

BOB



भारत सरकार  
GOVERNMENT OF INDIA



विकाश कुमार नायक  
Vikash Kumar Nayak  
जन्म तिथि/ DOB: 15/12/1988  
पुरुष / MALE



8866 8297 4756

आधार-आम आदमी का अधिकार

ID: 103

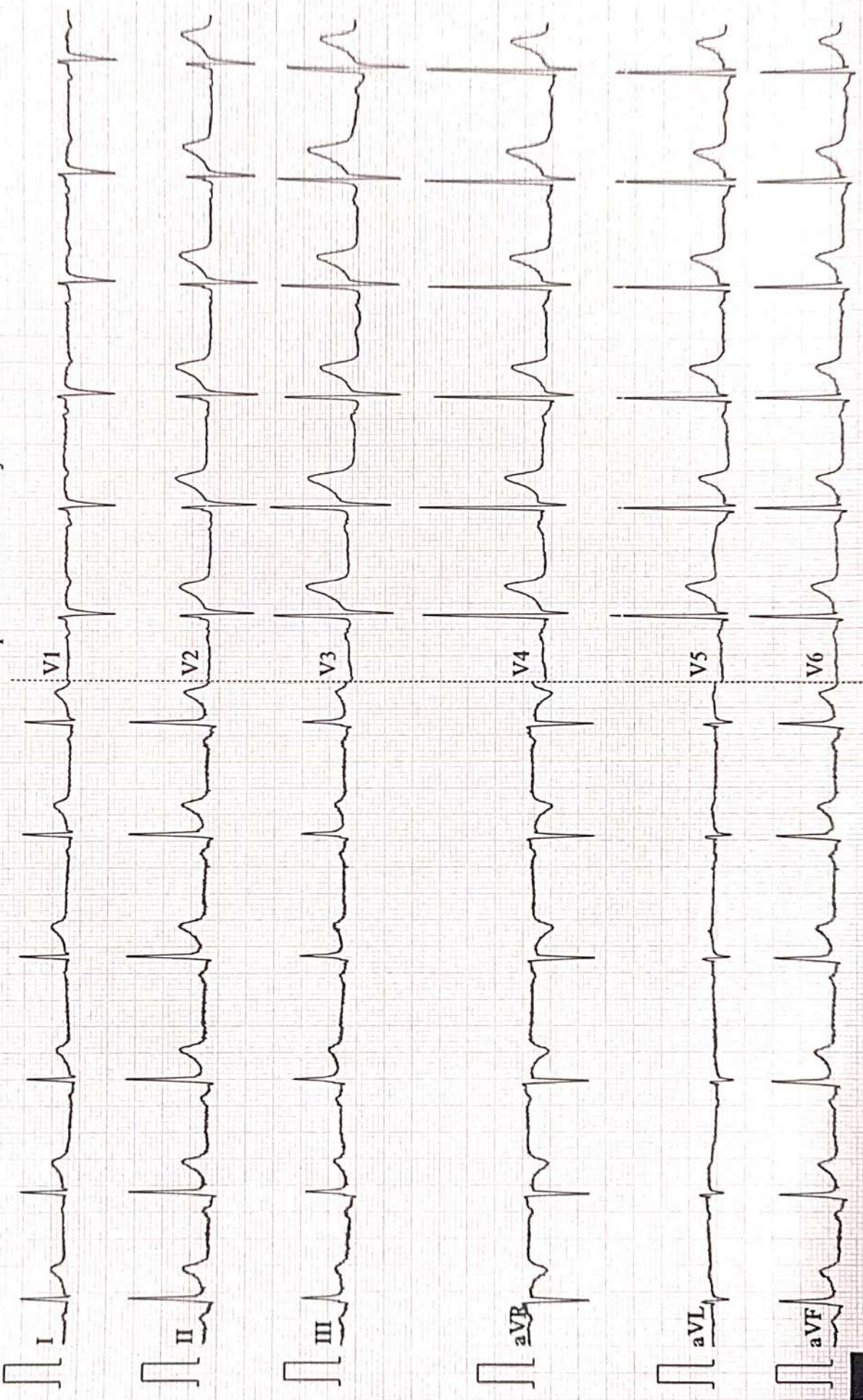
VIKASH KR. NAYAK  
Male 34Years

27-08-2023 10:08:14 AM

HR : 71 bpm  
 P : 104 ms  
 PR : 155 ms  
 QRS : 91 ms  
 QT/QTc : 355/386 ms  
 P/QRS/T : 69/60/57 °  
 RV5/SV1 : 1.969/0.878 mV

**Diagnosis Information:**  
 Sinus Arrhythmia  
 Slight ST Elevation(II,aVF)

Ref-Phys. :  
 Report Confirmed by:



**AAROGYAM DIAGNOSTICS**  
**PATNA**

**Report**



(GEM212170906)(R)Kardic by Allengers

2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg Date: 27-Aug-2023 Technician : ARUN

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	79	42 %	100/70	079	00	
Standing	00:11	0:01	00.0	00.0	01.0	80	43 %	100/70	080	00	
HV	00:24	0:01	00.0	00.0	01.0	075	40 %	100/70	075	00	
Warm Up	00:44	0:01	01.0	00.0	01.0	085	46 %	100/70	085	00	
ExStart	01:01	0:06	01.7	10.0	01.1	100	54 %	100/70	100	00	
BRUCE/ Stage 1	04:01	3:00	01.7	10.0	04.7	125	67 %	105/75	131	00	
BRUCE/ Stage 2	07:01	3:00	02.5	12.0	07.1	141	76 %	110/80	155	00	
PeakEx	09:21	2:20	03.4	14.0	09.5	161	87 %	115/85	185	00	
Recovery	10:20	1:00	01.1	00.0	01.2	138	74 %	110/80	151	00	
Recovery	11:20	2:00	01.1	00.0	01.0	127	68 %	105/75	133	00	
Recovery	13:03	3:42	01.1	00.0	01.0	116	62 %	100/70	116	00	

**Findings :**

Exercise Time : 08:21  
Max HR Attained : 161 bpm 87% of Target 186  
Max BP Attained : (Sys) 115/85  
Max WorkLoad Attained : 9.5 Good response to induced stress  
Max ST Dep Lead & Value : V1 & -0.8 mm in ExStart mm  
Test End Reasons : Test Complete

**Report :**



**AAROGYAM DIAGNOSTICS**

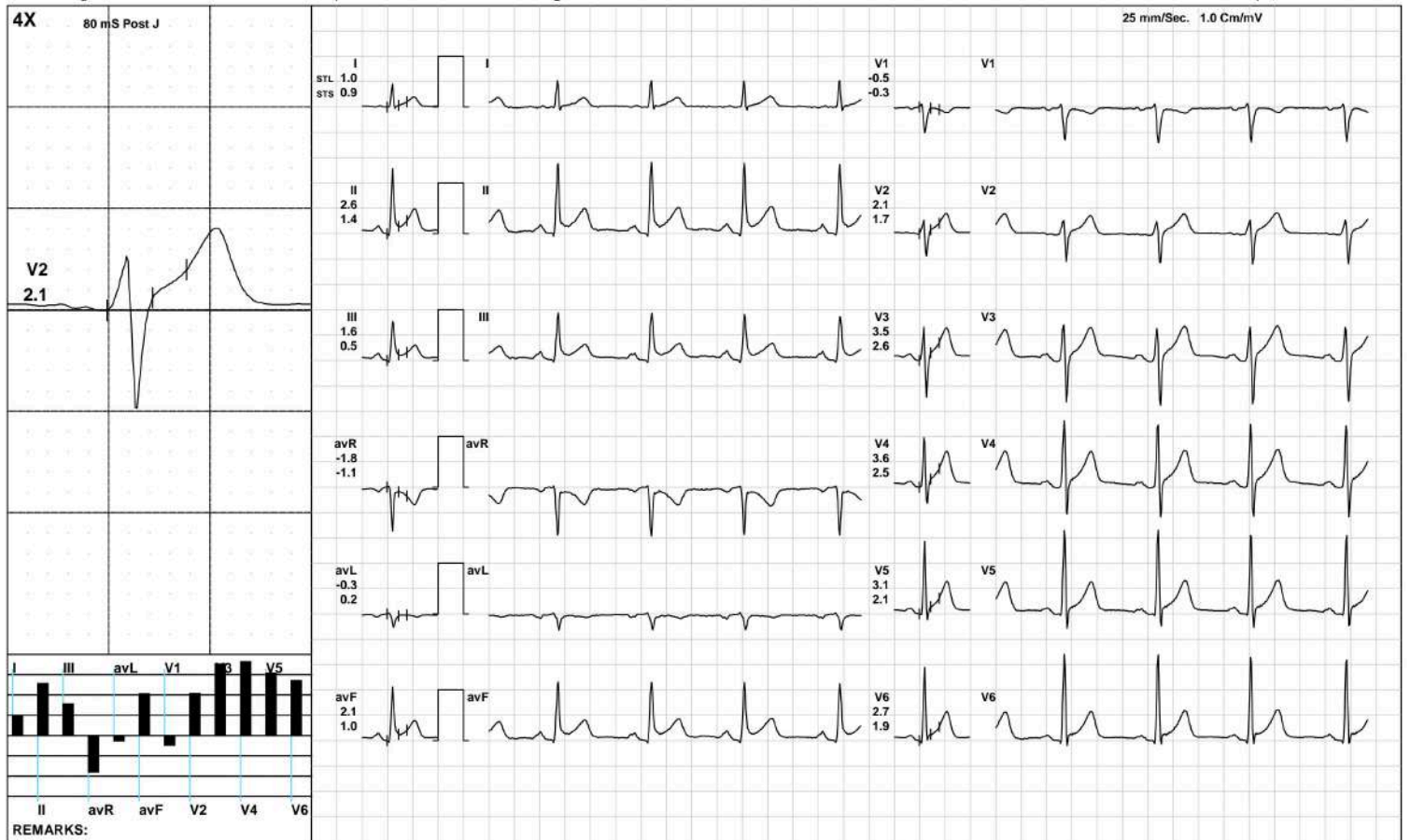
Supine



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 79

Date: 27-Aug-2023 11:19:28 AM METS: 1.0/ 79 bpm 42% of THR BP: 100/70 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

**AAROGYAM DIAGNOSTICS**

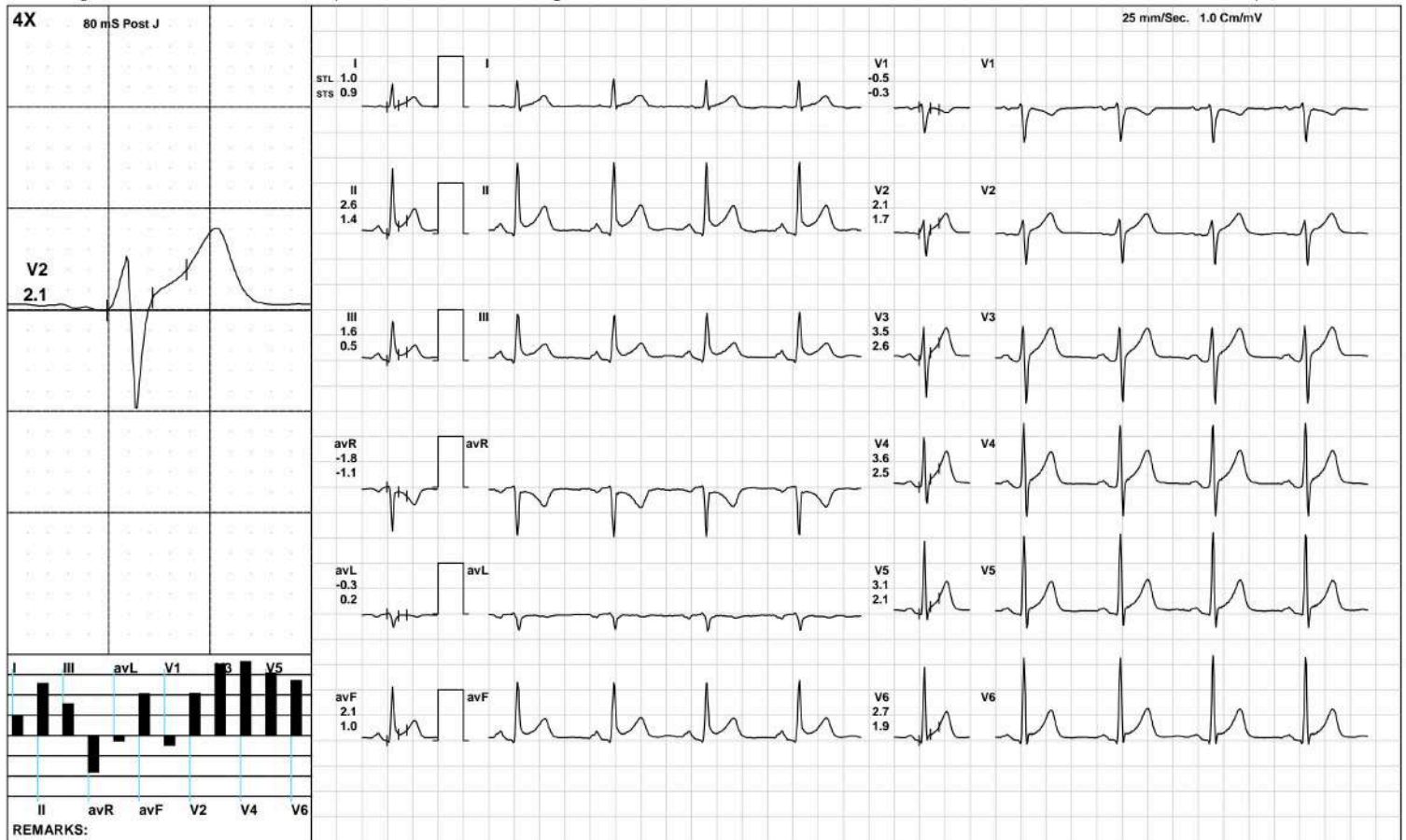
Standing



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 80

Date: 27-Aug-2023 11:19:28 AM METS: 1.0/ 80 bpm 43% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:11 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

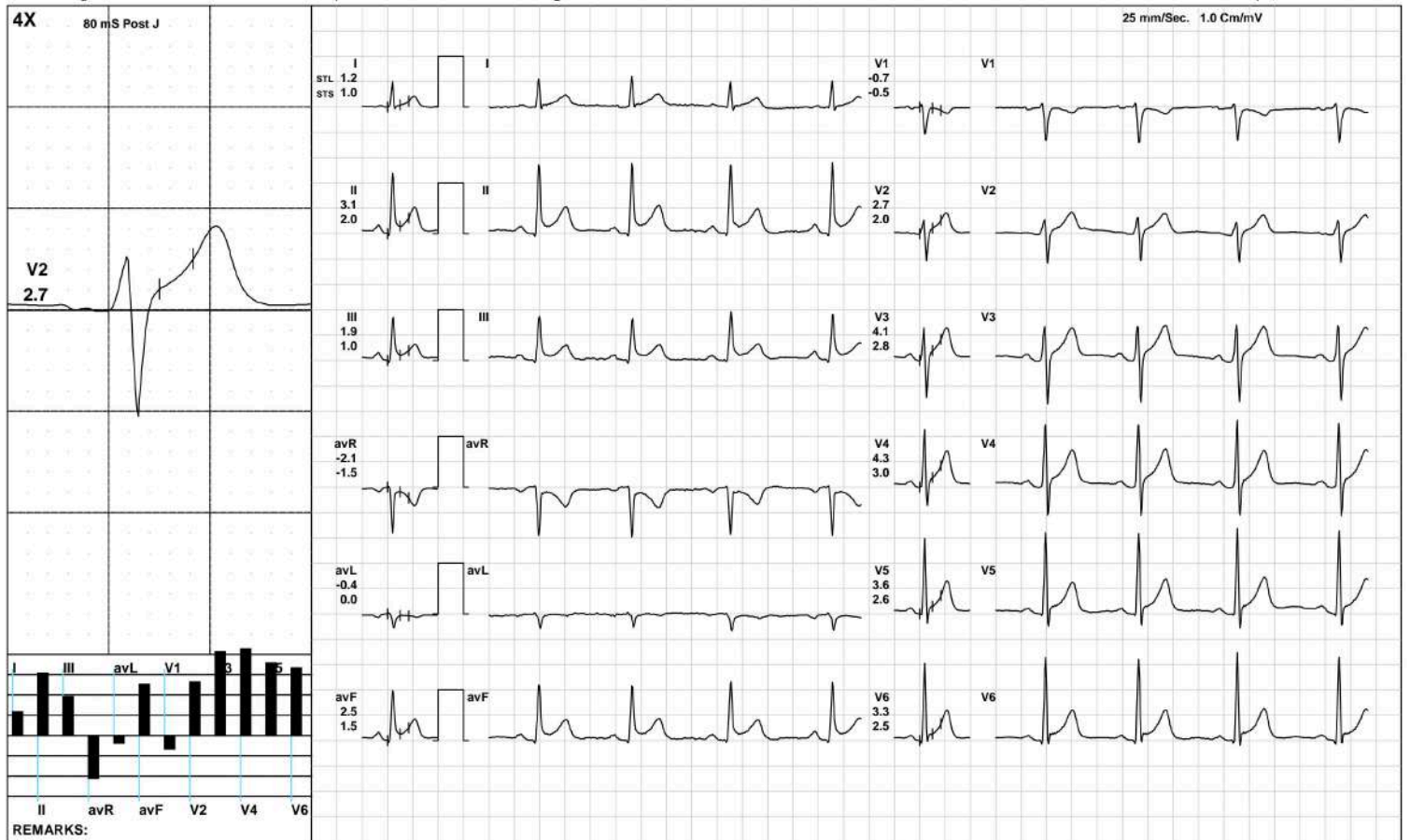
HV



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 75

Date: 27-Aug-2023 11:19:28 AM METS: 1.0/ 75 bpm 40% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:24 0.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

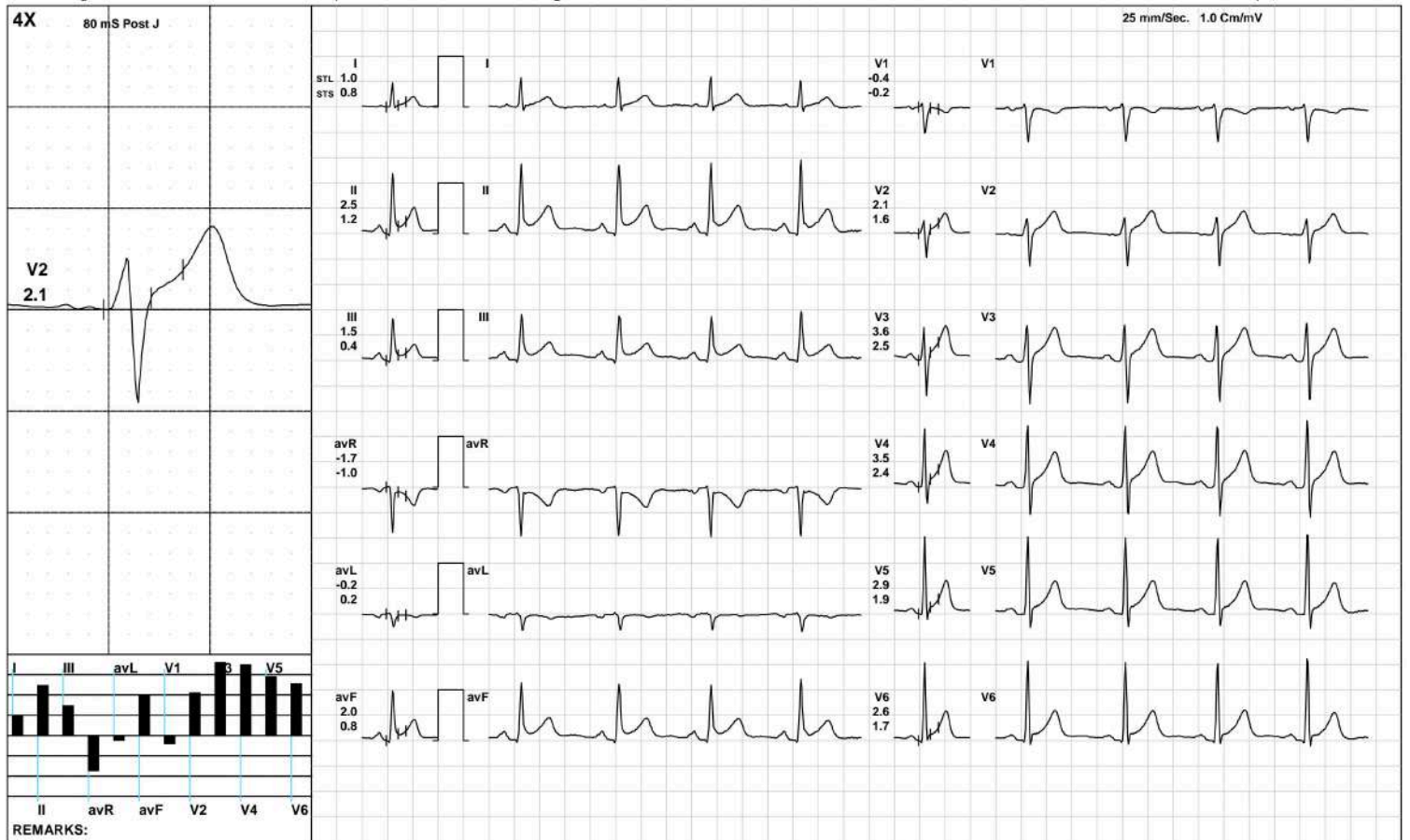
Warm Up



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 85

Date: 27-Aug-2023 11:19:28 AM METS: 1.0/ 85 bpm 45% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:44 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

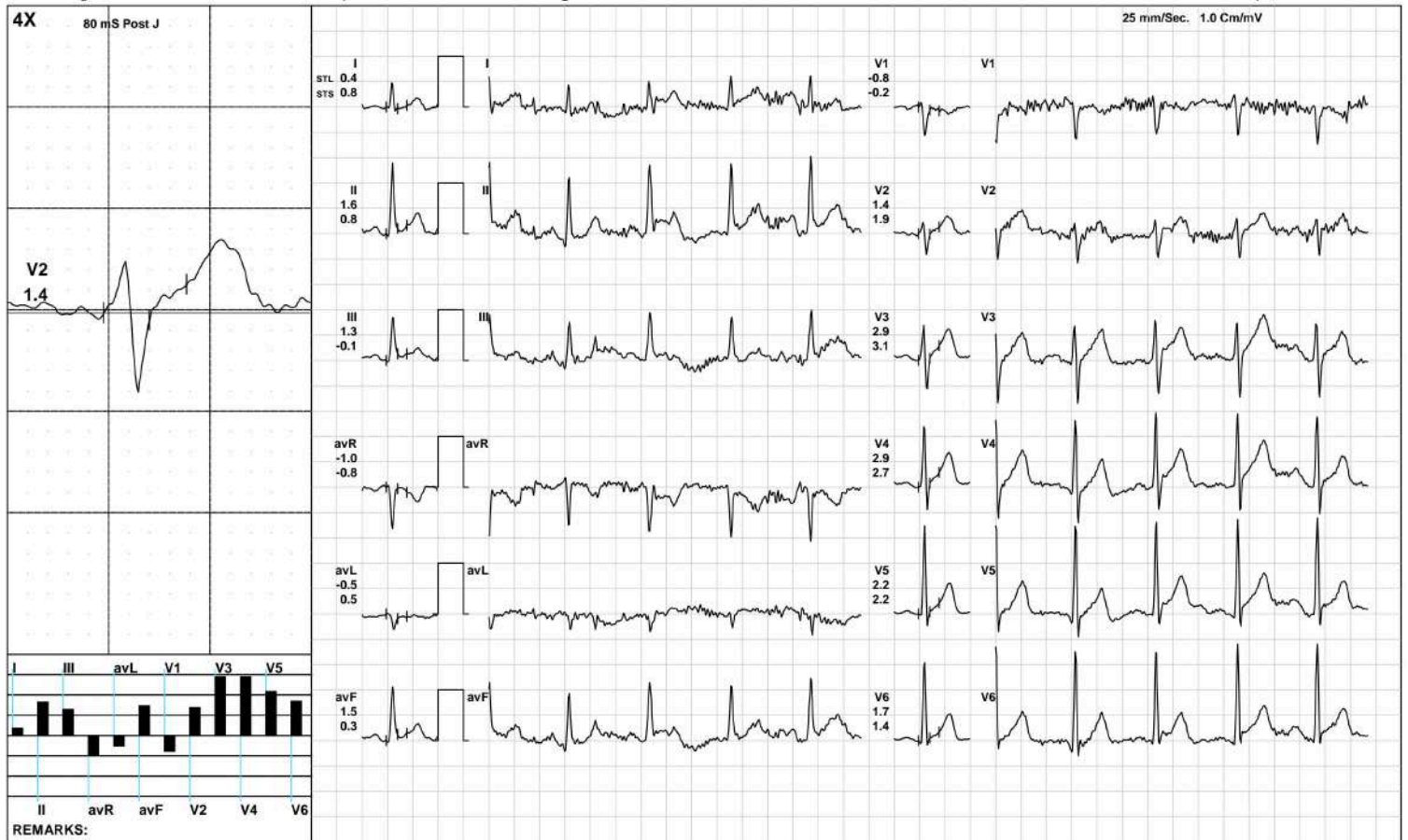
ExStart



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 100

Date: 27-Aug-2023 11:19:28 AM METS: 1.1/ 100 bpm 53% of THR BP: 100/70 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**

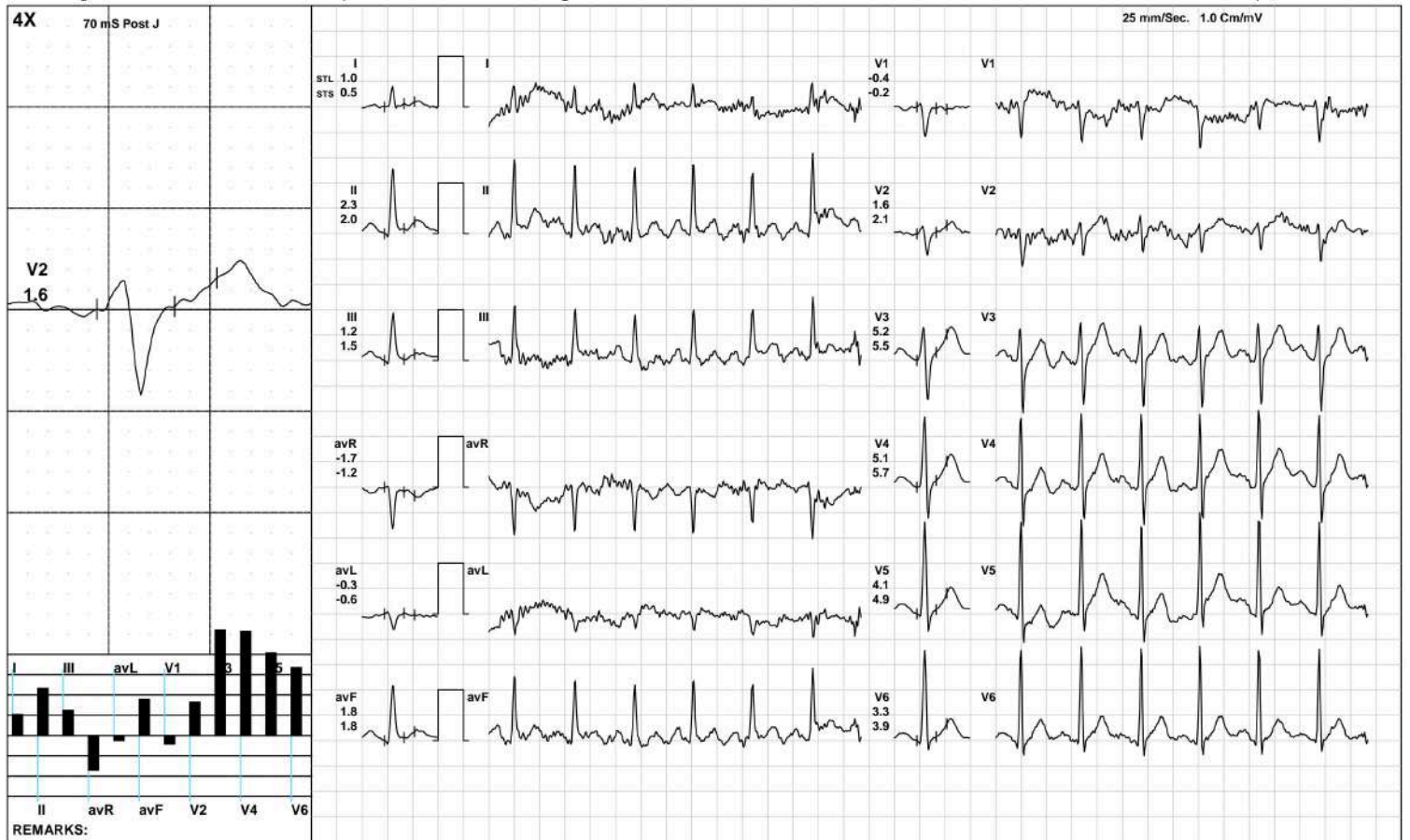
**BRUCE/:Stage 1(3:00)**



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 125

Date: 27-Aug-2023 11:19:28 AM METS: 4.7/ 125 bpm 67% of THR BP: 105/75 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**

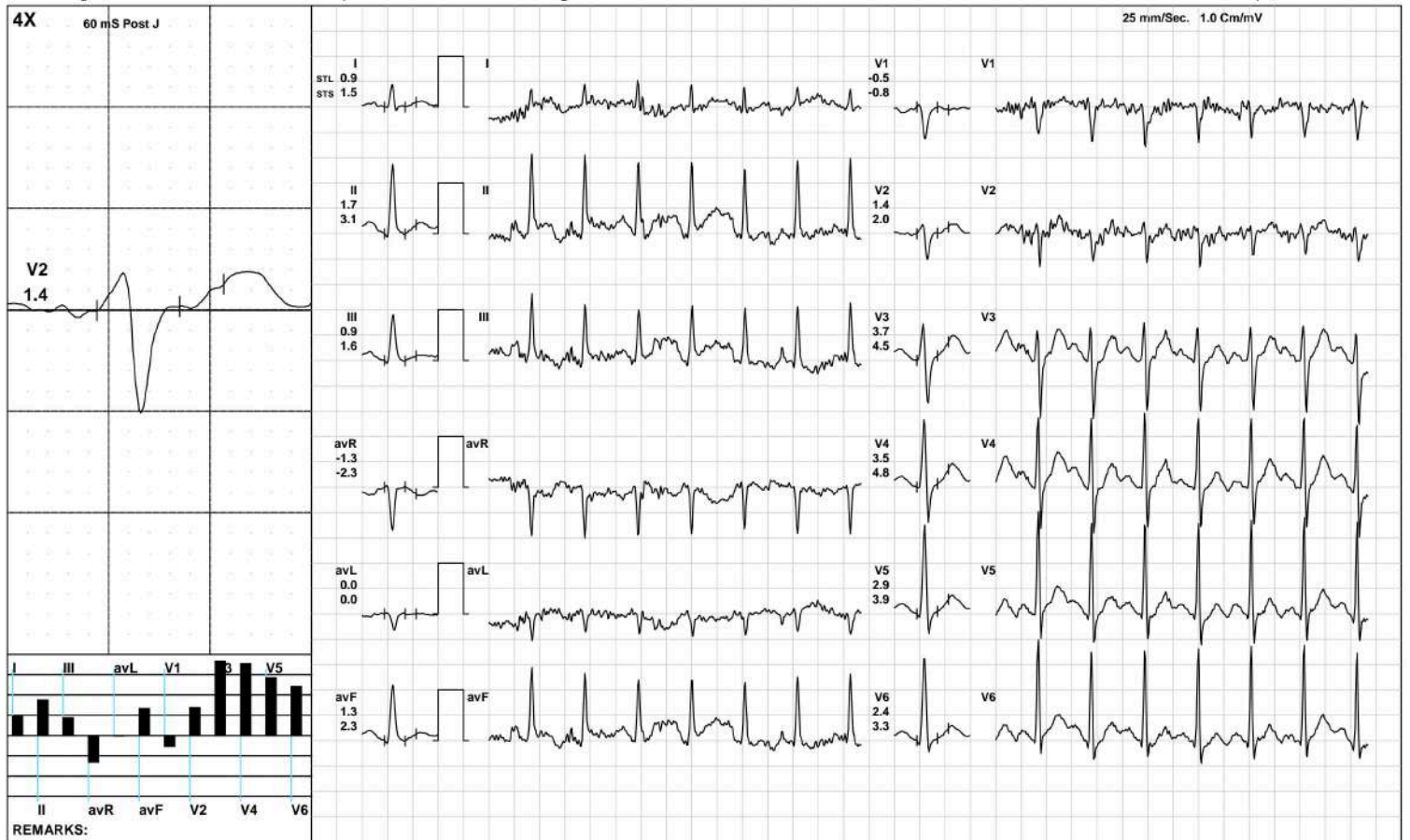
**BRUCE/:Stage 2(3:00)**



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 141

Date: 27-Aug-2023 11:19:28 AM METS: 7.1/ 141 bpm 75% of THR BP: 110/80 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**

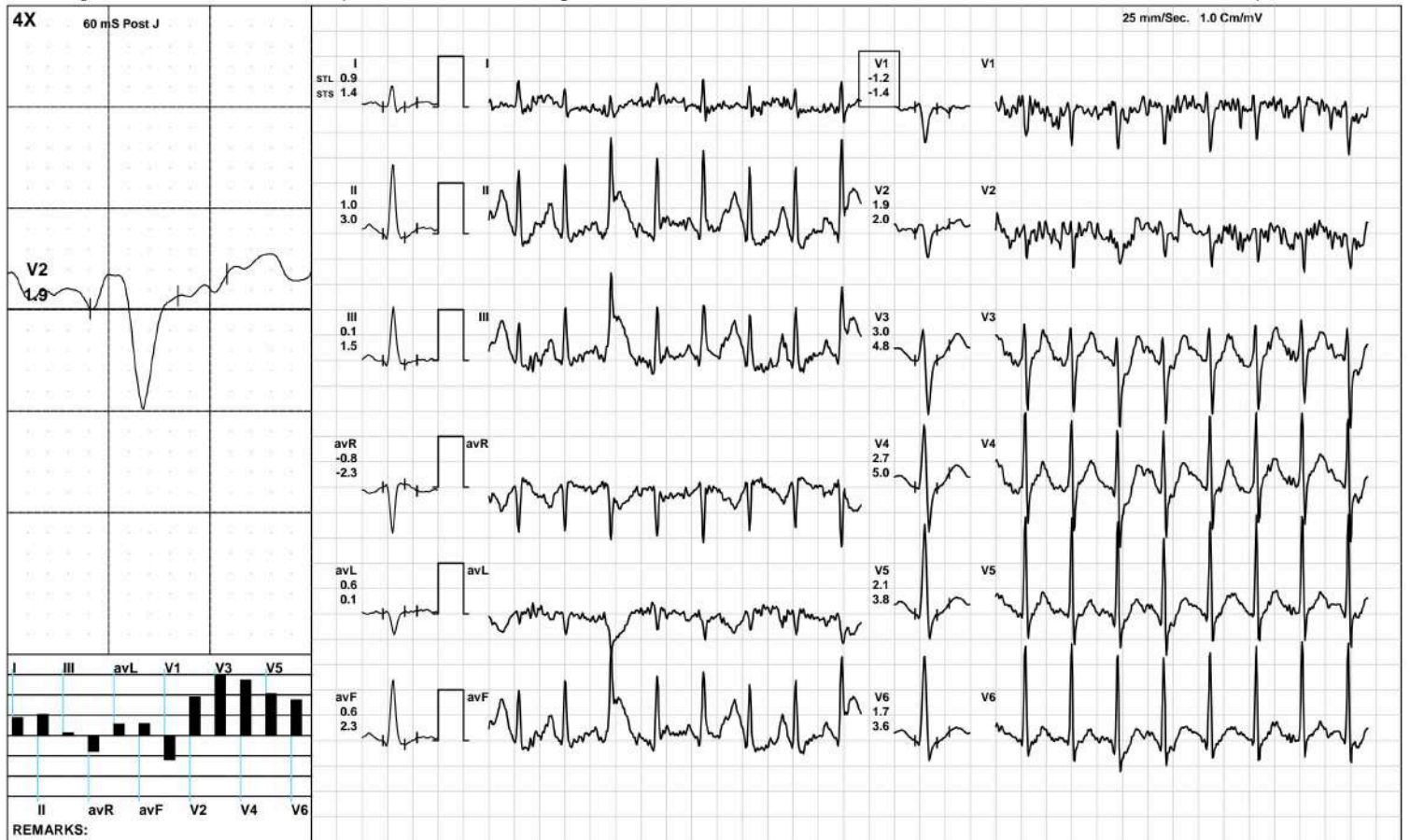
PeakEx



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 161

Date: 27-Aug-2023 11:19:28 AM METS: 9.5/ 161 bpm 86% of THR BP: 115/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:20 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

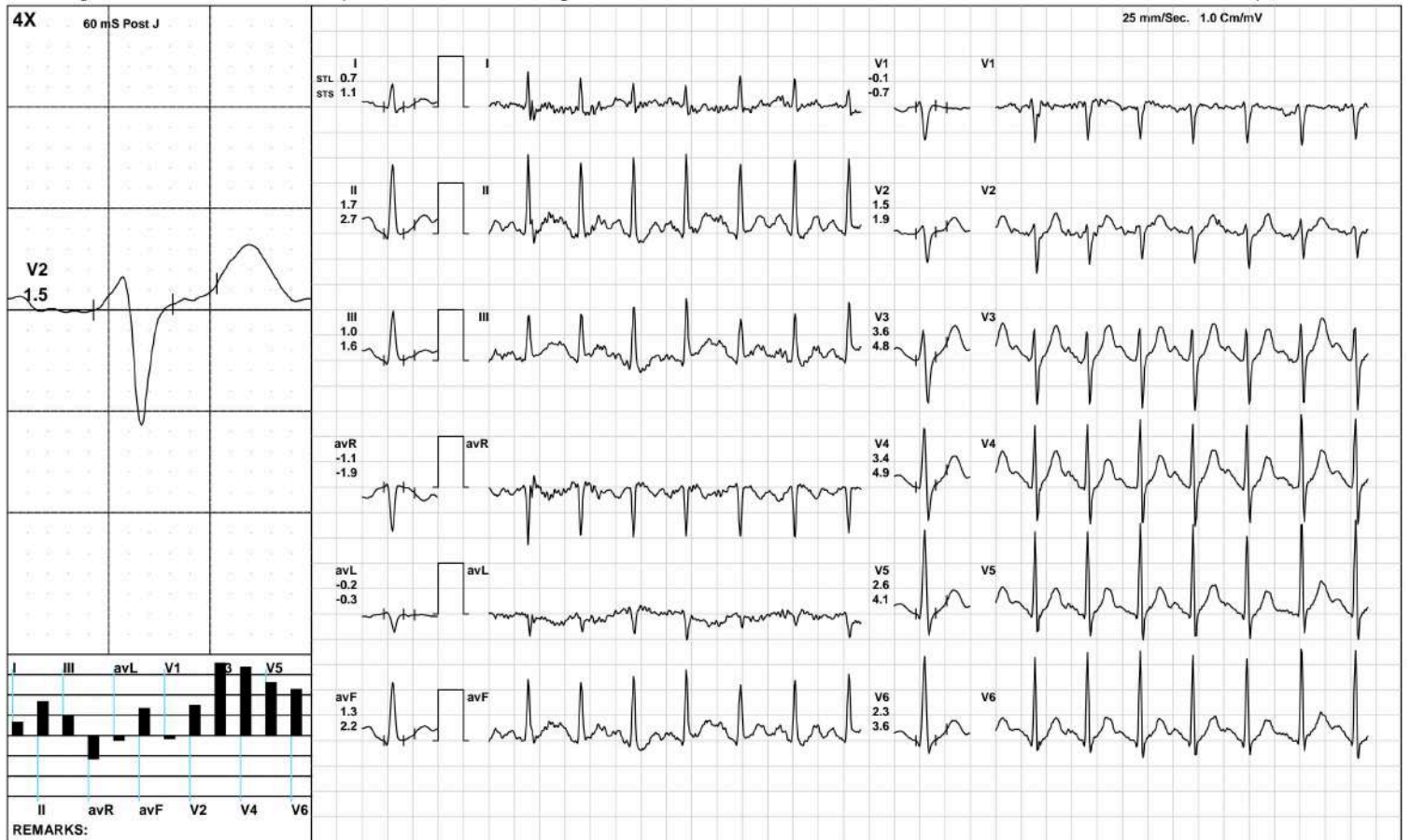
Recovery(1:00)



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 138

Date: 27-Aug-2023 11:19:28 AM METS: 1.2/ 138 bpm 74% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:21 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

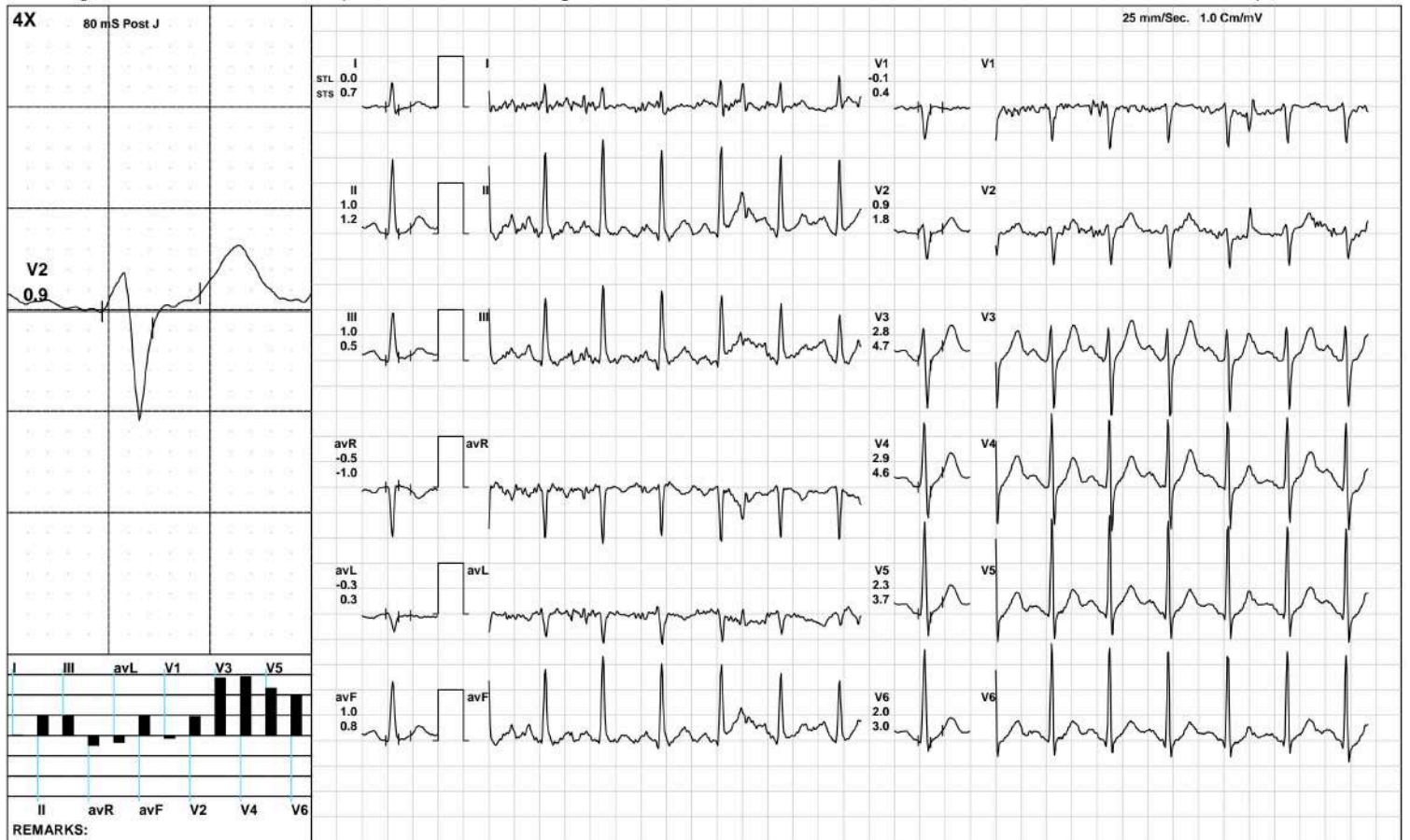
Recovery(2:00)



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 127

Date: 27-Aug-2023 11:19:28 AM METS: 1.0/ 127 bpm 68% of THR BP: 105/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:21 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

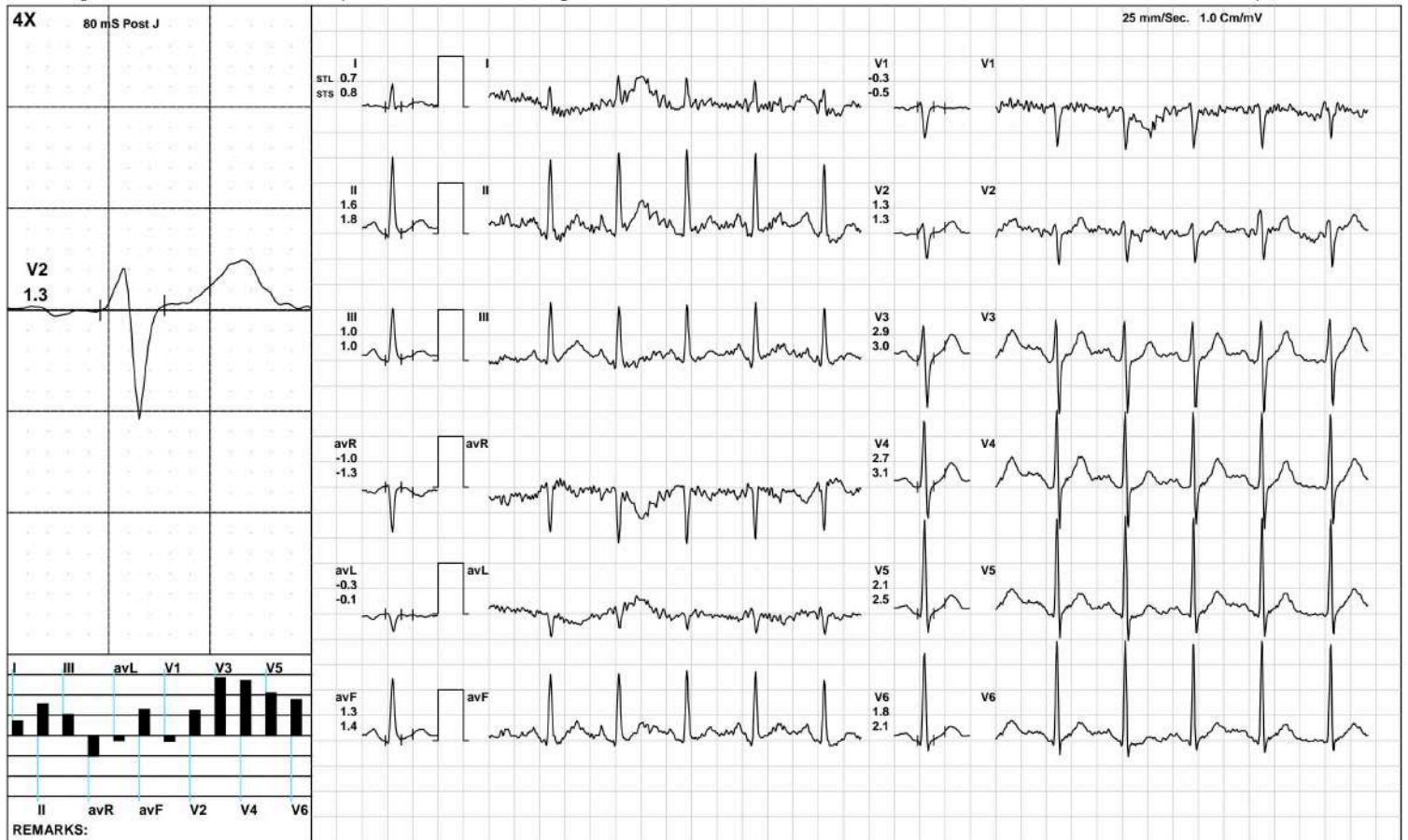
Recovery(3:42)



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 116

Date: 27-Aug-2023 11:19:28 AM METS: 1.0/ 116 bpm 62% of THR BP: 100/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:21 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



2218 / MR. VIKASH KR. NAYAK / 34 Yrs / M / 171 Cms / 68 Kg / HR : 75

Date: 27-Aug-2023 11:19:28 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	1.0	2.6	1.6	-1.8	-0.3	2.1	-0.5	2.1	3.5	3.6	3.1	2.7	0.9	1.4	0.5	-1.1	0.2	1.0	-0.3	1.7	2.6	2.5	2.1	1.9	
80 @mS Standing	1.0	2.6	1.6	-1.8	-0.3	2.1	-0.5	2.1	3.5	3.6	3.1	2.7	0.9	1.4	0.5	-1.1	0.2	1.0	-0.3	1.7	2.6	2.5	2.1	1.9	
HV	1.2	3.1	1.9	-2.1	-0.4	2.5	-0.7	2.7	4.1	4.3	3.6	3.3	1.0	2.0	1.0	-1.5	0.0	1.5	-0.5	2.0	2.8	3.0	2.6	2.5	
Warm Up	1.0	2.5	1.5	-1.7	-0.2	2.0	-0.4	2.1	3.6	3.5	2.9	2.6	0.8	1.2	0.4	-1.0	0.2	0.8	-0.2	1.6	2.5	2.4	1.9	1.7	
ExStart	1.1	2.7	1.6	-1.9	-0.3	2.2	-0.4	2.4	3.5	3.6	3.2	2.8	0.8	1.4	0.6	-1.1	0.1	1.0	-0.2	1.8	2.5	2.5	2.2	1.9	
Stage 1	0.0	1.4	0.9	-0.6	-0.2	1.1	-0.1	1.0	3.3	3.2	2.9	2.3	0.4	0.6	-0.1	-0.5	0.3	0.3	0.7	1.9	5.6	5.1	4.2	3.1	
Stage 2	0.0	-0.1	-0.2	0.0	0.1	-0.2	0.0	1.4	2.3	2.3	1.4	1.0	0.7	1.6	0.9	-1.2	-0.1	1.3	-0.6	1.9	4.6	5.0	4.2	3.4	
PeakEx	0.5	0.5	0.0	-0.5	0.4	0.3	0.1	0.7	1.8	1.8	1.5	1.4	1.2	2.5	1.3	-1.8	0.3	1.9	0.6	1.4	4.1	4.0	3.8	2.8	
Recovery	0.2	0.9	0.7	-0.6	-0.2	0.8	-0.1	0.7	1.8	1.7	1.6	1.1	0.5	0.6	0.1	-0.6	0.2	0.4	0.8	2.8	6.5	6.3	5.3	3.6	
Recovery	0.8	1.7	0.9	-1.3	0.0	1.3	-0.2	2.4	3.6	3.9	3.0	2.6	0.8	2.1	1.3	-1.4	-0.3	1.7	-0.2	3.3	4.3	4.5	3.7	3.3	
Recovery	0.7	1.6	1.0	-1.0	-0.3	1.3	-0.3	1.3	2.9	2.7	2.1	1.8	0.8	1.8	1.0	-1.3	-0.1	1.4	-0.5	1.3	3.0	3.1	2.5	2.1	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		8.7	22.7	13.9	-15.7	-2.5	18.2	-4.6	18.4	30.4	32.2	27.9	24.6
Standing		8.7	22.7	13.9	-15.7	-2.5	18.2	-4.6	18.4	30.4	32.2	27.9	24.6
HV		9.7	26.1	16.3	-17.9	-3.3	21.3	-5.7	21.1	33.7	35.7	30.9	28.4
Warm Up		9.0	23.0	14.0	-16.0	-2.5	18.5	-4.1	19.0	32.4	32.6	27.9	24.7
ExStart		9.8	25.0	15.2	-17.4	-2.6	20.0	-4.1	21.6	31.6	33.0	29.4	25.9
Stage 1		0.2	8.3	5.4	-3.6	-1.1	6.9	-1.8	5.5	17.9	16.7	15.6	11.9
Stage 2		-2.7	-4.9	-2.5	3.7	0.0	-3.7	2.4	3.7	4.8	4.2	-0.1	-0.8
PeakEx		0.6	-2.3	-2.9	0.8	2.2	-2.6	0.6	0.3	5.2	5.3	2.8	3.6
Recovery		0.6	3.4	2.7	-2.0	-1.0	3.1	-0.1	1.1	3.3	2.8	2.9	1.2
Recovery		3.5	7.6	4.0	-5.5	-0.2	5.8	-0.2	9.0	15.3	16.8	12.6	10.7
Recovery		3.8	9.4	7.1	-5.7	-2.4	8.2	-0.7	7.4	18.3	16.9	13.1	10.7



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 & P.J)	Min. Post JRR Var (μV)	(%)	VEB (Counts)	Missed Beats (Counts)
00:30	85	156	68	70	424	189	1538	-961	716	-89	V1	-47	0.00	0	0
01:00	103	124	62	71	459	149	1901	-963	731	-83	avL	-33	0.00	0	0
01:30	111	144	78	71	440	220	1867	-882	657	-119	V1	-113	0.00	0	0
02:00	123	156	58	73	450	181	1824	-948	511	-93	avL	-81	0.00	0	0
02:30	130	150	58	74	442	221	1790	-895	555	-47	I	-81	0.00	0	0
03:00	128	136	82	72	460	207	1797	-898	555	-20	V1	-46	0.00	0	0
03:30	128	120	80	71	445	231	1828	-889	645	-10	avL	-40	0.00	0	0
04:00	133	150	82	70	301	220	1867	-930	635	5	V1	-42	0.00	0	0
04:30	135	138	84	69	438	202	1786	-961	552	-30	V1	-44	0.00	0	0
05:00	138	130	82	74	448	248	1762	-953	575	-30	V1	-33	0.00	0	0
05:30	138	126	84	74	456	247	1778	-954	527	-76	avL	-48	0.00	0	0
06:00	137	132	86	71	431	254	1823	-972	510	-14	V1	-64	0.00	0	0
06:30	139	122	82	76	442	274	1829	-977	534	-71	avL	-33	0.00	0	0
07:00	147	118	64	77	444	234	1904	-1027	475	-68	avL	-43	0.00	0	0
07:30	152	96	62	77	445	204	1828	-1062	426	-69	V1	-50	0.00	0	0
08:00	160	108	62	74	428	216	1853	-1072	469	-122	V2	-73	0.00	0	0
08:30	160	102	68	78	351	230	1792	-1076	482	-5	V1	-57	0.00	0	0
09:00	162	98	62	74	340	297	1843	-1052	555	6	III	-54	0.00	0	0
09:30	154	102	62	73	428	298	1622	-1094	574	-68	avL	-58	0.00	0	0
10:00	142	114	62	74	434	331	1678	-946	666	-82	avL	-36	0.00	0	0
10:30	136	110	68	73	447	298	1719	-1005	696	-37	avL	-34	0.00	0	0
11:00	126	146	60	75	462	310	1853	-994	669	-56	avL	-55	0.00	0	0
11:30	115	152	70	71	470	253	1850	-1024	620	-103	avL	-44	0.00	0	0
12:00	109	134	62	70	340	241	1882	-1034	584	-103	avL	-59	0.00	0	0
12:30	118	158	62	74	475	243	1935	-1038	549	-82	avL	-31	0.00	0	0





ISO 9001 : 2015

# AAROGYAM DIAGNOSTICS

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

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<b>Date</b> 27/08/2023	<b>Srl No.</b> 4	<b>Patient Id</b> 2308270004
<b>Name</b> Mr. VIKAS KUMAR NAYAK	<b>Age</b> 34 Yrs.	<b>Sex</b> M
<b>Ref. By</b> Dr.BOB		

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**



<b>Date</b>	<b>27/08/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2308270004</b>
<b>Name</b>	<b>Mr. VIKAS KUMAR NAYAK</b>	<b>Age</b>	<b>34 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	14.0	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,900	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	63	%	40 - 75
LYMPHOCYTE	32	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	11	mm/1st hr.	0 - 15
R B C COUNT	4.66	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	42.4	%	40 - 54
M C V	90.99	fl.	80 - 100
M C H	30.04	Picogram	27.0 - 31.0
M C H C	33	gm/dl	33 - 37
PLATELET COUNT	2.11	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	77.7	mg/dl	70 - 110
SERUM CREATININE	0.90	mg%	0.7 - 1.4
BLOOD UREA	23.4	mg /dl	15.0 - 45.0
SERUM URIC ACID	6.4	mg%	3.4 - 7.0

**LIVER FUNCTION TEST (LFT)**



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

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<b>Date</b>	<b>27/08/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2308270004</b>
<b>Name</b>	<b>Mr. VIKAS KUMAR NAYAK</b>	<b>Age</b>	<b>34 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.62	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.24	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.38	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.8	gm/dl	6.6 - 8.3
ALBUMIN	3.7	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.194</b>		
SGOT	19.2	IU/L	5 - 40
SGPT	22.4	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	76.3	U/L	40.0 - 130.0
GAMMA GT	21.8	IU/L	8.0 - 71.0

**LFT INTERPRET****LIPID PROFILE**

TRIGLYCERIDES	64.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	109.6	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	43.8	mg/dL	35.1 - 88.0
V L D L	12.9	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	<b>52.9</b>	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.502		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.208		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



<b>Date</b>	<b>27/08/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2308270004</b>
<b>Name</b>	<b>Mr. VIKAS KUMAR NAYAK</b>	<b>Age</b>	<b>34 Yrs.</b>	<b>Sex</b>	<b>M</b>
<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	0-1	/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

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

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<b>Date</b>	<b>27/08/2023</b>	<b>Srl No.</b>	<b>4</b>	<b>Patient Id</b>	<b>2308270004</b>
<b>Name</b>	<b>Mr. VIKAS KUMAR NAYAK</b>	<b>Age</b>	<b>34 Yrs.</b>	<b>Sex</b>	<b>M</b>
<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**



Name :- Vikash Kumar Nayak  
Pt's ID :- 18/40375  
Refd by :- BOB

Age/Sex:-34Yrs/M  
Date :-27/08/23

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** :- 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(9.6cm) with normal echotexture. No focal lesion is seen. No evidence of varices is noticed.
- Kidneys** :- Right kidney is normal in shape, size & position. Sinus as well as cortical echoes are normal. No evidence of calculus, space occupying lesion or hydronephrosis is seen.  
Left kidney is normal in shape, size & position. Sinus as well as cortical echoes are normal. **A tiny calculus measuring size 3.3mm seen in mid pole.**  
No hydronephrosis is seen.  
Right Kidney measures 9.1cm and Left Kidney measures 10.0cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (9.3cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *Left Renal Tiny Calculus.  
Otherwise Normal Scan.*

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



MC-2024

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



30804100565

### TEST REPORT

<b>Reg.No</b> : 30804100565	<b>Reg.Date</b> : 28-Aug-2023 12:35	<b>Collection</b> : 28-Aug-2023 12:35
<b>Name</b> : VIKASHKUMAR NAYAK	<b>Sex</b> : Male	<b>Received</b> : 28-Aug-2023 12:35
<b>Age</b> : 34 Years	<b>Status</b> : Final	<b>Report</b> : 28-Aug-2023 14:28
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 28-Aug-2023 14:49
<b>Referral Dr</b> : □		<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID FUNCTION TEST</b>			
T3 (triiodothyronine)	1.40	ng/mL	0.6 - 1.52
T4 (Thyroxine) <small>CMIA</small>	9.96	µg/dL	5.5 - 11.0
TSH ( ultra sensitive) <small>CMIA</small>	1.756	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