



भारत सरकार
Government of India



प्रतिक्षा कुमारी
Pratiksha Kumari
जन्म तिथि/DOB: 10/09/1996
महिला/ FEMALE



8820 1021 9189

VID: 9101 3841 1449 8661

मेरा आधार, मेरी पहचान

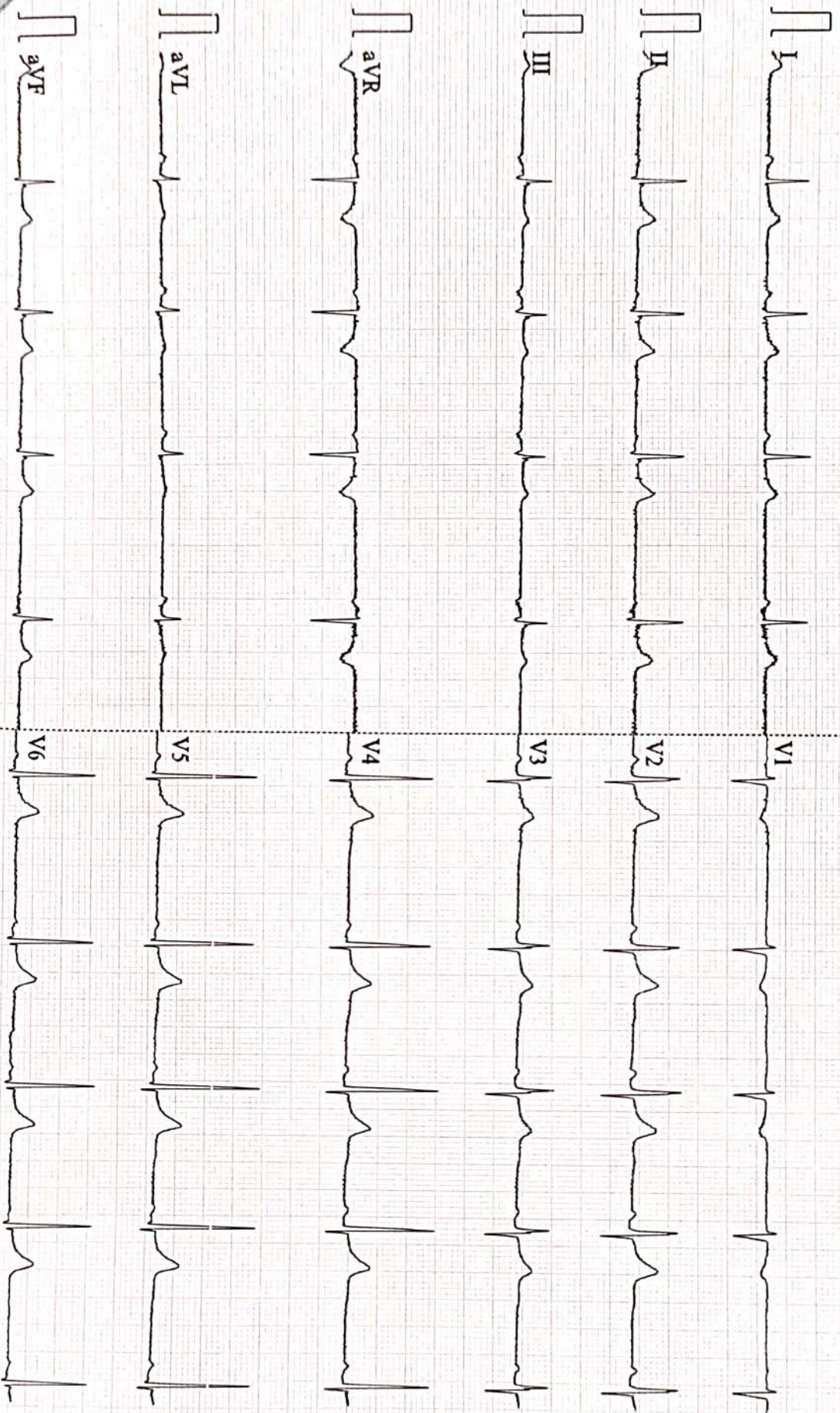


ID: 862
PRATIKSHA KUMARI
Female 28Years

26-08-2024 09:35:13 AM
HR : 54 bpm
P : 90 ms
PR : 150 ms
QRS : 80 ms
QT/QTc : 405/386 ms
P/QRS/T : -27/47/48 °
RV5/SV1 : 1.765/0.571 mV

Diagnosis Information:
Sinus Bradycardia with Sinus Arrhythmia

DR. R. RAMAN
Ref-Phys. No. 133940
Report Confirmed by:



Patient Name	PRATIKSHA KUMARI	Date	26-08-2024
Age/Sex	28/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





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
9065875700
info@aarogyamdiagnostics.com
www.aarogyamdiagnostics.com

Name :- Pratiksha Kumari
Refd by :- Corp

Age/Sex:- 28Yrs/F
Date :- 26/08/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size(13.1cm) with 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** :- 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 (9.1cm) 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 9.3cm and Left Kidney measures 9.1cm.
- 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 4.0cm) and anteverted in position with normal myometrial echotexture and endometrial thickness. (ET- 6.9mm).
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 31mm x 19mm and left ovary measures 32mm x 17mm.
No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Normal scan.*

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



ISO 9001 : 2015

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Date	26/08/2024	Srl No.	9	Patient Id	2408260009
Name	Mrs. PRATIKSHA KUMARI	Age	28 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.1	%	

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



Date	26/08/2024	Srl No.	9	Patient Id	2408260009
Name	Mrs. PRATI KSHA KUMARI	Age	28 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.5	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	7,000	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	31	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN' s METHOD)	17	mm/1st hr.	0 - 20
R B C COUNT	4.26	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	37.5	%	35 - 45
M C V	88.03	fl.	80 - 100
M C H	29.34	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.98	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	84.7	mg/dl	70 - 110
SERUM CREATININE	0.91	mg%	0.5 - 1.3
BLOOD UREA	23.1	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.73	mg%	2.5 - 6.0

LIVER FUNCTION TEST (LFT)



Date	26/08/2024	Srl No. 9	Patient Id 2408260009
Name	Mrs. PRATIKSHA KUMARI	Age 28 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.68	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.31	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.37	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.12	gm/dl	6.6 - 8.3
ALBUMIN	4.38	gm/dl	3.4 - 5.2
GLOBULIN	2.74	gm/dl	2.3 - 3.5
A/G RATIO	1.599		
SGOT	28.1	IU/L	5 - 35
SGPT	15.9	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	75.6	U/L	35.0 - 104.0
GAMMA GT	20.2	IU/L	6.0 - 42.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	74.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	168.2	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	49.1	mg/dL	35.1 - 88.0
V L D L	14.9	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	104.2	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.426		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.122		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



Date	26/08/2024	Srl No. 9	Patient Id 2408260009
Name	Mrs. PRATIKSHA KUMARI	Age 28 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.030		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
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.



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Date	26/08/2024	Srl No.	9	Patient Id	2408260009
Name	Mrs. PRATIKSHA KUMARI	Age	28 Yrs.	Sex	F
Ref. By	Dr.BOB				

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 ****

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Date	26/08/2024	Srl No.	9	Patient Id	2408260009
Name	Mrs. PRATIKSHA KUMARI	Age	28 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR PP	110.5	mg/dl	80 - 160
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**** End Of Report ****

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

Report



(GEM212170906)(R)Kardic by Allengers

3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg Date: 26-Aug-2024 Technician : RESHMA ALI

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:03	0:01	00.0	00.0	01.0	83	43 %	110/70	091	00	
Standing	00:12	0:01	00.0	00.0	01.0	96	50 %	110/70	105	00	
HV	00:16	0:01	00.0	00.0	01.0	086	45 %	110/70	094	00	
Warm Up	00:24	0:01	01.0	00.0	01.0	078	40 %	110/70	085	00	
ExStart	00:29	0:06	01.7	10.0	01.1	106	55 %	110/70	116	00	
BRUCE/ Stage 1	03:29	3:00	01.7	10.0	04.7	134	69 %	115/75	154	00	
BRUCE/ Stage 2	06:29	3:00	02.5	12.0	07.1	133	69 %	120/80	159	00	
PeakEx	06:29	3:00	02.5	12.0	07.1	133	69 %	120/80	159	00	
Recovery	07:28	1:00	01.1	00.0	01.2	124	64 %	115/75	142	00	
Recovery	08:28	2:00	01.1	00.0	01.0	109	56 %	110/70	119	00	
Recovery	08:47	2:18	01.1	00.0	01.0	110	57 %	110/70	121	00	

Findings :

Exercise Time : 06:01
Max HR Attained : 168 bpm 87% of Target 193
Max BP Attained : (Sys) 120/80
Max WorkLoad Attained : 7.1 Fair response to induced stress
Max ST Dep Lead & Value : V3 & -1.2 mm in Recovery mm
Test End Reasons : Test Complete

Report :

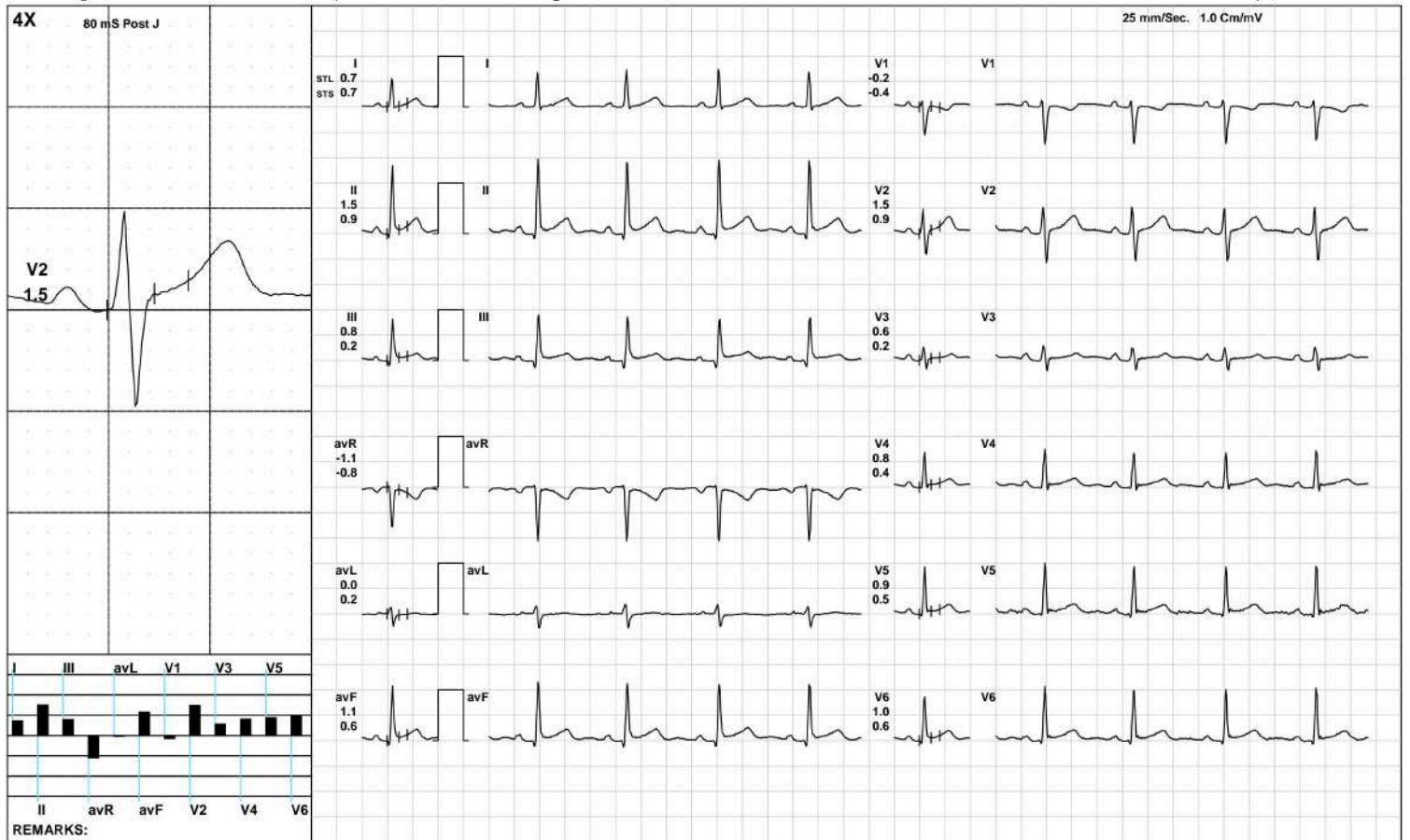
3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 83

Supine



Date: 26-Aug-2024 01:10:03 PM METS: 1.0/ 83 bpm 43% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:03 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

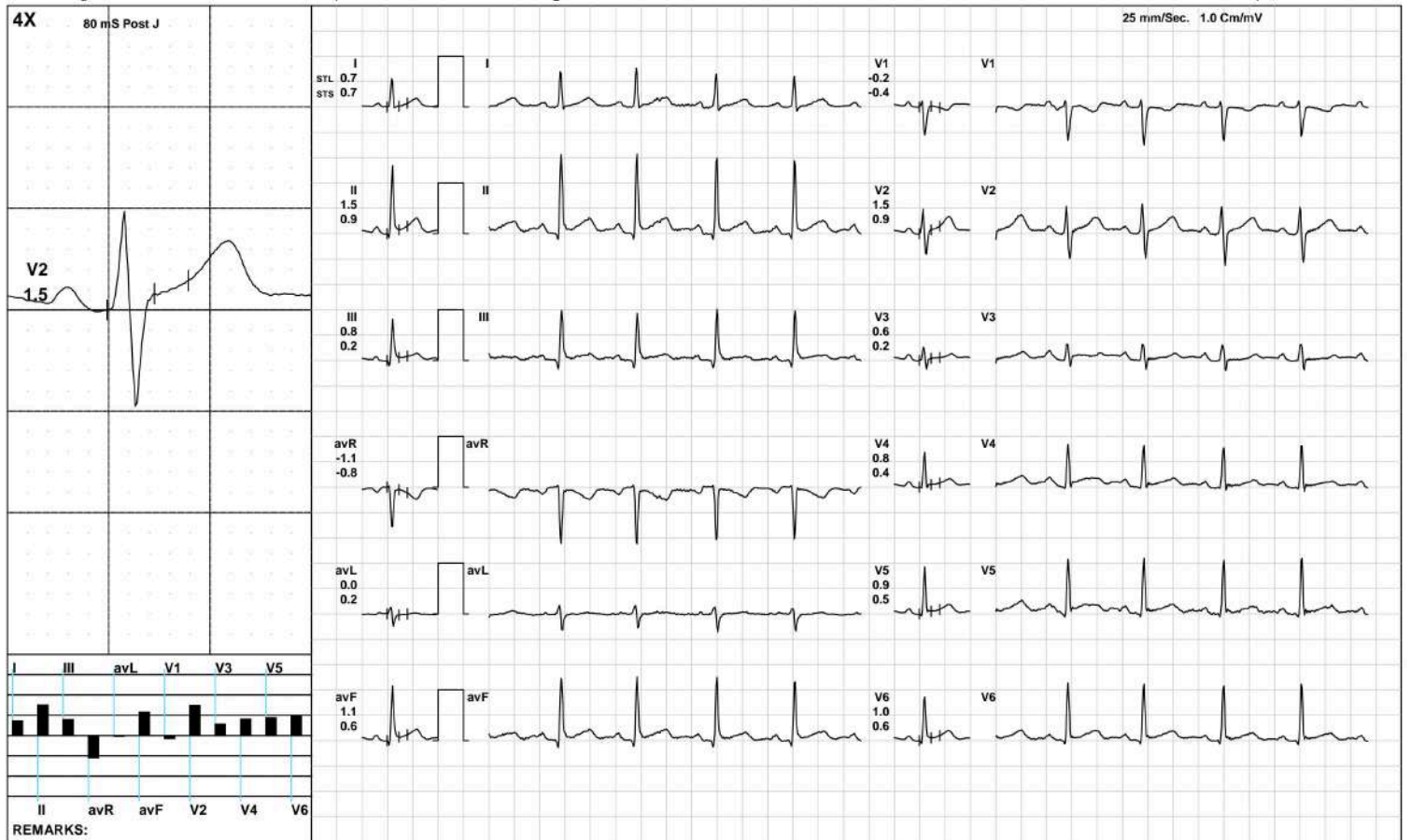
3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 96

Standing



Date: 26-Aug-2024 01:10:03 PM METS: 1.0/ 96 bpm 49% 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

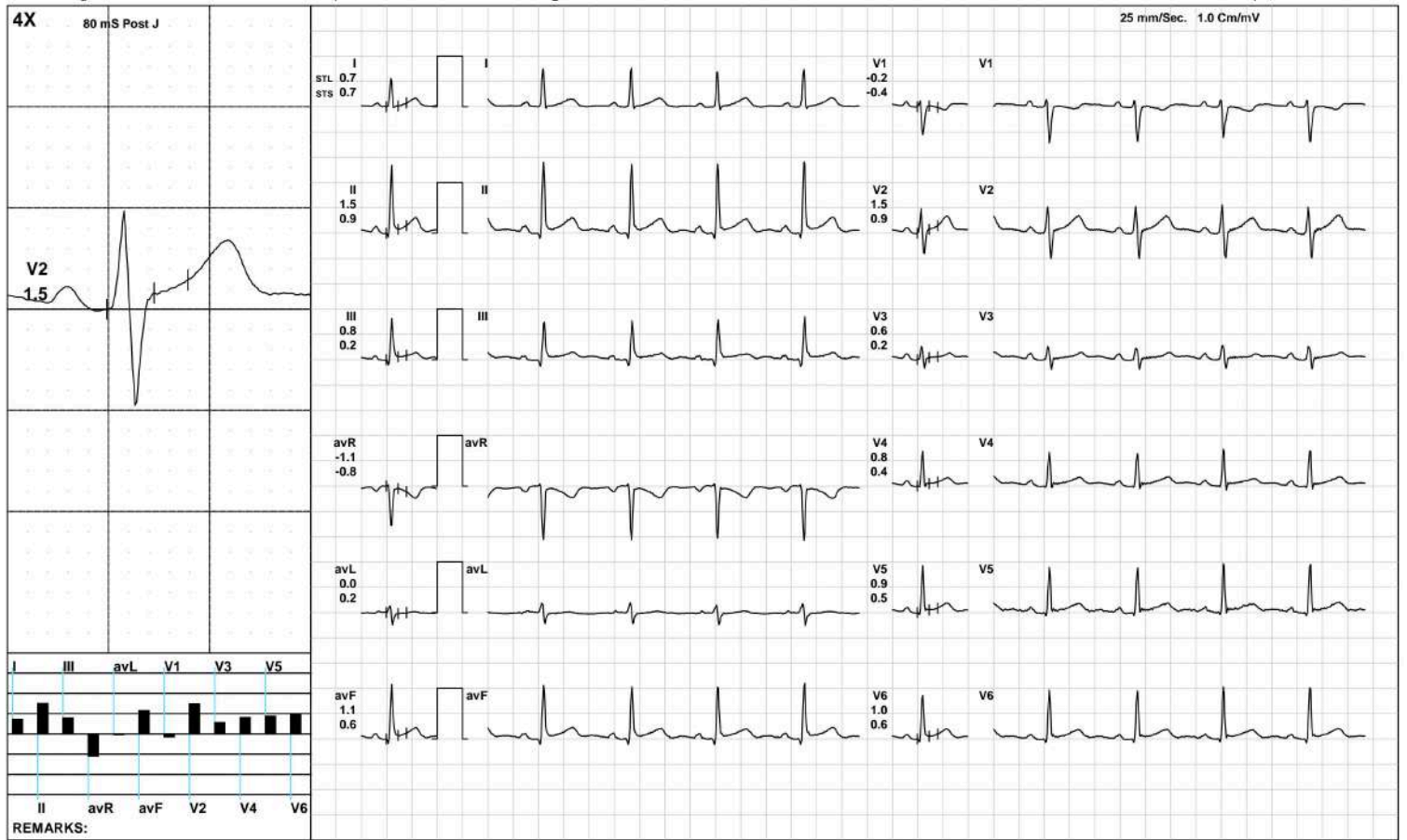
3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 86

HV



Date: 26-Aug-2024 01:10:03 PM METS: 1.0/ 86 bpm 44% 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

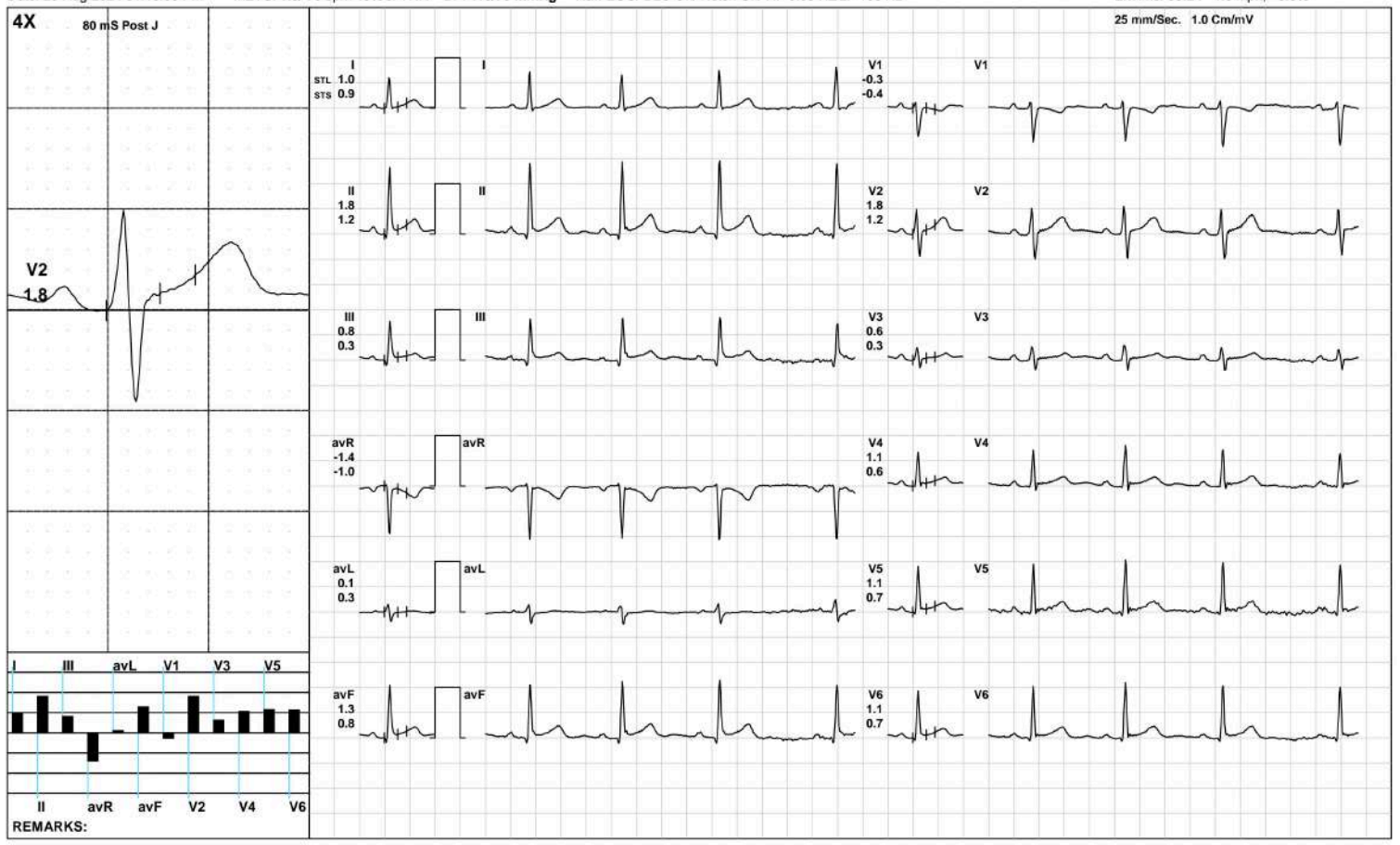
Warm Up



3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 78

Date: 26-Aug-2024 01:10:03 PM METS: 1.0/ 78 bpm 40% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:24 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 106

ExStart



Date: 26-Aug-2024 01:10:03 PM METS: 1.1/ 106 bpm 54% 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

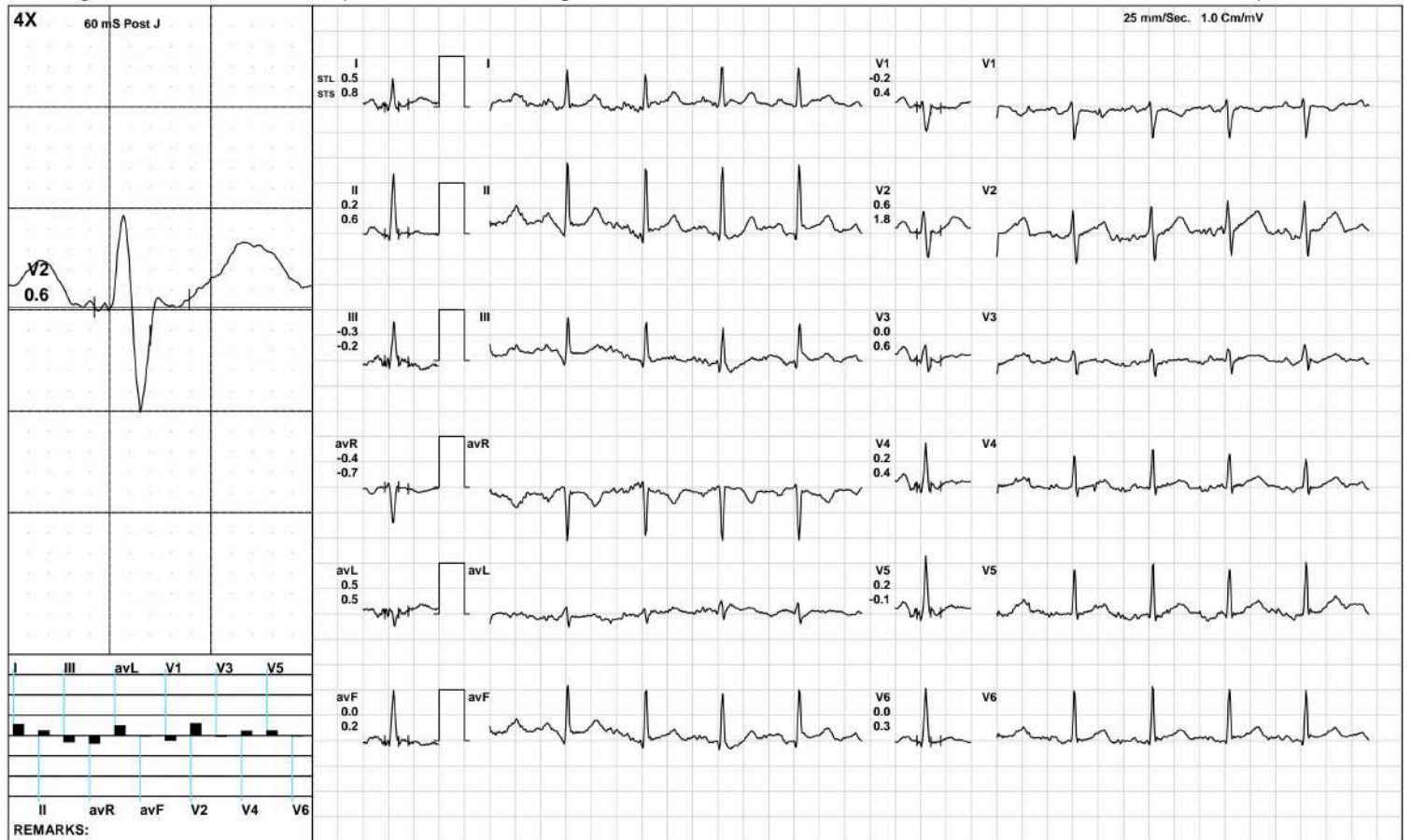
BRUCE/Stage 1(3:00)



3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 134

Date: 26-Aug-2024 01:10:03 PM METS: 4.7/ 134 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

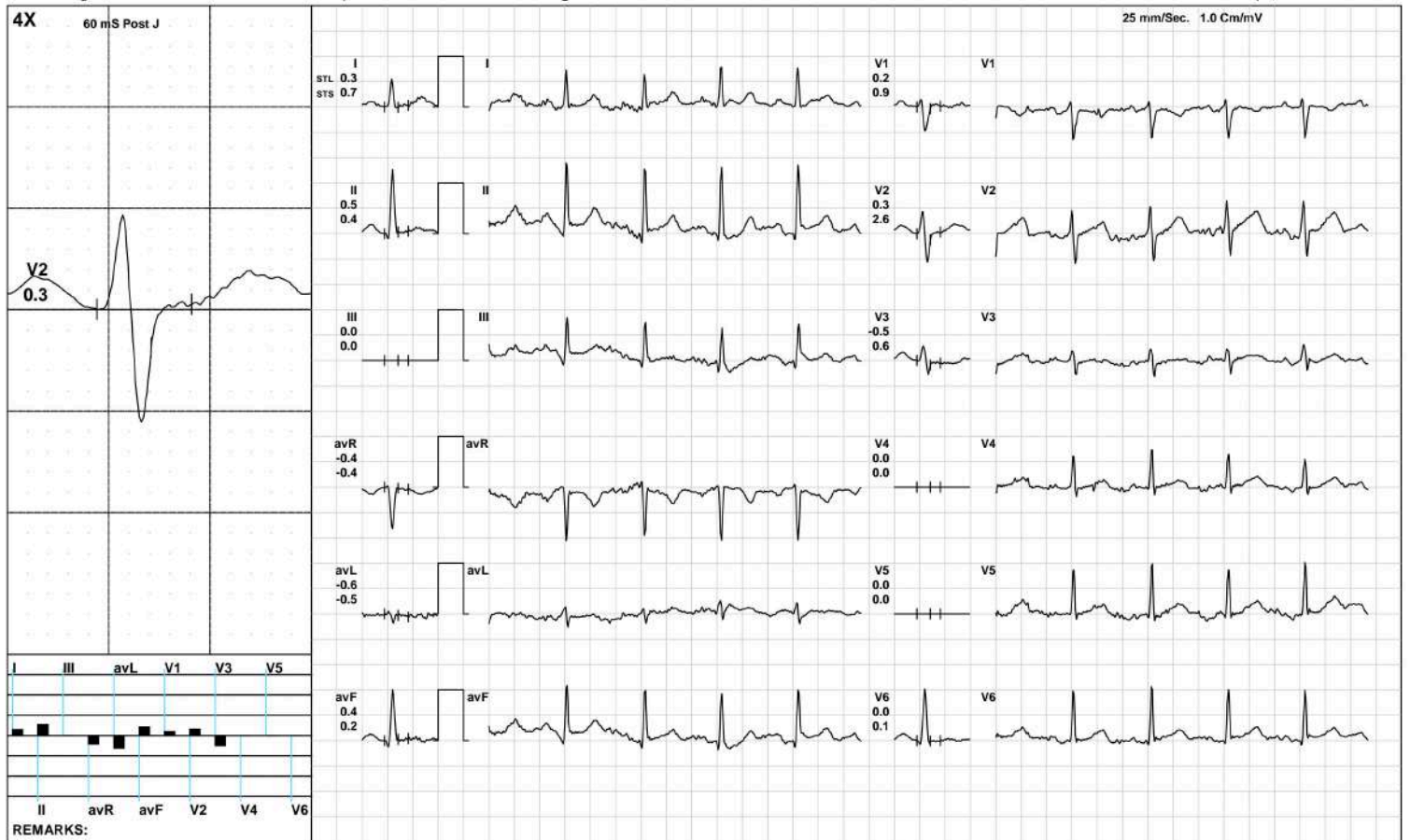
3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 133

BRUCE/:Stage 2(3:00)



Date: 26-Aug-2024 01:10:03 PM METS: 7.1/ 133 bpm 68% 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

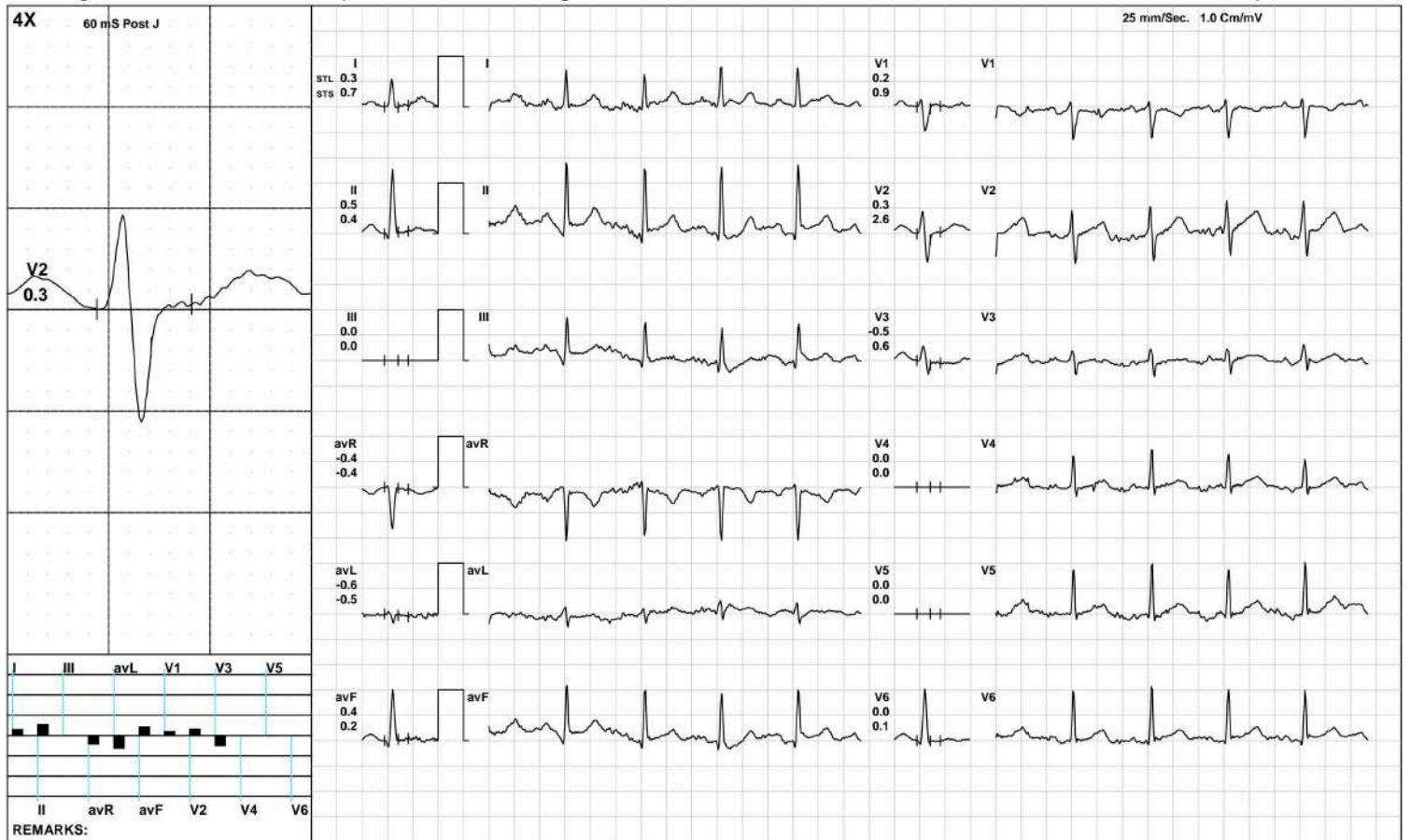
3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 133

PeakEx



Date: 26-Aug-2024 01:10:03 PM METS: 7.1/ 133 bpm 68% 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

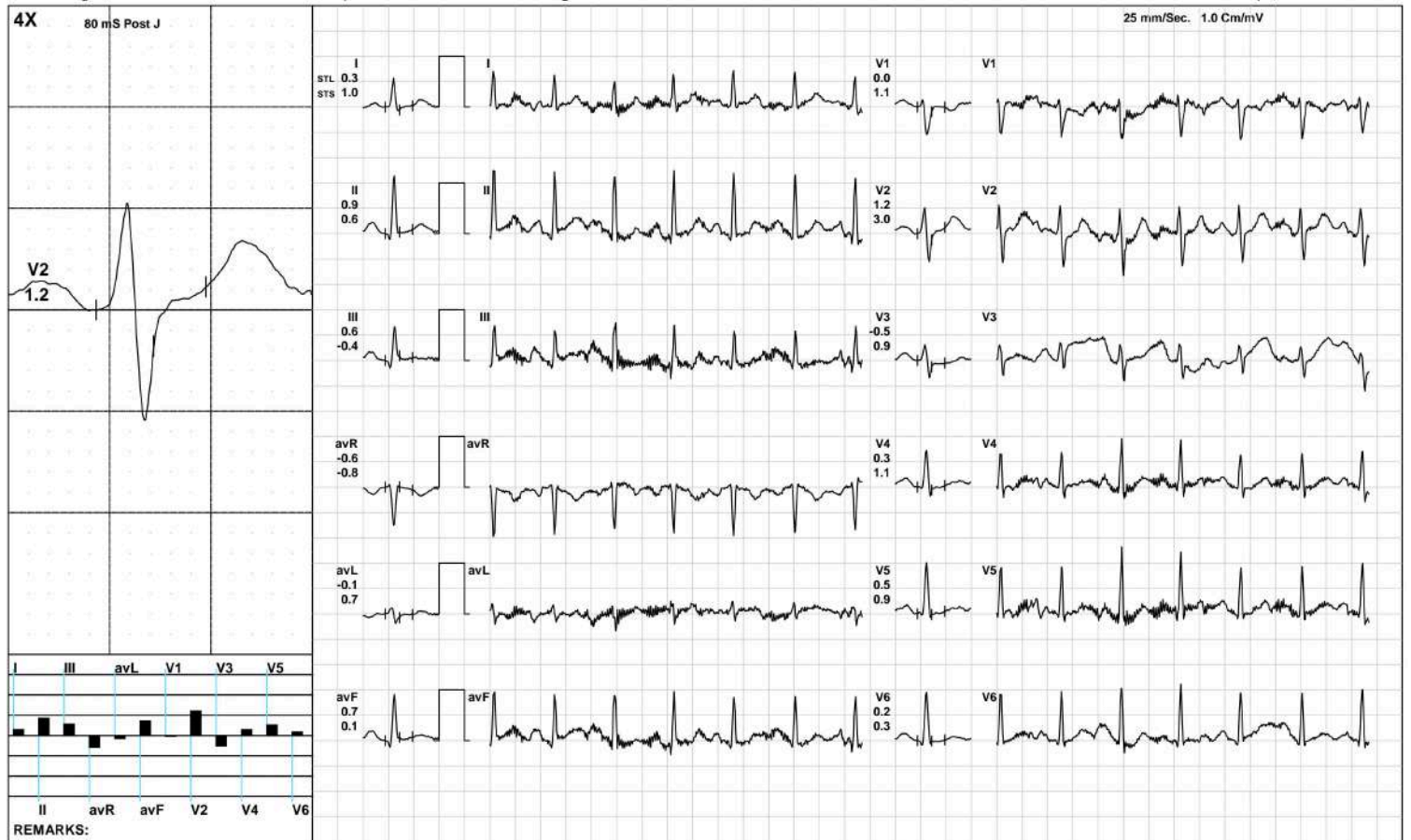
Recovery(1:00)



3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 124

Date: 26-Aug-2024 01:10:03 PM METS: 1.2/ 124 bpm 64% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

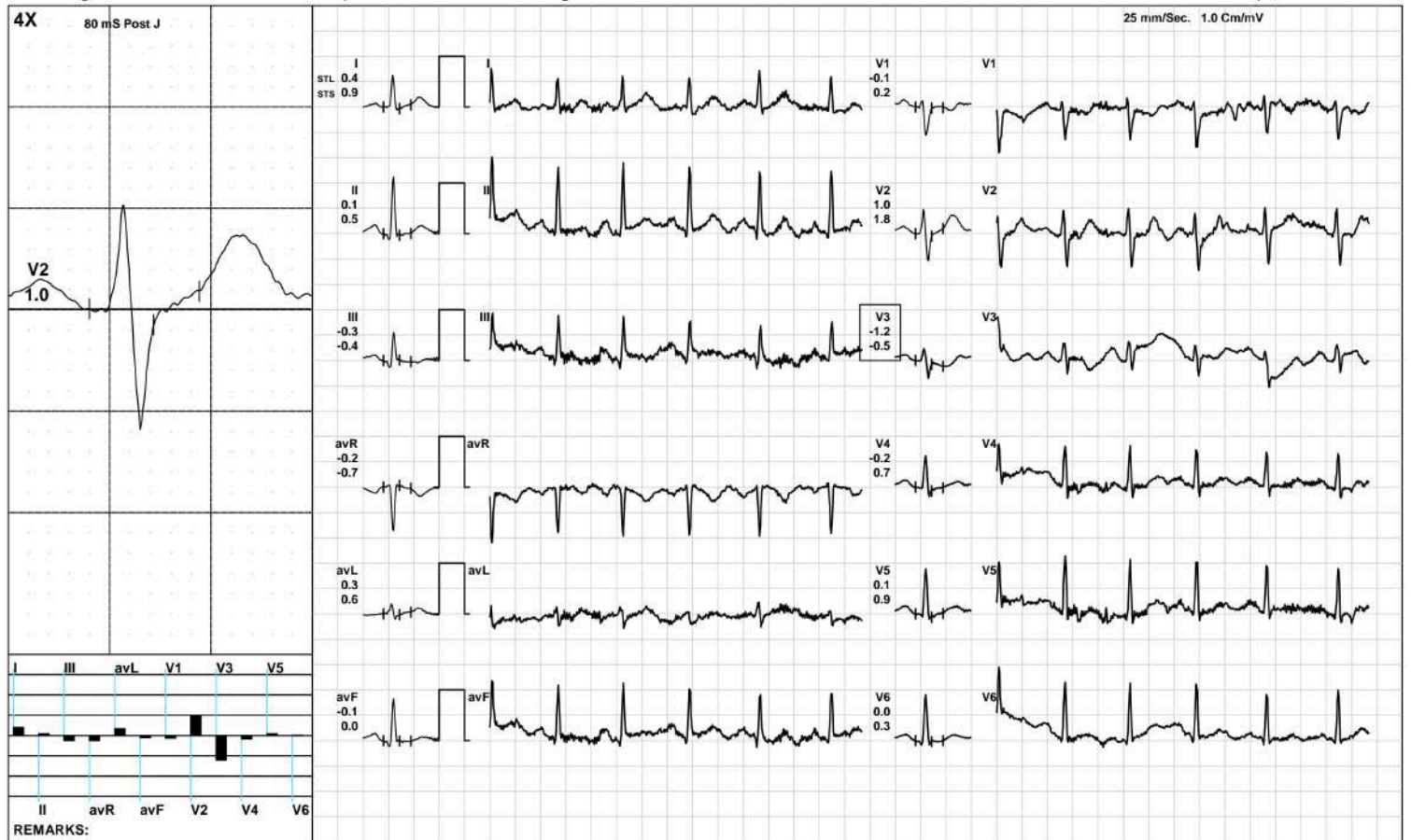
Recovery(2:00)



3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 109

Date: 26-Aug-2024 01:10:03 PM METS: 1.0/ 109 bpm 56% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

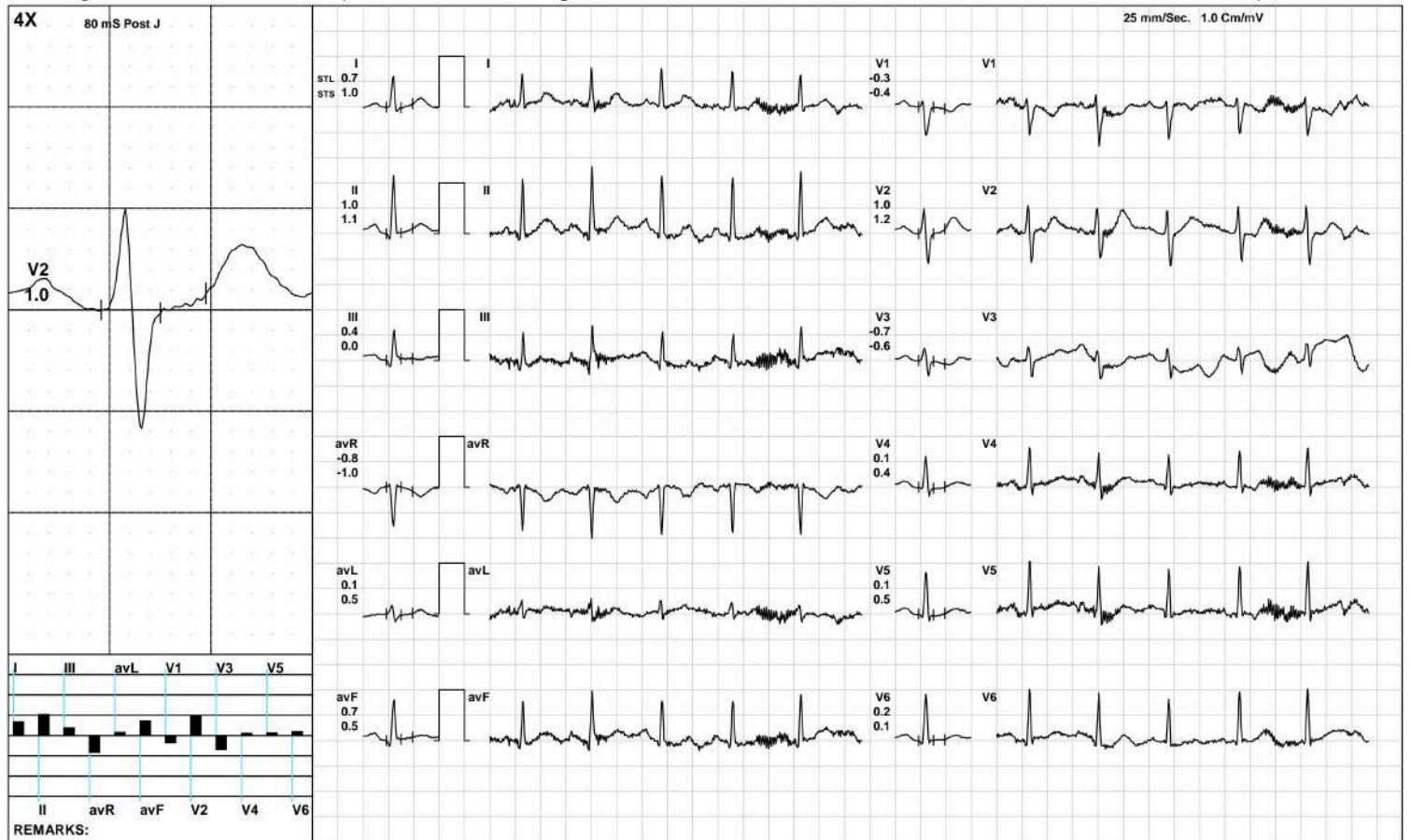
Recovery(2:18)



3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 110

Date: 26-Aug-2024 01:10:03 PM METS: 1.0/ 110 bpm 56% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:01 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

ST Measurements



3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / F / 152 Cms / 62 Kg / HR : 80

Date: 26-Aug-2024 01:10:03 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	0.7	1.5	0.8	-1.1	0.0	1.1	-0.2	1.5	0.6	0.8	0.9	1.0	0.7	0.9	0.2	-0.8	0.2	0.6	-0.4	0.9	0.2	0.4	0.5	0.6	
80 @mS Standing	0.7	1.5	0.8	-1.1	0.0	1.1	-0.2	1.5	0.6	0.8	0.9	1.0	0.7	0.9	0.2	-0.8	0.2	0.6	-0.4	0.9	0.2	0.4	0.5	0.6	
HV	0.7	1.5	0.8	-1.1	0.0	1.1	-0.2	1.5	0.6	0.8	0.9	1.0	0.7	0.9	0.2	-0.8	0.2	0.6	-0.4	0.9	0.2	0.4	0.5	0.6	
Warm Up	1.0	1.8	0.8	-1.4	0.1	1.3	-0.3	1.8	0.6	1.1	1.1	1.1	0.9	1.2	0.3	-1.0	0.3	0.8	-0.4	1.2	0.3	0.6	0.7	0.7	
ExStart	1.0	1.8	0.8	-1.4	0.1	1.3	-0.3	1.8	0.6	1.1	1.1	1.1	0.9	1.2	0.3	-1.0	0.3	0.8	-0.4	1.2	0.3	0.6	0.7	0.7	
Stage 1	0.5	0.2	-0.3	-0.4	0.5	0.0	-0.2	0.6	0.0	0.2	0.2	0.0	0.8	0.6	-0.2	-0.7	0.5	0.2	0.4	1.8	0.6	0.4	-0.1	0.3	
Stage 2	0.3	0.5	0.0	-0.4	-0.6	0.4	0.2	0.3	-0.5	0.0	0.0	0.0	0.7	0.4	0.0	-0.4	-0.5	0.2	0.9	2.6	0.6	0.0	0.0	0.1	
PeakEx	0.3	0.5	0.0	-0.4	-0.6	0.4	0.2	0.3	-0.5	0.0	0.0	0.0	0.7	0.4	0.0	-0.4	-0.5	0.2	0.9	2.6	0.6	0.0	0.0	0.1	
Recovery	0.3	0.9	0.6	-0.6	-0.1	0.7	0.0	1.2	-0.5	0.3	0.5	0.2	1.0	0.6	-0.4	-0.8	0.7	0.1	1.1	3.0	0.9	1.1	0.9	0.3	
Recovery	0.4	0.1	-0.3	-0.2	0.3	-0.1	-0.1	1.0	-1.2	-0.2	0.1	0.0	0.9	0.5	-0.4	-0.7	0.6	0.0	0.2	1.8	-0.5	0.7	0.9	0.3	
Recovery	0.7	1.0	0.4	-0.8	0.1	0.7	-0.3	1.0	-0.7	0.1	0.1	0.2	1.0	1.1	0.0	-1.0	0.5	0.5	-0.4	1.2	-0.6	0.4	0.5	0.1	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		6.4	13.2	6.8	-9.8	-0.2	10.0	-1.5	13.6	4.8	7.0	7.7	8.6
Standing		6.4	13.2	6.8	-9.8	-0.2	10.0	-1.5	13.6	4.8	7.0	7.7	8.6
HV		6.4	13.2	6.8	-9.8	-0.2	10.0	-1.5	13.6	4.8	7.0	7.7	8.6
Warm Up		7.6	14.4	6.7	-11.0	0.6	10.5	-2.0	14.8	5.0	8.2	8.9	8.9
ExStart		7.6	14.4	6.7	-11.0	0.6	10.5	-2.0	14.8	5.0	8.2	8.9	8.9
Stage 1		2.5	0.3	-2.1	-1.2	2.7	-0.9	-0.8	2.5	-0.4	1.1	1.5	-1.6
Stage 2		1.9	2.2	0.0	-2.4	-1.9	1.2	1.8	0.6	-2.9	0.0	0.0	-0.4
PeakEx		1.9	2.2	0.0	-2.4	-1.9	1.2	1.8	0.6	-2.9	0.0	0.0	-0.4
Recovery		1.0	4.4	3.4	-2.8	-1.2	3.9	-0.8	5.2	-5.1	0.5	2.1	-0.3
Recovery		3.1	0.8	-1.9	-2.0	2.6	-0.8	-0.6	6.5	-7.2	-1.0	0.8	0.0
Recovery		3.3	6.2	2.9	-4.6	0.2	4.5	-2.9	5.8	-4.4	-0.7	-0.9	1.8

Median Measurement Summary



3072 / MRS.PRATIKSHA KUMARI / 27 Yrs / Female / 152 Cm / 62 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	117	116	60	62	451	251	1287	-977	309	-136	V1	-58	0.00	0	0
01:00	122	138	58	61	448	242	1259	-962	165	-103	V1	-63	0.00	0	0
01:30	130	144	58	65	163	355	1277	-887	660	-56	V3	-109	0.00	0	0
02:00	124	136	60	60	362	168	1200	-878	214	-179	V3	-83	0.00	0	0
02:30	126	136	60	62	362	210	1191	-903	220	-179	V3	-83	0.00	0	0
03:00	134	112	56	62	318	210	1191	-903	220	-179	V1	-83	0.00	0	0
03:30	133	138	58	61	351	306	1283	-918	254	-152	V1	-87	0.00	0	0
04:00	133	138	58	61	294	306	1283	-573	236	-113	V3	-47	0.00	0	0
04:30	133	138	58	61	294	306	1283	-573	236	-113	V3	-47	0.00	0	0
05:00	133	138	58	61	330	182	1283	-573	220	-113	V3	-47	0.00	0	0
05:30	133	138	58	61	330	182	1283	-573	220	-113	V3	-47	0.00	0	0
06:00	133	138	58	61	330	182	1283	-573	220	-113	V3	-47	0.00	0	0
06:30	139	138	58	63	330	239	1224	-871	291	-113	V3	-47	0.00	0	0
07:00	124	100	58	58	327	260	1197	-896	335	-192	V3	-62	0.00	0	0
07:30	122	160	58	64	322	296	1257	-936	343	-171	V1	-70	0.00	0	0
08:00	109	170	58	62	351	265	1255	-950	341	-162	V3	-114	0.00	0	0



MC-2024

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Regd. Office : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
CIN: U85195GJ2009PLC057059



40804100641

TEST REPORT

Reg.No : 40804100641	Reg.Date : 27-Aug-2024 13:53	Collection : 27-Aug-2024 13:53
Name : PRATIKSHA KUMARI		Received : 27-Aug-2024 13:53
Age : 28 Years	Sex : Female	Report : 27-Aug-2024 15:26
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 27-Aug-2024 15:47
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	1.03	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	8.04	µg/dL	5.5 - 11.0
TSH (Thyroid stimulating hormone) <small>CMIA</small>	2.039	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 Edition. Philadelphia: WB Saunders,2012:2170

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

Dr. Hiral Arora
M.D. Biochemistry
Reg. No.- G-32999