



भारत-सरकार  
GOVERNMENT OF INDIA



कृति सिन्हा  
Kriti Sinha  
जन्म तिथि/ DOB: 05/12/1992  
महिला / FEMALE



6034 8160 8655

आधार-आम आदमी का अधिकार

29-10-2023 09:39:55 AM 12

ID: 134

KRTI SINHA

Female 30 Years

Diagnosis Information:

Sinus Bradycardia with Sinus Arrhythmia

HR : 58 bpm

P : 94 ms

PR : 184 ms

QRS : 80 ms

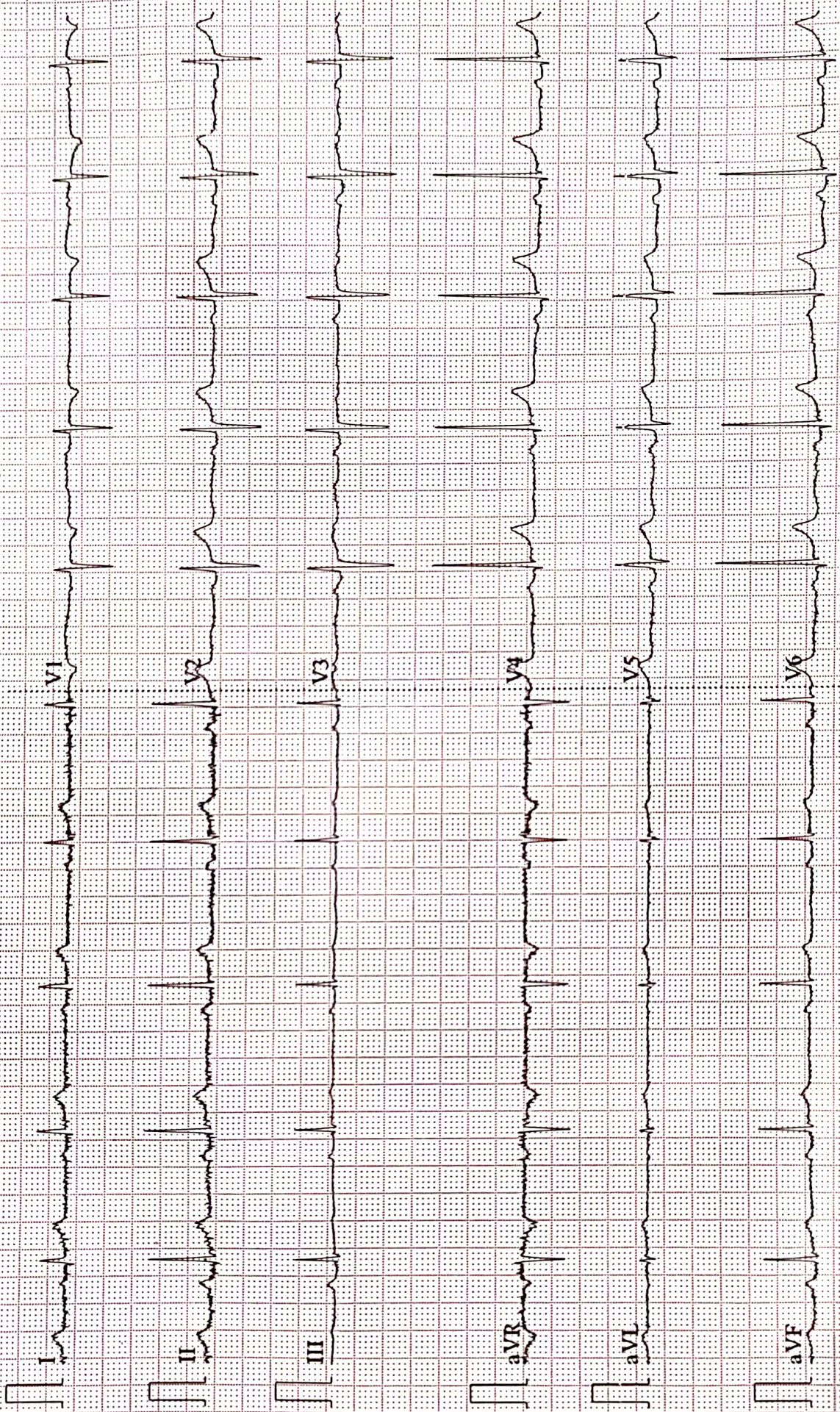
QT/QTc : 374/369 ms

P/QRS/T : 61/70/43 °

RV5/SV1 : 0.735/0.733 mV

Ref-Phys. :

Report Confirmed by:





Name :- Kriti Sinha  
Refd by :- Corp.

Age/Sex:- 30Yrs/F  
Date :-29/10/23

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (11.8cm) 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 (10.9 cm) 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 10.4cm and Left Kidney measures 10.4cm.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Normal in size (6.2cm x 2.8cm) and anteverted in position with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 27mm x 17mm and Left ovary measures 26mm x 16mm.  
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. U. Kumar*  
**MBBS, MD (Radio-Diagnosis)**  
**Consultant Radiologist**



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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>29/10/2023</b>	<b>Srl No.</b>	<b>9</b>	<b>Patient Id</b>	<b>2310290009</b>
<b>Name</b>	<b>Mrs. KRITI SINHA</b>	<b>Age</b>	<b>30 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	5.1	%	

**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**



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<b>Date</b>	<b>29/10/2023</b>	<b>Srl No. 9</b>	<b>Patient Id 2310290009</b>
<b>Name</b>	<b>Mrs. KRITI SINHA</b>	<b>Age 30 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	<b>11.3</b>	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	6,000	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	60	%	40 - 75
LYMPHOCYTE	35	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	<b>3.79</b>	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	<b>33.9</b>	%	35 - 45
M C V	89.45	fl.	80 - 100
M C H	29.82	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.01	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	75.7	mg/dl	70 - 110
SERUM CREATININE	0.79	mg%	0.5 - 1.3
BLOOD UREA	16.5	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.6	mg%	2.5 - 6.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



<b>Date</b>	<b>29/10/2023</b>	<b>Srl No. 9</b>	<b>Patient Id 2310290009</b>
<b>Name</b>	<b>Mrs. KRITI SINHA</b>	<b>Age 30 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.69	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.29	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.4	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.8	gm/dl	6.6 - 8.3
ALBUMIN	4.1	gm/dl	3.4 - 5.2
GLOBULIN	2.7	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.519</b>		
SGOT	15.1	IU/L	5 - 35
SGPT	17.0	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	58.2	U/L	35.0 - 104.0
GAMMA GT	23.1	IU/L	6.0 - 42.0

#### **LFT INTERPRET**

#### **LIPID PROFILE**

TRIGLYCERIDES	90.3	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	174.6	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	51.0	mg/dL	35.1 - 88.0
V L D L	18.06	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	105.54	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.424		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.069		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



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

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.030		
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.



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<b>Ref. By</b>	<b>Dr.BOB</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**



**AAROGYAM DIAGNOSTICS**  
**PATNA**

**Report**



(GEM212170906)(R)Kardic by Allengers

2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg Date: 29-Oct-2023 Technician : RESHMA ALI

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:09	0:01	00.0	00.0	01.0	79	42 %	110/70	086	00	
Standing	00:20	0:01	00.0	00.0	01.0	79	42 %	110/70	086	00	
HV	00:32	0:01	00.0	00.0	01.0	077	41 %	110/70	084	00	
Warm Up	01:38	0:01	01.0	00.0	01.0	096	51 %	110/70	105	00	
ExStart	02:02	0:07	01.7	10.0	01.1	113	59 %	110/70	124	00	
BRUCE/ Stage 1	05:02	3:00	01.7	10.0	04.7	138	73 %	115/75	158	00	
BRUCE/ Stage 2	08:02	3:00	02.5	12.0	07.1	153	81 %	120/80	183	00	
PeakEx	08:17	0:15	03.4	14.0	07.4	165	87 %	120/80	198	00	
Recovery	09:16	1:00	01.1	00.0	01.2	136	72 %	115/75	156	00	
Recovery	10:16	2:00	01.1	00.0	01.0	121	64 %	110/70	133	00	
Recovery	10:19	2:02	01.1	00.0	01.0	120	63 %	110/70	132	00	

**Findings :**

Exercise Time : 06:16  
Max HR Attained : 165 bpm 87% of Target 190  
Max BP Attained : (Sys) 120/80  
Max WorkLoad Attained : 7.4 Fair response to induced stress  
Max ST Dep Lead & Value : V1 & -0.4 mm in Warm Up mm  
Test End Reasons : Test Complete

**Report :**

**AAROGYAM DIAGNOSTICS**

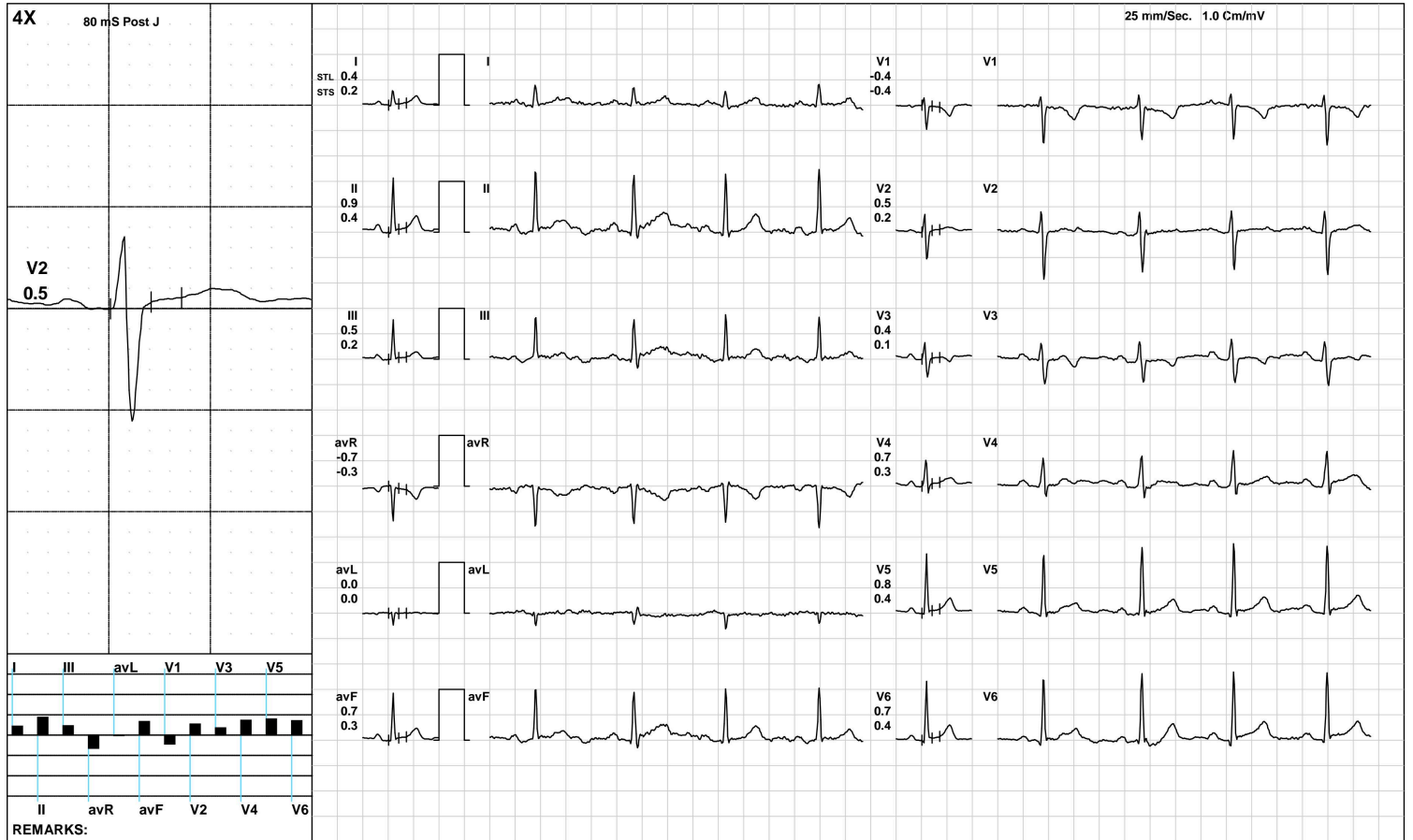
2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 79

Supine



Date: 29-Oct-2023 11:25:00 AM METS: 1.0/ 79 bpm 41% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:09 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

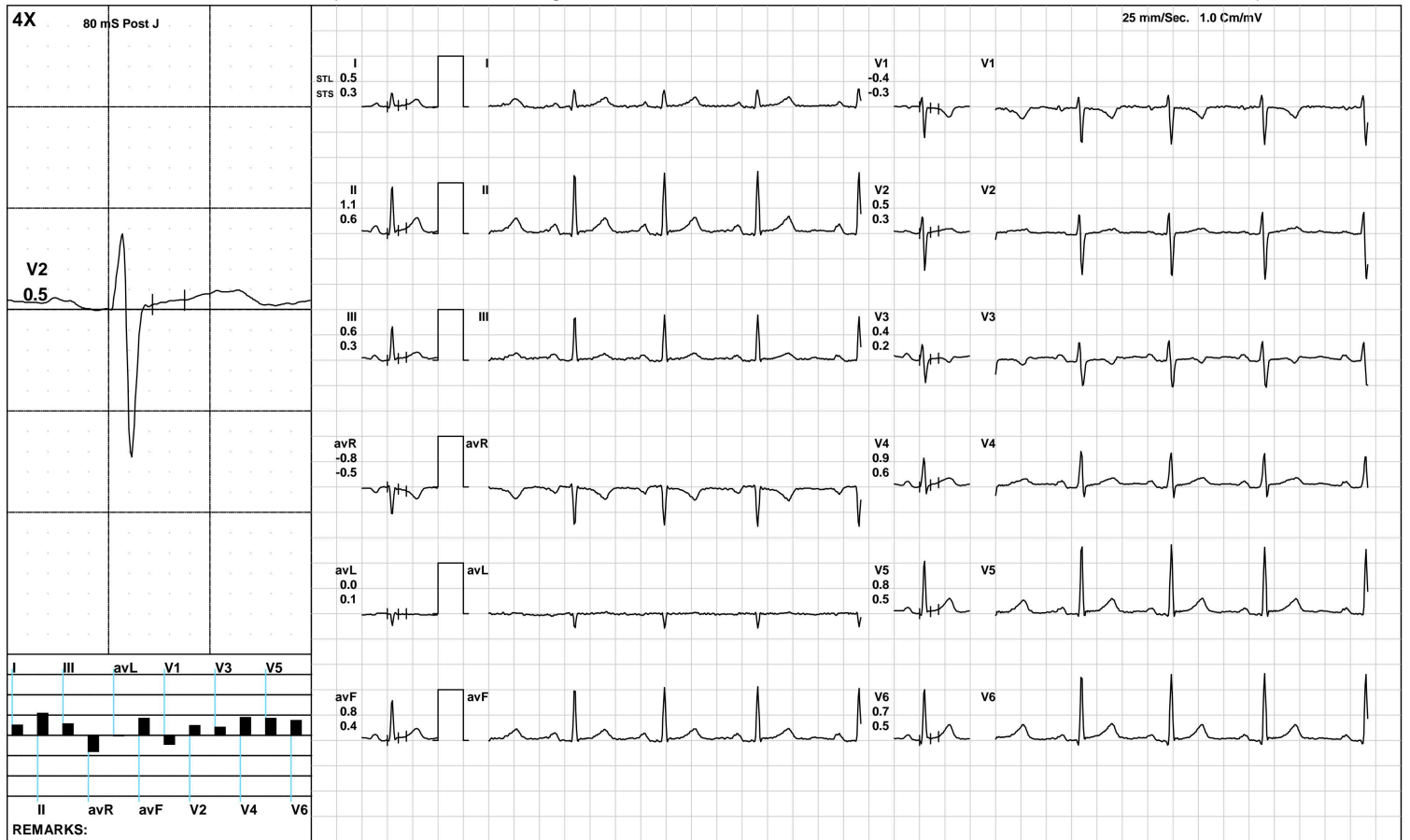
Standing



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 79

Date: 29-Oct-2023 11:25:00 AM METS: 1.0/ 79 bpm 41% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:20 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

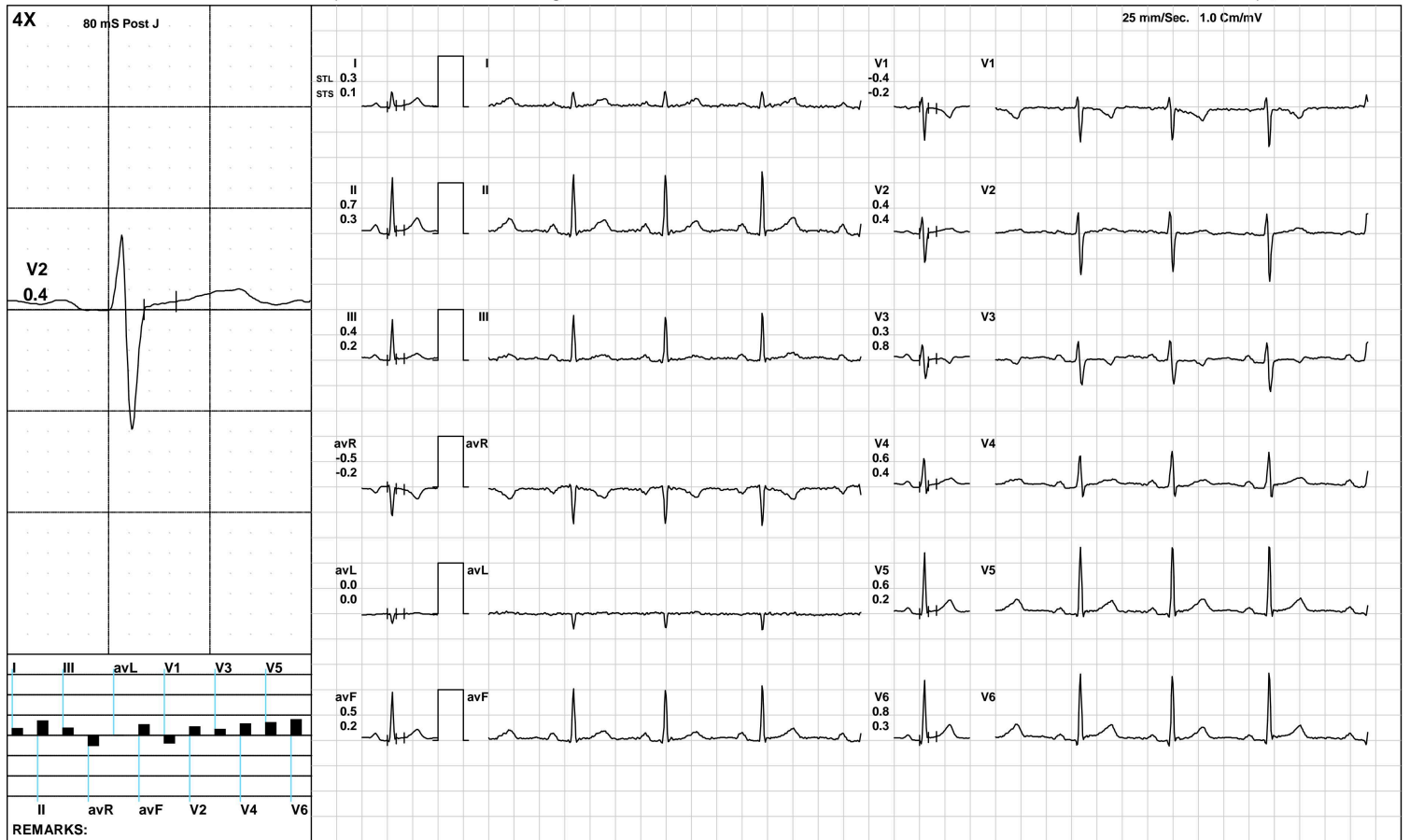
HV



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 77

Date: 29-Oct-2023 11:25:00 AM METS: 1.0/ 77 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%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

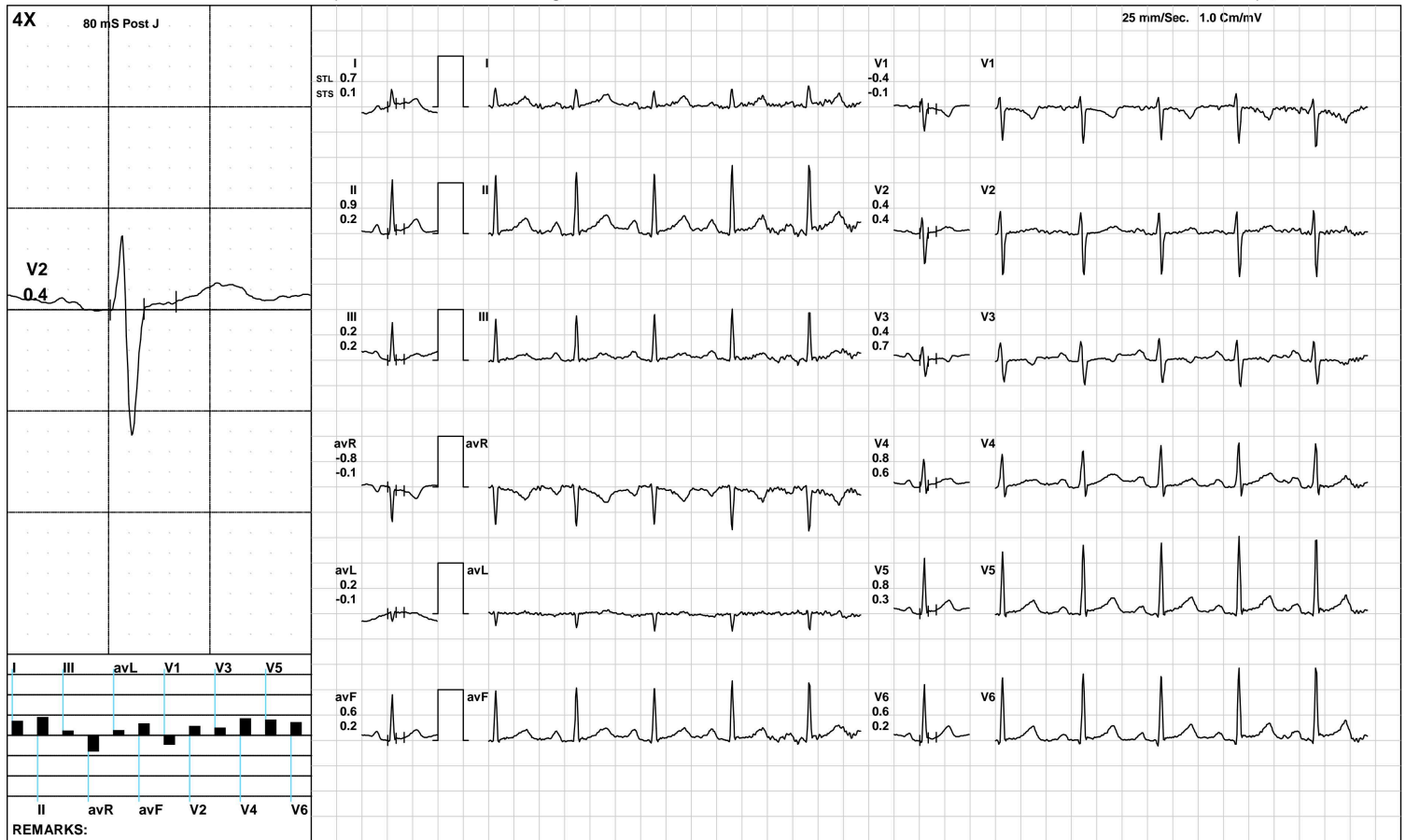
Warm Up



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 96

Date: 29-Oct-2023 11:25:00 AM METS: 1.0/ 96 bpm 50% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 01:38 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

ExStart



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 113

Date: 29-Oct-2023 11:25:00 AM METS: 1.1/ 113 bpm 59% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:07 1.7 mph, 10.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

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



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 138

Date: 29-Oct-2023 11:25:00 AM METS: 4.7/ 138 bpm 72% 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**

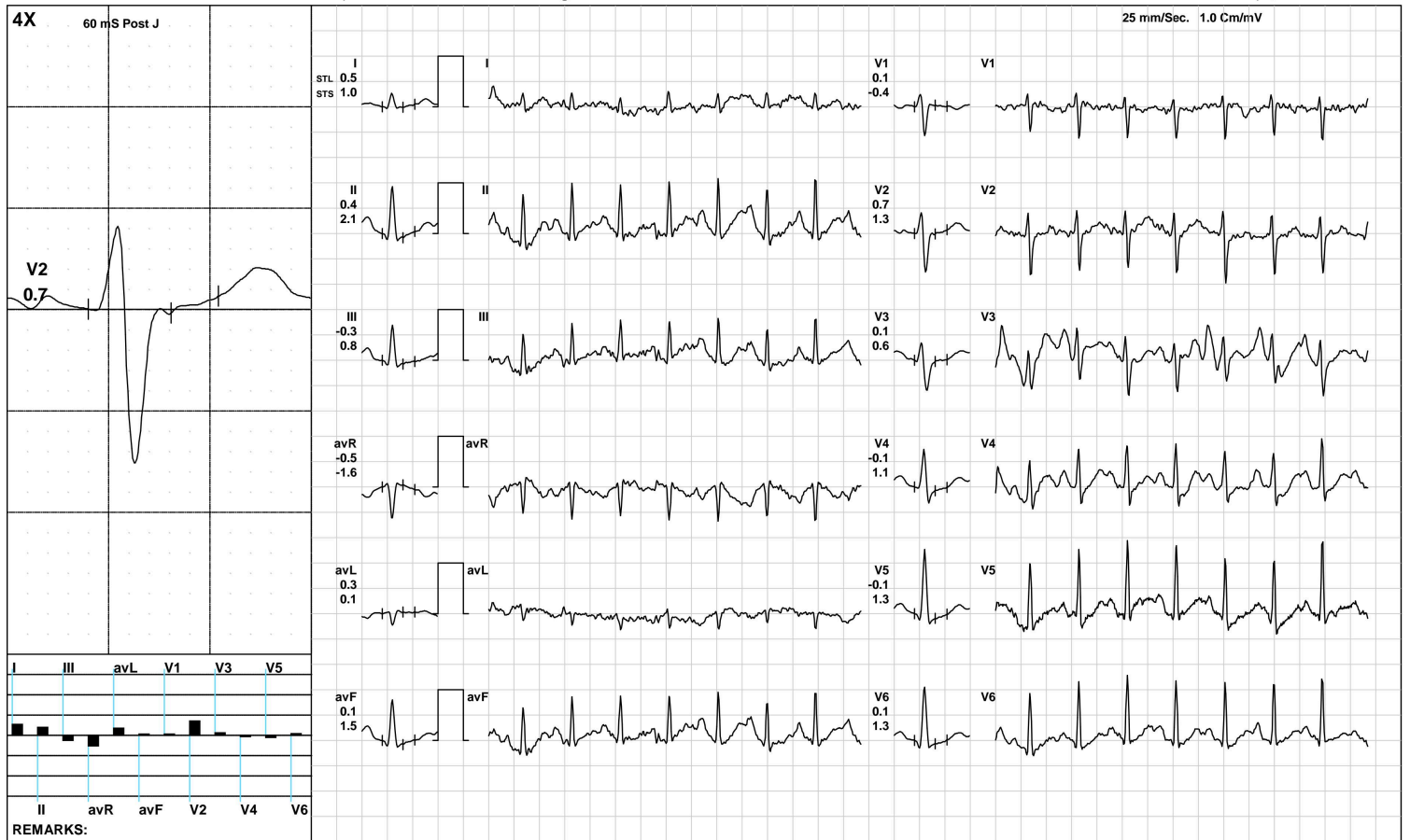
**BRUCE/:Stage 2(3:00)**



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 153

Date: 29-Oct-2023 11:25:00 AM METS: 7.1/ 153 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**

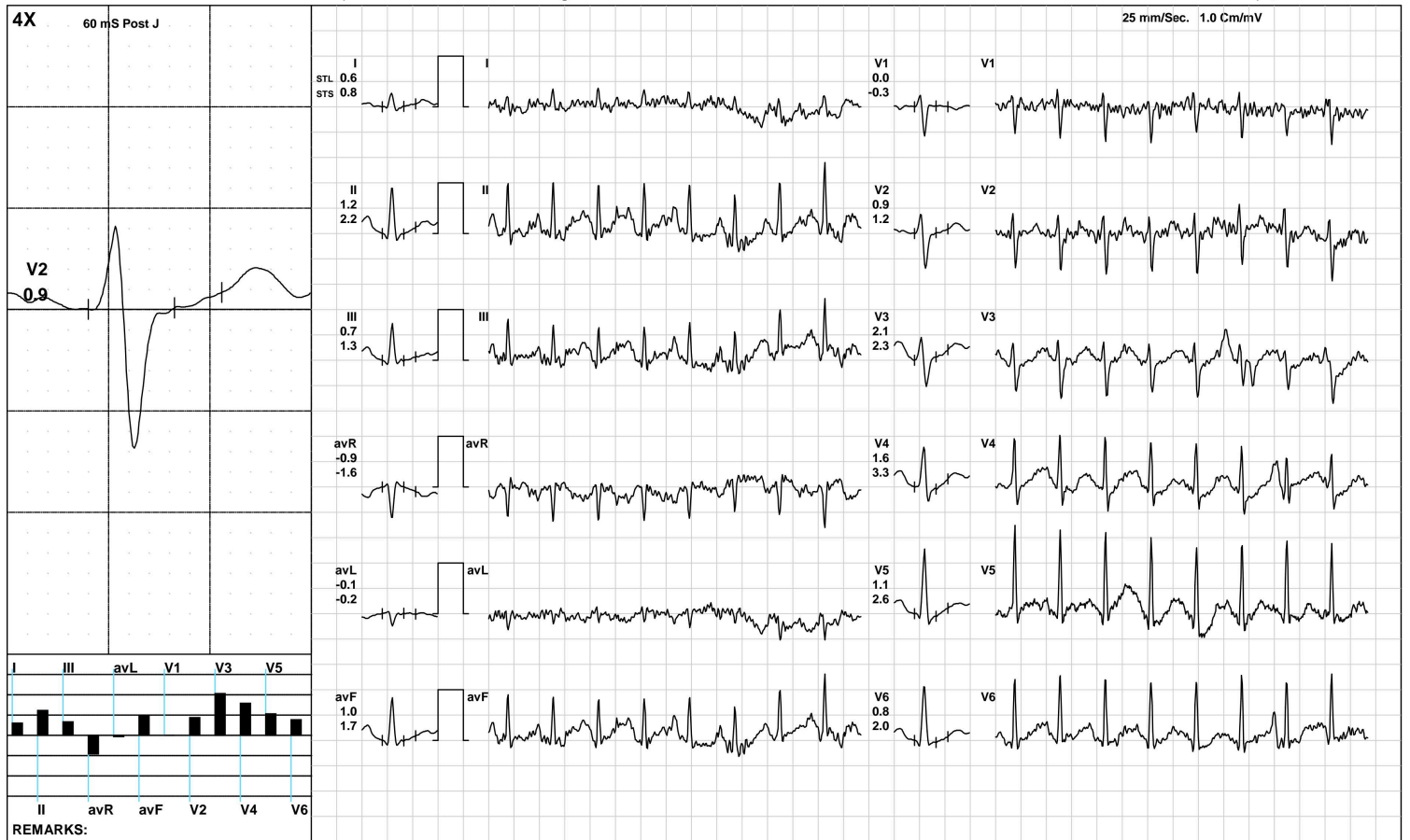
**PeakEx**



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 165

Date: 29-Oct-2023 11:25:00 AM METS: 7.4/ 165 bpm 86% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:15 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

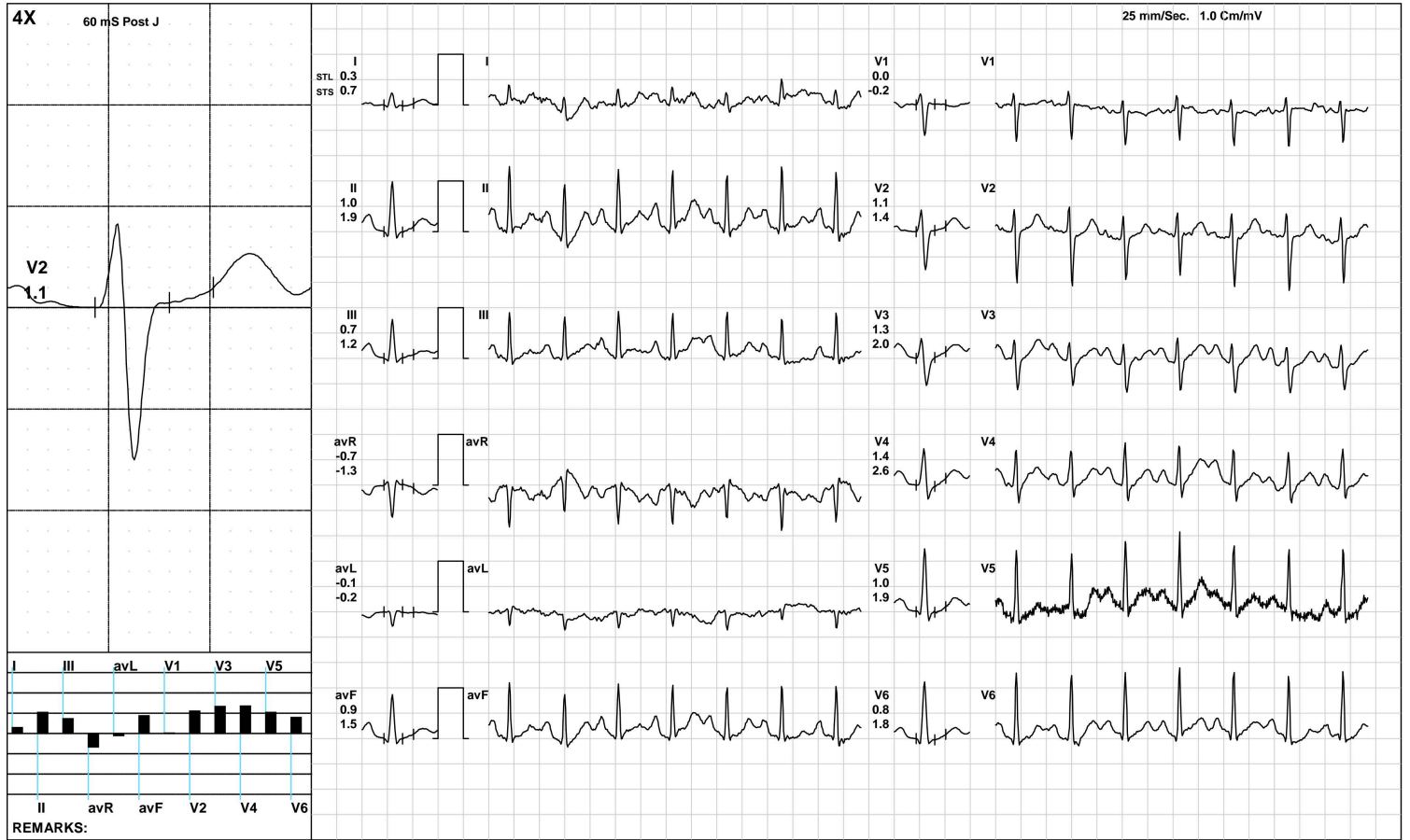
2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 136

Recovery(1:00)



Date: 29-Oct-2023 11:25:00 AM METS: 1.2/ 136 bpm 71% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:16 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

Recovery(2:00)



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 121

Date: 29-Oct-2023 11:25:00 AM METS: 1.0/ 121 bpm 63% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:16 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

Recovery(2:02)



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 120

Date: 29-Oct-2023 11:25:00 AM METS: 1.0/ 120 bpm 63% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:16 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

**ST Measurements**



2301 / KIRTI SINHA / 30 Yrs / F / 154 Cms / 51 Kg / HR : 82

Date: 29-Oct-2023 11:25:00 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	0.9	0.5	-0.7	0.0	0.7	-0.4	0.5	0.4	0.7	0.8	0.7	0.2	0.4	0.2	-0.3	0.0	0.3	-0.4	0.2	0.1	0.3	0.4	0.4	
80 @mS Standing	0.4	0.9	0.5	-0.7	0.0	0.7	-0.4	0.5	0.4	0.7	0.8	0.7	0.2	0.4	0.2	-0.3	0.0	0.3	-0.4	0.2	0.1	0.3	0.4	0.4	
HV	0.3	0.7	0.4	-0.5	0.0	0.5	-0.4	0.4	0.3	0.6	0.6	0.8	0.1	0.3	0.2	-0.2	0.0	0.2	-0.2	0.4	0.8	0.4	0.2	0.3	
Warm Up	0.7	0.9	0.2	-0.8	0.2	0.6	-0.4	0.4	0.4	0.8	0.8	0.6	0.1	0.2	0.2	-0.1	-0.1	0.2	-0.1	0.4	0.7	0.6	0.3	0.2	
ExStart	1.0	2.0	1.0	-1.5	0.0	1.5	-0.4	0.2	0.4	1.1	1.4	1.5	0.3	0.9	0.6	-0.6	-0.2	0.8	-0.6	0.0	-0.2	0.1	0.7	0.0	
Stage 1	0.5	0.9	0.5	-0.7	0.0	0.7	-0.1	0.1	0.3	0.5	0.5	0.3	0.7	2.4	1.6	-1.6	-0.5	2.0	-0.4	0.5	0.6	1.1	0.8	0.8	
Stage 2	0.5	0.4	-0.3	-0.5	0.3	0.1	0.1	0.7	0.1	-0.1	-0.1	0.1	1.0	2.1	0.8	-1.6	0.1	1.5	-0.4	1.3	0.6	1.1	1.3	1.3	
PeakEx	0.6	1.2	0.7	-0.9	-0.1	1.0	0.0	0.9	2.1	1.6	1.1	0.8	0.8	2.2	1.3	-1.6	-0.2	1.7	-0.3	1.2	2.3	3.3	2.6	2.0	
Recovery	0.3	1.0	0.7	-0.7	-0.1	0.9	0.0	1.1	1.3	1.4	1.0	0.8	0.7	1.9	1.2	-1.3	-0.2	1.5	-0.2	1.4	2.0	2.6	1.9	1.8	
Recovery	0.6	1.5	0.9	-1.0	-0.2	1.2	-0.2	1.2	1.6	1.6	1.0	0.9	0.7	1.7	1.0	-1.2	-0.2	1.3	-0.3	1.4	1.7	2.0	1.7	1.2	
Recovery	0.6	1.5	0.9	-1.0	-0.2	1.2	-0.2	1.2	1.6	1.6	1.0	0.9	0.7	1.7	1.0	-1.2	-0.2	1.3	-0.3	1.4	1.7	2.0	1.7	1.2	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	5.8	10.9	5.2	-8.3	0.2	8.0	-5.8	5.1	2.0	7.5	9.6	9.0
Standing	5.8	10.9	5.2	-8.3	0.2	8.0	-5.8	5.1	2.0	7.5	9.6	9.0
HV	3.3	7.2	3.8	-5.2	-0.3	5.5	-4.0	3.7	2.0	5.6	6.4	7.6
Warm Up	6.2	8.8	2.7	-7.4	1.7	5.7	-4.5	4.2	2.2	6.9	7.5	6.9
ExStart	8.4	15.2	6.8	-11.8	0.9	11.1	-3.9	1.5	2.8	8.5	12.0	13.4
Stage 1	1.7	1.8	0.4	-1.6	0.5	1.1	-0.1	0.0	1.0	0.9	1.5	0.4
Stage 2	1.4	-0.8	-2.5	-0.5	1.7	-1.6	0.9	1.9	0.0	-2.4	-3.5	-2.3
PeakEx	2.1	3.4	1.6	-2.6	0.1	2.5	0.8	2.7	7.4	3.1	2.1	1.1
Recovery	-0.1	2.8	2.7	-1.4	-0.9	2.8	0.8	3.7	4.7	3.5	2.4	1.6
Recovery	3.1	8.4	5.4	-5.7	-1.2	6.9	-0.9	6.5	8.6	8.2	4.4	5.3
Recovery	3.1	8.4	5.4	-5.7	-1.2	6.9	-0.9	6.5	8.6	8.2	4.4	5.3

**Median Measurement Summary**



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	80	264	50	72	330	195	1285	-933	283	-27	V1	-54	0.00	0	0
01:00	85	262	70	66	420	180	1233	-934	312	-30	V1	-51	0.00	0	0
01:30	99	160	70	70	446	284	1381	-939	350	-56	V1	-66	0.00	0	0
02:00	114	158	66	73	473	350	1322	-818	-275	-43	V1	-81	0.00	0	0
02:30	123	162	70	72	441	267	1294	-792	-245	-71	V1	-122	0.00	0	0
03:00	141	140	48	76	392	331	1314	-819	272	-415	V3	-36	0.00	0	0
03:30	142	122	66	74	430	292	1282	-788	258	-15	V1	-32	0.00	0	0
04:00	134	134	70	73	434	347	1268	-801	304	-25	V1	-35	0.00	0	0
04:30	138	136	70	74	435	356	1245	-845	288	-20	V1	-17	0.00	0	0
05:00	147	124	48	74	407	335	1337	-839	226	-116	V6	-77	0.00	0	0
05:30	151	120	48	76	408	300	1324	-831	271	-342	V4	-50	0.00	0	0
06:00	150	122	70	80	353	327	1315	-794	234	-22	avL	-44	0.00	0	0
06:30	154	110	48	75	365	359	1317	-814	241	-215	V5	-50	0.00	0	0
07:00	155	122	68	75	405	309	1301	-784	216	-192	V5	-53	0.00	0	0
07:30	155	110	48	71	161	319	1279	-791	231	-197	V5	-45	0.00	0	0
08:00	167	108	66	104	432	343	1290	-809	275	-100	V3	-90	0.00	0	0
08:30	145	120	46	78	398	399	1279	-880	301	-26	V1	-44	0.00	0	0
09:00	138	140	48	73	325	411	1379	-924	364	-62	V1	-58	0.00	0	0
09:30	122	148	48	71	347	444	1374	-1026	406	-125	V1	-99	0.00	0	0



Lab Facility : Unipath House, Besides Sahjanand College, Opp. Kamdhenu Complex, Panjarapole, Ambawadi, Ahmedabad-380015 Gujarat  
 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



31004100462

**TEST REPORT**

<b>Reg.No</b> : 31004100462	<b>Reg.Date</b> : 30-Oct-2023 14:21	<b>Collection</b> : 30-Oct-2023 14:21
<b>Name</b> : MRS. KRITI SINHA		<b>Received</b> : 30-Oct-2023 14:21
<b>Age</b> : 30 Years	<b>Sex</b> : Female	<b>Report</b> : 30-Oct-2023 16:01
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 30-Oct-2023 16:21
<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>	0.98	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	7.68	µg/dL	5.5 - 11.0
TSH (Thyroid stimulating hormone) <small>CMIA</small>	1.566	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. Avani Patel**

M.D. Biochemistry

Reg No.- G-34103