

**AAROGYAM DIAGNOSTICS**

Patna

**Report**

(GEM212170906)(R)Kardic by Allengers

1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg Date: 12-Feb-2022 Technician : ARUN

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:04	0:01	00.0	00.0	01.0	96	51 %	110/80	105	00	
Standing	00:08	0:01	00.0	00.0	01.0	93	49 %	110/80	102	00	
HV	00:16	0:01	00.0	00.0	01.0	091	48 %	110/80	100	00	
Warm Up	00:25	0:01	01.0	00.0	01.0	107	57 %	110/80	117	00	
ExStart	01:31	0:06	01.7	10.0	01.1	134	71 %	110/80	147	00	
BRUCE/ Stage 1	04:31	3:00	01.7	10.0	04.7	152	81 %	120/80	182	00	
BRUCE/ Stage 2	07:31	3:00	02.5	12.0	07.1	179	95 %	125/85	223	00	
PeakEx	09:18	1:47	03.4	14.0	09.0	198	105 %	125/85	247	00	
Recovery	10:17	1:00	01.1	00.0	01.2	164	87 %	120/80	196	00	
Recovery	11:17	2:00	01.1	00.0	01.0	147	78 %	120/80	176	00	
Recovery	13:10	3:52	01.1	00.0	01.0	141	75 %	110/80	155	00	

**Findings :**

Exercise Time : 07:48  
Max HR Attained : 198 bpm 105% of Target 188  
Max BP Attained : (Sys) 125/85  
Max WorkLoad Attained : 9 Good response to induced stress  
Max ST Dep Lead & Value : avF & -5.3 mm in PeakEx mm  
Test End Reasons : Test Complete, Test Complete

**Report :**

Doctor : Doctor Name

**AAROGYAM DIAGNOSTICS**

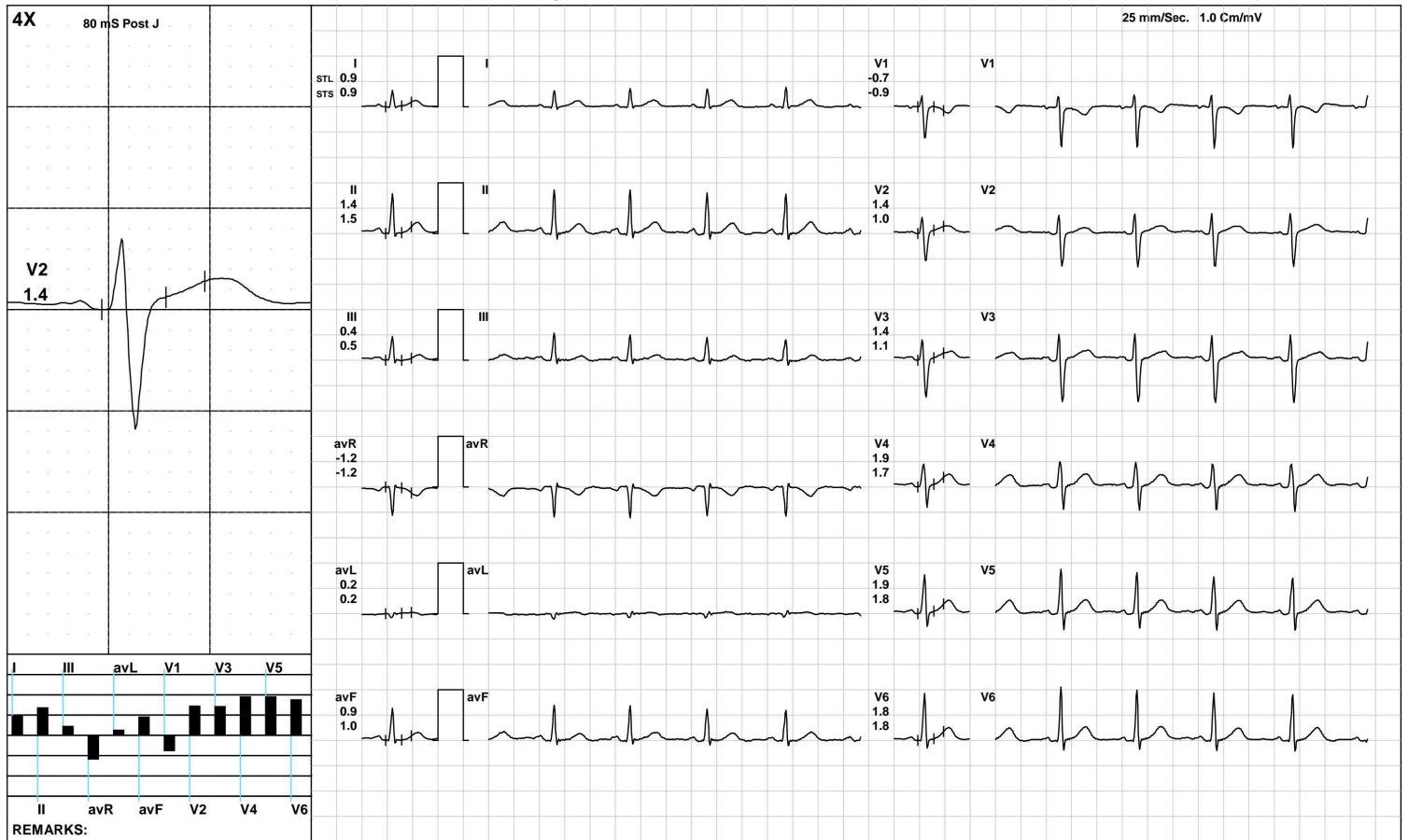
1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 96

Supine



Date: 12-Feb-2022 01:26:22 PM METS: 1.0/ 96 bpm 51% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:04 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

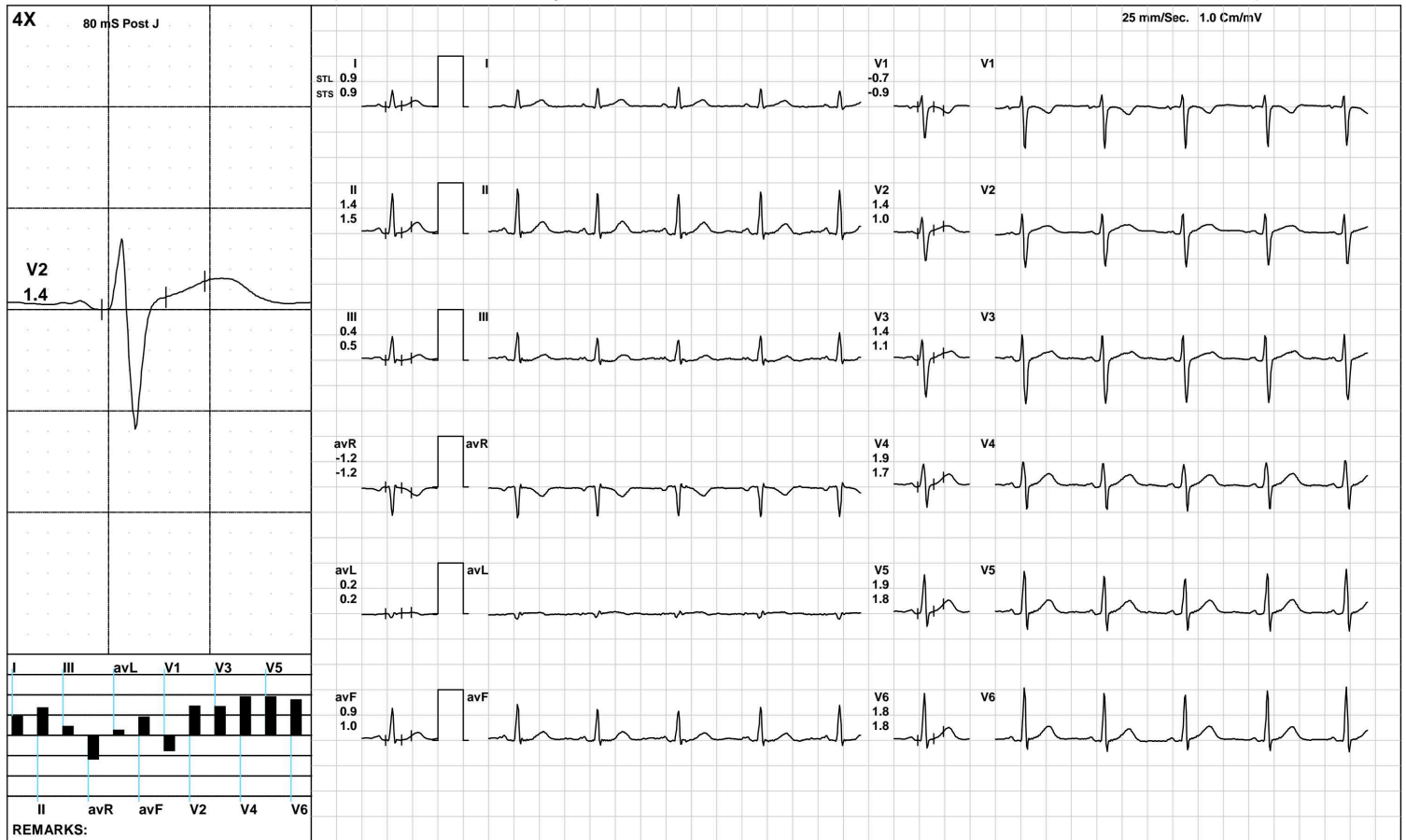
1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 93

Standing



Date: 12-Feb-2022 01:26:22 PM METS: 1.0/ 93 bpm 49% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:08 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

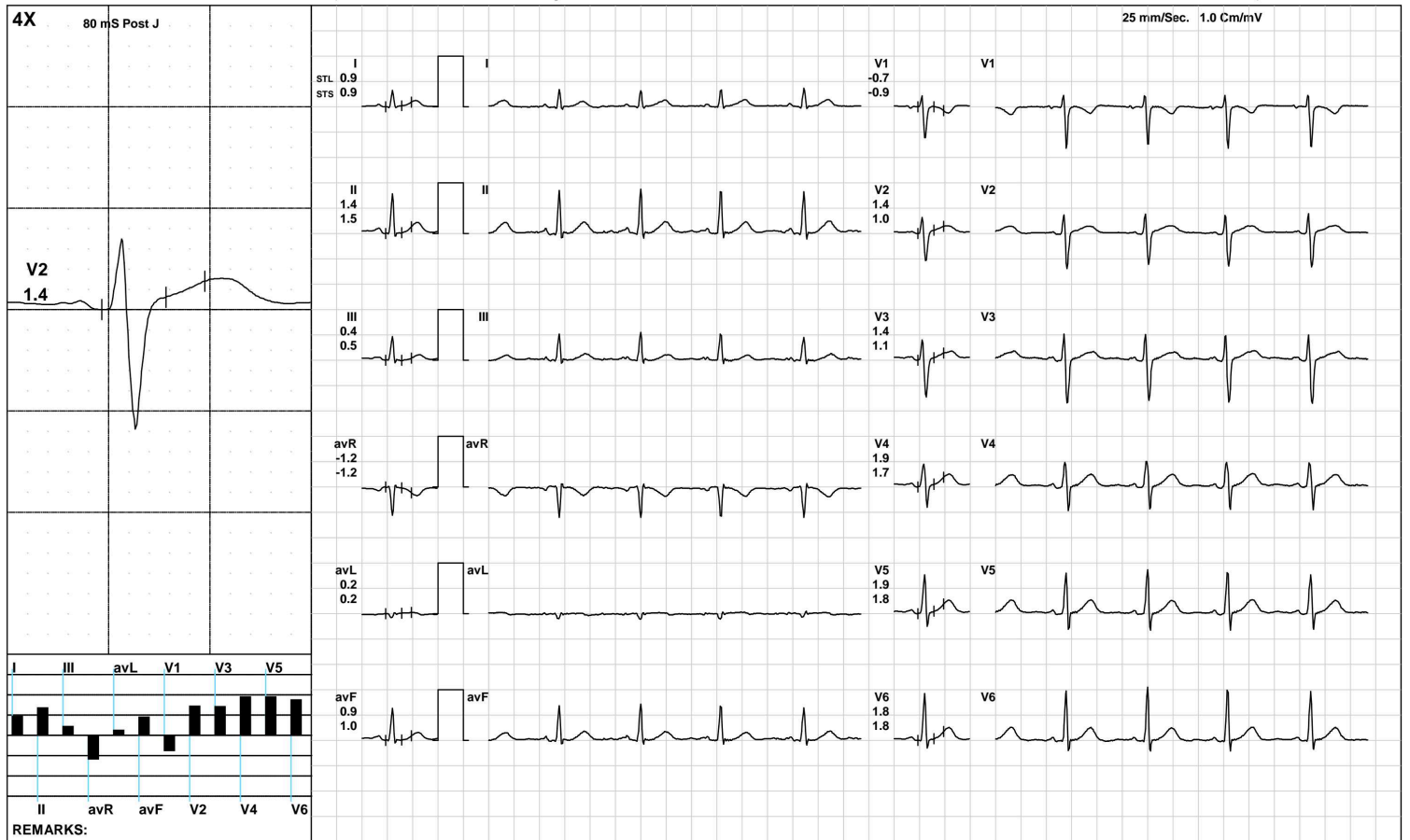
HV



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 91

Date: 12-Feb-2022 01:26:22 PM METS: 1.0/ 91 bpm 48% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:16 0.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

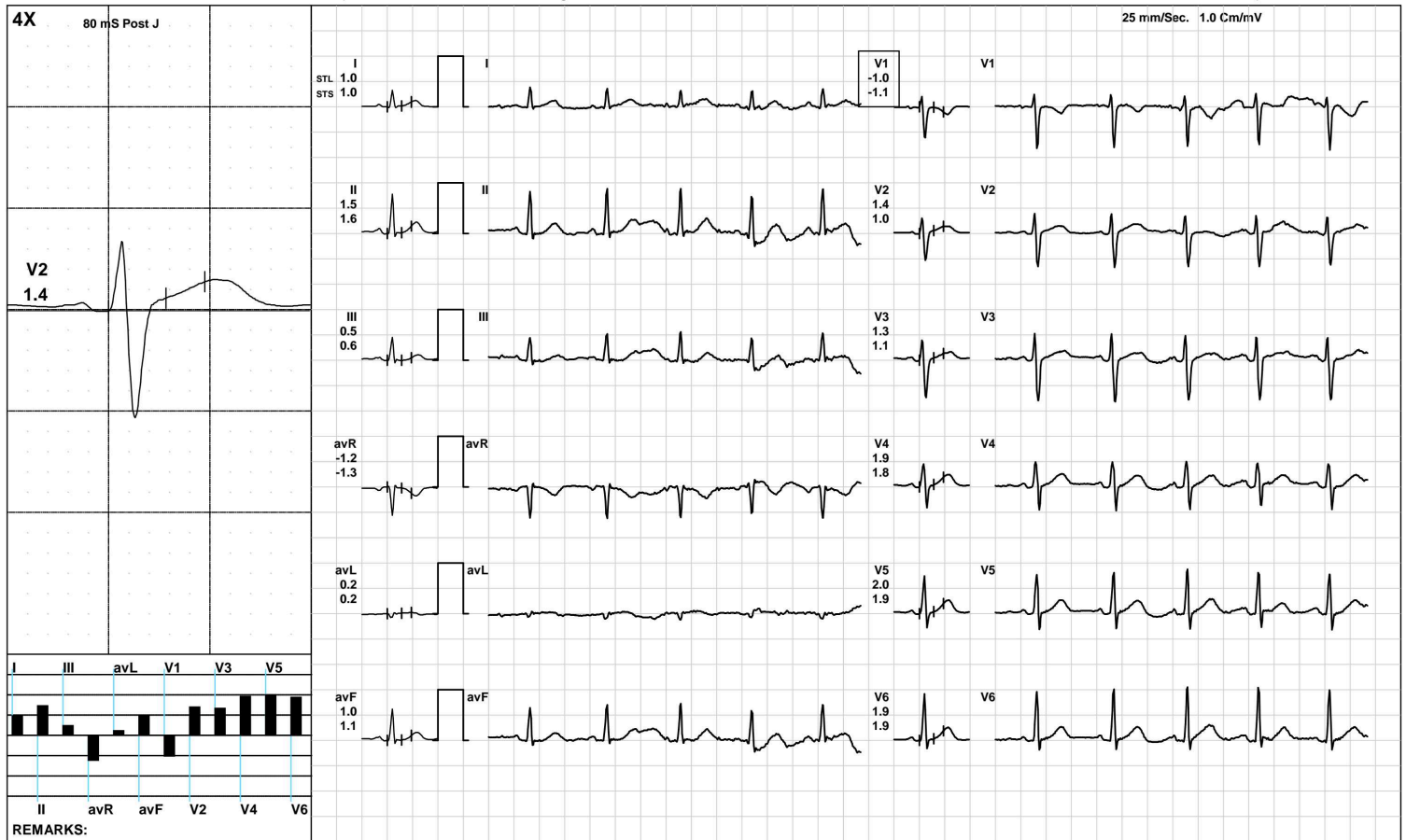
Warm Up



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 107

Date: 12-Feb-2022 01:26:22 PM METS: 1.0/ 107 bpm 56% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:25 1.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

ExStart



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 134

Date: 12-Feb-2022 01:26:22 PM METS: 1.1/ 134 bpm 71% of THR BP: 110/80 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)**



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 152

Date: 12-Feb-2022 01:26:22 PM METS: 4.7/ 152 bpm 80% of THR BP: 120/80 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)**



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 179

Date: 12-Feb-2022 01:26:22 PM METS: 7.1/ 179 bpm 95% of THR BP: 125/85 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



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 198

Date: 12-Feb-2022 01:26:22 PM METS: 9.0/ 198 bpm 105% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:47 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

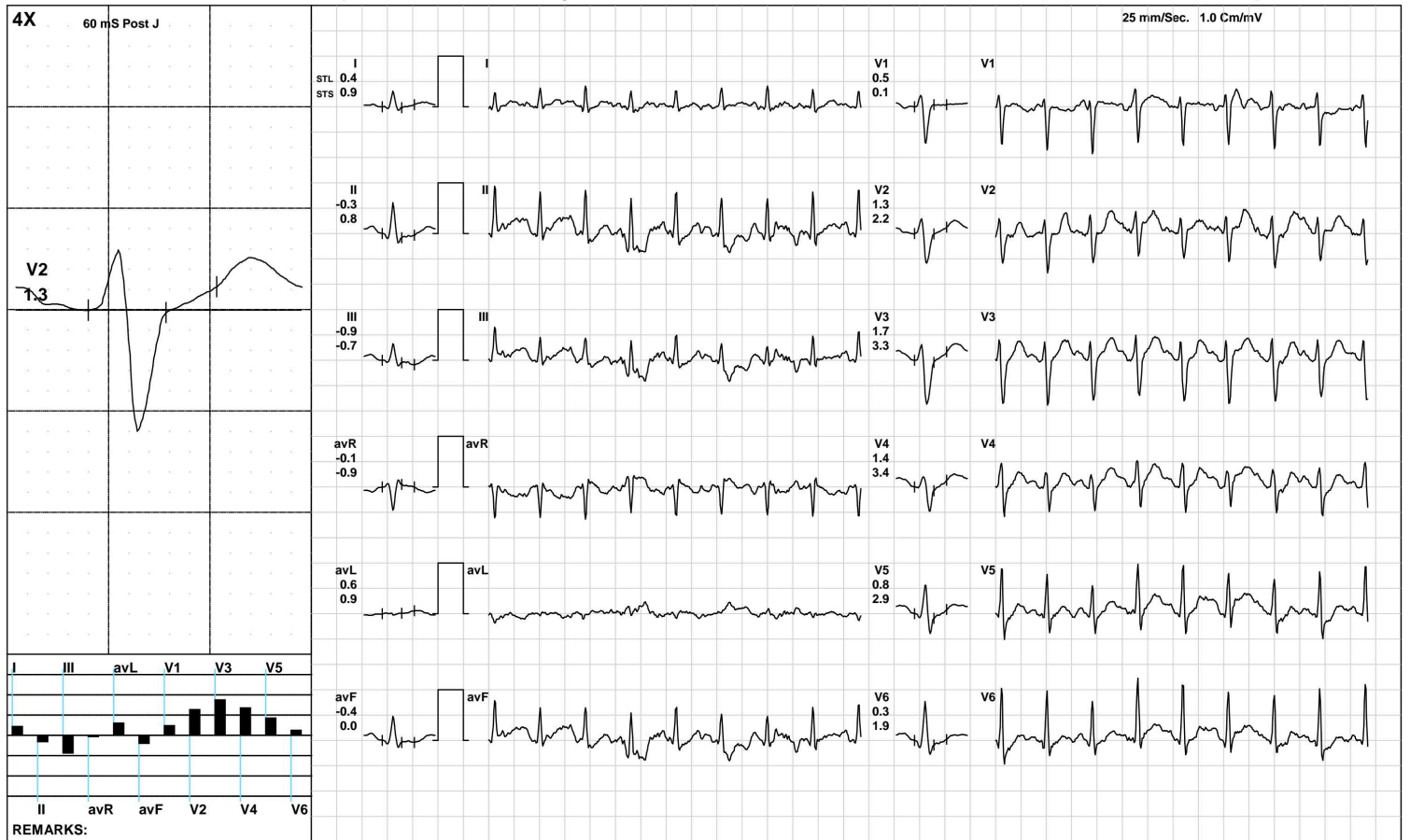
1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 164

Recovery(1:00)



Date: 12-Feb-2022 01:26:22 PM METS: 1.2/ 164 bpm 87% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:48 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

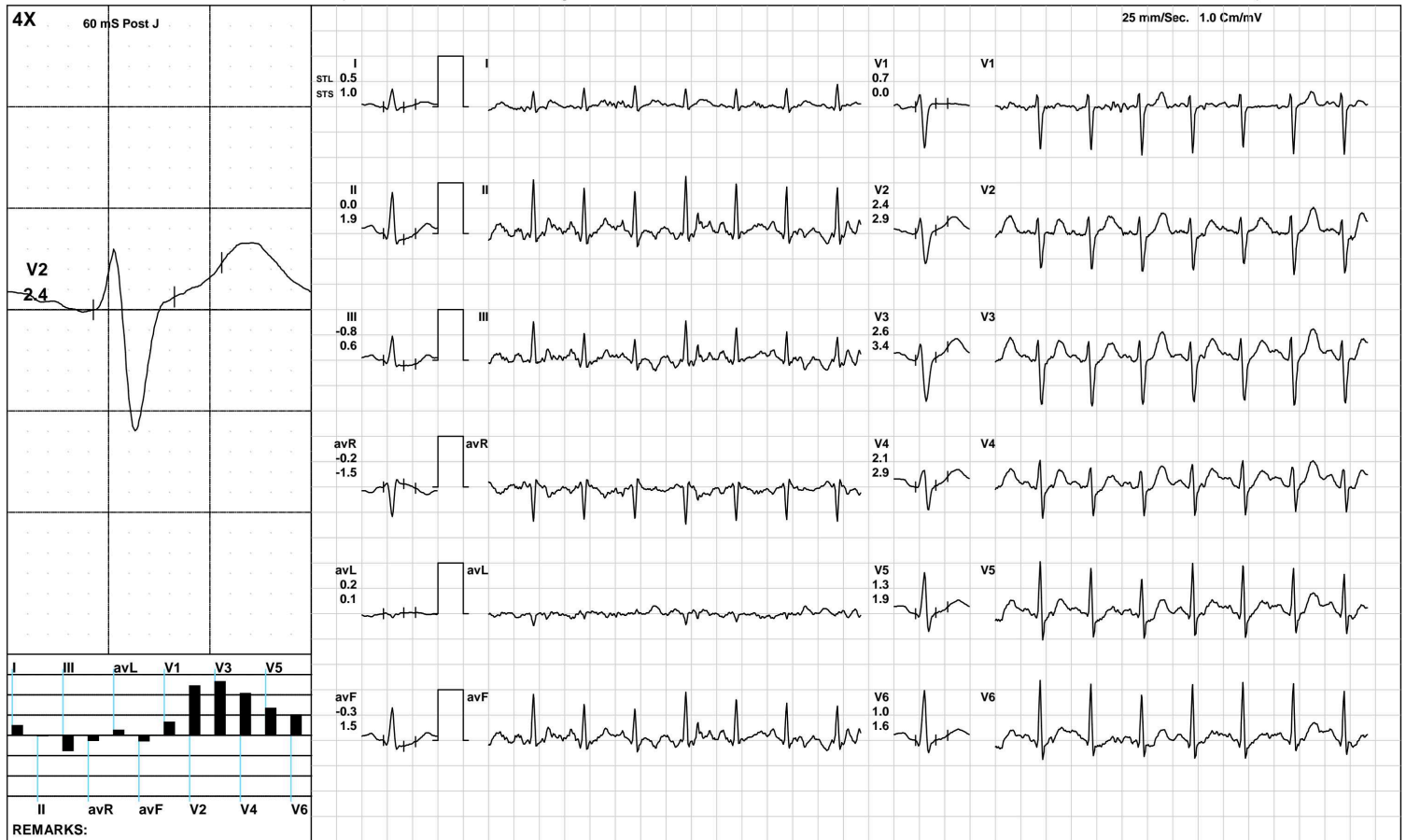
Recovery(2:00)



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 147

Date: 12-Feb-2022 01:26:22 PM METS: 1.0/ 147 bpm 78% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:48 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

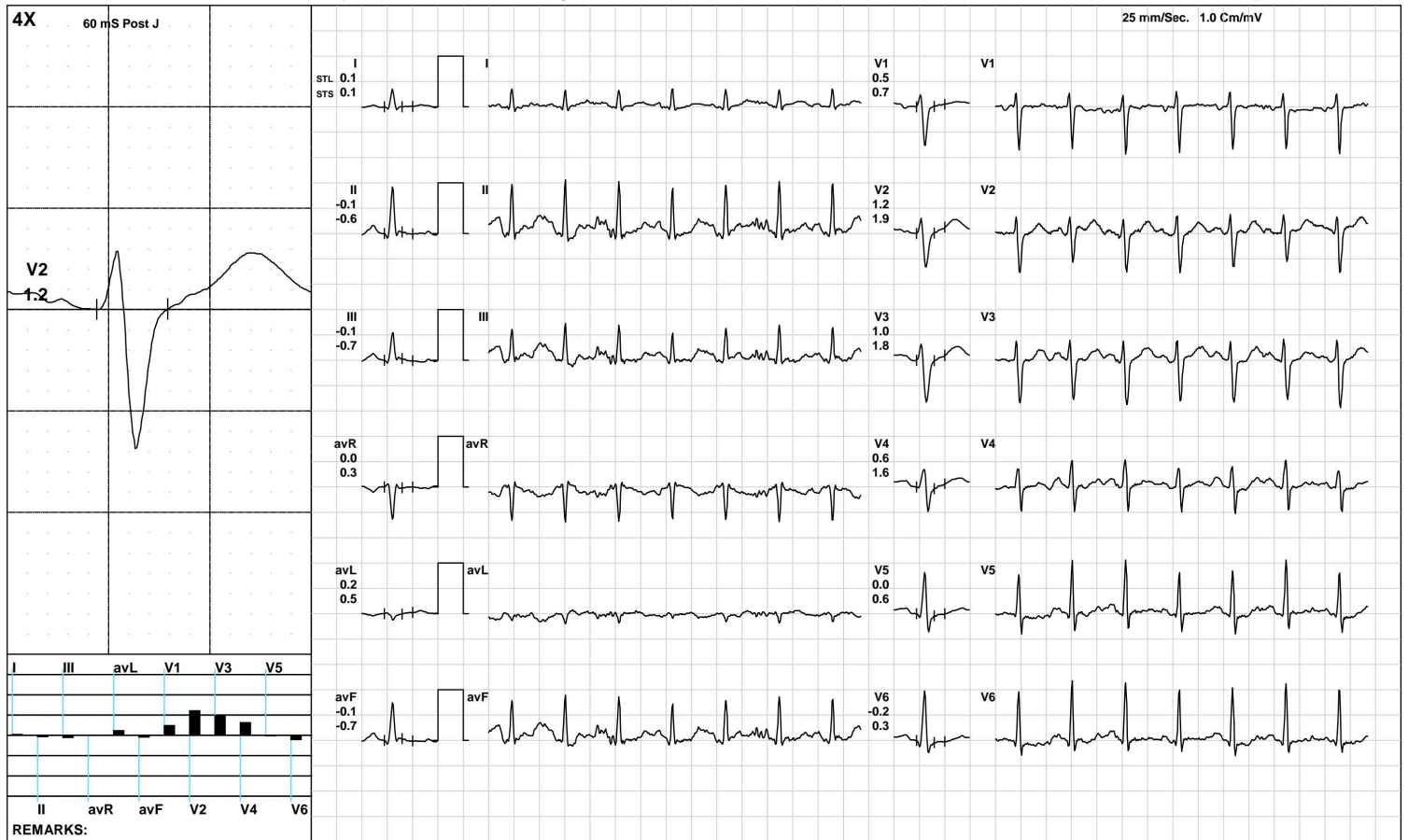
Recovery(3:52)



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 141

Date: 12-Feb-2022 01:26:22 PM METS: 1.0/ 141 bpm 75% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:48 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1138 / MS. NILU KUMARI / 32 Yrs / F / 149 Cms / 64 Kg / HR : 96

Date: 12-Feb-2022 01:26:22 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	0.9	1.4	0.4	-1.2	0.2	0.9	-0.7	1.4	1.4	1.9	1.9	1.8	0.9	1.5	0.5	-1.2	0.2	1.0	-0.9	1.0	1.1	1.7	1.8	1.8	
60 @mS Standing	0.9	1.4	0.4	-1.2	0.2	0.9	-0.7	1.4	1.4	1.9	1.9	1.8	0.9	1.5	0.5	-1.2	0.2	1.0	-0.9	1.0	1.1	1.7	1.8	1.8	
HV	0.9	1.4	0.4	-1.2	0.2	0.9	-0.7	1.4	1.4	1.9	1.9	1.8	0.9	1.5	0.5	-1.2	0.2	1.0	-0.9	1.0	1.1	1.7	1.8	1.8	
Warm Up	1.0	1.5	0.5	-1.2	0.2	1.0	-1.0	1.4	1.3	1.9	2.0	1.9	1.0	1.6	0.6	-1.3	0.2	1.1	-1.1	1.0	1.1	1.8	1.9	1.9	
ExStart	0.4	-1.7	-0.5	0.4	0.7	-1.3	0.5	0.5	0.4	0.7	0.5	0.7	0.7	-0.1	0.6	0.1	0.2	0.5	0.6	0.4	1.6	2.1	1.9	1.4	
Stage 1	0.1	-0.7	-0.9	0.3	0.4	-0.7	0.1	0.6	0.4	0.0	-0.3	-0.3	0.3	1.1	0.1	-0.7	-0.2	0.9	0.9	0.9	1.1	1.1	0.7	0.7	
Stage 2	0.2	-1.4	-0.4	0.6	0.6	-1.5	0.3	1.3	1.0	0.5	0.1	0.0	0.4	0.0	-0.2	-0.2	-0.2	0.0	0.0	2.6	2.5	1.8	1.4	1.3	
PeakEx	-0.1	-5.0	-4.6	1.9	2.3	-5.3	1.1	1.2	0.9	0.1	-0.1	0.3	0.7	-4.3	-4.9	1.1	3.0	-5.5	2.3	5.0	7.0	6.3	5.2	4.0	
Recovery	0.4	-0.3	-0.9	-0.1	0.6	-0.4	0.5	1.3	1.7	1.4	0.8	0.3	0.9	0.8	-0.7	-0.9	0.9	0.0	0.1	2.2	3.3	3.4	2.9	1.9	
Recovery	0.5	0.0	-0.8	-0.2	0.2	-0.3	0.7	2.4	2.6	2.1	1.3	1.0	1.0	1.9	0.6	-1.5	0.1	1.5	0.0	2.9	3.4	2.9	1.9	1.6	
Recovery	0.3	0.9	0.5	-0.6	0.0	0.7	-0.1	0.8	0.5	-0.2	-0.5	-0.5	0.4	1.1	0.7	-0.7	-0.2	0.9	0.3	1.4	1.5	1.1	0.7	0.4	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	6.0	9.0	3.1	-7.6	1.4	6.1	-4.6	9.8	9.6	12.8	12.8	11.7
Standing	6.0	9.0	3.1	-7.6	1.4	6.1	-4.6	9.8	9.6	12.8	12.8	11.7
HV	6.0	9.0	3.1	-7.6	1.4	6.1	-4.6	9.8	9.6	12.8	12.8	11.7
Warm Up	6.1	9.6	3.4	-7.9	1.3	6.5	-6.3	9.4	8.9	12.5	12.8	12.1
ExStart	1.4	-8.2	-1.4	1.9	3.0	-7.3	1.6	2.8	0.2	1.5	0.0	2.1
Stage 1	0.0	-6.6	-6.4	3.3	1.5	-6.6	-0.4	2.0	1.2	-1.0	-2.0	-2.4
Stage 2	0.4	-8.9	-2.8	4.2	4.4	-10.0	2.3	2.0	0.9	-1.3	-3.1	-3.6
PeakEx	-1.6	-15.9	-14.0	7.4	6.2	-15.3	3.6	-1.5	-2.8	-7.1	-7.3	-4.2
Recovery	0.6	-3.3	-3.3	1.3	1.6	-1.4	2.3	3.0	3.5	1.6	-0.7	-2.4
Recovery	0.9	-4.0	-5.7	1.4	1.3	-4.4	3.6	8.3	8.3	6.0	3.7	2.6
Recovery	1.3	3.3	2.0	-2.3	0.6	2.7	-0.6	1.9	0.3	-2.9	-3.9	-4.1



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	123	92	58	51	448	226	1069	-811	346	-28	I	-16	0.00	0	0
01:00	129	110	56	59	466	297	1079	-825	-287	-75	avF	-132	0.00	0	0
01:30	135	86	68	69	383	199	1033	-799	-359	-68	III	-141	0.00	0	0
02:00	140	130	66	60	407	305	986	-820	292	-119	avF	-140	0.00	0	0
02:30	145	114	46	54	159	224	937	-754	-325	-117	III	-79	0.00	0	0
03:00	148	124	68	62	369	214	957	-809	-378	-48	III	-132	0.00	0	0
03:30	146	126	66	60	357	237	961	-792	184	-106	V6	-68	0.00	0	0
04:00	150	118	68	58	374	251	922	-778	169	-90	V6	-73	0.00	0	0
04:30	152	114	48	58	160	281	930	-860	-392	-28	avF	-90	0.00	0	0
05:00	169	102	66	56	371	372	821	-844	304	-170	V6	-148	0.00	0	0
05:30	168	98	46	67	141	201	857	-832	-362	-81	avF	-207	0.00	0	0
06:00	174	54	68	48	439	272	803	-798	-233	-152	V6	-112	0.00	0	0
06:30	176	106	66	62	315	394	800	-916	274	-165	V6	-167	0.00	0	0
07:00	176	90	66	63	357	332	816	-831	227	-51	II	-179	0.00	0	0
07:30	179	92	66	46	351	187	804	-865	229	-67	avF	-136	0.00	0	0
08:00	191	84	66	66	325	408	837	-978	-490	-280	avF	-234	0.00	0	0
08:30	191	84	66	66	325	408	837	-978	-490	-280	avF	-234	0.00	0	0
09:00	196	80	86	66	387	408	837	-978	-490	-280	III	-234	0.00	0	0
09:30	194	84	88	48	363	-1013	718	-1006	-3496	30	avF	-154	0.00	0	0
10:00	173	88	70	54	344	378	788	-870	452	-64	III	-97	0.00	0	0
10:30	161	104	52	57	333	392	1035	-795	587	-89	III	-42	0.00	0	0
11:00	159	110	66	61	326	211	992	-833	435	-80	III	-87	0.00	0	0
11:30	149	72	46	64	326	156	1098	-871	419	-80	III	-87	0.00	0	0
12:00	143	88	68	67	446	224	1041	-860	383	-77	II	-60	0.00	0	0
12:30	144	122	46	63	151	174	1020	-879	-351	-229	V6	-58	0.00	0	0

**AAROGYAM DIAGNOSTICS**

Patna

1138 / MS. NILU KUMARI / 32 Yrs / Female / 149 Cm / 64 Kg

**Median Measurement Summary**

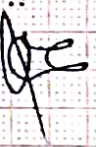
Time (Min.)	HR (bpm)	PR Int (mS)	QRS Wid (mS)	QRS Axis (Deg.)	QTC (mS)	P(μV) (Max)	R(μV) (Max)	S(μV) (Min)	T(μV) (Max)	Min. J (μV)	Leads for (J & PJ)	Min. Post JRR Var (μV)	Var (%)	VEB (Counts)	Missed Beats (Counts)
13:00	141	118	46	68	136	185	984	-880	-323	-244	V6	-71	0.00	0	0

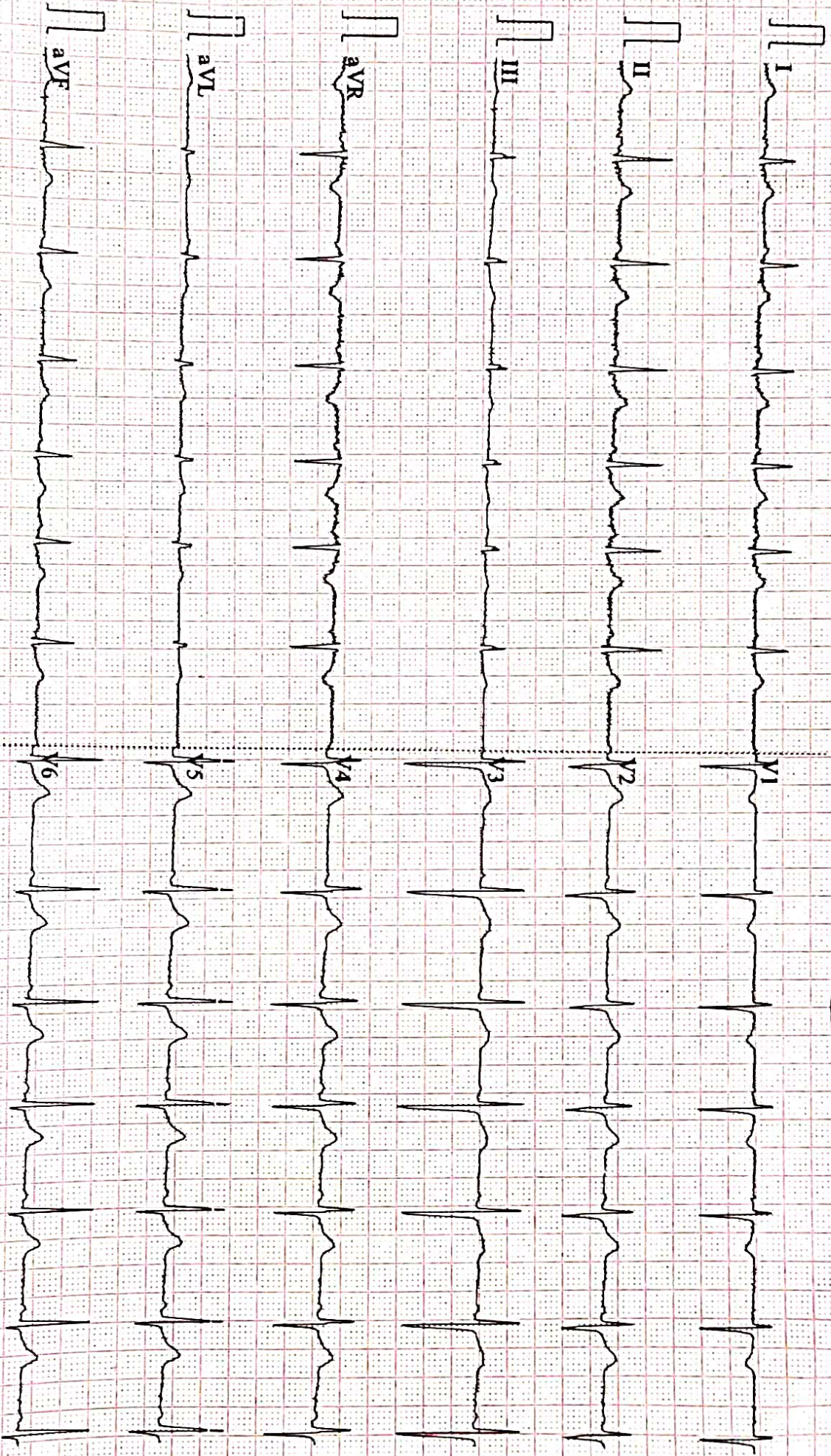
Nilu Kumari  
Female Years

12-02-2022 12:17:59 PM

Diagnosis Information:  
Sinus Arrhythmia

HR	: 78	bpm
P	: 83	ms
PR	: 122	ms
QRS	: 77	ms
QT/QTc	: 361/412	ms
P/QRS/T	: 42/49/43	°
RV5/SV1	: 1.130/0.987	mV

Ref-Phys. :  
Report Confirmed by: 







ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

F- 41, RC. Colony, Opp Madhuban Complex,  
Near Malati Pakart Chowk, Kankarbagh, Patna - 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Name :- Ms. Nilu Kumari  
Refd by :- BoB

Age/Sex:-33yrs/F  
Date :-12/02/22

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size (12.1cm) with normal echotexture. No focal or diffuse lesion is seen.  
HBR 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(10.0cm) 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 9.5 x 3.3cm and Left Kidney measures 9.9 x 4.1cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Normal in size (7.6 x 3.2cm)and anteverted in position with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern.  
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 of USG ABDOMEN.*

  
**Dr. Uday Kumar**  
**MBBS, MD(Radiology)**  
**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

Date	12/02/2022	Srl No.	17	Patient Id	2202120017
Name	Mrs. NILU KUMARI	Age	32 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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### HAEMATOLOGY

HB A1C	5.2	%	
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#### 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**



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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 www.aarogyamdiagnostics.com

<b>Date</b>	<b>12/02/2022</b>	<b>Srl No.</b>	<b>17</b>	<b>Patient Id</b>	<b>2202120017</b>
<b>Name</b>	<b>Mrs. NILU KUMARI</b>	<b>Age</b>	<b>32 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	11.4	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	5,400	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	10	mm/1st hr.	0 - 20
R B C COUNT	3.82	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	34.2	%	35 - 45
M C V	89.53	fl.	80 - 100
M C H	29.84	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.72	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		

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

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



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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

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<b>Date</b>	<b>12/02/2022</b>	<b>Srl No.</b>	<b>17</b>	<b>Patient Id</b>	<b>2202120017</b>
<b>Name</b>	<b>Mrs. NILU KUMARI</b>	<b>Age</b>	<b>32 Yrs.</b>	<b>Sex</b>	<b>F</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
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## BIOCHEMISTRY

BLOOD SUGAR FASTING	83.5	mg/dl	70 - 110
BLOOD SUGAR PP	96.4	mg/dl	80 - 160
SERUM CREATININE	0.73	mg%	0.5 - 1.3
BLOOD UREA	22.6	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.5	mg%	2.5 - 6.0

### LIVER FUNCTION TEST (LFT)

BILIRUBIN TOTAL	0.56	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.19	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.37	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.1	gm/dl	6.6 - 8.3
ALBUMIN	3.6	gm/dl	3.4 - 5.2
GLOBULIN	3.5	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.029</b>		
SGOT	26.4	IU/L	5 - 35
SGPT	29.5	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	86.7	U/L	35.0 - 104.0
GAMMA GT	24.6	IU/L	6.0 - 42.0

### LFT INTERPRET

### LIPID PROFILE

TRIGLYCERIDES	88.3	mg/dL	25.0 - 165.0
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<b>Name</b>	<b>Mrs. NILU KUMARI</b>	<b>Age 32 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
TOTAL CHOLESTEROL	167.1	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	42.9	mg/dL	35.1 - 88.0
V L D L	17.66	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	106.54	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.895		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.483		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	1.0	ng/ml	0.60 - 1.81
T4 Chemiluminescence	9.80	ug/dl	4.5 - 10.9
TSH Chemiluminescence	4.64	uIU/ml	
<b>REFERENCE RANGE</b>			
<b>PAEDIATRIC AGE GROUP</b>			
0-3 DAYS	1-20	ulu/ ml	
3-30 DAYS	0.5 - 6.5	ulu/ml	
1 MONTH -5 MONTHS	0.5 - 6.0	ulu/ml	
6 MONTHS- 18 YEARS	0.5 - 4.5	ulu/ml	
<b>ADULTS</b>	0.39 - 6.16	ulu/ml	

**Note:** TSH levels are subject to circadian variation, rising several hours before the onset of sleep, reaching peak levels between 11 pm to 6 am. Nadir concentrations are observed during the afternoon. Diurnal variation in TSH level approximates  $\pm 50\%$ , hence time of the day has influence on the measured serum TSH concentration.



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

Test Name	Value	Unit	Normal Value
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Assay performed on enhanced chemi luminescence 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.
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.

### URINE EXAMINATION TEST

#### PHYSICAL EXAMINATION

QUANTITY	20	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.020	
PH	6.0	



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

Test Name	Value	Unit	Normal Value
-----------	-------	------	--------------

### CHEMICAL EXAMINATION

ALBUMIN	NIL		
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SUGAR	NIL		
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### MICROSCOPIC EXAMINATION

PUS CELLS	0-1	/HPF	
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RBC'S	NIL	/HPF	
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CASTS	NIL		
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CRYSTALS	NIL		
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EPITHELIAL CELLS	0-1	/HPF	
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BACTERIA	NIL		
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OTHERS	NIL		
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\*\*\*\* End Of Report \*\*\*\*

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