

11

Bals

 **भारत सरकार**  
GOVERNMENT OF INDIA

 **सोनिया रानी**  
Soniya Rani  
जन्म तारीख/DOB: 05/02/1986  
महिला Female



2885 7297 2304

**आधार - आम आदमी का अधिकार**

Bals  
11



ID: 115

28-10-2023 10:14:53 AM-12

Diagnosis Information:

Female 39 years

HR : 72 bpm

Sinus Rhythm

Savya Rani

P : 94 ms

PR : 149 ms

\*\*\*Normal ECG\*\*\*

QRS : 81 ms

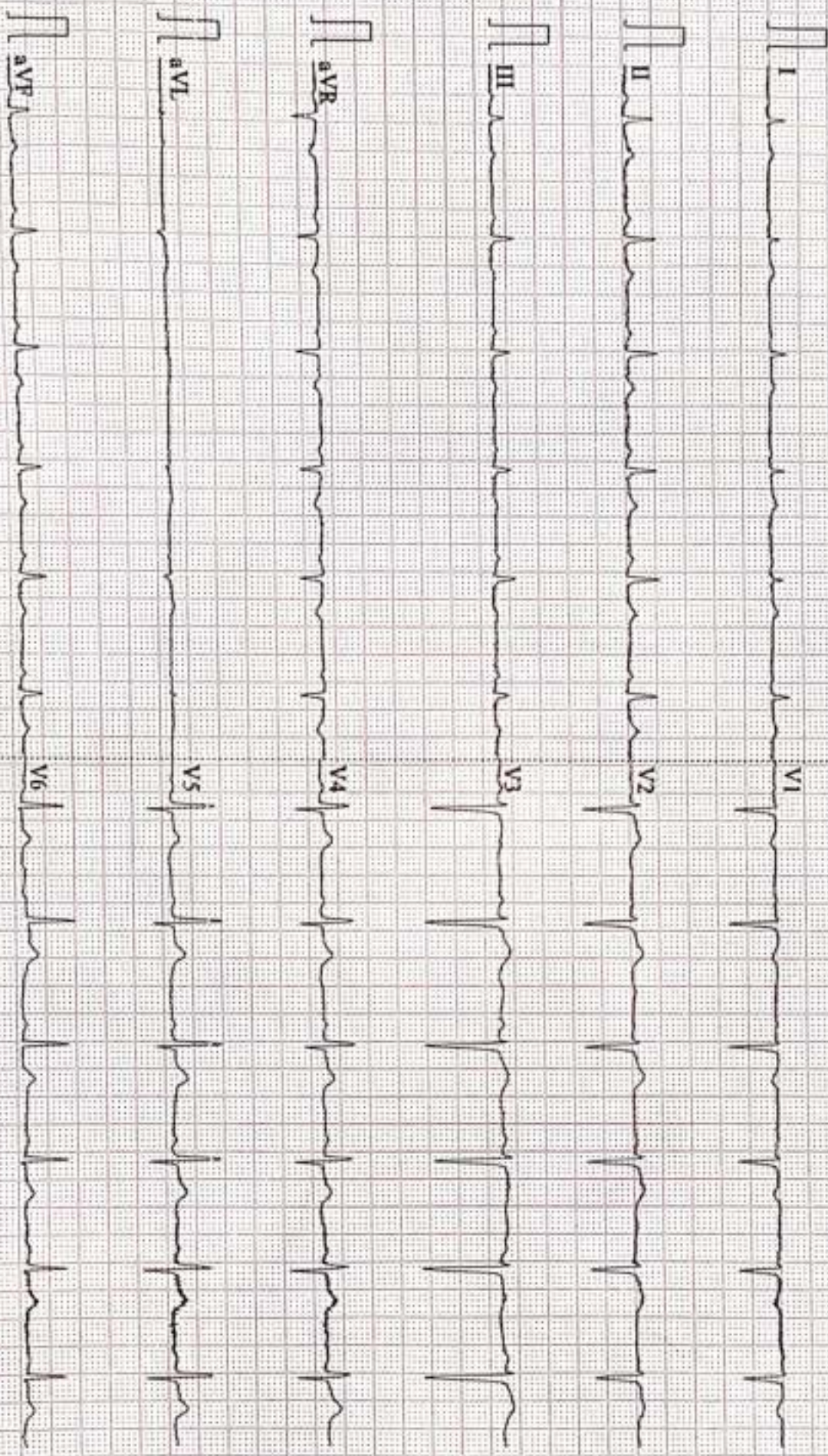
QT/QTc : 373/410 ms

P/QRS/T : 76/64/50 °

RV5/SV1 : 0.772/0.727 mV

Ref-Phys. :

Report Confirmed by:







Name :- Soniya Rani  
Refd by :- Corp.

Age/Sex :- 37Yrs/F  
Date :-28/10/23

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size(10.7cm) 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(9.2cm)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 9.0cm and Left Kidney measures 10.5cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Enlarged in size (9.5cm x 5.5cm) and anteverted in position with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern.  
Trace pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** *AV Bulky Uterus.  
Trace Collection In POD.  
Otherwise Normal Scan.*

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

**AAROGYAM DIAGNOSTICS**

PATNA

**Report**

(GEM212170906)(R)Kardio by Allengers

2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg Date: 28-Oct-2023 Technician : RESHMA ALI

| Stage          | Time  | Duration | Belt Speed (mph) | Elevation | METs | Rate | % THR Achieved | BP     | RPP | PVC | Comments |
|----------------|-------|----------|------------------|-----------|------|------|----------------|--------|-----|-----|----------|
| Supine         | 00:05 | 0:01     | 00.0             | 00.0      | 01.0 | 94   | 51 %           | 120/80 | 112 | 00  |          |
| Standing       | 00:14 | 0:01     | 00.0             | 00.0      | 01.0 | 94   | 51 %           | 120/80 | 112 | 00  |          |
| HV             | 00:22 | 0:01     | 00.0             | 00.0      | 01.0 | 092  | 50 %           | 120/80 | 110 | 00  |          |
| Warm Up        | 00:36 | 0:01     | 01.0             | 00.0      | 01.0 | 092  | 50 %           | 120/80 | 110 | 00  |          |
| ExStart        | 00:52 | 0:06     | 01.7             | 10.0      | 01.1 | 107  | 58 %           | 120/80 | 128 | 00  |          |
| BRUCE/ Stage 1 | 03:52 | 3:00     | 01.7             | 10.0      | 04.7 | 136  | 74 %           | 125/85 | 170 | 00  |          |
| BRUCE/ Stage 2 | 06:52 | 3:00     | 02.5             | 12.0      | 07.1 | 150  | 82 %           | 130/90 | 195 | 00  |          |
| BRUCE/ Stage 3 | 09:52 | 3:00     | 03.4             | 14.0      | 10.2 | 168  | 92 %           | 135/95 | 226 | 00  |          |
| PeakEx         | 09:52 | 3:00     | 03.4             | 14.0      | 10.2 | 168  | 92 %           | 135/95 | 226 | 00  |          |
| Recovery       | 10:51 | 1:00     | 01.1             | 00.0      | 04.3 | 146  | 80 %           | 130/90 | 189 | 00  |          |
| Recovery       | 11:51 | 2:00     | 01.1             | 00.0      | 01.0 | 131  | 72 %           | 125/85 | 163 | 00  |          |
| Recovery       | 13:08 | 3:16     | 01.1             | 00.0      | 01.0 | 127  | 69 %           | 120/80 | 152 | 00  |          |

**Findings :**

**Exercise Time** : 09:01  
**Max HR Attained** : 168 bpm 92% of Target 183  
**Max BP Attained** : (Sys) 135/95  
**Max WorkLoad Attained** : 10.2 Good response to induced stress  
**Max ST Dep Lead & Value** : II & -1.1 mm in ExStart mm  
**Test End Reasons** : Test Complete

**Report :**

**AAROGYAM DIAGNOSTICS**

Supine



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 94

Date: 28-Oct-2023 12:22:48 PM METS: 1.0/94 bpm 51% of THR BP: 120/80 mmHg Raw ECG/BLC On/ Noisy On/ HF 0.05 Hz LF 100 Hz

ExTime: 00:05 0.0 r/s, 0.0%



**AAROGYAM DIAGNOSTICS**

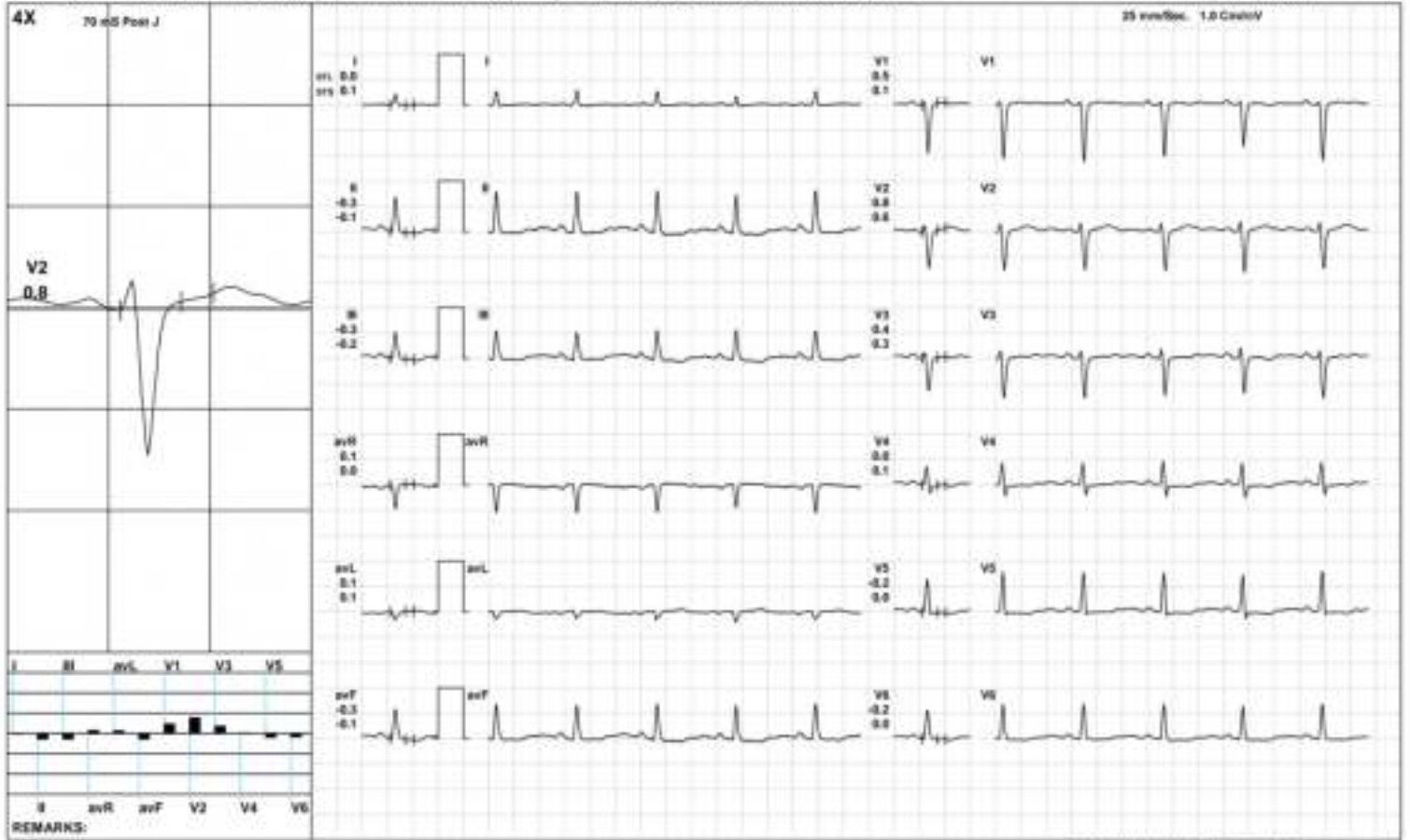
**Standing**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 94

Date: 28-Oct-2023 12:22:48 PM METS: 1.0/94 bpm 51% of THR BP: 120/80 mmHg Raw ECG/BLC On/ Noisy On/ HF 0.05 Hz LF 100 Hz

ExTime 00:14 0.0 rgh, 0.0%



**AAROGYAM DIAGNOSTICS**

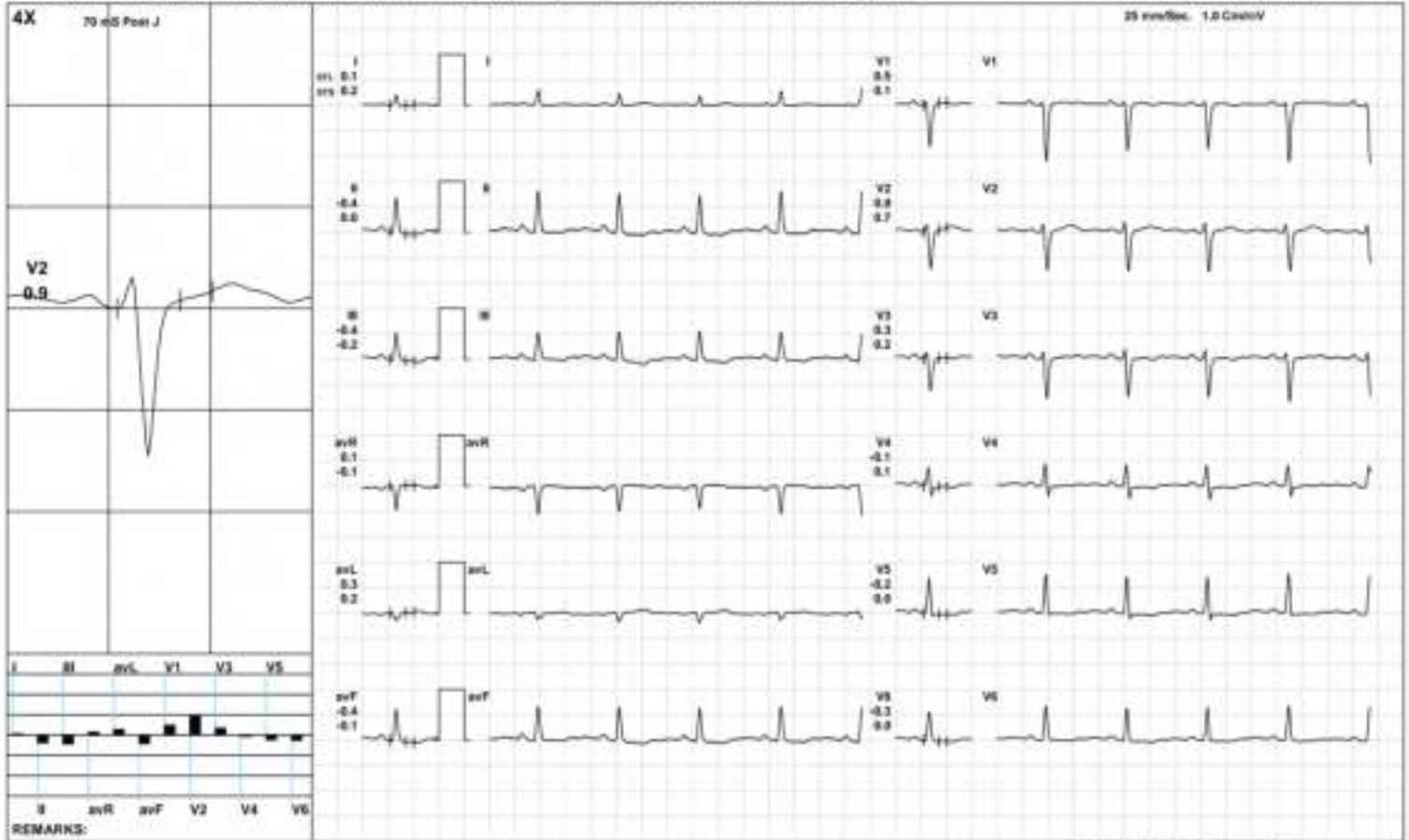
**HV**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 92

Date: 28-Oct-2023 12:22:48 PM METS: 1.0/ 92 bpm 50% of THR BP: 120/80 mmHg Raw ECG/BLC On/ Noisy On/ HF 0.05 Hz LF 100 Hz

ExTime: 00:22 0.0 rps, 0.0%





**AAROGYAM DIAGNOSTICS**

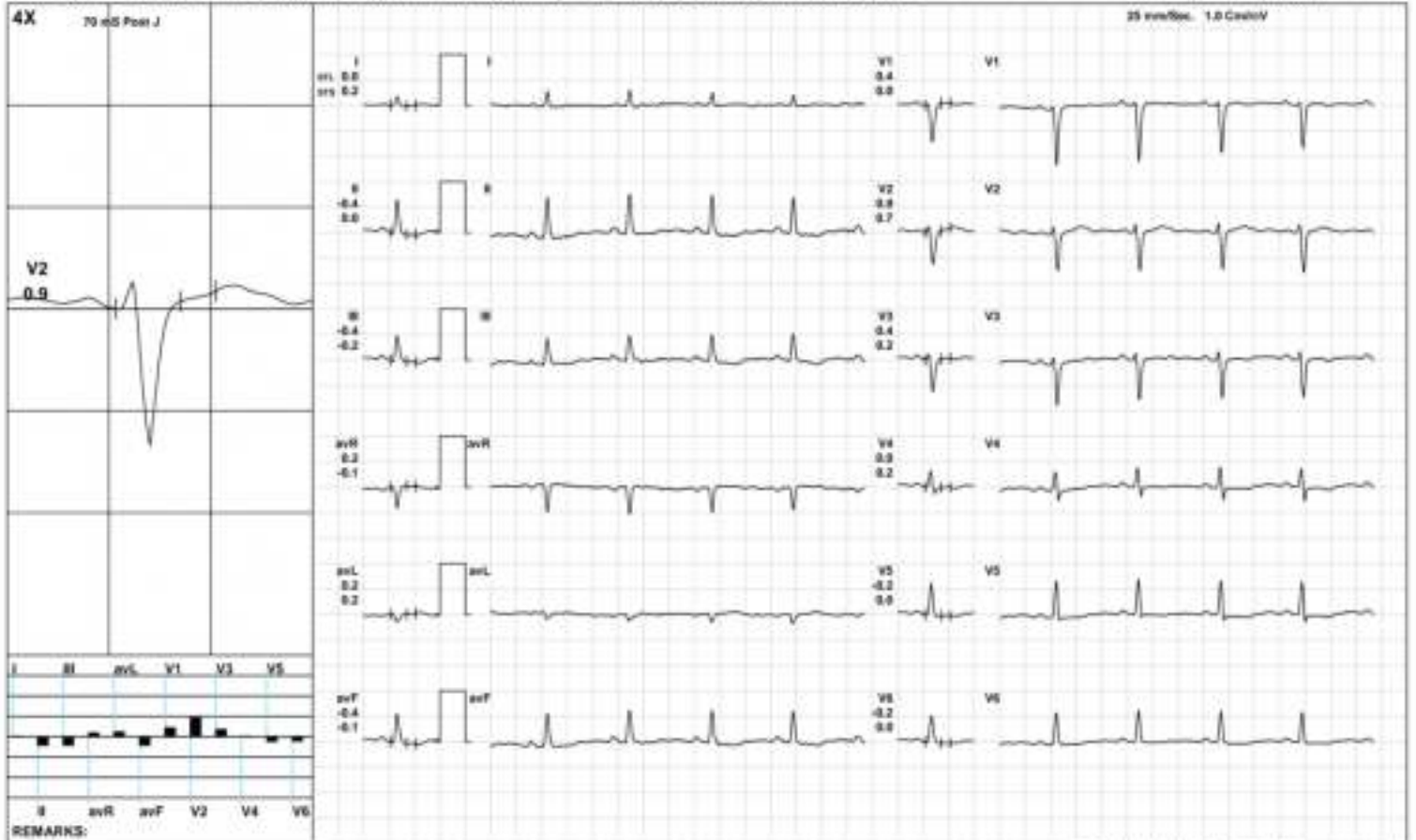
Warm Up



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 92

Date: 28-Oct-2023 12:22:48 PM METS: 1.0/ 92 bpm 50% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Noisy On/ HF 0.05 Hz/ LF 100 Hz

ExTime: 00:38 1.0 r/s, 0.0%





**AAROGYAM DIAGNOSTICS**

**ExStart**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 107

Date: 28-Oct-2023 12:22:48 PM METS: 1.1/107 bpm 58% of THR BP: 120/80 mmHg Raw ECG/BLC/Div Match Div HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 1.7 r/s, 10.8%



**AAROGYAM DIAGNOSTICS**

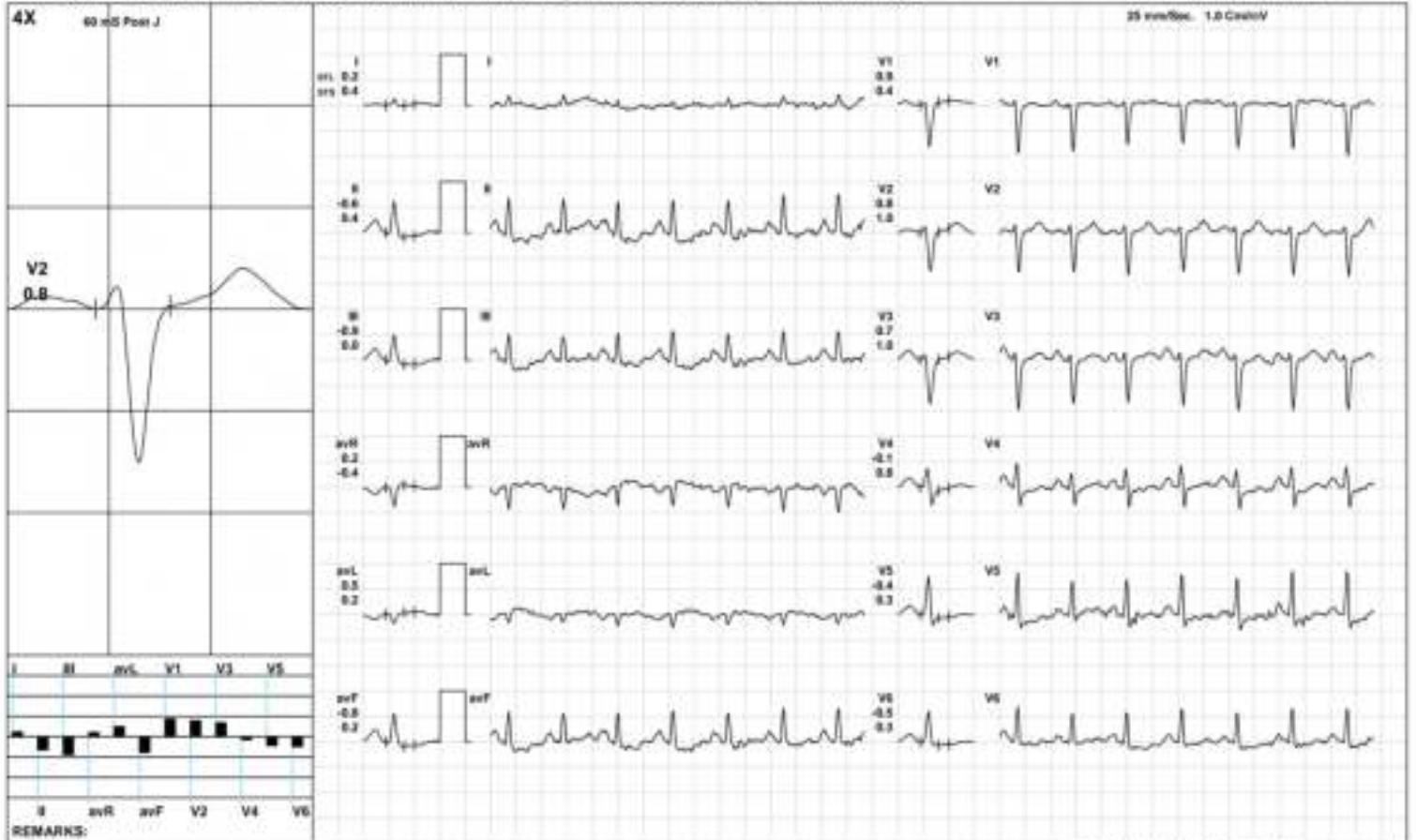
**BRUCE/Stage 1(3:00)**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 136

Date: 28-Oct-2023 12:22:48 PM METS: 4.7/ 136 bpm 74% of THR BP: 125/85 mmHg Raw ECG/ BLC/ Grv/ Natch/ Grv/ HF 0.05 Hz/ LF 100 Hz

ExTime: 03:00 1.7 mph, 10.8%



**AAROGYAM DIAGNOSTICS**

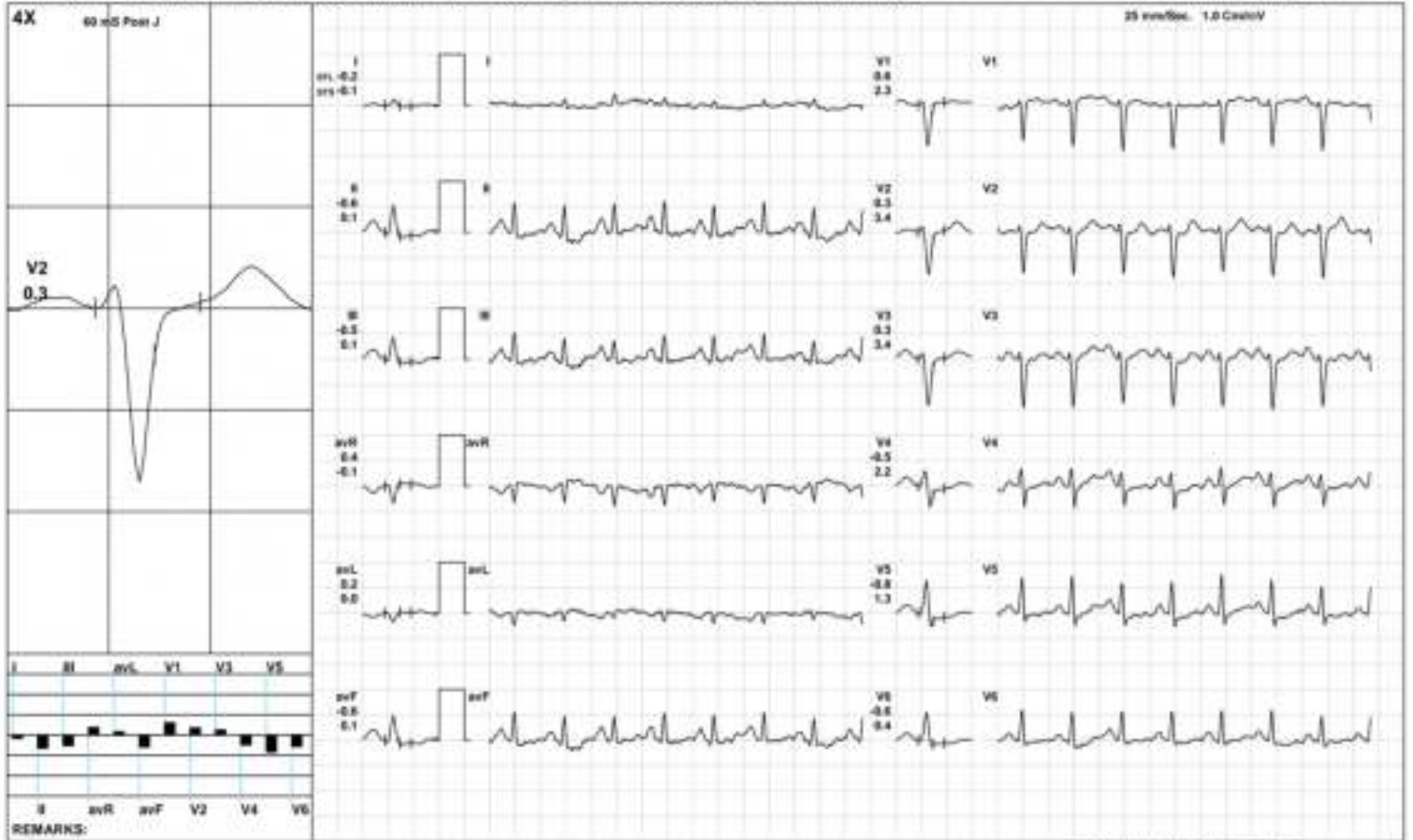
**BRUCE/Stage 2(3:00)**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 150

Date: 28-Oct-2023 12:22:48 PM METS: 7.1/ 150 bpm 81% of THR BP: 130/90 mmHg Raw ECG/ BLC/ Div: Match Div/ HF: 0.05 Hz/ LF: 100 Hz

ExTime: 06:00 2.5 mph, 12.8%



{0EM21217000}(R)Kardio by Allengers



**AAROGYAM DIAGNOSTICS**

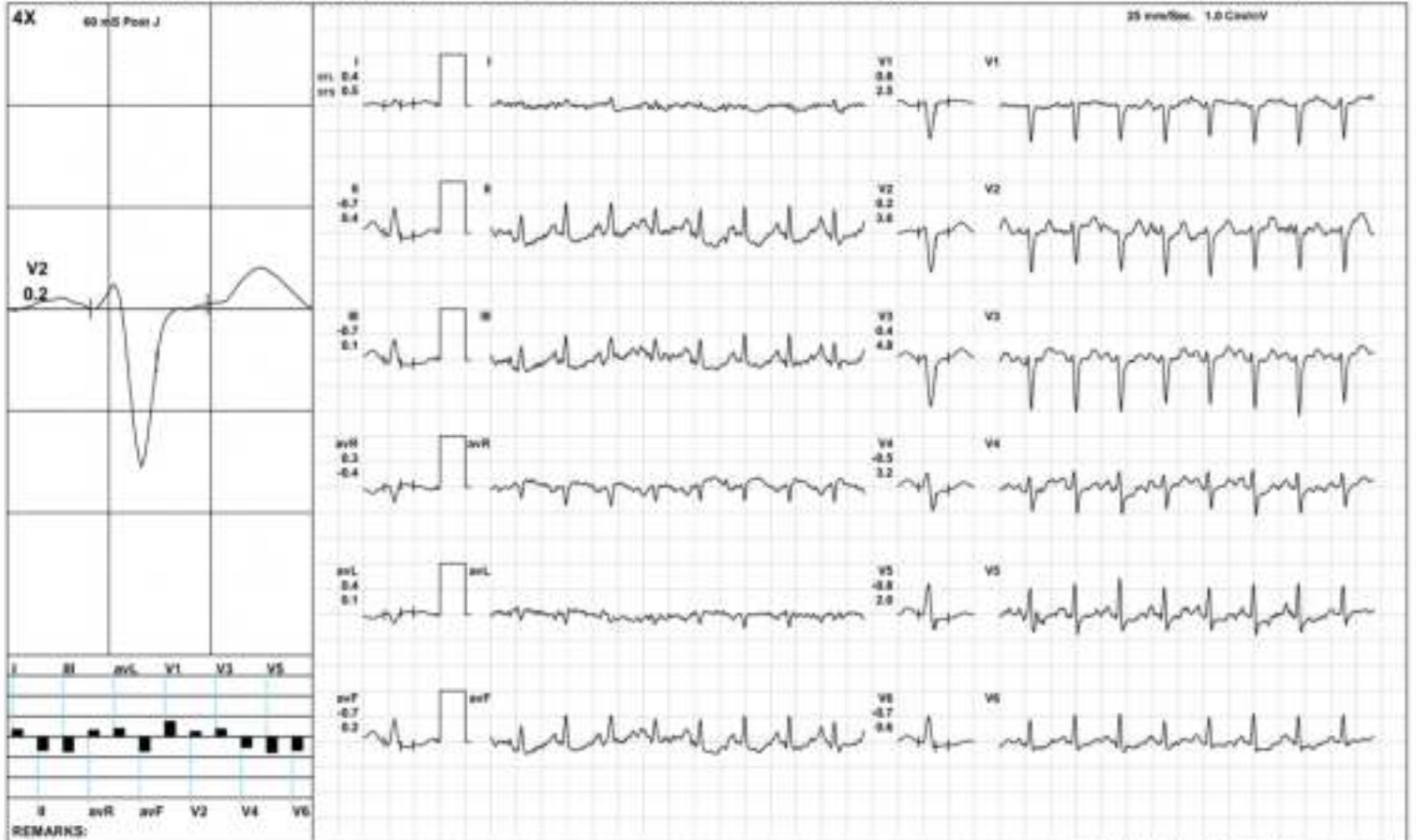
**BRUCE/Stage 3(3:00)**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 168

Date: 28-Oct-2023 12:22:48 PM METS: 16.2/ 168 bpm 91% of THR BP: 135/95 mmHg Raw ECG/ BLC Qw Natch Qw HF 0.05 Hz LF 100 Hz

ExTime: 09:00 3.4 mph, 14.8%



{0EM21217000}(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

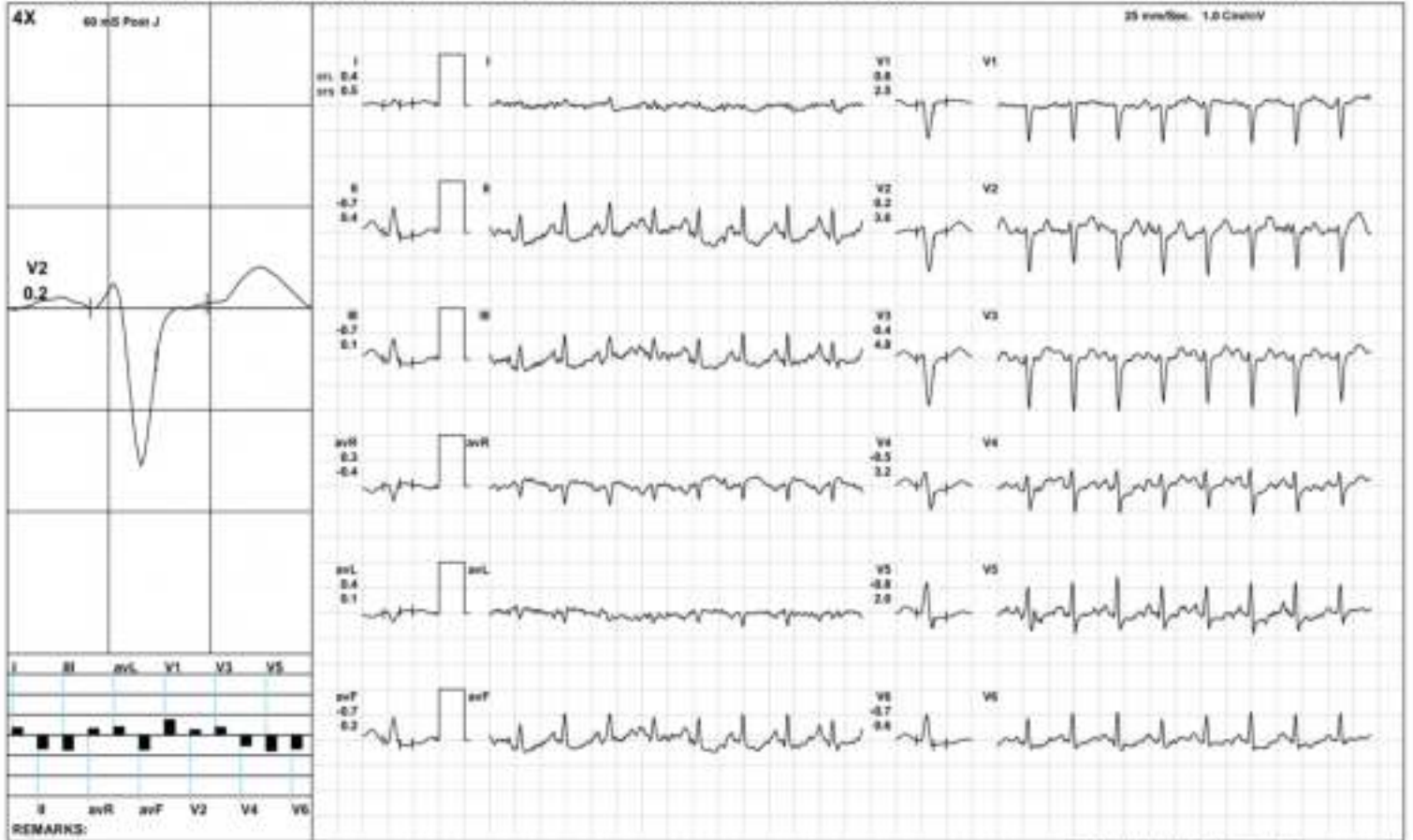
**PeakEx**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 168

Date: 28-Oct-2023 12:22:48 PM METS: 16.2/ 168 bpm 91% of THR BP: 135/95 mmHg Raw ECG/ BLC Qv/ Natch Qv HF 0.05 Hz LF 100 Hz

ExTime: 09:00 3.4 r/pt, 14.8%



REMARKS:

{0EM21217000}(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

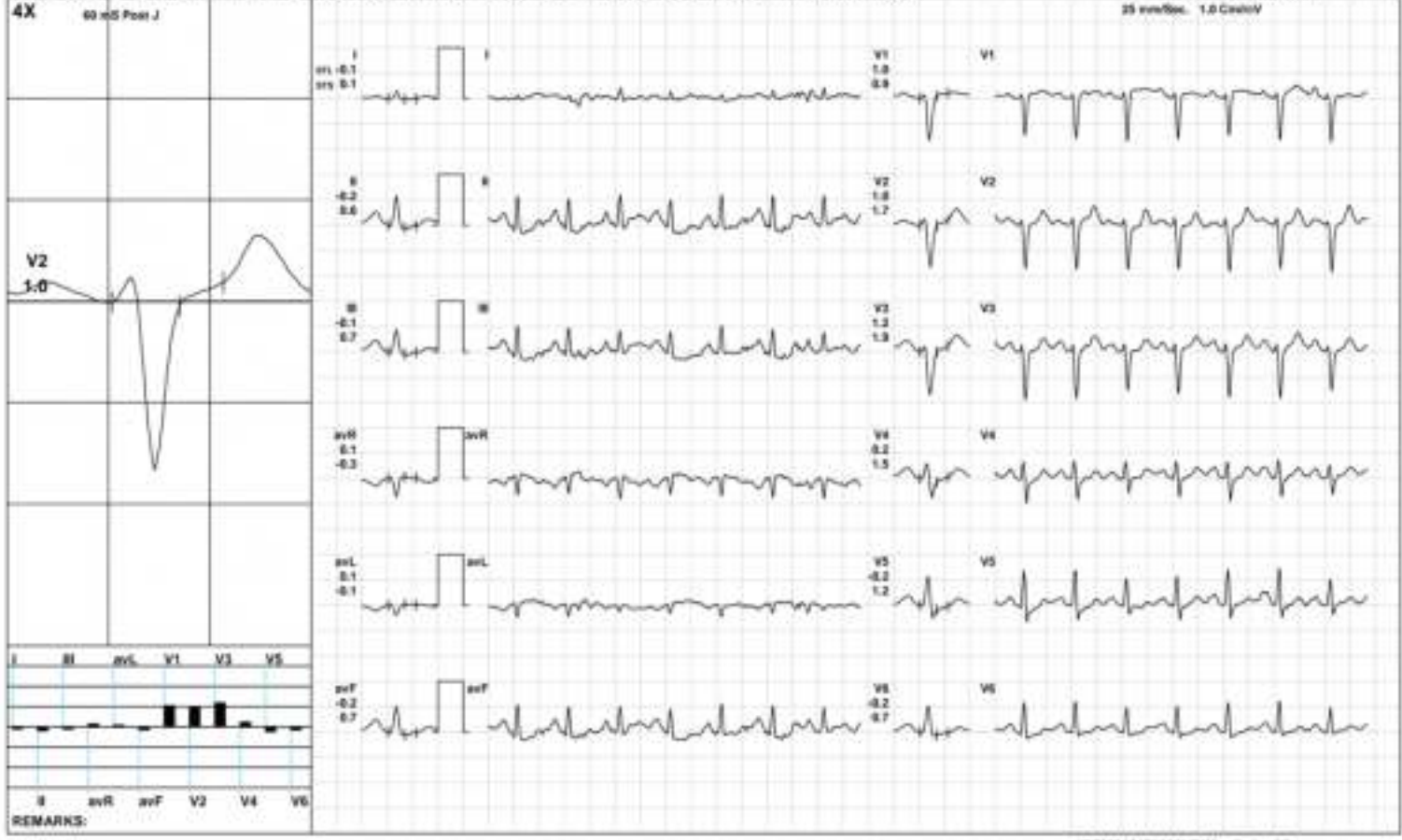
2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 146

Recovery(1:00)



Date: 28-Oct-2023 12:22:48 PM METS: 4.3/ 146 bpm 79% of THR BP: 130/90 mmHg Raw ECG/ BLC/ Grv/ Natch/ Grv/ HF 0.05 Hz/ LF 100 Hz

ExTime: 09:01 1.1 mph, 0.0%





**AAROGYAM DIAGNOSTICS**

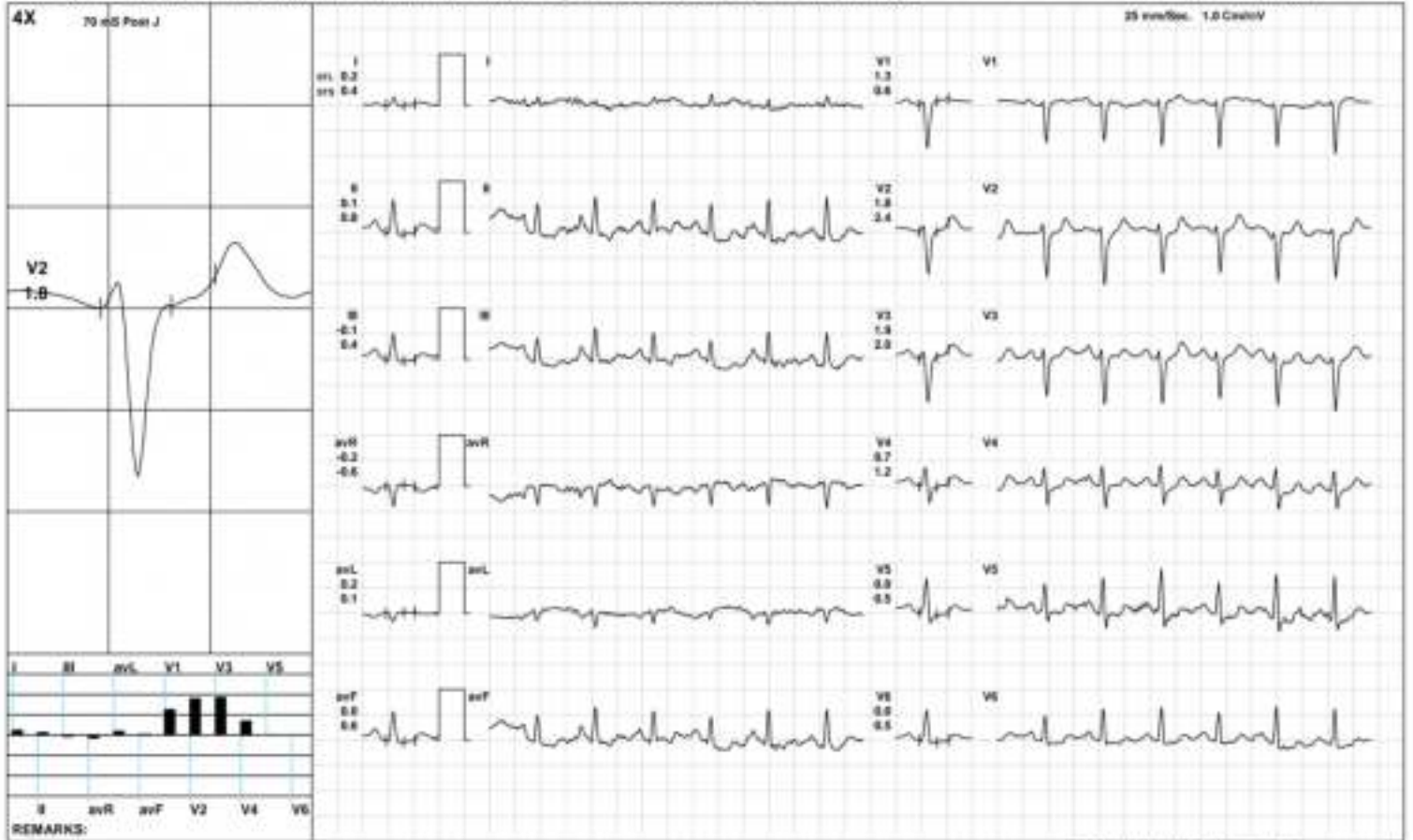
2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 131

Recovery(2:00)



Date: 28-Oct-2023 12:22:48 PM METS: 1.0/ 131 bpm 71% of THR BP: 125/85 mmHg Raw ECG/ BLC/ Div: Natch/ Div: HF 0.05 Hz/ LF 100 Hz

ExTime: 09:01 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 127

Recovery(3:16)



Date: 28-Oct-2023 12:22:48 PM METS: 1.0/ 127 bpm 69% of THR BP: 120/80 mmHg Raw ECG/ BLC/ Grv/ Natch/ Grv/ HF 0.05 Hz/ LF 100 Hz

ExTime: 09:01 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

**ST Measurements**



2297 / SONIYA RANI / 37 Yrs / F / 155 Cms / 54 Kg / HR : 93

Date: 28-Oct-2023 12:22:48 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   | 0.0  | -0.3 | -0.3 | 0.1  | 0.1 | -0.3 | 0.5 | 0.8 | 0.4  | 0.0  | -0.2 | -0.2 | 0.1  | -0.1 | -0.2 | 0.0  | 0.1  | -0.1 | 0.1 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 |             |
| 80 @mS Standing | 0.0  | -0.3 | -0.3 | 0.1  | 0.1 | -0.3 | 0.5 | 0.8 | 0.4  | 0.0  | -0.2 | -0.2 | 0.1  | -0.1 | -0.2 | 0.0  | 0.1  | -0.1 | 0.1 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 |             |
| HV              | 0.1  | -0.4 | -0.4 | 0.1  | 0.3 | -0.4 | 0.5 | 0.9 | 0.3  | -0.1 | -0.2 | -0.3 | 0.2  | 0.0  | -0.2 | -0.1 | 0.2  | -0.1 | 0.1 | 0.7 | 0.2 | 0.1 | 0.0 | 0.0 |             |
| Warm Up         | 0.0  | -0.4 | -0.4 | 0.2  | 0.2 | -0.4 | 0.4 | 0.9 | 0.4  | 0.0  | -0.2 | -0.2 | 0.2  | 0.0  | -0.2 | -0.1 | 0.2  | -0.1 | 0.0 | 0.7 | 0.2 | 0.2 | 0.0 | 0.0 |             |
| ExStart         | -0.1 | -1.1 | -1.0 | 0.6  | 0.1 | -1.0 | 0.4 | 0.8 | -0.5 | -0.8 | -0.8 | -0.7 | -0.1 | -0.7 | -0.6 | 0.4  | 0.0  | -0.6 | 1.6 | 2.0 | 1.6 | 0.5 | 0.5 | 0.2 |             |
| Stage 1         | 0.2  | -0.6 | -0.9 | 0.2  | 0.5 | -0.8 | 0.9 | 0.8 | 0.7  | -0.1 | -0.4 | -0.5 | 0.4  | 0.4  | 0.0  | -0.4 | 0.2  | 0.2  | 0.4 | 1.0 | 1.0 | 0.8 | 0.3 | 0.3 |             |
| Stage 2         | -0.2 | -0.6 | -0.5 | 0.4  | 0.2 | -0.6 | 0.6 | 0.3 | 0.3  | -0.5 | -0.8 | -0.6 | -0.1 | 0.1  | 0.1  | -0.1 | 0.0  | 0.1  | 2.3 | 3.4 | 3.4 | 2.2 | 1.3 | 0.4 |             |
| Stage 3         | 0.4  | -0.7 | -0.7 | 0.3  | 0.4 | -0.7 | 0.8 | 0.2 | 0.4  | -0.5 | -0.8 | -0.7 | 0.5  | 0.4  | 0.1  | -0.4 | 0.1  | 0.2  | 2.5 | 3.6 | 4.8 | 3.2 | 2.0 | 0.6 |             |
| PeakEx          | 0.4  | -0.7 | -0.7 | 0.3  | 0.4 | -0.7 | 0.8 | 0.2 | 0.4  | -0.5 | -0.8 | -0.7 | 0.5  | 0.4  | 0.1  | -0.4 | 0.1  | 0.2  | 2.5 | 3.6 | 4.8 | 3.2 | 2.0 | 0.6 |             |
| Recovery        | 0.0  | -0.4 | -0.3 | 0.3  | 0.2 | -0.4 | 1.0 | 0.8 | 0.8  | 0.1  | -0.3 | -0.2 | 0.5  | 0.3  | 0.0  | -0.3 | 0.2  | 0.2  | 2.6 | 4.3 | 4.0 | 2.7 | 1.9 | 0.8 |             |
| Recovery        | 0.0  | -0.1 | -0.1 | 0.1  | 0.1 | -0.1 | 1.2 | 2.2 | 2.0  | 0.7  | 0.4  | 0.0  | 0.3  | 0.8  | 0.4  | -0.5 | -0.1 | 0.6  | 0.7 | 2.5 | 2.3 | 1.6 | 1.0 | 0.7 |             |
| Recovery        | 1.3  | 0.9  | -0.3 | -1.0 | 0.8 | 0.3  | 0.9 | 0.8 | 0.6  | 0.2  | 0.1  | 0.1  | 0.9  | 1.3  | -0.1 | -1.3 | 0.8  | 0.6  | 1.0 | 1.9 | 1.5 | 1.0 | 0.9 | 0.5 |             |



|                |          | I    | II   | III  | avR  | avL | avF  | V1  | V2   | V3   | V4   | V5   | V6   |
|----------------|----------|------|------|------|------|-----|------|-----|------|------|------|------|------|
| STI( $\mu$ Vs) | Supine   | 0.1  | -1.7 | -1.9 | 0.8  | 1.0 | -1.8 | 2.8 | 4.7  | 1.8  | -0.3 | -1.6 | -1.2 |
|                | Standing | 0.1  | -1.7 | -1.9 | 0.8  | 1.0 | -1.8 | 2.8 | 4.7  | 1.8  | -0.3 | -1.6 | -1.2 |
|                | HV       | 0.4  | -2.5 | -2.9 | 1.0  | 1.7 | -2.8 | 2.8 | 5.7  | 1.6  | -0.8 | -1.7 | -1.8 |
|                | Warm Up  | 0.2  | -2.9 | -3.1 | 1.3  | 1.7 | -3.0 | 2.9 | 6.1  | 2.0  | -0.4 | -1.8 | -1.5 |
|                | ExStart  | 0.1  | -9.1 | -8.9 | 4.6  | 1.6 | -9.0 | 1.9 | 4.1  | -4.4 | -5.6 | -7.2 | -5.7 |
|                | Stage 1  | 0.8  | -4.2 | -5.1 | 1.6  | 2.7 | -4.7 | 4.7 | 3.1  | 2.7  | -2.0 | -3.5 | -3.2 |
|                | Stage 2  | -1.3 | -4.9 | -3.8 | 3.0  | 1.1 | -4.3 | 2.6 | -0.7 | -0.7 | -4.6 | -6.2 | -4.2 |
|                | Stage 3  | 1.3  | -5.6 | -5.4 | 2.9  | 2.7 | -5.5 | 3.2 | -1.1 | -1.5 | -5.9 | -6.2 | -4.9 |
|                | PeakEx   | 1.3  | -5.6 | -5.4 | 2.9  | 2.7 | -5.5 | 3.2 | -1.1 | -1.5 | -5.9 | -6.2 | -4.9 |
|                | Recovery | -1.2 | -4.0 | -2.7 | 2.7  | 1.3 | -3.4 | 4.5 | 0.6  | 1.5  | -2.1 | -3.8 | -2.5 |
|                | Recovery | -0.7 | -2.0 | -1.2 | 1.3  | 0.3 | -1.6 | 7.0 | 10.3 | 9.5  | 1.6  | 0.6  | -0.9 |
|                | Recovery | 9.3  | 4.7  | -2.1 | -5.7 | 5.3 | 1.3  | 6.5 | 3.6  | 3.0  | -0.5 | -2.0 | -0.5 |



PATNA

2297 / SONIYA RAMI / 37 Yrs / Female / 135 Cm / 54 Kg

| Time    | HR    | PR Int | QRS Wid | QRS Axis | QTC  | P(µV) | R(µV) | S(µV) | T(µV) | Min. J Leads for | Min. Post #R Var | VEB      | Missed Beats |
|---------|-------|--------|---------|----------|------|-------|-------|-------|-------|------------------|------------------|----------|--------------|
| (Min.)  | (Bpm) | (mS)   | (mS)    | (Deg.)   | (mS) | (Max) | (Max) | (Min) | (Max) | (µV) (J & RJ)    | (%)              | (Counts) | (Counts)     |
| 00 : 30 | 107   | 96     | 58      | 75       | 129  | 129   | 665   | -748  | -143  | I01 V5           | -38              | 0.00     | 0            |
| 01 : 00 | 127   | 168    | 62      | 77       | 146  | 169   | 683   | -897  | -321  | I7 II            | -100             | 0.00     | 0            |
| 01 : 30 | 139   | 136    | 72      | 81       | 435  | 246   | 638   | -877  | -157  | I103 II          | -123             | 0.00     | 0            |
| 02 : 00 | 142   | 118    | 72      | 71       | 439  | 211   | 606   | -885  | 174   | I123 II          | -109             | 0.00     | 0            |
| 02 : 30 | 140   | 128    | 52      | 184      | 180  | -488  | 340   | -856  | -547  | I482 V4          | -463             | 0.00     | 0            |
| 03 : 00 | 136   | 134    | 74      | 74       | 430  | 263   | 726   | -908  | 218   | I173 V5          | -132             | 0.00     | 0            |
| 03 : 30 | 136   | 136    | 74      | 80       | 421  | 237   | 738   | -897  | 217   | I212 V5          | -97              | 0.00     | 0            |
| 04 : 00 | 140   | 132    | 74      | 75       | 441  | 224   | 687   | -931  | 221   | I135 II          | -123             | 0.00     | 0            |
| 04 : 30 | 144   | 128    | 74      | 74       | 423  | 225   | 641   | -913  | 195   | I102 II          | -90              | 0.00     | 0            |
| 05 : 00 | 149   | 122    | 72      | 75       | 427  | 212   | 618   | -923  | 201   | I112 II          | -103             | 0.00     | 0            |
| 05 : 30 | 147   | 122    | 72      | 82       | 426  | 236   | 662   | -921  | 216   | I139 V5          | -91              | 0.00     | 0            |
| 06 : 00 | 149   | 118    | 74      | 74       | 441  | 213   | 630   | -922  | 205   | I116 II          | -108             | 0.00     | 0            |
| 06 : 30 | 149   | 106    | 72      | 81       | 445  | 217   | 628   | -929  | 213   | I136 V5          | -94              | 0.00     | 0            |
| 07 : 00 | 156   | 114    | 72      | 84       | 415  | 198   | 676   | -954  | 198   | I86 II           | -92              | 0.00     | 0            |
| 07 : 30 | 160   | 118    | 70      | 81       | 401  | 214   | 646   | -960  | 229   | I169 II          | -116             | 0.00     | 0            |
| 08 : 00 | 160   | 108    | 70      | 79       | 434  | 206   | 695   | -959  | 214   | I123 II          | -123             | 0.00     | 0            |
| 08 : 30 | 163   | 112    | 72      | 81       | 312  | 227   | 612   | -928  | 225   | I143 II          | -112             | 0.00     | 0            |
| 09 : 00 | 165   | 102    | 68      | 145      | 421  | 464   | 702   | -929  | -570  | I694 V4          | -496             | 0.00     | 0            |
| 09 : 30 | 169   | 96     | 70      | 78       | 410  | 215   | 582   | -946  | 235   | I142 II          | -101             | 0.00     | 0            |
| 10 : 00 | 160   | 102    | 58      | 82       | 427  | 229   | 614   | -901  | 268   | I108 II          | -75              | 0.00     | 0            |
| 10 : 30 | 142   | 134    | 72      | 77       | 301  | 268   | 632   | -904  | 341   | I126 V5          | -42              | 0.00     | 0            |
| 11 : 00 | 131   | 118    | 72      | 76       | 421  | 264   | 662   | -888  | 358   | I140 V5          | -61              | 0.00     | 0            |
| 11 : 30 | 124   | 116    | 138     | 75       | 426  | 246   | 639   | -877  | 346   | I256 V5          | -42              | 0.00     | 0            |
| 12 : 00 | 123   | 158    | 74      | 74       | 421  | 240   | 674   | -832  | 303   | I103 V5          | -49              | 0.00     | 0            |
| 12 : 30 | 127   | 150    | 56      | 68       | 445  | 216   | 657   | -862  | 271   | I204 V5          | -52              | 0.00     | 0            |



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

F- 41, PC. Colony, Opp. Madhuban Complex,  
Near Malahi Pakari Chowk, Kankarbagh, Patna - 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

|         |                  |         |         |            |            |
|---------|------------------|---------|---------|------------|------------|
| Date    | 28/10/2023       | Srl No. | 17      | Patient Id | 2310280017 |
| Name    | Mrs. SONIYA RANI | Age     | 37 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  
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CONSULTANT PATHOLOGIST





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| <b>Date</b>           | <b>28/10/2023</b>       | <b>Sri No. 17</b>  | <b>Patient Id 2310280017</b> |
| <b>Name</b>           | <b>Mrs. SONIYA RANI</b> | <b>Age 37 Yrs.</b> | <b>Sex F</b>                 |
| <b>Ref. By Dr.BOB</b> |                         |                    |                              |

| Test Name                               | Value    | Unit         | Normal Value |
|---|----------|--------------|--------------|
| COMPLETE BLOOD COUNT (CBC)              |          |              |              |
| HAEMOGLOBIN (Hb)                        | 12.0     | gm/dl        | 11.5 - 16.5  |
| TOTAL LEUCOCYTE COUNT (TLC)             | 6,000    | /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)                | 16       | mm/1st hr.   | 0 - 20       |
| R B C COUNT                             | 4.01     | Millions/cmm | 3.8 - 4.8    |
| P.C.V / HAEMATOCRIT                     | 36.21    | %            | 35 - 45      |
| M C V                                   | 90.3     | fl.          | 80 - 100     |
| M C H                                   | 29.93    | Picogram     | 27.0 - 31.0  |
| M C H C                                 | 33.1     | gm/dl        | 33 - 37      |
| PLATELET COUNT                          | 1.90     | Lakh/cmm     | 1.50 - 4.00  |
| BLOOD GROUP ABO                         | "O"      |              |              |
| RH TYPING                               | POSITIVE |              |              |
| BLOOD SUGAR FASTING                     | 75.1     | mg/dl        | 70 - 110     |
| SERUM CREATININE                        | 0.73     | mg%          | 0.5 - 1.3    |
| BLOOD UREA                              | 16.1     | mg /dl       | 15.0 - 45.0  |
| SERUM URIC ACID                         | 4.0      | mg%          | 2.5 - 6.0    |
| <b><u>LIVER FUNCTION TEST (LFT)</u></b> |          |              |              |



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| <b>Date</b>           | <b>28/10/2023</b>       | <b>Sri No. 17</b>  | <b>Patient Id 2310280017</b> |
| <b>Name</b>           | <b>Mrs. SONIYA RANI</b> | <b>Age 37 Yrs.</b> | <b>Sex F</b>                 |
| <b>Ref. By Dr.BOB</b> |                         |                    |                              |

| Test Name                           | Value        | Unit  | Normal Value |
|-------------------------------------|--------------|-------|--------------|
| BILIRUBIN TOTAL                     | 0.59         | mg/dl | 0 - 1.0      |
| CONJUGATED (D. Bilirubin)           | 0.19         | mg/dl | 0.00 - 0.40  |
| UNCONJUGATED (I.D.Bilirubin)        | 0.4          | mg/dl | 0.00 - 0.70  |
| TOTAL PROTEIN                       | 6.6          | gm/dl | 6.6 - 8.3    |
| ALBUMIN                             | 3.5          | gm/dl | 3.4 - 5.2    |
| GLOBULIN                            | 3.1          | gm/dl | 2.3 - 3.5    |
| A/G RATIO                           | <b>1.129</b> |       |              |
| SGOT                                | 12.0         | IU/L  | 5 - 35       |
| SGPT                                | 15.5         | IU/L  | 5.0 - 45.0   |
| ALKALINE PHOSPHATASE<br>IFCC Method | 59.01        | U/L   | 35.0 - 104.0 |
| GAMMA GT                            | 21.9         | IU/L  | 6.0 - 42.0   |
| <b>LFT INTERPRET</b>                |              |       |              |
| <b><u>LIPID PROFILE</u></b>         |              |       |              |
| TRIGLYCERIDES                       | 80.1         | mg/dL | 25.0 - 165.0 |
| TOTAL CHOLESTEROL                   | 172.9        | mg/dL | 29.0 - 199.0 |
| H D L CHOLESTEROL DIRECT            | 54.3         | mg/dL | 35.1 - 88.0  |
| V L D L                             | 16.02        | mg/dL | 4.7 - 22.1   |
| L D L CHOLESTEROL DIRECT            | 102.58       | mg/dL | 63.0 - 129.0 |
| TOTAL CHOLESTEROL/HDL RATIO         | 3.184        |       | 0.0 - 4.97   |
| LDL / HDL CHOLESTEROL RATIO         | 1.889        |       | 0.00 - 3.55  |
| THYROID PROFILE                     |              |       |              |
| QUANTITY                            | 10           | ml.   |              |



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Date 28/10/2023

Sri No. 17

Patient Id 2310280017

Name Mrs. SONIYA RANI

Age 37 Yrs.

Sex F

Ref. By Dr.BOB

| 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               | 2-4         | /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>Name</b>    | <b>Mrs. SONIYA RANI</b> | <b>Age</b>     | <b>37 Yrs.</b> | <b>Sex</b>        | <b>F</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 \*\*\*\*

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| Name    | Mrs. SONIYA RANI | Age     | 37 Yrs. | Sex        | F          |
| Ref. By | Dr.BOB           |         |         |            |            |

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

## BIOCHEMISTRY

|                |       |       |          |
|----------------|-------|-------|----------|
| BLOOD SUGAR PP | 107.8 | mg/dl | 80 - 160 |
| BOB            |       |       |          |

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

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MC-2024

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Phone: +91-79-49006800 | WhatsApp: 6356005900 | Email: info@unipath.in | Website: www.unipath.in  
Regd. Office : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat  
CIN: U85195GJ2009PLC057059



31004100455

**TEST REPORT**

|   |                                     |                                       |
|---|-------------------------------------|---------------------------------------|
| <b>Reg.No</b> : 31004100455                       | <b>Reg.Date</b> : 29-Oct-2023 13:41 | <b>Collection</b> : 29-Oct-2023 13:41 |
| <b>Name</b> : SONIYA RANI                         |                                     | <b>Received</b> : 29-Oct-2023 13:41   |
| <b>Age</b> : 37 Years                             | <b>Sex</b> : Female                 | <b>Report</b> : 29-Oct-2023 15:19     |
| <b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA |                                     | <b>Dispatch</b> : 29-Oct-2023 15:39   |
| <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<br><small>CMLA</small>      | 1.07    | ng/mL  | 0.70 - 2.04        |
| T4 (Thyroxine), Total<br><small>CMLA</small>             | 7.31    | µg/dL  | 5.5 - 11.0         |
| TSH (Thyroid stimulating hormone)<br><small>CMLA</small> | H 5.985 | 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 -----

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