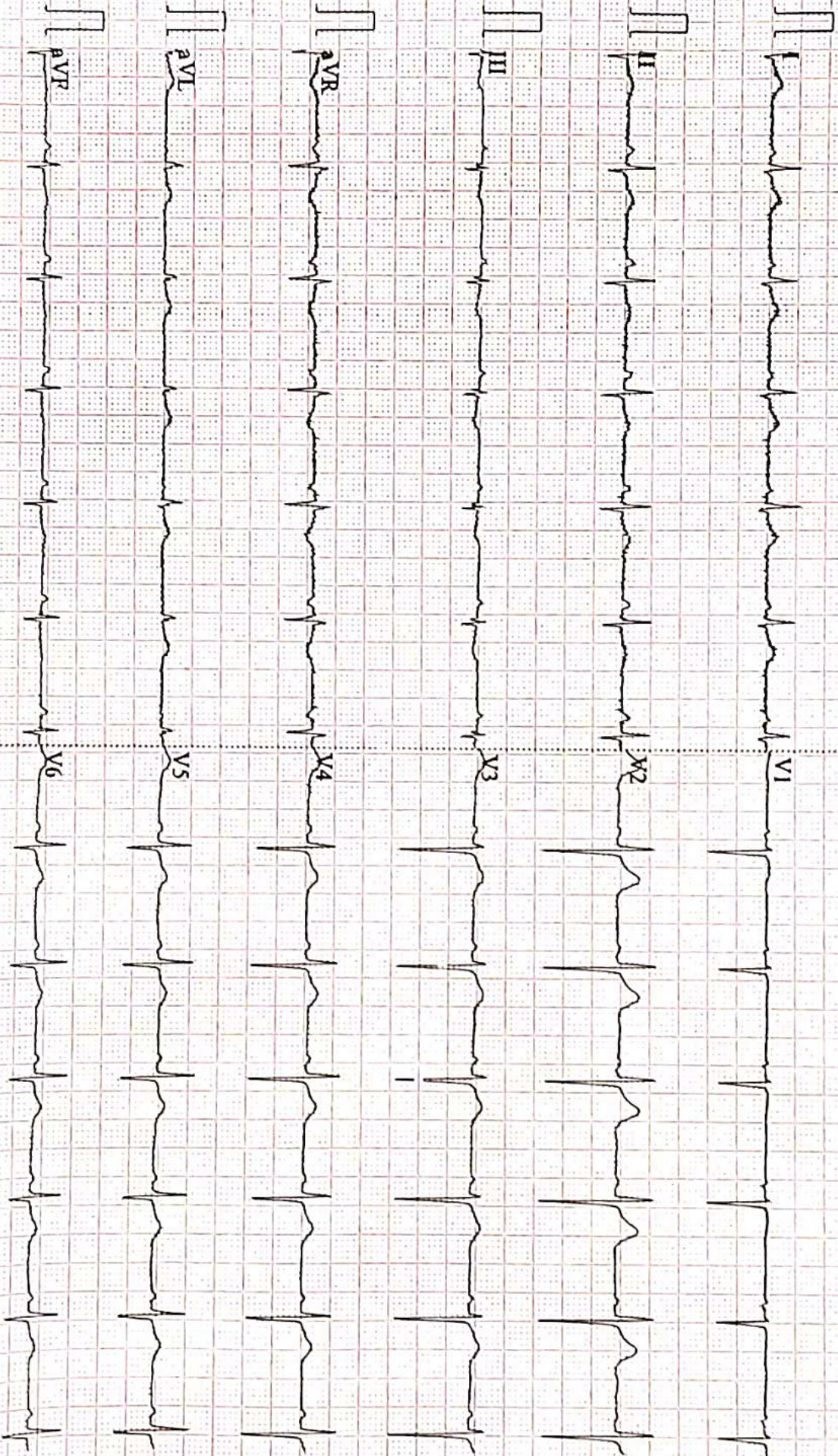


Sulekha Kumari  
Female Years

|         |               |     |
|---------|---------------|-----|
| HR      | : 73          | bpm |
| P       | : 82          | ms  |
| PR      | : 136         | ms  |
| QRS     | : 72          | ms  |
| QT/QTc  | : 361/398     | ms  |
| P/QRS/T | : 60/-11/8    | °   |
| RV5/SV1 | : 0.599/0.854 | mV  |

Diagnosis Information:  
Sinus Rhythm  
Abnormal Q Wave(III)

Ref-Phys. :  
Report Confirmed by:





# SUBHAM IMAGING & A.L.C. DIAGNOSTICS CENTRE

H.O. : Ajay Market, Bank of Baroda Building, East Ashok Nagar, Kankarbagh, Patna - 20

B.O. : Khanpura Road (Below Gyan Sharowar School), Paliganj, Patna.

e-mail : shubham.pat.usg@gmail.com # website : www.pkarogayamhealthcheckup.com

OPINION MUST BE CORRELATES WITH CLINICAL & OTHER INVESTIGATION FOR DIAGNOSIS NOT FOR MEDICO LEGAL PURPOSE

Pt. Name :- **SULEKHA KUMARI**  
Ref. By :- **DR .AROGYAM**

Date:- **23-Jan-22**  
Age / Sex **37 Yrs. F.**

## REAL TIME U.S.G. OF WHOLE ABDOMEN

Thanks for your kind referral

(Report.)

- LIVER** :- Measures 13.04 cm. Normal in shape , size and echo texture.I.H.B.R. are not dilated. Hepatic veins are normal. No SOL seen.
- G.BL.** :- Lumen is echo free. Wall thickness appears normal.
- C.B.D.** :- Measures 3.3 mm in diameter with echo free lumen. No calculi or mass seen.
- P.V.** :- Measures 7.2 mm in diameter. Appears normal. No thrombus seen.
- PANCREAS** :- Normal in shape, size and echo texture. No calcification mass seen.
- SPLEEN** :- Measures 9.75 cm. Normal in shape, size and echo texture.  
No SOL seen.
- KIDNEY** :- Both kidney shows normal shape, size & echotexture. C.M.D.intact.  
P.C.S.is not dilated. No calculi, cyst or hydronephrosis seen on either side.  
**Right Kidney :- Measures 9.10 X 4.1 cm.**  
**Left Kidney :- Measures 11 X 4.2 cm.**
- URETER** :- Not dilated .No apparent calculi seen.
- U.BLADDER**:- Shows normal in outline with echo free lumen. No calculi or mass seen.  
**Pre void – 310 ml. Post void – is in significant**
- UTERUS** :- Is normal in size, shape & position measuring 8.62X 5.70 cm. Endometrial And Myometeriam appears normal in limits No focal mass lesion seen
- ADNEXA** :- Both ovary appears normal in size and shape.  
Rt Ovary Measures – 2.10 cm Lt Ovary Measures 2.62 cm
- P.O.D** :- **Mild collection seen in P.O.D**
- R.I.F.** :- Son graphically no appendicular mass or collection seen.
- OTHERS** :- No Ascites . no Lymph Adenopathy. No pleural effusion seen on either side .

## IMPRESSION

- **Mild Collection Seen In POD-?PID**  
*Otherwise son graphically normal scan. of rest organs*

23/1/22

Consultant Radiologist

ESTB BY:-

**Dr. P. K. Tiwari**  
MD, M.Sc (Radio Imaging)  
Ph.D (Alt Nuclear Medicine)  
Consultant Imagonologist & Sonologist

**Dr. S. Kumar**  
MD. (Pat)  
Consultant Pathologist

**Dr. A. K. Singh**  
MBBS, PGDMCH  
Consultant Radiologist & Sonologist

**AAROGYAM DIAGNOSTICS**

Patna

**Report**

(GEM212170906)(R)Kardic by Allengers

1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg Date: 23-Jan-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 | 85   | 46 %           | 110/70 | 093 | 00  |          |
| Standing       | 00:10 | 0:01     | 00.0             | 00.0      | 01.0 | 92   | 50 %           | 110/70 | 101 | 00  |          |
| HV             | 00:18 | 0:01     | 00.0             | 00.0      | 01.0 | 093  | 51 %           | 110/70 | 102 | 00  |          |
| Warm Up        | 00:28 | 0:01     | 01.0             | 00.0      | 01.0 | 091  | 49 %           | 110/70 | 100 | 00  |          |
| ExStart        | 00:44 | 0:06     | 01.7             | 10.0      | 01.1 | 115  | 62 %           | 110/70 | 126 | 00  |          |
| BRUCE/ Stage 1 | 03:44 | 3:00     | 01.7             | 10.0      | 04.7 | 144  | 78 %           | 120/80 | 172 | 00  |          |
| BRUCE/ Stage 2 | 06:44 | 3:00     | 02.5             | 12.0      | 07.1 | 155  | 84 %           | 125/85 | 193 | 00  |          |
| PeakEx         | 07:54 | 1:10     | 03.4             | 14.0      | 08.3 | 172  | 93 %           | 125/85 | 215 | 00  |          |
| Recovery       | 08:53 | 1:00     | 01.1             | 00.0      | 01.2 | 150  | 82 %           | 125/85 | 187 | 00  |          |
| Recovery       | 09:53 | 2:00     | 01.1             | 00.0      | 01.0 | 132  | 72 %           | 120/80 | 158 | 00  |          |
| Recovery       | 11:05 | 3:11     | 01.1             | 00.0      | 01.0 | 123  | 67 %           | 120/80 | 147 | 00  |          |

**Findings :**

Exercise Time : 07:11  
Max HR Attained : 172 bpm 93% of Target 184  
Max BP Attained : (Sys) 125/85  
Max WorkLoad Attained : 8.3 Fair response to induced stress  
Max ST Dep Lead & Value : III & -0.6 mm in Supine mm  
Test End Reasons : Test Complete

**Report :**

Doctor : Doctor Name

**AAROGYAM DIAGNOSTICS**

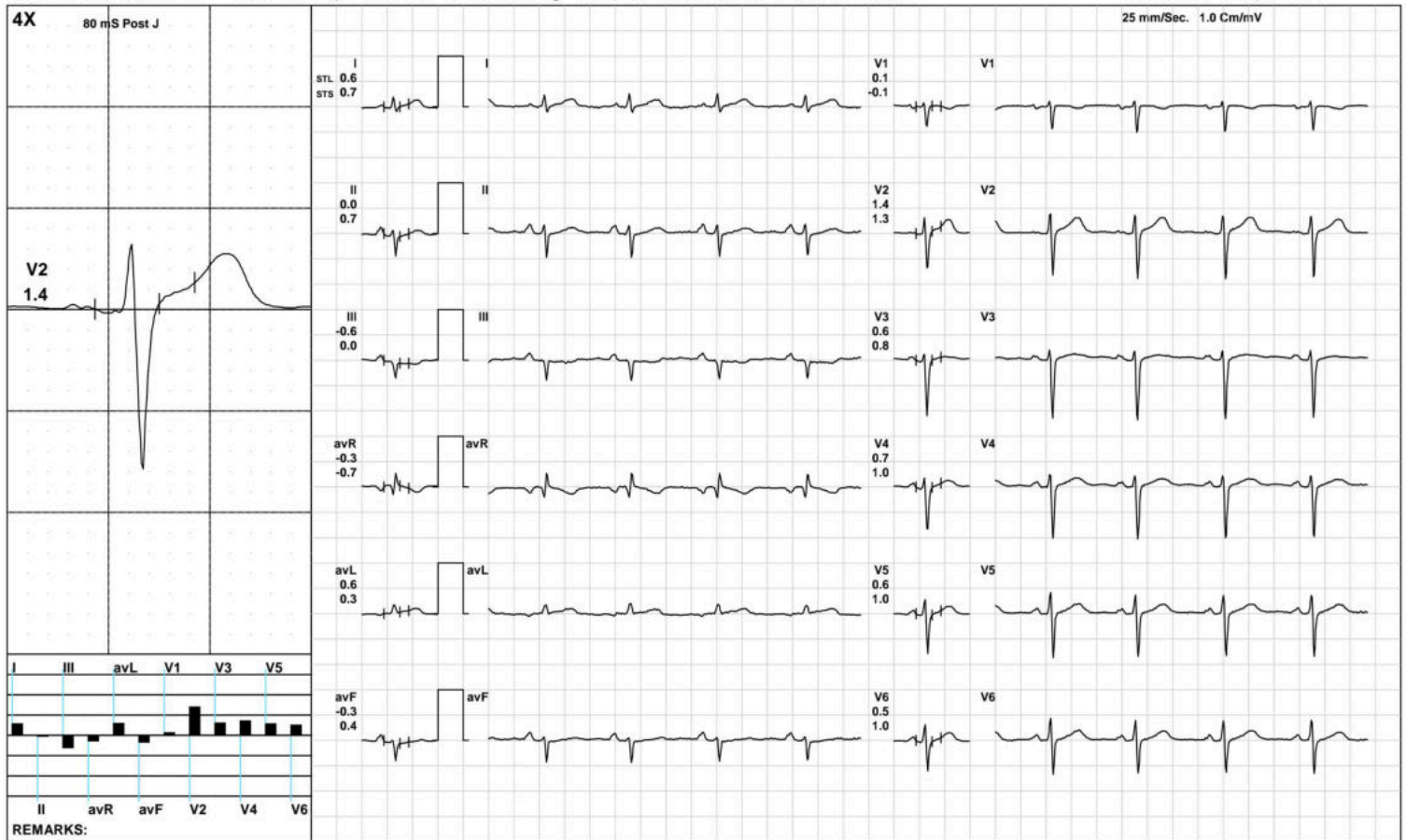
Supine



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 85

Date: 23-Jan-2022 12:31:29 PM METS: 1.0/ 85 bpm 46% of THR BP: 110/70 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**

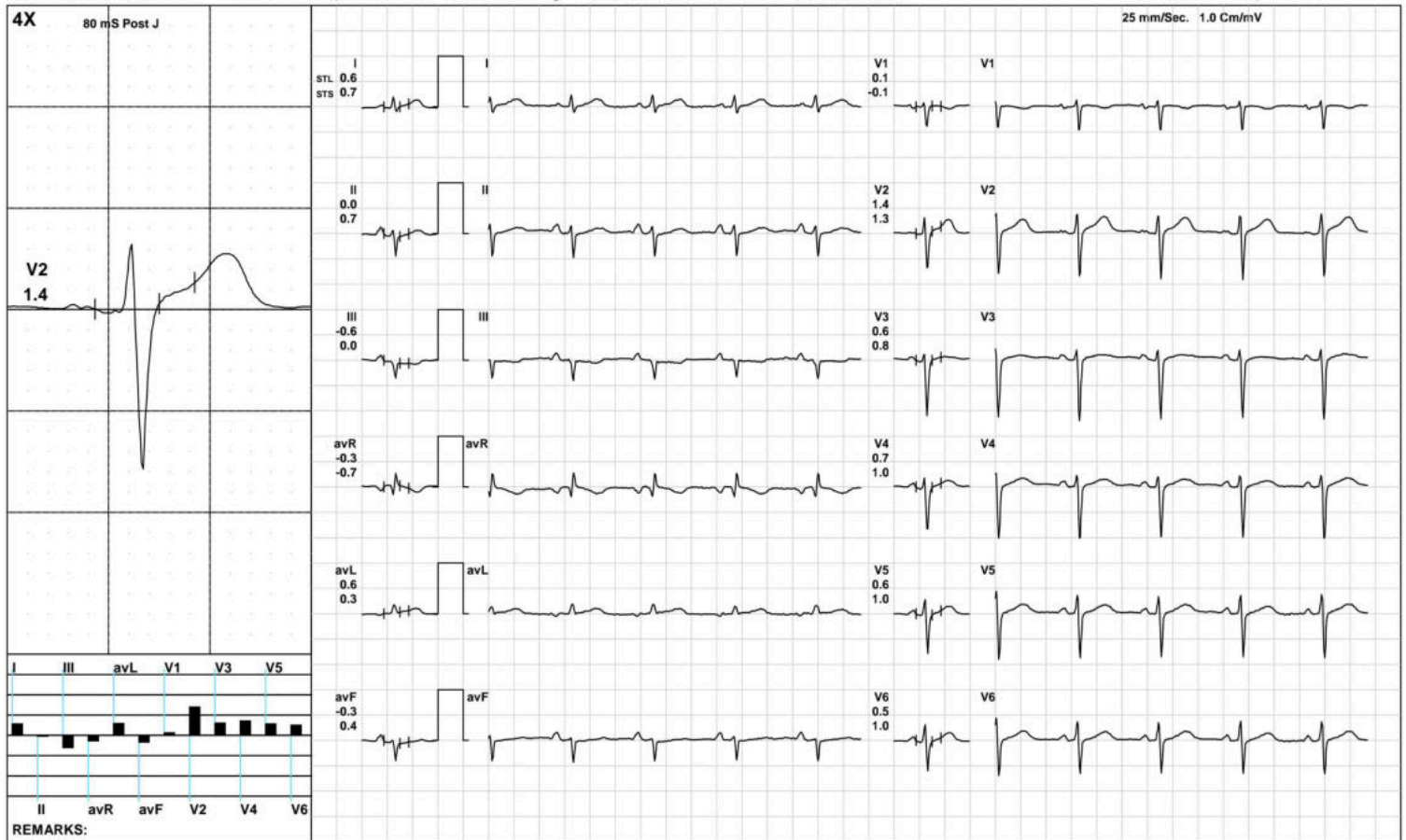
Standing



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 92

Date: 23-Jan-2022 12:31:29 PM METS: 1.0/ 92 bpm 50% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:10 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

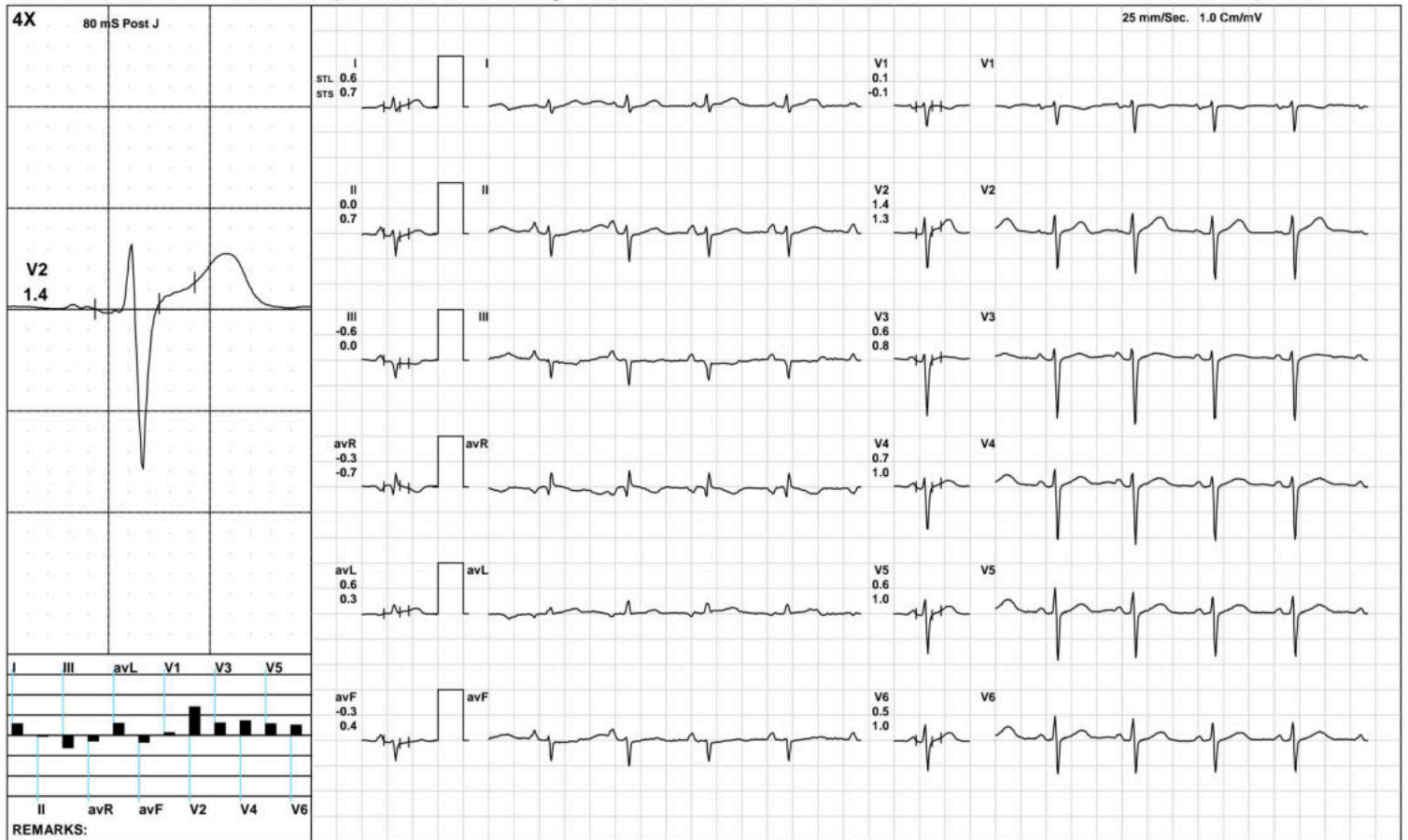
HV



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 93

Date: 23-Jan-2022 12:31:29 PM METS: 1.0/ 93 bpm 50% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:18 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

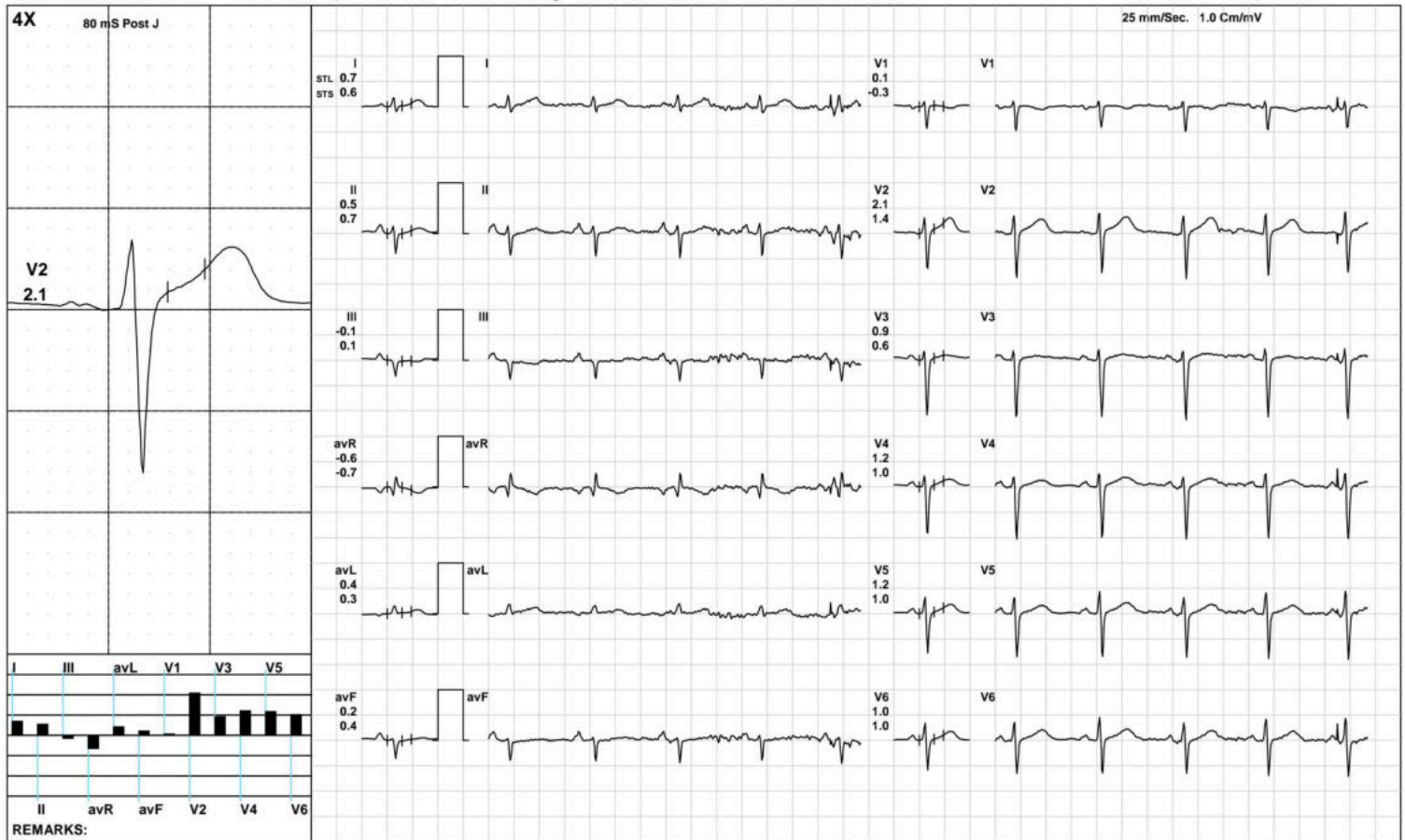
Warm Up



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 91

Date: 23-Jan-2022 12:31:29 PM METS: 1.0/ 91 bpm 49% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:28 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

ExStart



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 115

Date: 23-Jan-2022 12:31:29 PM METS: 1.1/ 115 bpm 62% 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%



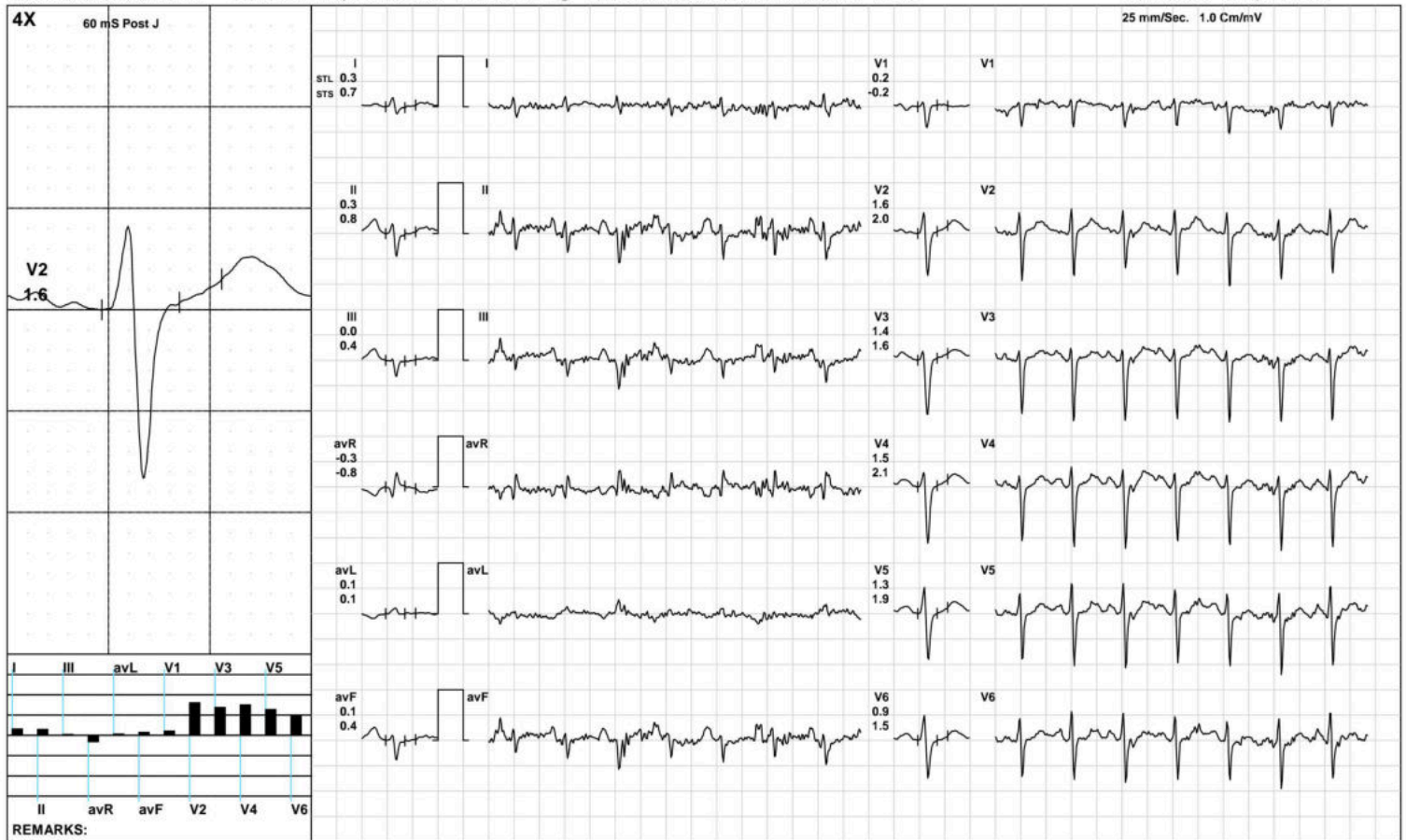


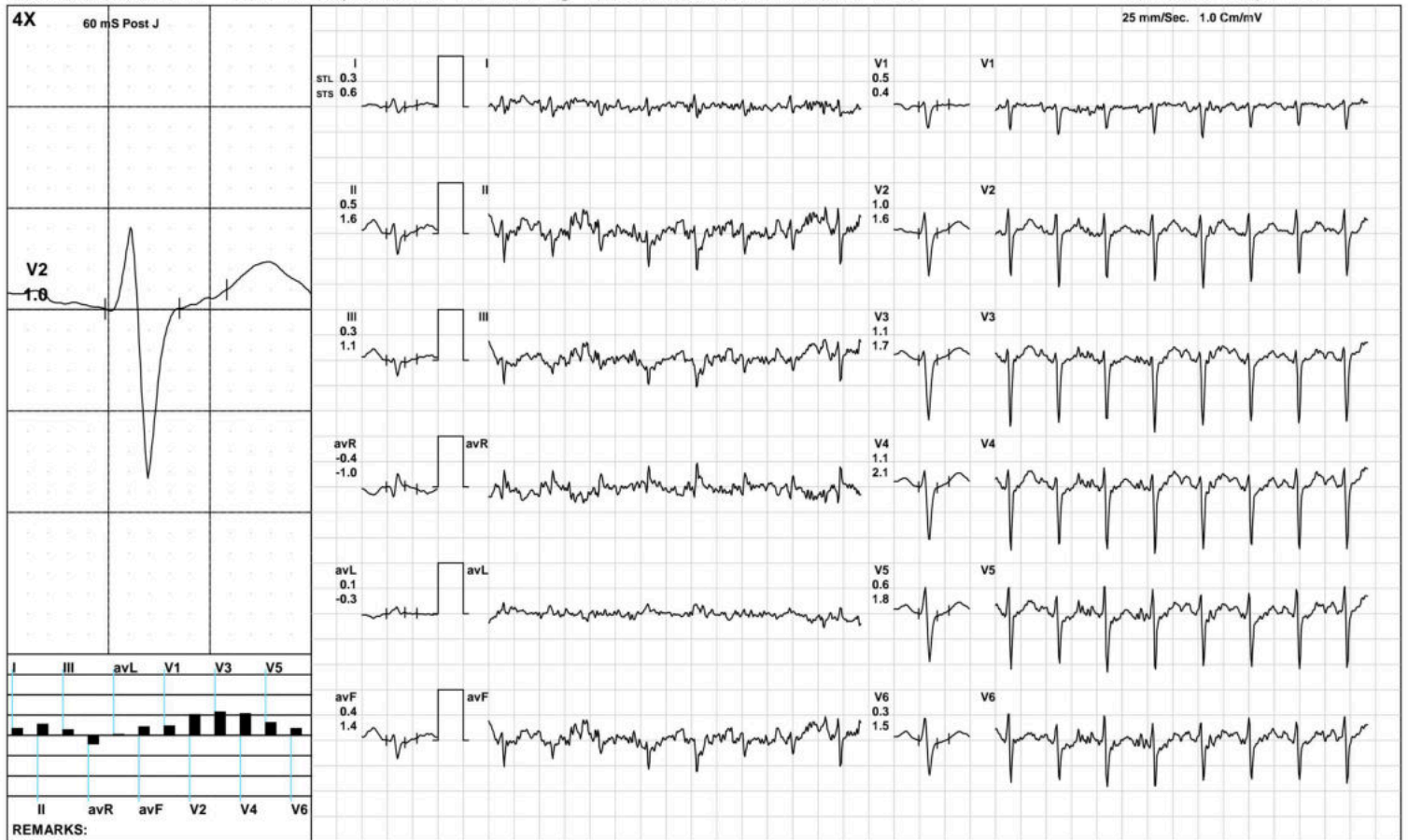


1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 144

Date: 23-Jan-2022 12:31:29 PM METS: 4.7/ 144 bpm 78% 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%





**AAROGYAM DIAGNOSTICS**

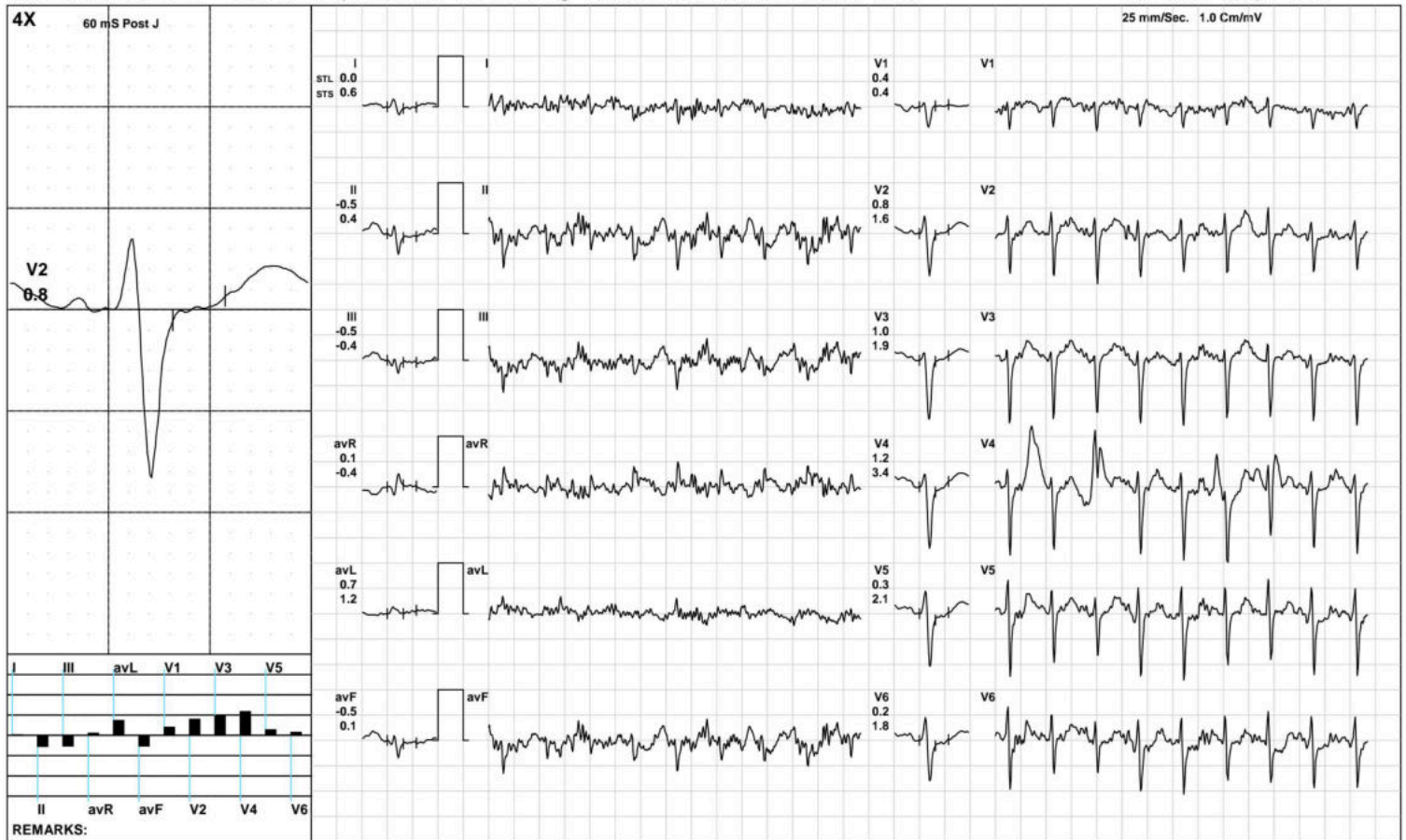
**PeakEx**



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 172

Date: 23-Jan-2022 12:31:29 PM METS: 8.3/ 172 bpm 93% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:10 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

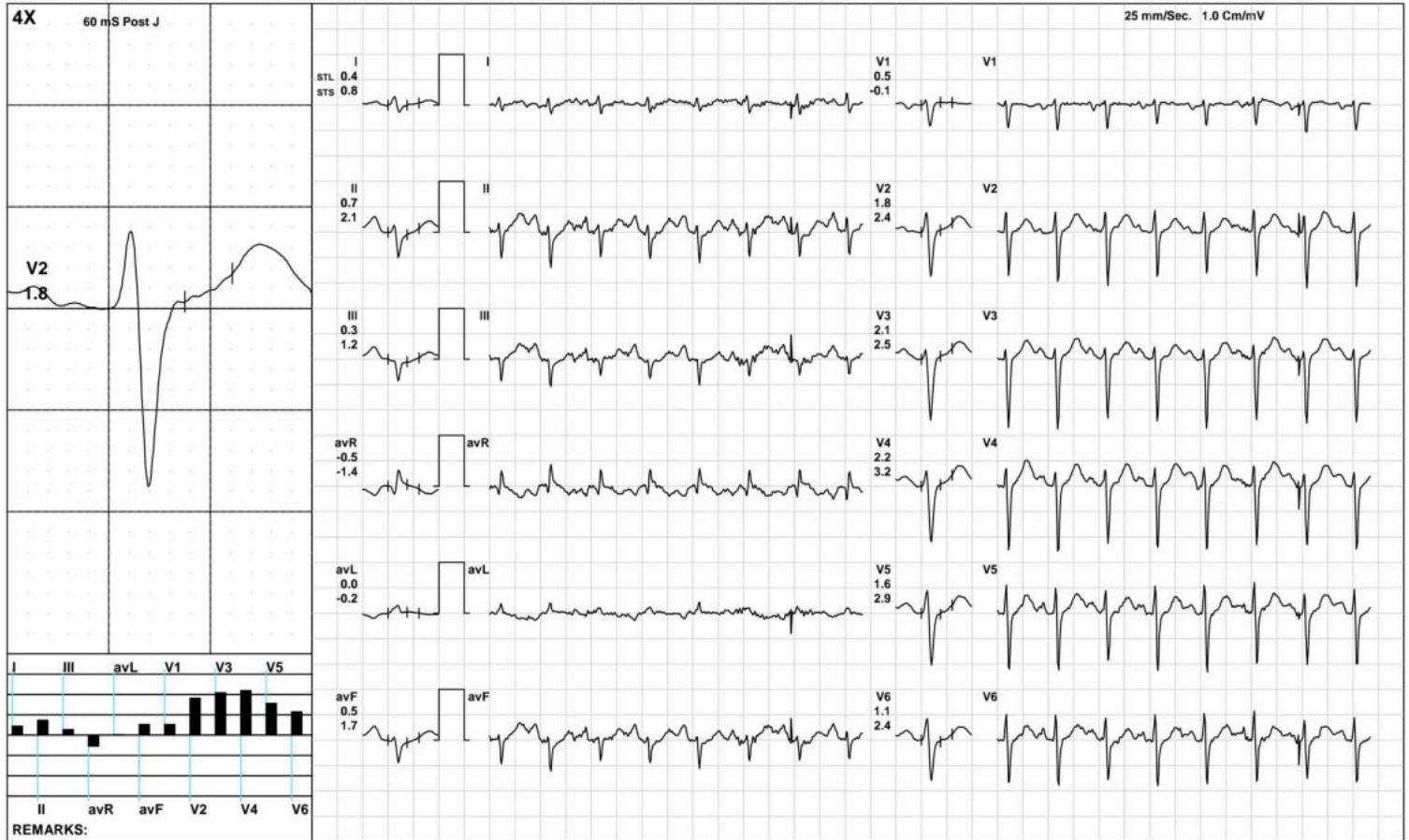
Recovery(1:00)



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 150

Date: 23-Jan-2022 12:31:29 PM METS: 1.2/ 150 bpm 81% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:11 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

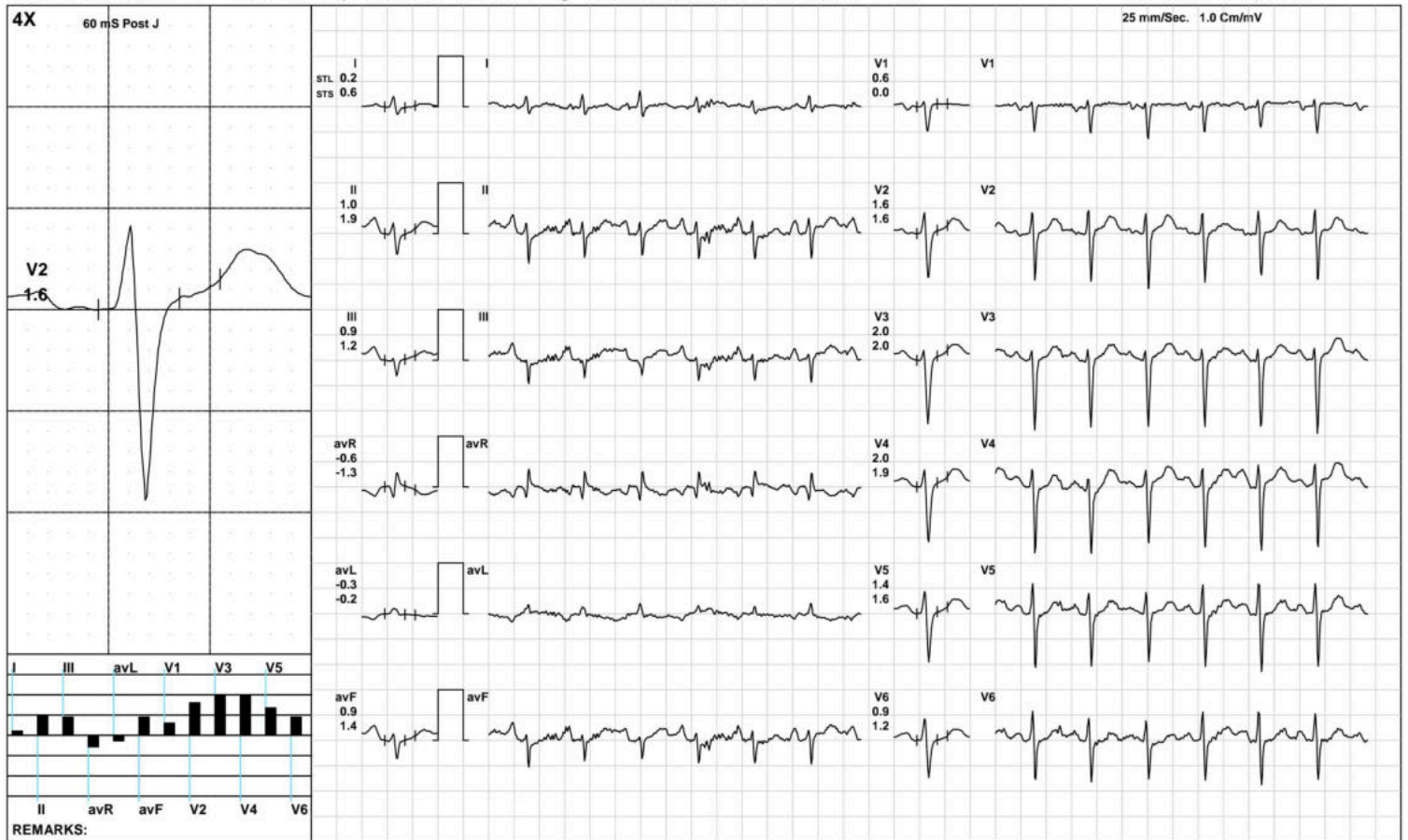
Recovery(2:00)



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 132

Date: 23-Jan-2022 12:31:29 PM METS: 1.0/ 132 bpm 71% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:11 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

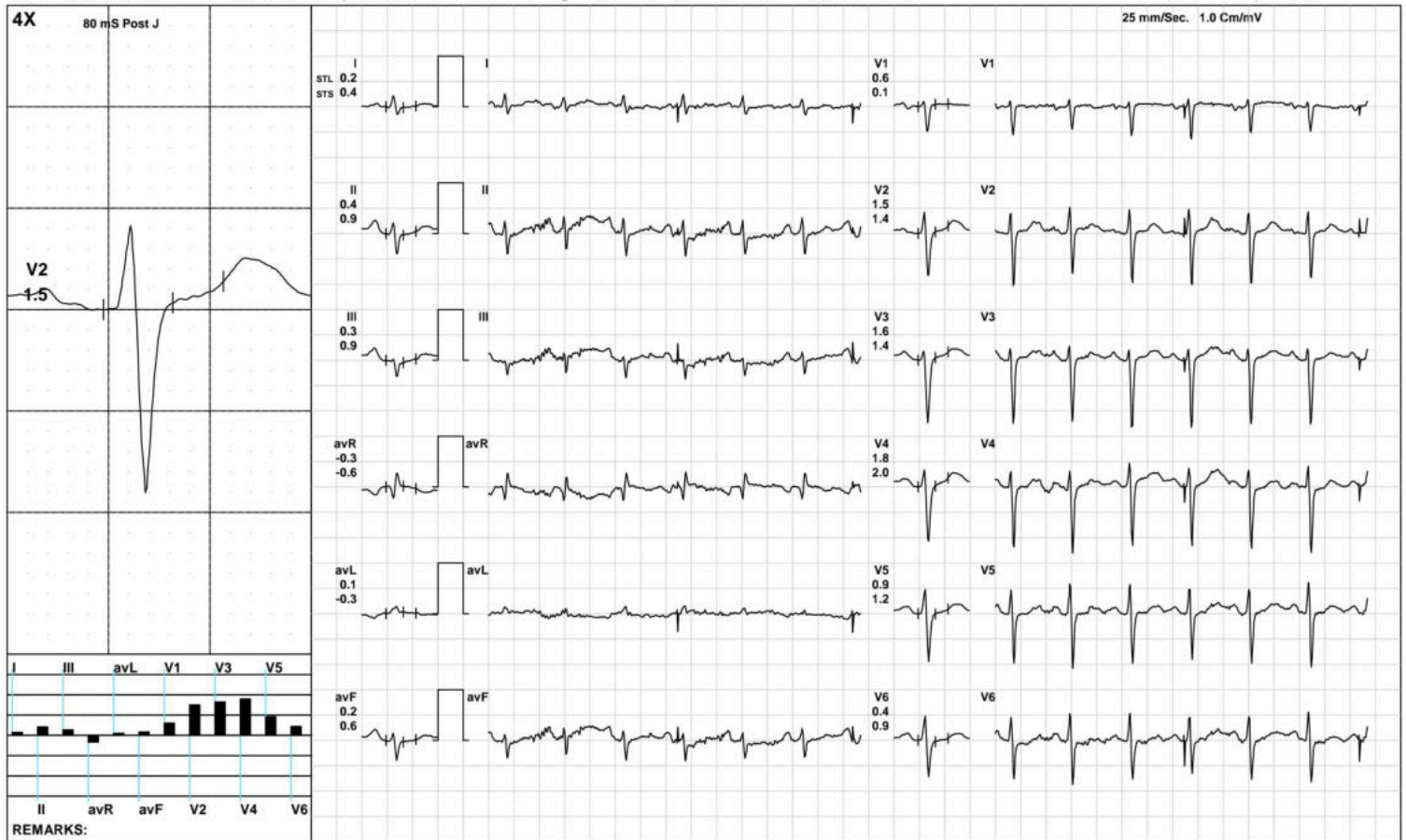
Recovery(3:11)



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 123

Date: 23-Jan-2022 12:31:29 PM METS: 1.0/ 123 bpm 66% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:11 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1098 / SULEKHA KUMARI / 36 Yrs / F / 147 Cms / 66 Kg / HR : 96

Date: 23-Jan-2022 12:31:29 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   | 0.6 | 0.0  | -0.6 | -0.3 | 0.6  | -0.3 | 0.1  | 1.4 | 0.6 | 0.7 | 0.6 | 0.5 | 0.7 | 0.7 | 0.0  | -0.7 | 0.3  | 0.4 | -0.1 | 1.3 | 0.8 | 1.0 | 1.0 | 1.0 |             |
| 80 @mS Standing | 0.6 | 0.0  | -0.6 | -0.3 | 0.6  | -0.3 | 0.1  | 1.4 | 0.6 | 0.7 | 0.6 | 0.5 | 0.7 | 0.7 | 0.0  | -0.7 | 0.3  | 0.4 | -0.1 | 1.3 | 0.8 | 1.0 | 1.0 | 1.0 |             |
| HV              | 0.6 | 0.0  | -0.6 | -0.3 | 0.6  | -0.3 | 0.1  | 1.4 | 0.6 | 0.7 | 0.6 | 0.5 | 0.7 | 0.7 | 0.0  | -0.7 | 0.3  | 0.4 | -0.1 | 1.3 | 0.8 | 1.0 | 1.0 | 1.0 |             |
| Warm Up         | 0.7 | 0.5  | -0.1 | -0.6 | 0.4  | 0.2  | 0.1  | 2.1 | 0.9 | 1.2 | 1.2 | 1.0 | 0.6 | 0.7 | 0.1  | -0.7 | 0.3  | 0.4 | -0.3 | 1.4 | 0.6 | 1.0 | 1.0 | 1.0 |             |
| ExStart         | 1.3 | 0.8  | -0.1 | -0.5 | 1.6  | 0.1  | -0.1 | 1.9 | 1.0 | 1.2 | 1.3 | 0.7 | 1.5 | 1.3 | -1.0 | -1.3 | 1.3  | 0.1 | -1.1 | 1.5 | 0.2 | 0.5 | 1.0 | 0.3 |             |
| Stage 1         | 0.3 | 0.3  | 0.0  | -0.3 | 0.1  | 0.1  | 0.2  | 1.6 | 1.4 | 1.5 | 1.3 | 0.9 | 0.7 | 0.8 | 0.4  | -0.8 | 0.1  | 0.4 | -0.2 | 2.0 | 1.6 | 2.1 | 1.9 | 1.5 |             |
| Stage 2         | 0.3 | 0.5  | 0.3  | -0.4 | 0.1  | 0.4  | 0.5  | 1.0 | 1.1 | 1.1 | 0.6 | 0.3 | 0.6 | 1.6 | 1.1  | -1.0 | -0.3 | 1.4 | 0.4  | 1.6 | 1.7 | 2.1 | 1.8 | 1.5 |             |
| PeakEx          | 0.0 | -0.5 | -0.5 | 0.1  | 0.7  | -0.5 | 0.4  | 0.8 | 1.0 | 1.2 | 0.3 | 0.2 | 0.6 | 0.4 | -0.4 | -0.4 | 1.2  | 0.1 | 0.4  | 1.6 | 1.9 | 3.4 | 2.1 | 1.8 |             |
| Recovery        | 0.4 | 0.7  | 0.3  | -0.5 | 0.0  | 0.5  | 0.5  | 1.8 | 2.1 | 2.2 | 1.6 | 1.1 | 0.8 | 2.1 | 1.2  | -1.4 | -0.2 | 1.7 | -0.1 | 2.4 | 2.5 | 3.2 | 2.9 | 2.4 |             |
| Recovery        | 0.2 | 1.0  | 0.9  | -0.6 | -0.3 | 0.9  | 0.6  | 1.6 | 2.0 | 2.0 | 1.4 | 0.9 | 0.6 | 1.9 | 1.2  | -1.3 | -0.2 | 1.4 | 0.0  | 1.6 | 2.0 | 1.9 | 1.6 | 1.2 |             |
| Recovery        | 0.2 | 0.4  | 0.3  | -0.3 | 0.1  | 0.2  | 0.6  | 1.5 | 1.6 | 1.8 | 0.9 | 0.4 | 0.4 | 0.9 | 0.9  | -0.6 | -0.3 | 0.6 | 0.1  | 1.4 | 1.4 | 2.0 | 1.2 | 0.9 |             |

|          | I    | II   | III  | avR  | avL  | avF  | V1  | V2   | V3  | V4   | V5   | V6   |
|----------|------|------|------|------|------|------|-----|------|-----|------|------|------|
| STI(μVs) |      |      |      |      |      |      |     |      |     |      |      |      |
| Supine   | 5.0  | -0.4 | -5.3 | -2.4 | 5.2  | -2.9 | 0.3 | 12.1 | 4.0 | 5.3  | 4.8  | 4.5  |
| Standing | 5.0  | -0.4 | -5.3 | -2.4 | 5.2  | -2.9 | 0.3 | 12.1 | 4.0 | 5.3  | 4.8  | 4.5  |
| HV       | 5.0  | -0.4 | -5.3 | -2.4 | 5.2  | -2.9 | 0.3 | 12.1 | 4.0 | 5.3  | 4.8  | 4.5  |
| Warm Up  | 5.6  | 4.1  | -1.5 | -4.9 | 3.5  | 1.3  | 0.5 | 15.8 | 6.5 | 8.6  | 8.7  | 7.9  |
| ExStart  | 7.6  | 4.8  | 1.1  | -1.7 | 10.7 | 0.7  | 0.8 | 13.7 | 8.2 | 9.5  | 9.6  | 6.4  |
| Stage 1  | 0.9  | 0.7  | -0.4 | -0.8 | 0.4  | 0.3  | 2.1 | 6.1  | 5.5 | 5.4  | 4.1  | 2.6  |
| Stage 2  | 0.4  | 0.3  | 0.0  | -0.3 | 0.2  | 0.2  | 2.2 | 3.1  | 3.8 | 2.5  | 0.3  | -0.8 |
| PeakEx   | -1.1 | -3.4 | -1.9 | 1.2  | 2.0  | -2.5 | 1.0 | 0.7  | 1.4 | -0.8 | -2.7 | -2.8 |
| Recovery | 1.5  | 0.5  | -1.2 | -0.8 | 1.0  | 0.0  | 3.1 | 6.1  | 7.2 | 6.8  | 4.1  | 2.6  |
| Recovery | 0.3  | 2.9  | 3.6  | -1.5 | -1.2 | 3.1  | 3.4 | 6.7  | 8.4 | 8.7  | 5.4  | 3.2  |
| Recovery | 0.5  | 1.3  | 0.2  | -1.3 | 1.3  | 0.0  | 4.2 | 8.5  | 9.5 | 9.9  | 4.7  | 1.8  |



Patna

1098 / SULEKHA KUMARI / 36 Yrs / Female / 147 Cm / 66 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       | 112      | 122         | 86           | -22             | 319      | 182         | 497         | -1133       | 302         | -41         | III                | -33                    | 0.00 | 0            | 0                     |
| 01:00       | 122      | 128         | 64           | -26             | 354      | 330         | 553         | -1155       | 689         | -236        | III                | -144                   | 0.00 | 0            | 0                     |
| 01:30       | 130      | 132         | 80           | -40             | 336      | 283         | 552         | -1131       | 400         | -50         | avF                | -57                    | 0.00 | 0            | 0                     |
| 02:00       | 135      | 118         | 66           | -49             | 429      | 224         | 469         | -1135       | 212         | -43         | avF                | -21                    | 0.00 | 0            | 0                     |
| 02:30       | 144      | 140         | 66           | -80             | 308      | 235         | 466         | -1135       | 262         | -131        | avF                | -41                    | 0.00 | 0            | 0                     |
| 03:00       | 145      | 124         | 62           | -78             | 336      | 277         | 494         | -1152       | 259         | -254        | II                 | -60                    | 0.00 | 0            | 0                     |
| 03:30       | 142      | 140         | 60           | -78             | 305      | 279         | 518         | -1197       | 270         | -180        | III                | -35                    | 0.00 | 0            | 0                     |
| 04:00       | 149      | 122         | 60           | -77             | 330      | 243         | 512         | -1185       | 222         | -286        | II                 | -81                    | 0.00 | 0            | 0                     |
| 04:30       | 155      | 122         | 64           | 262             | 351      | -1057       | 491         | -1219       | -1064       | -1047       | V6                 | -1062                  | 0.00 | 0            | 0                     |
| 05:00       | 151      | 92          | 66           | -90             | 366      | 321         | 520         | -1208       | 242         | -435        | V6                 | -64                    | 0.00 | 0            | 0                     |
| 05:30       | 152      | 124         | 60           | -90             | 335      | 277         | 496         | -1195       | 235         | -317        | II                 | -61                    | 0.00 | 0            | 0                     |
| 06:00       | 154      | 126         | 64           | -84             | 330      | 274         | 493         | -1221       | 232         | -208        | II                 | -73                    | 0.00 | 0            | 0                     |
| 06:30       | 154      | 110         | 60           | -80             | 340      | 267         | 514         | -1217       | 253         | -376        | V6                 | -64                    | 0.00 | 0            | 0                     |
| 07:00       | 164      | 118         | 64           | -90             | 329      | 267         | 516         | -1237       | 248         | -434        | V6                 | -97                    | 0.00 | 0            | 0                     |
| 07:30       | 169      | 108         | 60           | -76             | 334      | 302         | 484         | -1233       | 312         | -168        | avF                | -218                   | 0.00 | 0            | 0                     |
| 08:00       | 170      | 108         | 64           | 240             | 355      | 269         | 434         | -1206       | 294         | -269        | II                 | -112                   | 0.00 | 0            | 0                     |
| 08:30       | 160      | 118         | 64           | -90             | 314      | 312         | 432         | -1201       | 379         | -87         | III                | -11                    | 0.00 | 0            | 0                     |
| 09:00       | 144      | 128         | 82           | -84             | 304      | 309         | 449         | -1242       | 422         | 7           | avL                | -8                     | 0.00 | 0            | 0                     |
| 09:30       | 138      | 144         | 82           | -74             | 333      | -914        | 556         | -1332       | -1070       | -927        | V6                 | -905                   | 0.00 | 0            | 0                     |
| 10:00       | 129      | 124         | 82           | -68             | 333      | 331         | 580         | -1301       | 362         | -3          | avL                | -19                    | 0.00 | 0            | 0                     |
| 10:30       | 126      | 128         | 64           | -75             | 330      | 306         | 541         | -1291       | 295         | 27          | avL                | -12                    | 0.00 | 0            | 0                     |
| 11:00       | 123      | 162         | 84           | -72             | 318      | 287         | 510         | -1286       | 274         | 27          | avL                | -12                    | 0.00 | 0            | 0                     |





ISO 9001 : 2015  
**AAROGYAM DIAGNOSTICS**  
 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

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 Near Malahi Pakari Chowk, Kankarbagh, Patna - 20  
 9264278360, 9065875700, 8789391403  
 info@aarogyamdiagnostics.com  
 www.aarogyamdiagnostics.com

|         |                     |         |         |            |            |
|---------|---------------------|---------|---------|------------|------------|
| Date    | 23/01/2022          | Srl No. | 5       | Patient Id | 2201230005 |
| Name    | Mrs. SULEKHA KUMARI | Age     | 35 Yrs. | Sex        | F          |
| Ref. By | Dr.BOB              |         |         |            |            |

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

### HAEMATOLOGY

|        |     |   |  |
|--------|-----|---|--|
| HB A1C | 5.0 | % |  |
|--------|-----|---|--|

#### 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 \*\*\*\*

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|                       |                            |                    |                              |
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| <b>Date</b>           | <b>23/01/2022</b>          | <b>Srl No. 5</b>   | <b>Patient Id 2201230005</b> |
| <b>Name</b>           | <b>Mrs. SULEKHA KUMARI</b> | <b>Age 35 Yrs.</b> | <b>Sex F</b>                 |
| <b>Ref. By Dr.BOB</b> |                            |                    |                              |

| Test Name                          | Value    | Unit         | Normal Value |
|------------------------------------|----------|--------------|--------------|
| COMPLETE BLOOD COUNT (CBC)         |          |              |              |
| HAEMOGLOBIN (Hb)                   | 11.2     | gm/dl        | 11.5 - 16.5  |
| TOTAL LEUCOCYTE COUNT (TLC)        | 5,700    | /cumm        | 4000 - 11000 |
| DIFFERENTIAL LEUCOCYTE COUNT (DLC) |          |              |              |
| NEUTROPHIL                         | 69       | %            | 40 - 75      |
| LYMPHOCYTE                         | 27       | %            | 20 - 45      |
| EOSINOPHIL                         | 02       | %            | 01 - 06      |
| MONOCYTE                           | 02       | %            | 02 - 10      |
| BASOPHIL                           | 00       | %            | 0 - 0        |
| ESR (WESTEGREN's METHOD)           | 13       | mm/1st hr.   | 0 - 20       |
| R B C COUNT                        | 3.73     | Millions/cmm | 3.8 - 4.8    |
| P.C.V / HAEMATOCRIT                | 33.6     | %            | 35 - 45      |
| M C V                              | 90.08    | fl.          | 80 - 100     |
| M C H                              | 30.03    | Picogram     | 27.0 - 31.0  |
| M C H C                            | 33.3     | gm/dl        | 33 - 37      |
| PLATELET COUNT                     | 2.46     | Lakh/cmm     | 1.50 - 4.00  |
| BLOOD GROUP ABO                    | "O"      |              |              |
| RH TYPING                          | POSITIVE |              |              |

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

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

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

**BIOCHEMISTRY**

|   |              |        |              |
|---|--------------|--------|--------------|
| BLOOD SUGAR RANDOM<br>HEXOKINASE        | 106.2        | mg/dl  | 80 - 170     |
| SERUM CREATININE                        | 0.89         | mg%    | 0.5 - 1.3    |
| BLOOD UREA                              | 25.3         | mg /dl | 15.0 - 45.0  |
| SERUM URIC ACID                         | 4.2          | mg%    | 2.5 - 6.0    |
| <b><u>LIVER FUNCTION TEST (LFT)</u></b> |              |        |              |
| BILIRUBIN TOTAL                         | 0.62         | mg/dl  | 0 - 1.0      |
| CONJUGATED (D. Bilirubin)               | 0.18         | mg/dl  | 0.00 - 0.40  |
| UNCONJUGATED (I.D.Bilirubin)            | 0.44         | mg/dl  | 0.00 - 0.70  |
| TOTAL PROTEIN                           | <b>6.3</b>   | gm/dl  | 6.6 - 8.3    |
| ALBUMIN                                 | <b>3.0</b>   | gm/dl  | 3.4 - 5.2    |
| GLOBULIN                                | 3.3          | gm/dl  | 2.3 - 3.5    |
| A/G RATIO                               | <b>0.909</b> |        |              |
| SGOT                                    | <b>36.4</b>  | IU/L   | 5 - 35       |
| SGPT                                    | 39.6         | IU/L   | 5.0 - 45.0   |
| ALKALINE PHOSPHATASE<br>IFCC Method     | <b>149.7</b> | U/L    | 35.0 - 104.0 |
| GAMMA GT                                | 25.3         | IU/L   | 6.0 - 42.0   |

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

|                   |       |       |              |
|-------------------|-------|-------|--------------|
| TRIGLYCERIDES     | 94.2  | mg/dL | 25.0 - 165.0 |
| TOTAL CHOLESTEROL | 146.5 | mg/dL | 29.0 - 199.0 |



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

| Test Name                   | Value       | Unit    | Normal Value |
|-----------------------------|-------------|---------|--------------|
| H D L CHOLESTEROL DIRECT    | 44.8        | mg/dL   | 35.1 - 88.0  |
| V L D L                     | 18.84       | mg/dL   | 4.7 - 22.1   |
| L D L CHOLESTEROL DIRECT    | 82.86       | mg/dL   | 63.0 - 129.0 |
| TOTAL CHOLESTEROL/HDL RATIO | 3.27        |         | 0.0 - 4.97   |
| LDL / HDL CHOLESTEROL RATIO | 1.85        |         | 0.00 - 3.55  |
| <b>THYROID PROFILE</b>      |             |         |              |
| T3                          | 0.84        | ng/ml   | 0.60 - 1.81  |
| T4                          | 8.37        | ug/dl   | 4.5 - 10.9   |
| Chemiluminescence           |             |         |              |
| TSH                         | 1.26        | uIU/ml  |              |
| Chemiluminescence           |             |         |              |
| <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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| Test Name | Value | Unit | Normal Value |
|-----------|-------|------|--------------|
|-----------|-------|------|--------------|

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.
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 | 1.025       |     |
| PH               | 6.0         |     |

#### CHEMICAL EXAMINATION

|         |     |
|---------|-----|
| ALBUMIN | NIL |
|---------|-----|



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

| Test Name                      | Value | Unit | Normal Value |
|--------------------------------|-------|------|--------------|
| SUGAR                          | NIL   |      |              |
| <b>MICROSCOPIC EXAMINATION</b> |       |      |              |
| PUS CELLS                      | 0-1   | /HPF |              |
| RBC'S                          | NIL   | /HPF |              |
| CASTS                          | NIL   |      |              |
| CRYSTALS                       | NIL   |      |              |
| EPITHELIAL CELLS               | 0-1   | /HPF |              |
| BACTERIA                       | NIL   |      |              |
| OTHERS                         | NIL   |      |              |

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

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