


**Advare  
HeartCare**

**Advare HeartCare 24 Hour Holter Monitor Report**  
 Churchill Consulting Suite B, Mulgrave Private Hospital  
 MULGRAVE, VIC, 3170  
 (03) 8793 3800

**PATIENT DEMOGRAPHICS**

|                 |                              |                   |                 |
|-----------------|------------------------------|-------------------|-----------------|
| Last Name       | Newsome                      | Physician         | Dr. K. Turlakow |
| First Name      | Leigh                        | Scanned By        | WA              |
| Middle Initial  |                              | Reading Physician | Dr. R. Santosa  |
| ID Number       | 28597500                     | Test Date         | 16/05/2024      |
| Date Of Birth   | 06/07/1989                   | Analysis Date     | 18/05/2024      |
| Sex             | M                            | Hookup Time       | 9:13 AM         |
| Source          |                              | Recording Time    | 23 hr 49 min    |
| Billing Code    |                              | Analysis Time     | 23 hr 49 min    |
| Recorder Format | Philips Recorder: US11324710 | User Field #1     |                 |
| Reason for Test | S030E, peripheral Oedema     | User Field #2     |                 |
| Medications     |                              |                   |                 |

**Heart Rate Data**

|             |                         |                 |          |
|-------------|-------------------------|-----------------|----------|
| Total Beats | : 104752                | Beat analyzed % | : 99.50% |
| Min HR      | : 47 BPM at 4:57:56 AM  |                 |          |
| Avg HR      | : 84 BPM                |                 |          |
| Max HR      | : 126 BPM at 4:44:44 PM |                 |          |

**Heart Rate Variability**

|         |              |       |              |
|---------|--------------|-------|--------------|
| ASDNN 5 | : 60.3 msec  | SDNN  | : 141.8 msec |
| SDANN 5 | : 107.6 msec | RMSSD | : 127.9 msec |

**QT Analysis**

|        |     |         |     |
|--------|-----|---------|-----|
| QT Min | : - | QTc Min | : - |
| QT Avg | : - | QTc Avg | : - |
| QT Max | : - | QTc Max | : - |

QTc &gt; 450 msec : -

**ST Episode Analysis**

|              |     |     |     |
|--------------|-----|-----|-----|
|              | Ch1 | Ch2 | Ch3 |
| Min ST Level | : - | : - | : - |
| Max ST Level | : - | : - | : - |
| ST Episodes  | : - | : - | : - |

**Pacer Analysis**

|                   |     |     |     |
|-------------------|-----|-----|-----|
| Sinus Beats       | : - | FTO | : - |
| Paced Beats       | : - | FTS | : - |
| Atrial Paced      | : - | FTC | : - |
| Ventricular Paced | : - |     |     |
| Dual Paced Beats  | : - |     |     |
| Purton Beats      | : - |     |     |

**Ventricular Ectopy**

|                   |                         |
|-------------------|-------------------------|
| Total VE Beats    | : 407 (0.4%)            |
| Vent Runs         | : 1                     |
| Beats             | : 5                     |
| Longest           | : 5 Beats at 1:04:22 AM |
| Fastest           | : 154 BPM at 1:04:22 AM |
| Triplets          | : 0 Events              |
| Couplets          | : 2 Events              |
| Single/Interp PVC | : 343/1                 |
| R on T            | : 0                     |
| Single/Late VE's  | : 4/2                   |
| Bi/Trigeminy      | : 11/0 Beats            |

**Supraventricular Ectopy**

|                 |                          |
|-----------------|--------------------------|
| Total SVE Beats | : 5908 (5.7%)            |
| Atrial Runs     | : 18                     |
| Beats           | : 82                     |
| Longest         | : 10 Beats at 6:57:02 PM |
| Fastest         | : 130 BPM at 10:31:17 AM |
| Atrial Pairs    | : 37 Events              |
| Drop/Late       | : 0/0                    |
| Longest R-R     | : 1.6 sec at 4:41:17 AM  |
| Single PAC's    | : 3485                   |
| Bi/Trigeminy    | : 6/253 Beats            |

**Atrial Fibrillation**

|            |            |
|------------|------------|
| AfIB Beats | : 0 (0.0%) |
| Duration   | : 0.0 min  |
| Events     | : 0        |

**INTERPRETATION**

Sinus rhythm.  
 Heart rate: 47-126 bpm. Mean rate: 84 bpm.  
 Frequent (3.7%) premature atrial complexes including rare episodes of bigeminy, rare pairs and rare short (3-10 beat) atrial tachycardia runs.  
 Occasional premature ventricular complexes including rare episodes of bigeminy, rare pairs and one short (5 beat) ventricular tachycardia run.  
 No pauses noted.  
 No patient triggered events.

 Signed : *Rahul Samanta*

Date : 16-05-24

 Holter Report  
 Serial # : 1032854

## SUPRAVENTRICULAR EVENTS

## Supraventricular Ectopic Profile

| Time     | HR  | HR  | HR  | SVP   | RR  | RR  | Pairs | Block    | Trigem   | A-Br  | A-Br     | PAC    | Drop     | Late     |
|----------|-----|-----|-----|-------|-----|-----|-------|----------|----------|-------|----------|--------|----------|----------|
| Ending   | Min | Avg | Max | Total | Max | Max |       | Beats    | Beats    | Beats | Duration | Single | Beats    | Beats    |
| Setting  |     |     |     |       |     |     |       | 2 Cycles | 2 Cycles | Off   | 2 Cycles |        | 2 Cycles | 2 Cycles |
| 10:00 AM | 55  | 75  | 103 | 242   | 1.2 | 1.2 | 0     | 0        | 22       | 0     | 00:00    | 214    | 0        | 2        |
| 11:00 AM | 55  | 83  | 108 | 286   | 1.2 | 1.2 | 3     | 0        | 20       | 0     | 00:00    | 248    | 0        | 2        |
| 12:00 PM | 51  | 82  | 111 | 220   | 1.2 | 1.2 | 2     | 0        | 23       | 0     | 00:00    | 195    | 0        | 8        |
| 1:00 PM  | 57  | 93  | 112 | 157   | 1.1 | 1.2 | 0     | 0        | 3        | 0     | 00:00    | 149    | 0        | 5        |
| 2:00 PM  | 81  | 95  | 122 | 73    | 1.0 | 1.0 | 0     | 0        | 0        | 0     | 00:00    | 59     | 0        | 2        |
| 3:00 PM  | 81  | 89  | 122 | 73    | 1.0 | 1.0 | 0     | 0        | 0        | 0     | 00:00    | 71     | 0        | 2        |
| 4:00 PM  | 53  | 84  | 109 | 135   | 1.2 | 1.3 | 0     | 0        | 10       | 0     | 00:00    | 122    | 0        | 4        |
| 5:00 PM  | 60  | 85  | 110 | 201   | 1.3 | 1.3 | 0     | 0        | 0        | 0     | 00:00    | 180    | 0        | 4        |
| 6:00 PM  | 71  | 83  | 118 | 177   | 1.3 | 1.3 | 0     | 0        | 3        | 0     | 00:00    | 159    | 0        | 0        |
| 7:00 PM  | 71  | 91  | 112 | 198   | 1.2 | 1.2 | 1     | 0        | 12       | 0     | 00:00    | 177    | 0        | 5        |
| 8:00 PM  | 69  | 100 | 125 | 173   | 1.2 | 1.2 | 0     | 0        | 3        | 0     | 00:00    | 169    | 0        | 5        |
| 9:00 PM  | 67  | 88  | 115 | 117   | 1.1 | 1.2 | 1     | 0        | 0        | 0     | 00:00    | 113    | 0        | 2        |
| 10:00 PM | 69  | 88  | 119 | 247   | 0.9 | 1.3 | 1     | 0        | 5        | 0     | 00:00    | 230    | 0        | 1        |
| 11:00 PM | 63  | 83  | 109 | 138   | 1.2 | 1.2 | 1     | 0        | 3        | 0     | 00:00    | 126    | 0        | 7        |
| 12:00 AM | 65  | 91  | 105 | 127   | 1.2 | 1.2 | 1     | 0        | 3        | 0     | 00:00    | 115    | 0        | 4        |
| 1:00 AM  | 56  | 69  | 90  | 208   | 1.2 | 1.4 | 2     | 0        | 9        | 0     | 00:00    | 192    | 0        | 0        |
| 2:00 AM  | 55  | 74  | 105 | 195   | 1.3 | 1.3 | 0     | 0        | 5        | 0     | 00:00    | 161    | 0        | 5        |
| 3:00 AM  | 56  | 75  | 98  | 201   | 1.3 | 1.3 | 3     | 3        | 3        | 0     | 00:00    | 177    | 0        | 4        |
| 4:00 AM  | 54  | 74  | 103 | 173   | 1.2 | 1.3 | 1     | 0        | 10       | 0     | 00:00    | 221    | 0        | 6        |
| 5:00 AM  | 47  | 67  | 86  | 68    | 1.2 | 1.5 | 2     | 0        | 0        | 0     | 00:00    | 55     | 0        | 3        |
| 6:00 AM  | 51  | 71  | 97  | 243   | 1.4 | 1.4 | 0     | 0        | 0        | 0     | 00:00    | 237    | 0        | 6        |
| 7:00 AM  | 53  | 67  | 94  | 39    | 1.3 | 1.3 | 0     | 0        | 10       | 0     | 00:00    | 27     | 0        | 2        |
| 8:00 AM  | -   | -   | -   | 0     | 0.0 | 0.0 | 0     | 0        | 0        | 0     | 00:00    | 0      | 0        | 0        |
| 9:00 AM  | -   | -   | -   | 0     | 0.0 | 0.0 | 0     | 0        | 0        | 0     | 00:00    | 0      | 0        | 0        |
| 10:00 AM | -   | -   | -   | 0     | 0.0 | 0.0 | 0     | 0        | 0        | 0     | 00:00    | 0      | 0        | 0        |
| Total    | 47  | 84  | 125 | 3908  | 1.5 | 1.5 | 37    | 6        | 253      | 0     | 00:00    | 3485   | 0        | 0        |

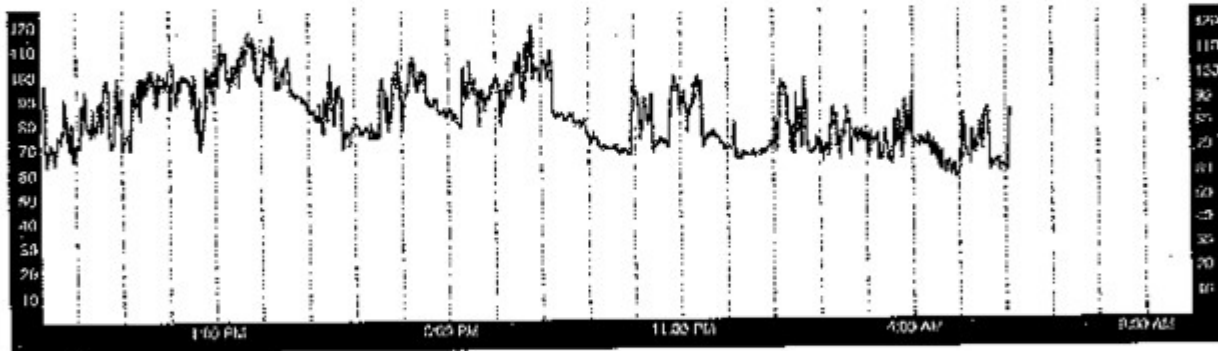
## SUPRAVENTRICULAR EVENTS

|             | Atrial Runs |        |        |                 | Brady      |         |         |                     | Tachy          |                      |                |  |
|-------------|-------------|--------|--------|-----------------|------------|---------|---------|---------------------|----------------|----------------------|----------------|--|
| Time Ending | HR Min      | HR Avg | HR Max | ARun Events All | ARun Beats | Max BPM | Max Len | Brady Events 50 BPM | Brady Duration | Tachy Events 100 BPM | Tachy Duration |  |
| Setting     |             |        |        |                 |            |         |         |                     |                |                      |                |  |
| 10:00 AM    | 53          | 75     | 108    | 1               | 3          | 100     | 3       | 0                   | 00:24          | 0                    | 00:00          |  |
| 11:00 AM    | 55          | 83     | 108    | 3               | 10         | 139     | 4       | 3                   | 00:23          | 19                   | 04:38          |  |
| 12:00 PM    | 51          | 82     | 111    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 35                   | 23:17          |  |
| 1:00 PM     | 57          | 93     | 112    | 0               | 0          | 0       | 0       | 1                   | 00:09          | 56                   | 24:35          |  |
| 2:00 PM     | 51          | 85     | 109    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 48                   | 27:53          |  |
| 3:00 PM     | 51          | 99     | 122    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 29                   | 27:59          |  |
| 4:00 PM     | 50          | 84     | 109    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 21                   | 06:28          |  |
| 5:00 PM     | 60          | 85     | 110    | 2               | 17         | 110     | 9       | 1                   | 00:06          | 34                   | 10:40          |  |
| 6:00 PM     | 71          | 93     | 118    | 2               | 18         | 120     | 11      | 0                   | 00:00          | 4                    | 15:38          |  |
| 7:00 PM     | 71          | 91     | 112    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 48                   | 13:28          |  |
| 8:00 PM     | 56          | 100    | 125    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 22                   | 27:09          |  |
| 9:00 PM     | 57          | 88     | 115    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 7                    | 12:55          |  |
| 10:00 PM    | 60          | 97     | 109    | 0               | 0          | 0       | 0       | 1                   | 00:07          | 0                    | 01:17          |  |
| 11:00 PM    | 63          | 83     | 109    | 0               | 0          | 0       | 0       | 0                   | 00:00          | 17                   | 03:23          |  |
| 12:00 AM    | 55          | 81     | 108    | 1               | 3          | 123     | 3       | 0                   | 00:00          | 30                   | 09:01          |  |
| 1:00 AM     | 56          | 69     | 90     | 1               | 3          | 103     | 3       | 4                   | 00:29          | 0                    | 00:00          |  |
| 2:00 AM     | 55          | 79     | 105    | 1               | 4          | 90      | 1       | 9                   | 01:11          | 18                   | 03:58          |  |
| 3:00 AM     | 56          | 75     | 98     | 1               | 8          | 81      | 8       | 7                   | 00:48          | 0                    | 00:00          |  |
| 4:00 AM     | 54          | 74     | 103    | 0               | 0          | 0       | 0       | 2                   | 00:50          | 1                    | 00:06          |  |
| 5:00 AM     | 47          | 87     | 86     | 2               | 6          | 71      | 3       | 50                  | 15:59          | 0                    | 00:00          |  |
| 6:00 AM     | 51          | 71     | 87     | 0               | 15         | 38      | 8       | 0                   | 00:00          | 0                    | 00:00          |  |
| 7:00 AM     | 53          | 67     | 94     | 0               | 0          | 0       | 0       | 4                   | 02:08          | 0                    | 00:00          |  |
| 8:00 AM     | -           | -      | -      | 0               | 0          | 0       | 0       | 0                   | 00:00          | 0                    | 00:00          |  |
| 9:00 AM     | -           | -      | -      | 0               | 0          | 0       | 0       | 0                   | 00:00          | 0                    | 00:00          |  |
| 10:00 AM    | -           | -      | -      | 0               | 0          | 0       | 0       | 0                   | 00:00          | 9                    | 00:00          |  |
| Total       | 47          | 84     | 125    | 18              | 82         | 130     | 18      | 171                 | 37:12          | 476                  | 03:58:24       |  |

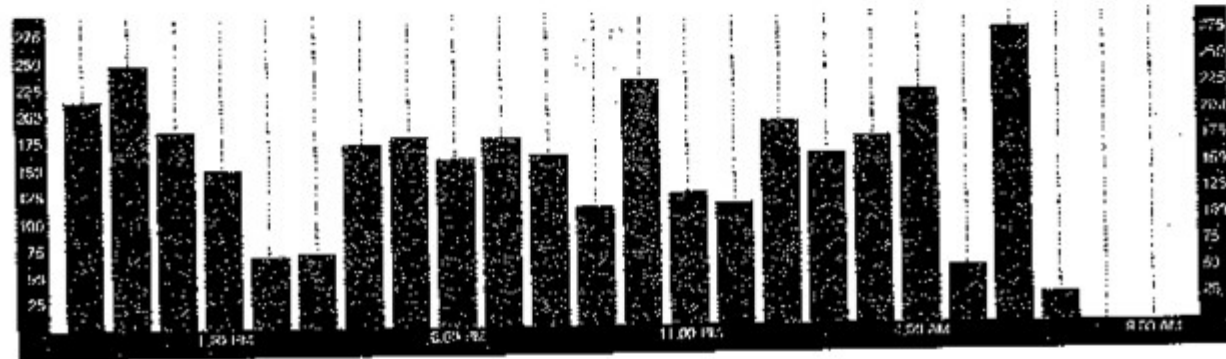
# SUPRAVENTRICULAR EVENTS

## Special Event Graphics

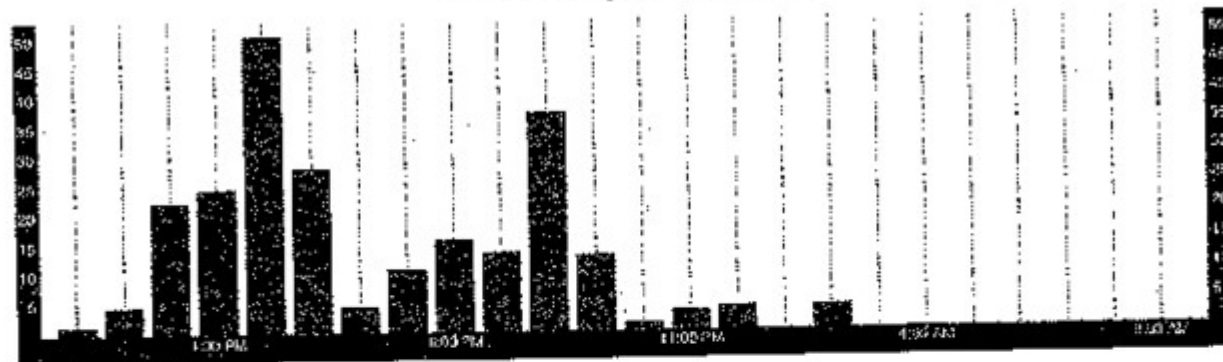
### Heart Rate



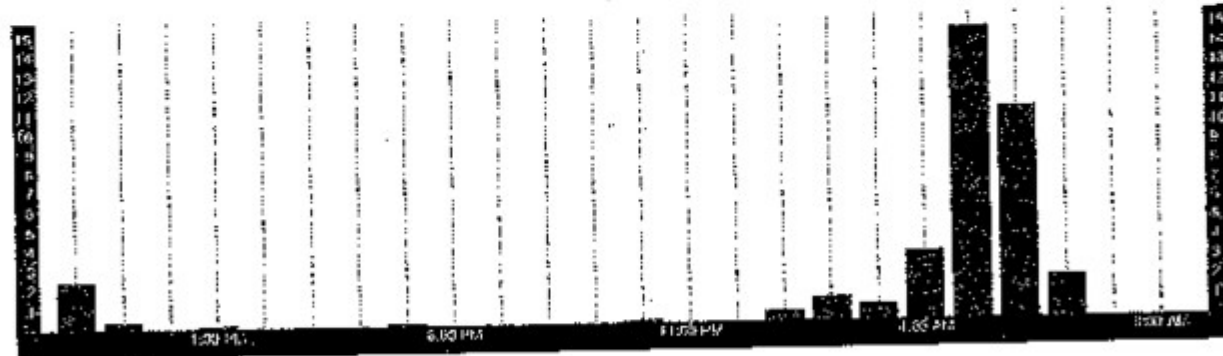
### Premature Atrial Beats Per Interval



### Minutes of Tachycardia Per Interval



### Minutes of Bradycardia Per Interval



Patient Name : Newsome, Leigh

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## VENTRICULAR EVENTS

## Ventricular Ectopic Profile

| Time     | HR  | HR  | HR  | VE    | VE     | VE   | VR     | VR    | Max | Max | GPR | PR  | RHR  | Bipam | Trigen | AVC   | PVC    |
|----------|-----|-----|-----|-------|--------|------|--------|-------|-----|-----|-----|-----|------|-------|--------|-------|--------|
| Ending   | Min | Avg | Max | Total | Simple | Late | Events | Beats | BPM | Len | Sec | Off | Rate | Beats | Beats  | Angle | Interv |
| Setting  |     |     |     |       |        |      |        |       |     |     |     |     |      |       |        |       |        |
| 10:00 AM | 59  | 74  | 103 | 8     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 9     | 0      |
| 11:00 AM | 55  | 83  | 108 | 13    | 2      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 11    | 0      |
| 12:00 PM | 58  | 92  | 114 | 7     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 12    | 0      |
| 1:00 PM  | 57  | 93  | 112 | 18    | 3      | 0    | 0      | 0     | 0   | 0   | 0   | 1   | 0    | 0     | 0      | 13    | 0      |
| 2:00 PM  | 57  | 81  | 107 | 15    | 3      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 14    | 0      |
| 3:00 PM  | 61  | 59  | 122 | 18    | 2      | 0    | 0      | 0     | 0   | 0   | 1   | 0   | 0    | 0     | 0      | 18    | 0      |
| 4:00 PM  | 63  | 64  | 109 | 9     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 10    | 0      |
| 5:00 PM  | 60  | 85  | 110 | 15    | 5      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 12    | 0      |
| 6:00 PM  | 70  | 66  | 108 | 15    | 2      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 16    | 0      |
| 7:00 PM  | 71  | 91  | 112 | 17    | 1      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 20    | 0      |
| 8:00 PM  | 59  | 100 | 125 | 19    | 1      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 15    | 0      |
| 9:00 PM  | 87  | 88  | 115 | 17    | 2      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 25    | 0      |
| 10:00 PM | 67  | 78  | 109 | 15    | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 10    | 0      |
| 11:00 PM | 63  | 63  | 109 | 12    | 2      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 5     | 0      |
| 12:00 AM | 65  | 87  | 106 | 15    | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 8     | 0      |
| 1:00 AM  | 56  | 69  | 90  | 5     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 5     | 0      |
| 2:00 AM  | 65  | 79  | 105 | 14    | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 11    | 0      |
| 3:00 AM  | 66  | 75  | 98  | 11    | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 10    | 0      |
| 4:00 AM  | 73  | 78  | 103 | 27    | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 24    | 0      |
| 5:00 AM  | 47  | 67  | 88  | 34    | 1      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 22    | 0      |
| 6:00 AM  | 51  | 77  | 97  | 23    | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 1     | 0      |
| 7:00 AM  | 53  | 67  | 94  | 1     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 0     | 0      |
| 8:00 AM  | -   | -   | -   | 0     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 0     | 0      |
| 9:00 AM  | -   | -   | -   | 0     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 0     | 0      |
| 10:00 AM | -   | -   | -   | 0     | 0      | 0    | 0      | 0     | 0   | 0   | 0   | 0   | 0    | 0     | 0      | 0     | 0      |
| Total    | 47  | 84  | 126 | 407   | 41     | 2    | 1      | 6     | 154 | 6   | 2   | 0   | 0    | 11    | 0      | 343   | 1      |

Serial #: 1032854

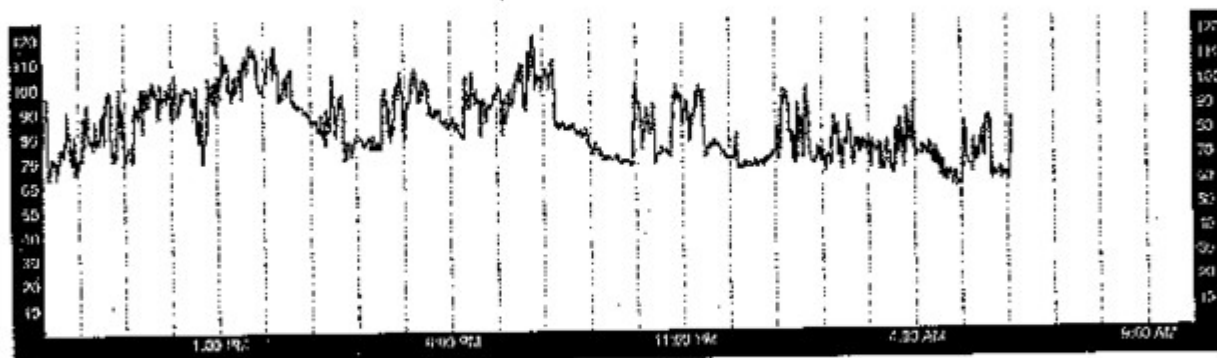
Patient Name : Newsome, Leigh

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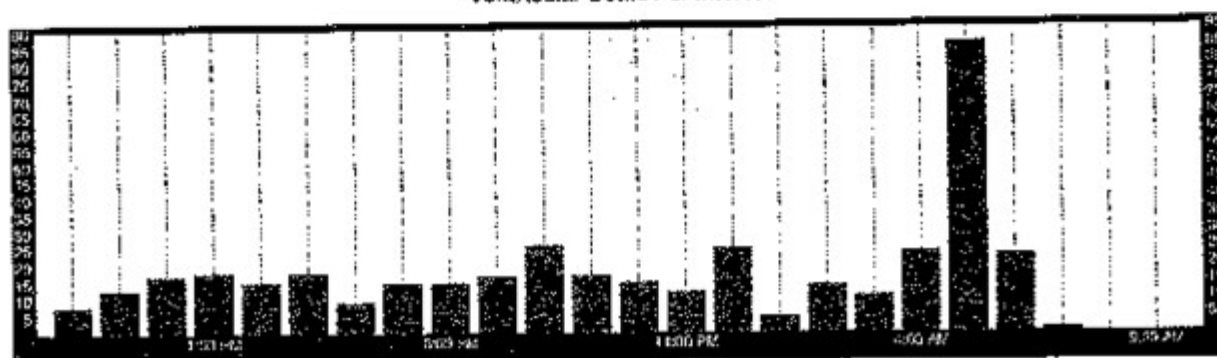
# VENTRICULAR EVENTS

Special Event Graphics

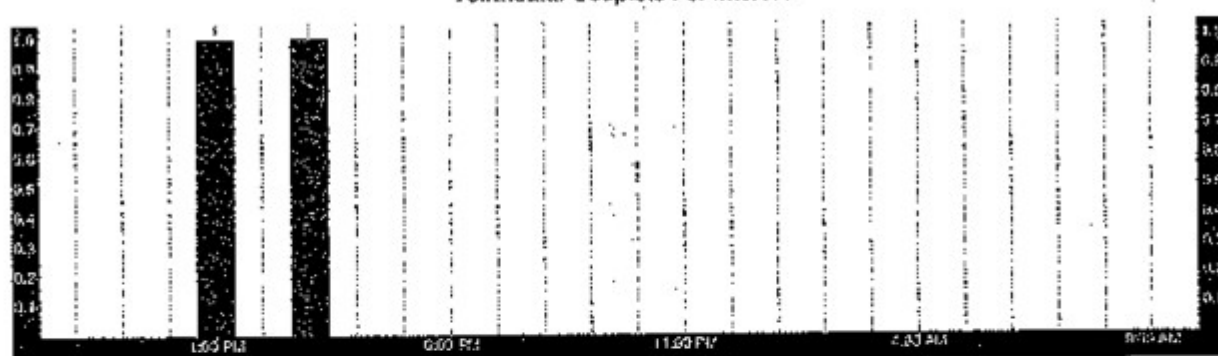
## Heart Rate



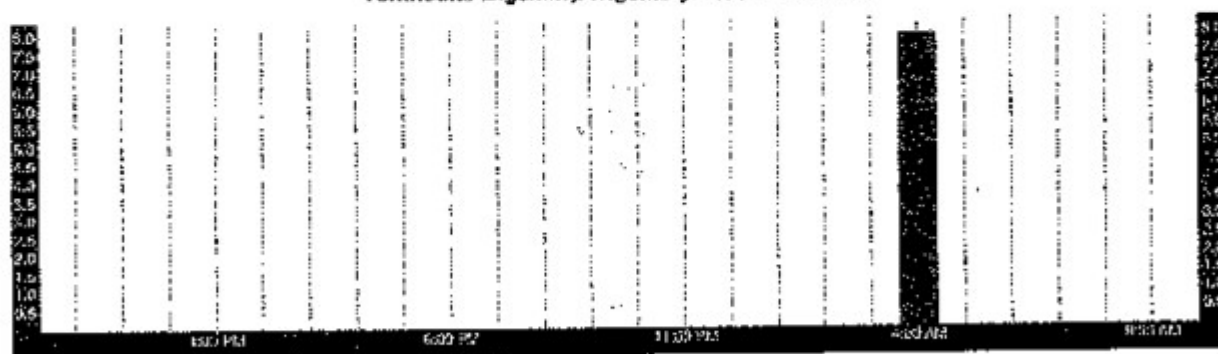
## Ventricular Beats Per Interval



## Ventricular Couples Per Interval



## Ventricular Bigeminy/Trigeminy Beats Per Interval



Serial #: 1032854



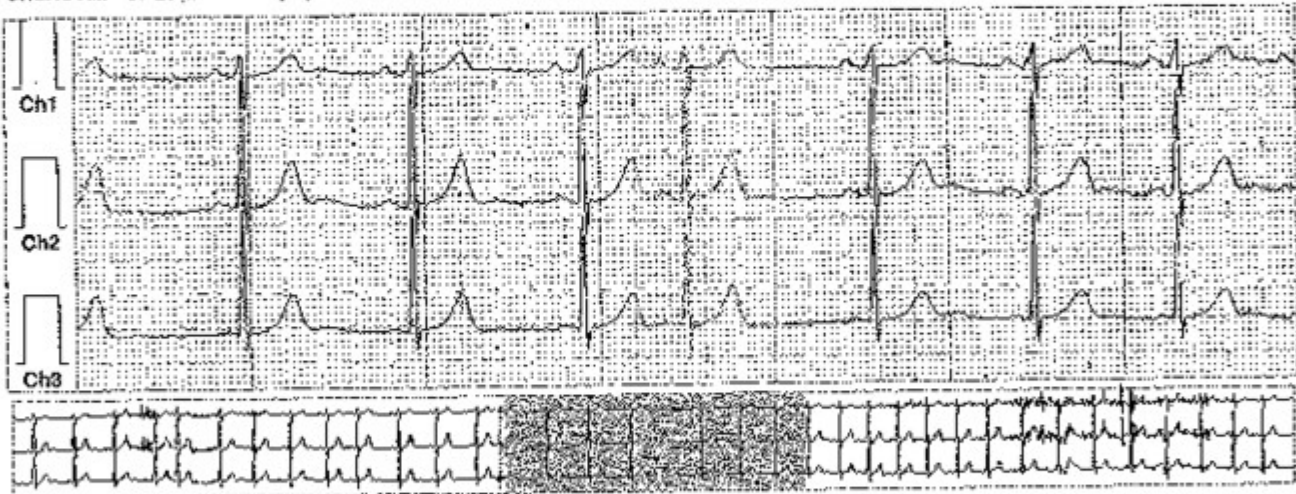
Patient Name : Newsome, Leigh

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## SELECTED STRIPS

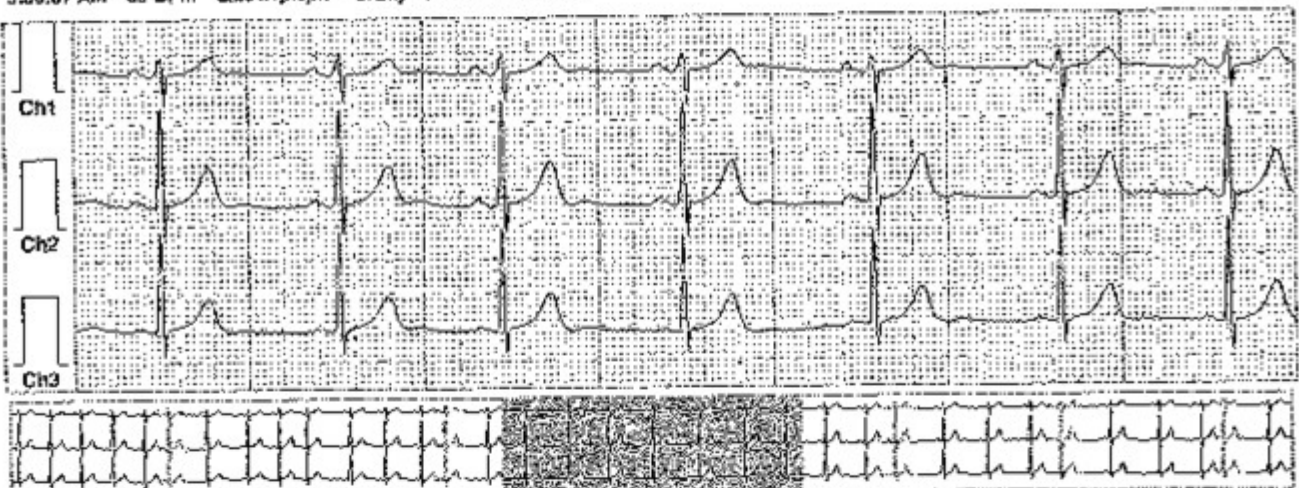
9:12:18 AM 67 BPM Size x1,x1,x1 PAC

Strip 1 of 18



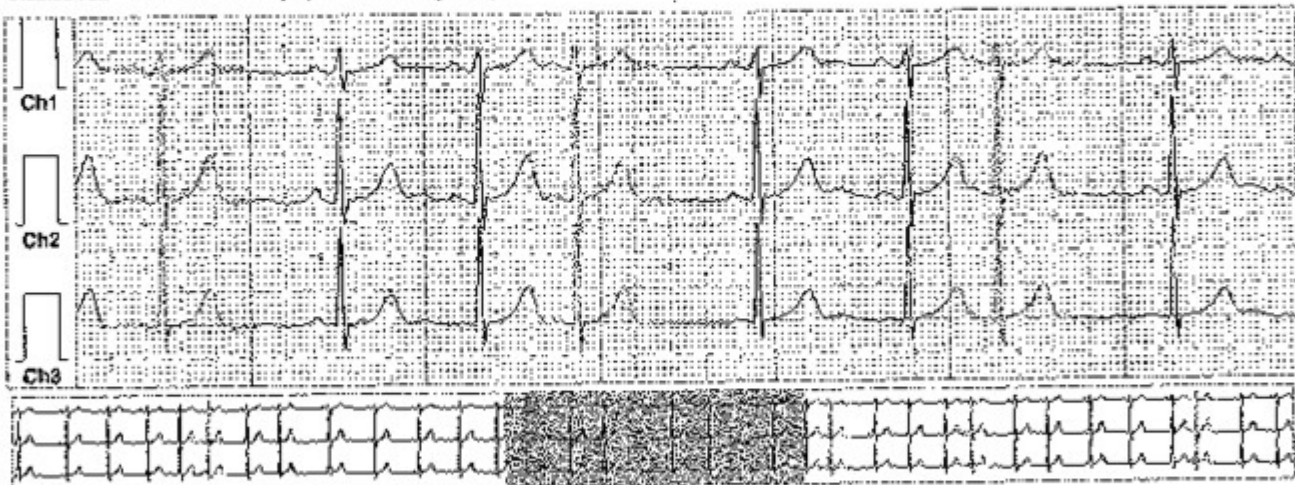
9:30:57 AM 59 BPM Size x1,x1,x1 Brady - PR interval: 160ms

Strip 2 of 18



9:32:52 AM 75 BPM Size x1,x1,x1 Atrial Trigeminy

Strip 3 of 18

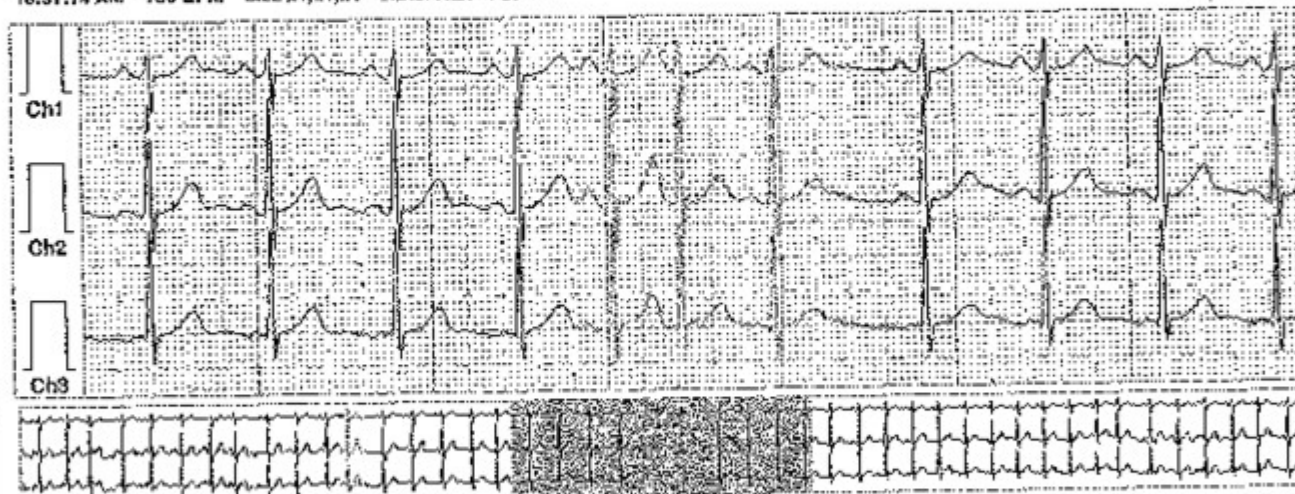


Serial #: 1032854

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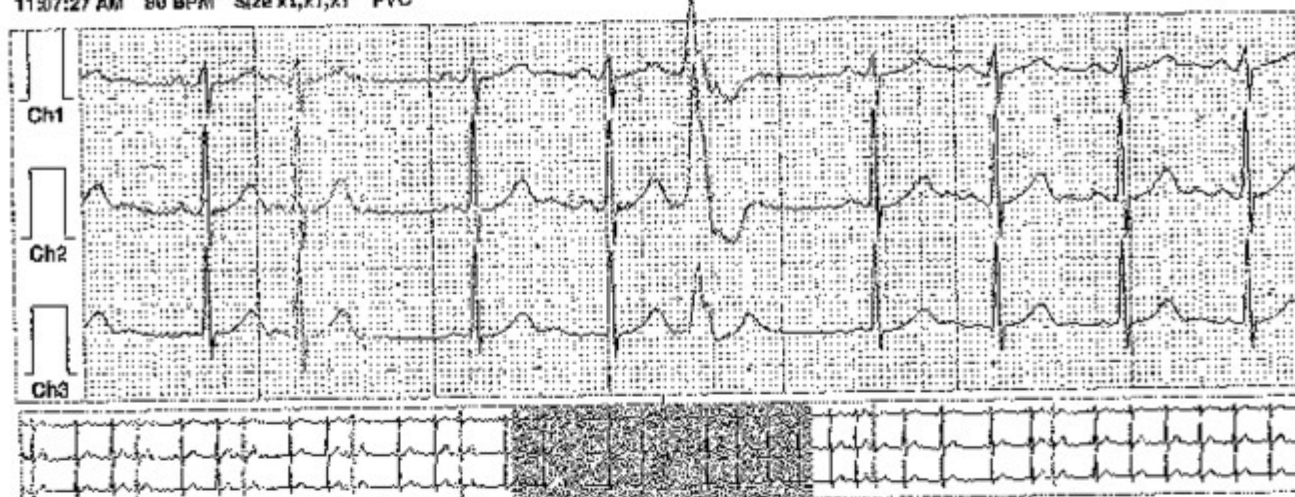
10:31:14 AM 130 BPM Size x1,x1,x1 Atrial Run - Fastest

Strip 4 of 18



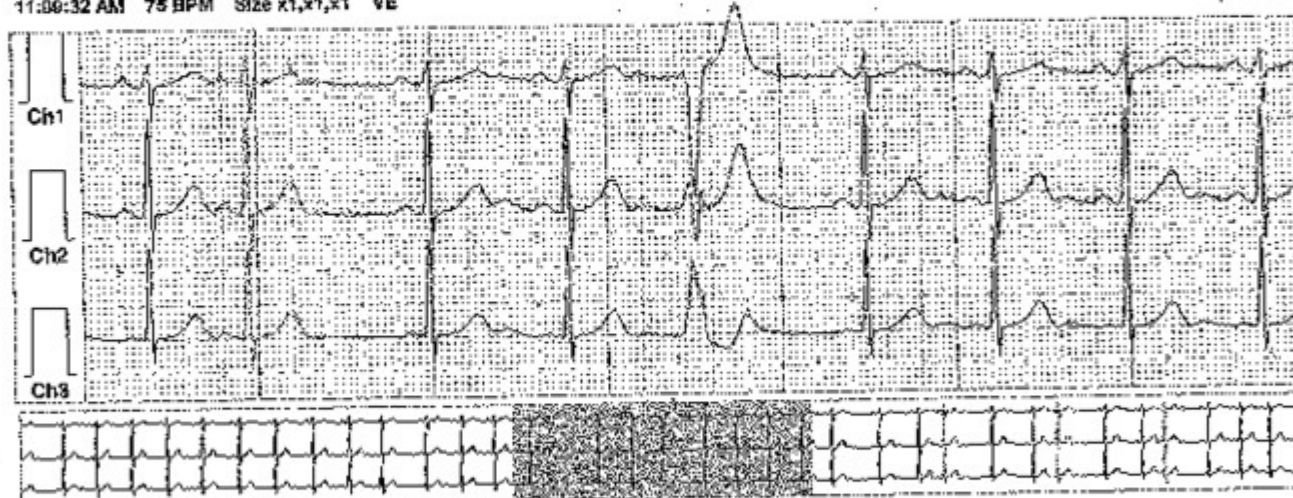
11:07:27 AM 80 BPM Size x1,x1,x1 PVC

Strip 5 of 18



11:00:32 AM 75 BPM Size x1,x1,x1 VE

Strip 6 of 18





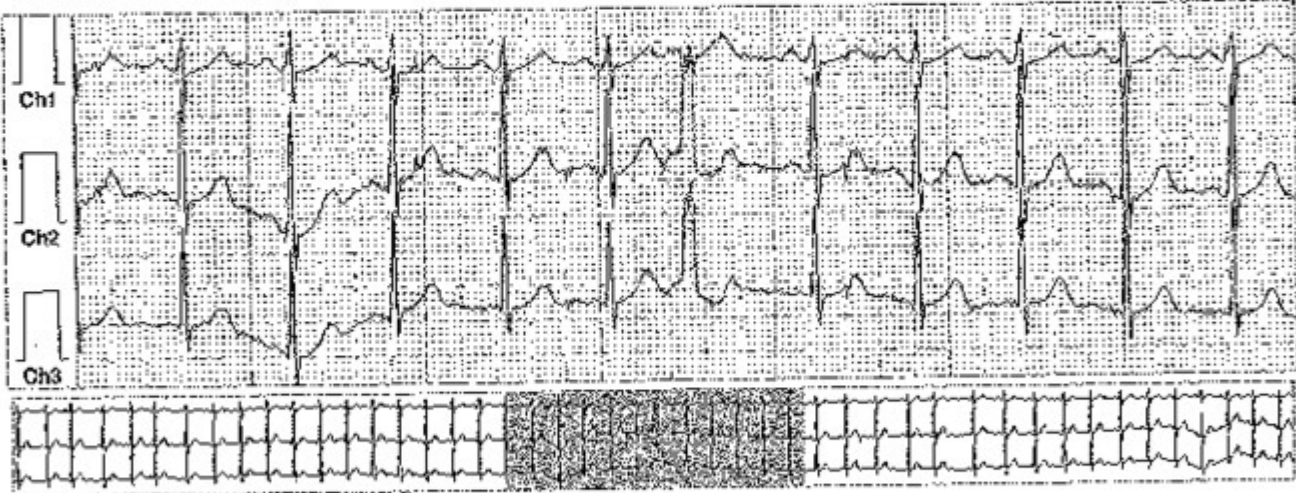
Patient Name : Newsome, Leigh

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## SELECTED STRIPS

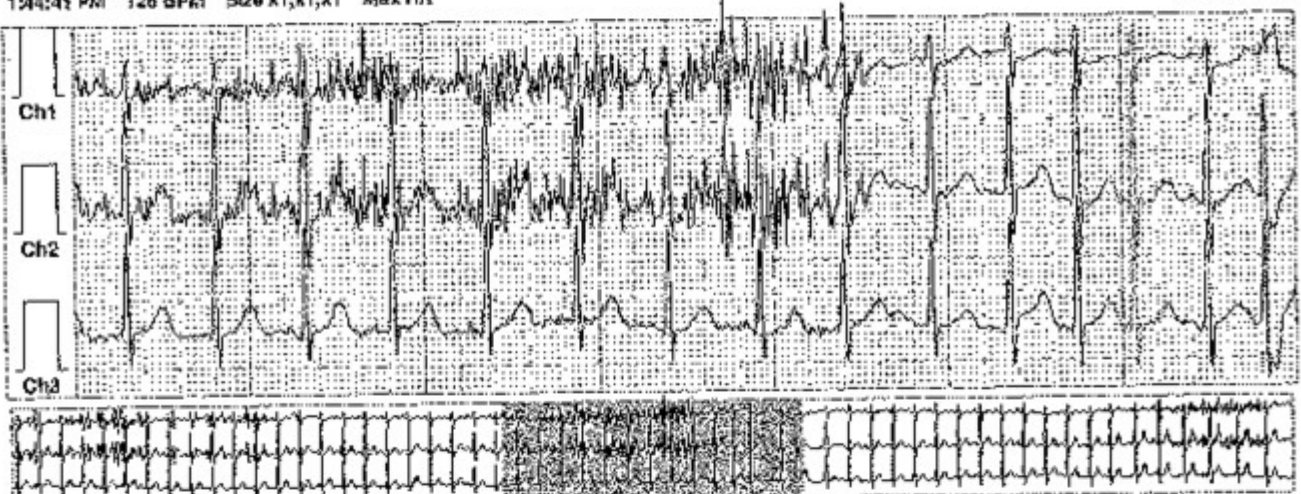
12:28:51 PM 99 BPM Size x1,x1,x1 PVC

Strip 7 of 18



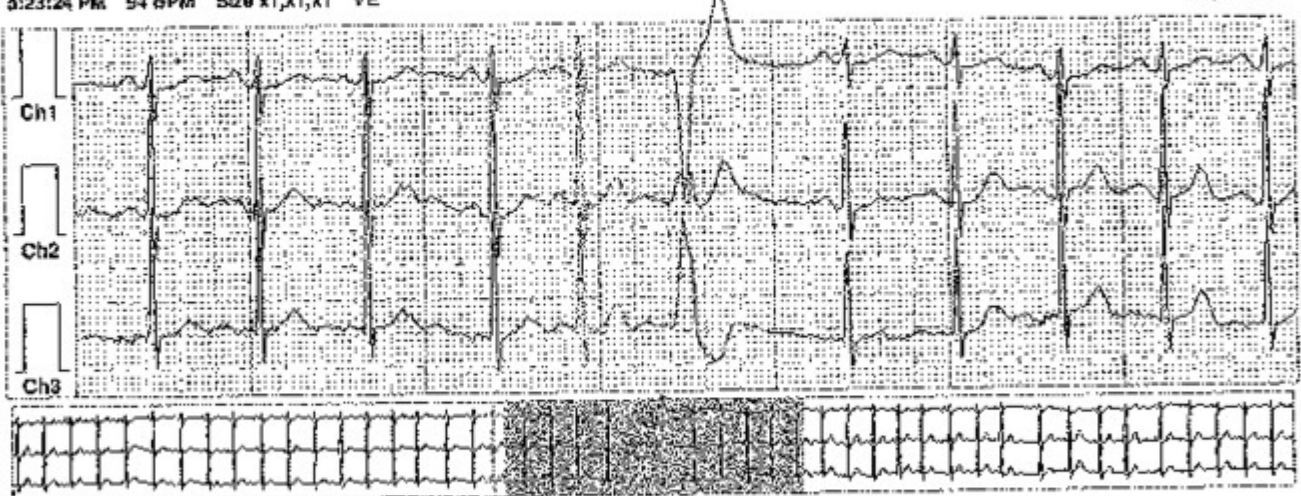
1:44:41 PM 126 BPM Size x1,x1,x1 Max HR

Strip 8 of 18



5:23:24 PM 94 BPM Size x1,x1,x1 VE

Strip 9 of 18



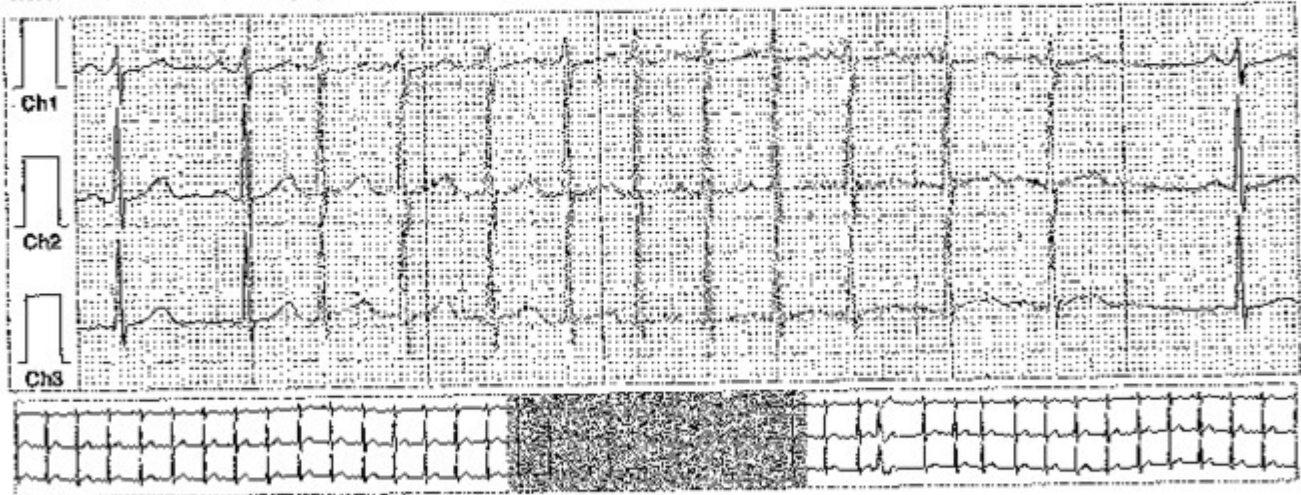
Patient Name : Newsome, Leigh

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## SELECTED STRIPS

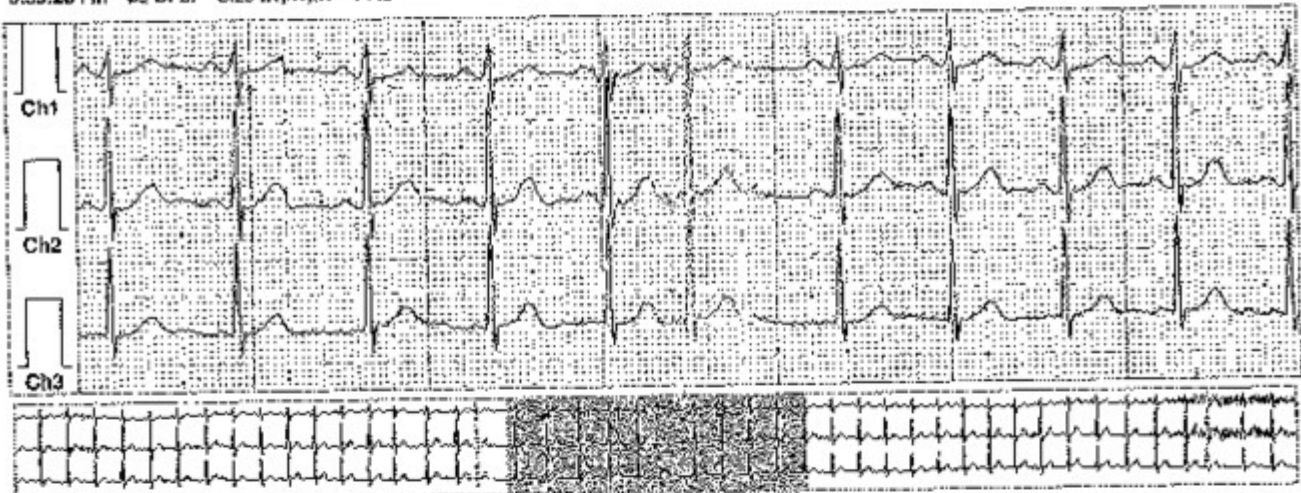
5:57:00 PM 112 BPM Size x1,x1,x1 Atrial Run - Longest

Strip 10 of 18



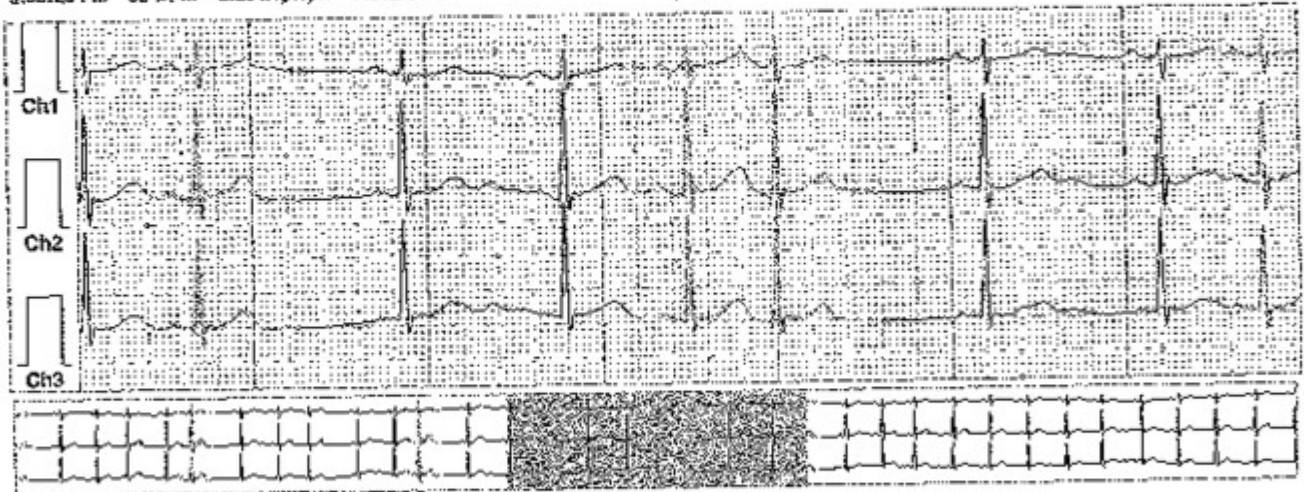
6:33:28 PM 88 BPM Size x1,x1,x1 PAC

Strip 11 of 18



9:53:25 PM 68 BPM Size xt,x1,x1 Atrial Pair

Strip 12 of 18



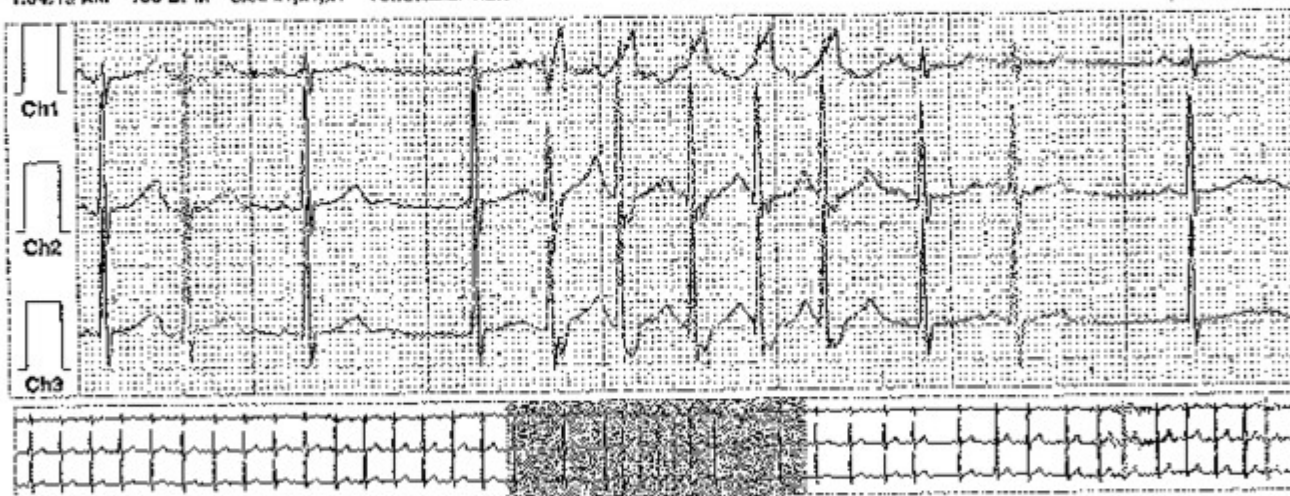
Serial #: 1032854



## SELECTED STRIPS

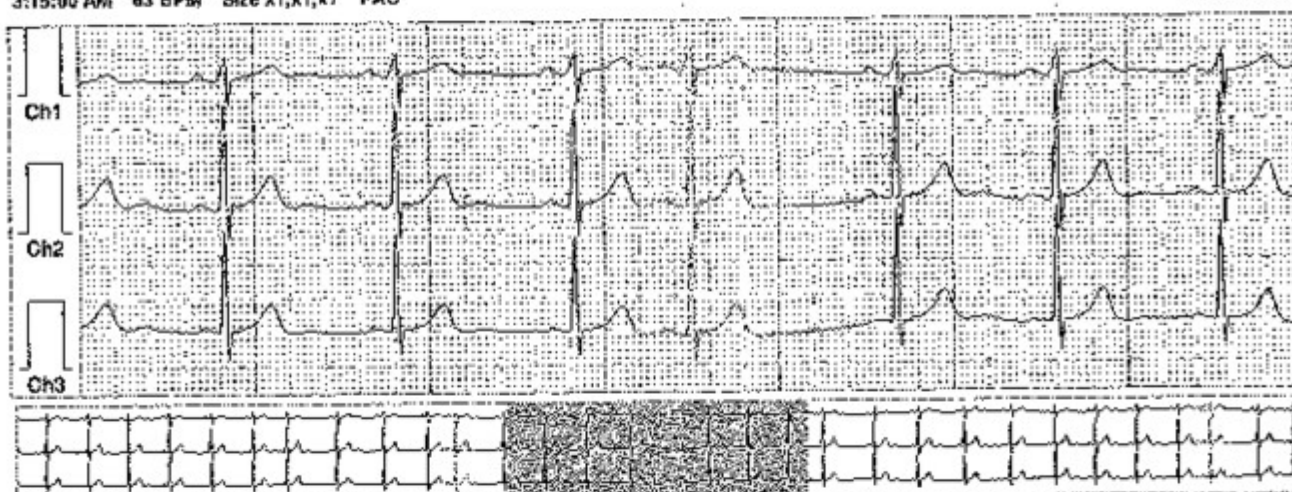
1:04:19 AM 100 BPM Size x1,x1,x1 Ventricular Run

Strip 13 of 18



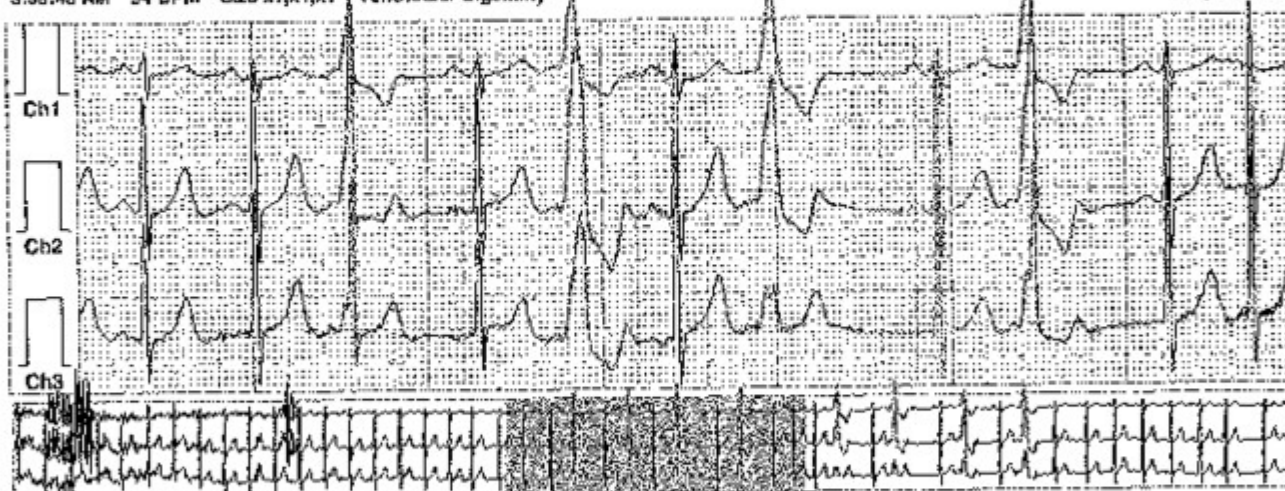
3:15:00 AM 63 BPM Size x1,x1,x1 PAC

Strip 14 of 18



3:58:40 AM 94 BPM Size x1,x1,x1 Ventricular Bigeminy

Strip 15 of 18



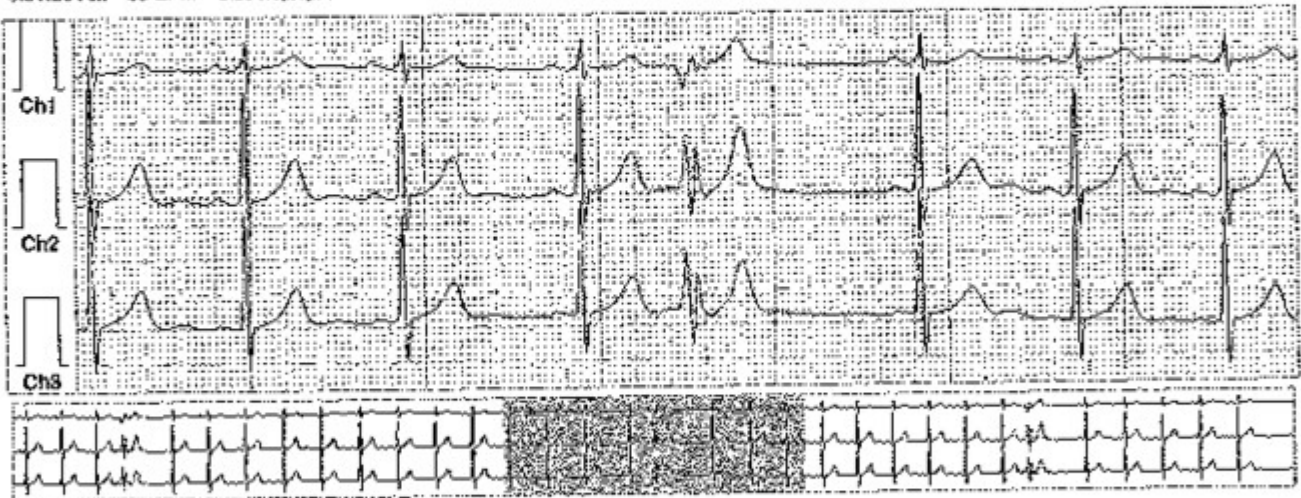
Patient Name : Newsome, Leigh

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## SELECTED STRIPS

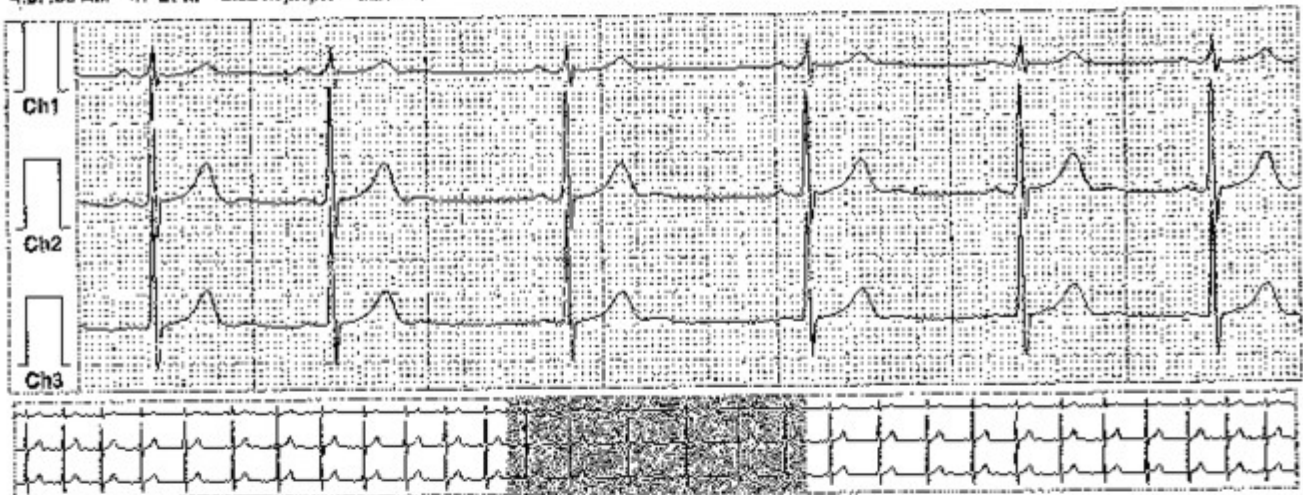
4:31:20 AM 65 BPM Size x1,x1,x1 PVC

Strip 16 of 18



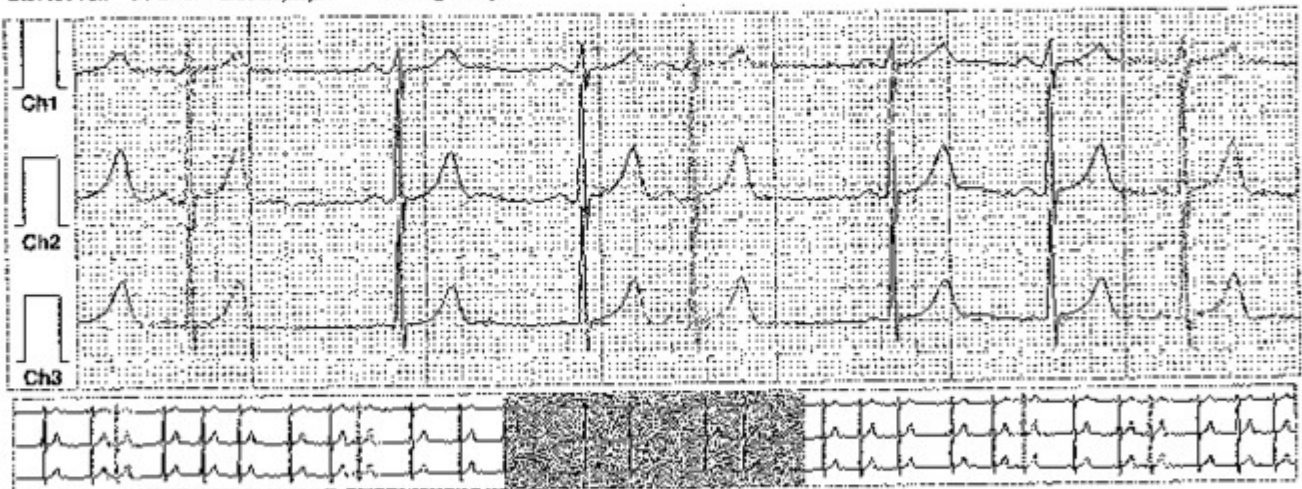
4:57:55 AM 47 BPM Size x1,x1,x1 Min HR

Strip 17 of 18



5:57:51 AM 64 BPM Size x1,x1,x1 Atrial Trigeminy

Strip 18 of 18



Serial #: 1032854