

### Patient Information

**Name:** Audie Murphy  
**ID #:** Murp1038  
**DOB:** 10/18/1926 **Sex:** Male  
**Diag:**

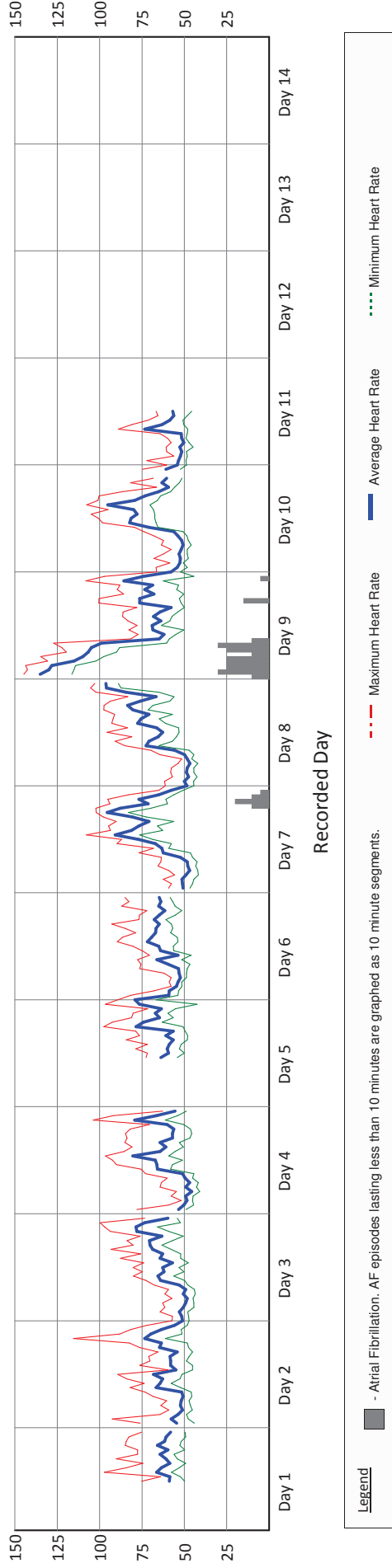
**Phone:** (516) 908-7654  
**Monitor Type:** Heartrak ECAT  
**Serial #:** 997296

### Physician Information

**R.F.1:** Empire Cardiac  
**R.F.2:**  
**R.F.3:**

**Enrollment Period: 5/7/2013 - 5/20/2013 (14 days)**

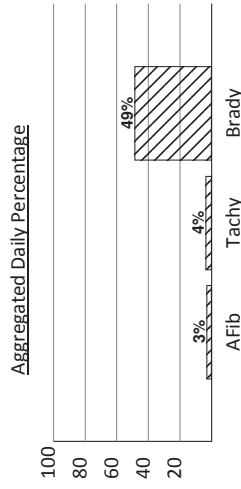
Heart Rate and AF Trending Graph



### ECAT Observations

**Monitoring Duration:** 290 hours 55 minutes

<b>Heart Rate</b>	<b>Activation Counters</b>	<b>AF Statistics</b>
<b>Min:</b> 45 bpm on Day 4 - 05/10/2013	<b>Patient:</b> 1	<b>Total Time in AF:</b> 8 hours 38 minutes
<b>Max:</b> 130 bpm on Day 9 - 05/15/2013	<b>Auto-Triggers:</b> 4	<b>Max HR in AF:</b> 130 bpm on Day 9 at 02:30 AM
<b>Average:</b> 64 bpm		<b>Longest AF Episode:</b> 2 hours 10 minutes on Day 9 at 12:49 AM



\* ECAT Observations are based on average heart rate measurements. All times are reported in Eastern Standard Time.

### Comments:

THE PATIENT PRESENTED PRIMARILY IN SINUS RHYTHM. FIRST DEGREE BLOCK WAS NOTED. EPISODES OF ATRIAL FIBRILLATION WERE NOTED. EPISODE OF ACCELERATED JUNCTIONAL RHYTHM WAS NOTED. ISOLATED ATRIAL ECTOPIC BEATS WERE NOTED. ATRIAL RUN AND COUPLET WERE NOTED. ISOLATED MULTIFOCAL VENTRICULAR ECTOPIC BEATS WERE NOTED. NO VENTRICULAR RUNS OR COUPLETS WERE NOTED. NO PAUSES EXCEEDING 2.5 SECONDS WERE NOTED. (PATIENT TOOK OF MONITOR LAST 3 DAYS OF SERVICE)

Prepared by: \_\_\_\_\_

Physician Signature: \_\_\_\_\_

# Study Event Log for Audie Murphy

## [ 5/7/2013 - 5/20/2013 ]

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)			Findings
			Patient	Auto				Brady	Tachy	AF	
<b>1</b>	13 h 1 min	61 bpm	1	0				48%			

**Recorded Date**    **Trigger Type**    **Symptoms**    **Findings**    **Rate**  
 05/07/2013 11:48 AM    Patient    Baseline. No Activity    SINUS RHYTHM    60 - 60  
 05/07/2013 2:57 PM    Trend          SINUS ARRHYTHMIA, PVC,PAC    49 - 60

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)			Findings
			Patient	Auto				Brady	Tachy	AF	
<b>2</b>	23 h 12 min	58 bpm	0	0				57%			

**Recorded Date**    **Trigger Type**    **Symptoms**    **Findings**    **Rate**  
 05/08/2013 12:43 AM    Trend          SINUS ARRHYTHMIA, 1ST DEGREE BLK, PVCs    34 - 45

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)			Findings
			Patient	Auto				Brady	Tachy	AF	
<b>3</b>	24 h	60 bpm	0	1				49%			

**Recorded Date**    **Trigger Type**    **Symptoms**    **Findings**    **Rate**  
 05/09/2013 3:20 AM    Auto    AUTO-TRIGGER    SINUS ARRHYTHMIA, 1ST DEGREE BLK, PVCs    40 - 50  
 05/09/2013 5:17 PM    Trend          SINUS RHYTHM, 1ST DEGREE BLK, PAC, PAT (136 BPM)    63 - 71  
 05/09/2013 10:07 PM    Trend          ARTIFACT NOTED    SINUS RHYTHM, PVCs    76 - 77

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)			Findings
			Patient	Auto				Brady	Tachy	AF	
<b>4</b>	24 h	58 bpm	0	1				61%			

**Recorded Date**    **Trigger Type**    **Symptoms**    **Findings**    **Rate**  
 05/10/2013 6:51 AM    Auto    AUTO-TRIGGER    SINUS ARRHYTHMIA, 1ST DEGREE BLK, PAC    39 - 56  
 05/10/2013 7:27 PM    Trend          SINUS RHYTHM, 1ST DEGREE BLK, PVCs    68 - 68

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)			Findings
			Patient	Auto				Brady	Tachy	AF	
<b>5</b>	13 h 26 min	64 bpm	0	0				35%			

**Recorded Date**    **Trigger Type**    **Symptoms**    **Findings**    **Rate**  
 05/11/2013 12:17 AM    Trend          SINUS BRADYCARDIA    54 - 54  
 05/11/2013 7:02 PM    Trend          SINUS RHYTHM, PVC    73 - 73  
 05/11/2013 7:32 PM    Trend          SINUS RHYTHM, PVCs    75 - 75

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>6</b>	24 h	61 bpm	0	0				39%		

**Recorded Date** 05/12/2013 12:22 AM **Trigger Type** Trend **Symptoms** SINUS RHYTHM, PVCS **Findings** SINUS RHYTHM, PVCS **Rate** 81 - 81

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>7</b>	22 h 54 min	64 bpm	0	0	1 h 27 min	94 bpm	30 min	42%	1% 6%	Findings

**Recorded Date** 05/13/2013 1:25 PM **Trigger Type** Trend **Symptoms** SINUS RHYTHM, PVCS(LEAD INVERSION ) **Findings** SINUS RHYTHM, PVCS(LEAD INVERSION ) **Rate** 85 - 85

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>8</b>	24 h	66 bpm	0	1				37%	1%	Findings

**Recorded Date** 05/14/2013 5:34 AM **Trigger Type** Auto **Symptoms** AUTO-TRIGGER **Findings** SINUS BRADYCARDIA, FIRST DEGREE AV BLOCK **Rate** 36 - 48  
 05/14/2013 11:05 AM **Trigger Type** Trend **Symptoms** **Findings** SINUS RHYTHM, MULTIFOCAL PVCS **Rate** 70 - 78  
 05/14/2013 6:05 PM **Trigger Type** Trend **Symptoms** **Findings** SINUS RHYTHM, PVC, PAC **Rate** 78 - 80

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>9</b>	22 h 21 min	85 bpm	0	1	7 h 27 min	143 bpm	2 h 10 min	14%	30% 33%	Findings

**Recorded Date** 05/15/2013 12:49 AM **Trigger Type** Trend **Symptoms** **Findings** ATRIAL FIBRILLATION(AVR 140 BPM)MULTIFOCAL PVCS **Rate** 43 - 43  
 05/15/2013 3:49 AM **Trigger Type** Trend **Symptoms** **Findings** ATRIAL FIBRILLATION(AVR 112), PVC **Rate** 83 - 88  
 05/15/2013 6:09 AM **Trigger Type** Trend **Symptoms** **Findings** SINUS BRADYCARDIA,1ST DEGREE BLOCK,PAF(128 BPM)ACCELERATED JUNCTIONAL RHYTHM,MULTIFOCAL PVCS **Rate** 44 - 62  
 05/15/2013 8:19 AM **Trigger Type** Trend **Symptoms** **Findings** ATRIAL FIBRILLATION(AVR 100 BPM)PVCs **Rate** 83 - 88  
 05/15/2013 11:08 PM **Trigger Type** Auto **Symptoms** AUTO-TRIGGER **Findings** SINUS RHYTHM, 1ST DEGREE BLK, PVCs **Rate** 44 - 62  
 05/15/2013 11:58 PM **Trigger Type** Trend **Symptoms** **Findings** SINUS RHYTHM, SINUS BRADYCARDIA, PAC **Rate** 44 - 62

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>10</b>	22 h 36 min	64 bpm	0	0				48%	1%	Findings

**Recorded Date** 05/16/2013 12:18 AM **Trigger Type** Trend **Symptoms** **Findings** SINUS ARRHYTHMIA, 1ST DEGREE BLK, PVC, PAC **Rate** 48 - 80  
 05/16/2013 4:58 AM **Trigger Type** Trend **Symptoms** **Findings** SINUS ARRHYTHMIA, 1ST DEGREE BLK, PACS, PAIR **Rate** 49 - 80

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>11</b>	24 h	55 bpm	0	0				78%		

**Recorded Date** 05/17/2013 12:20 AM **Trigger Type** Trend **Symptoms** **Findings** **Rate**

SINUS BRADYCARDIA, PVCs 39 - 39

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>12</b>	24 h	0 bpm	0	0						

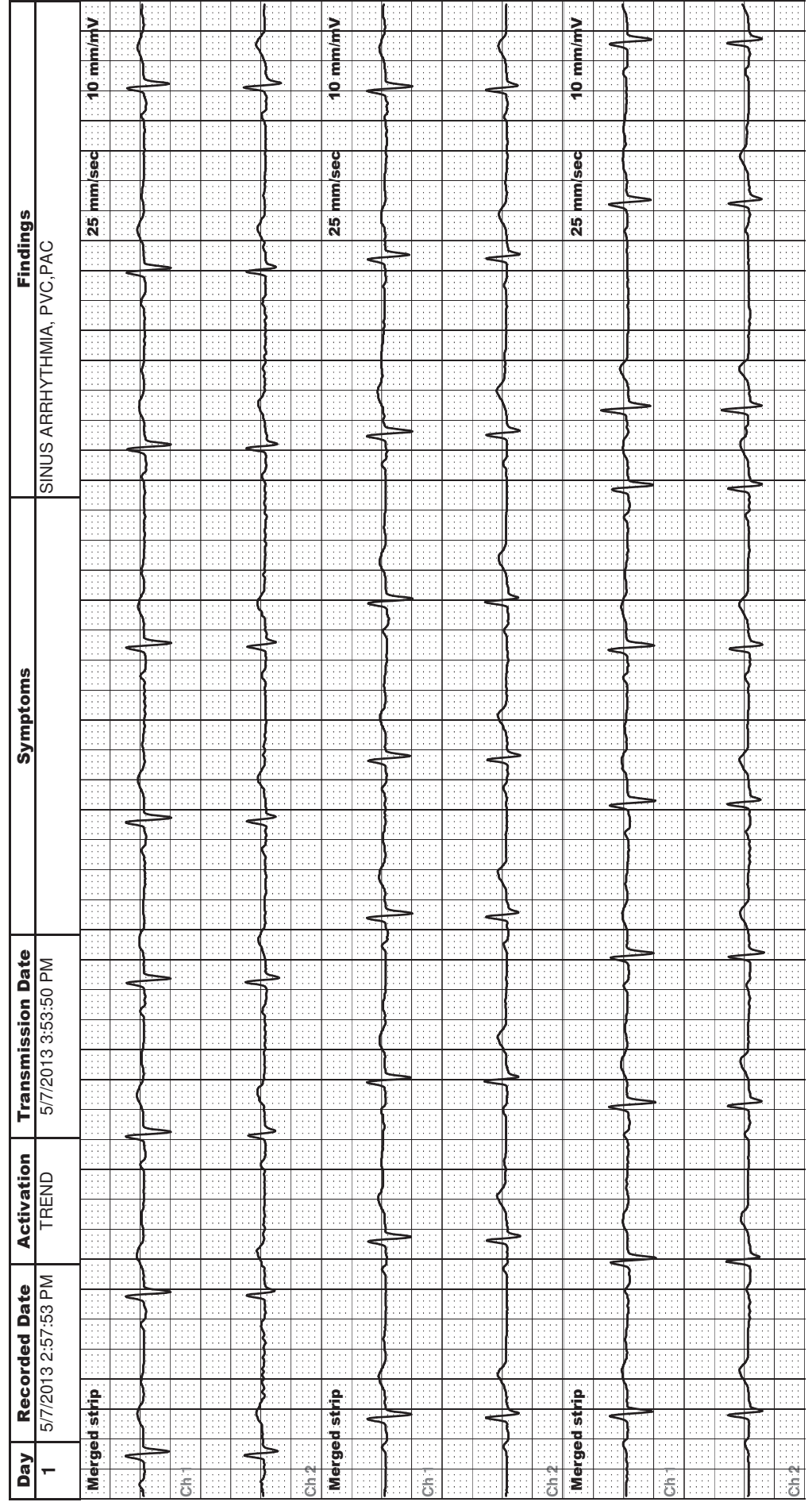
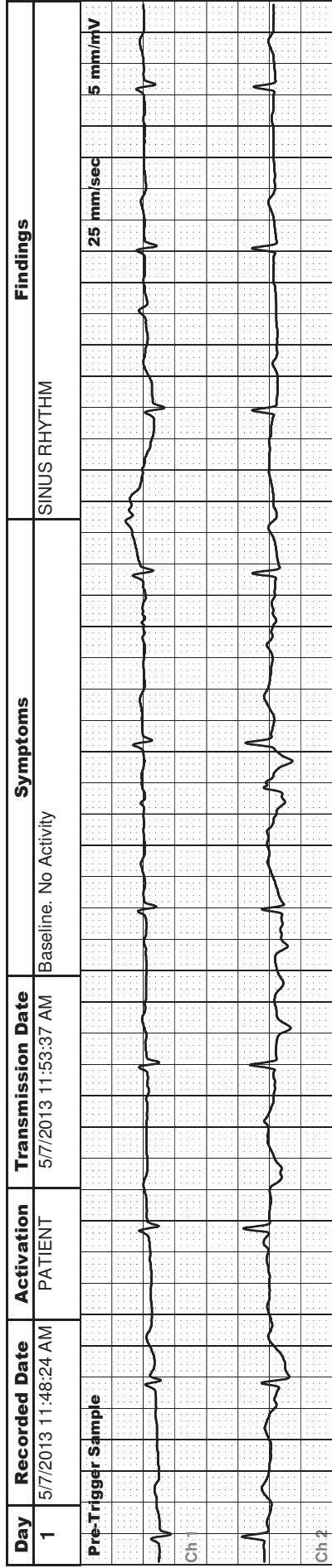
**Recorded Date** **Trigger Type** **Symptoms** **Findings** **Rate**

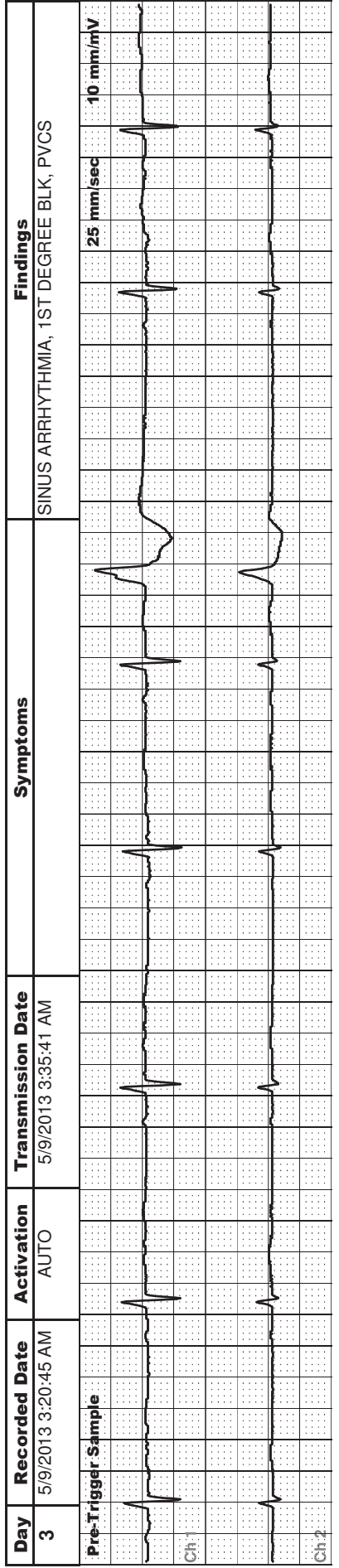
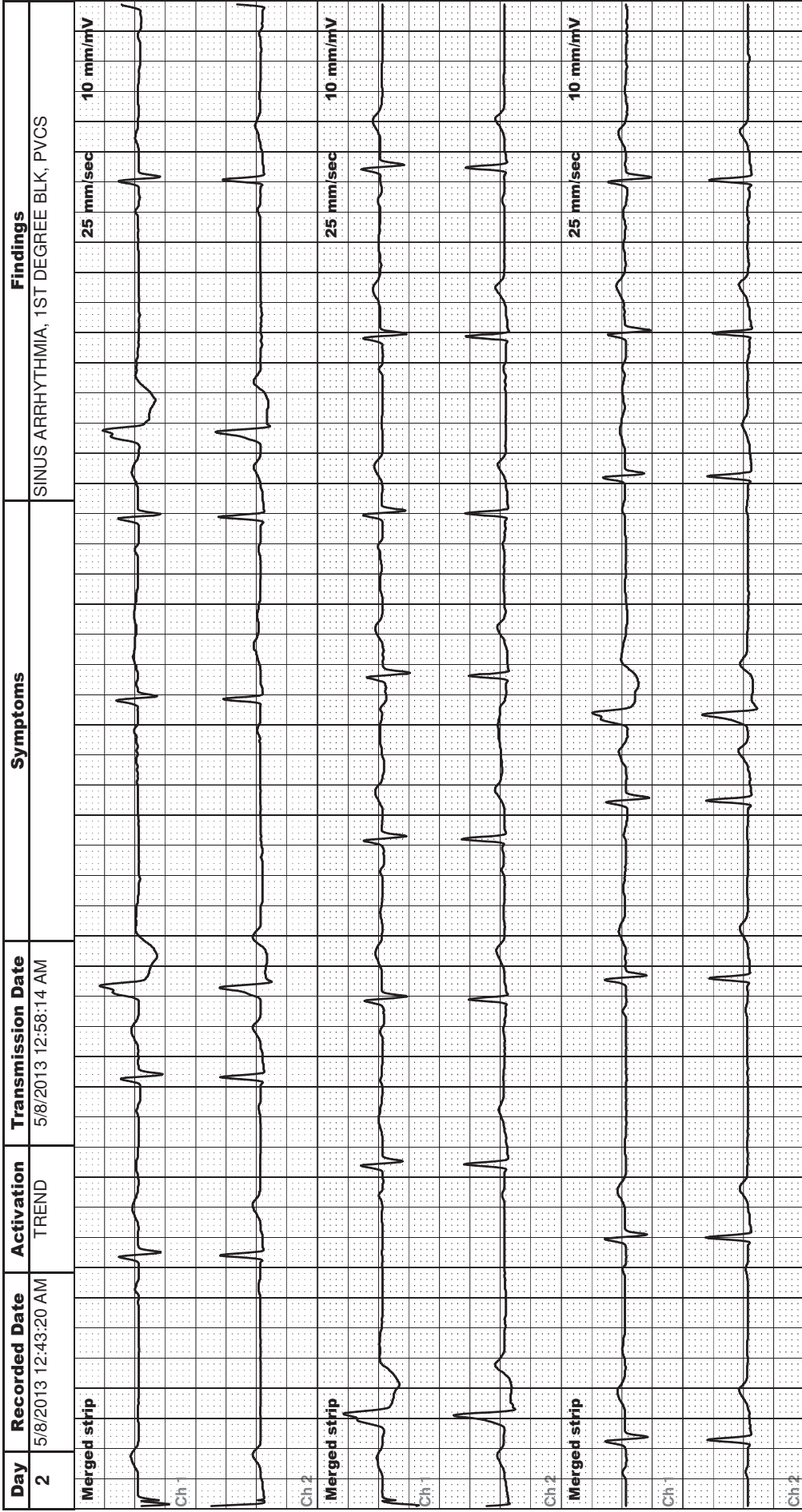
Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>13</b>	24 h	0 bpm	0	0						

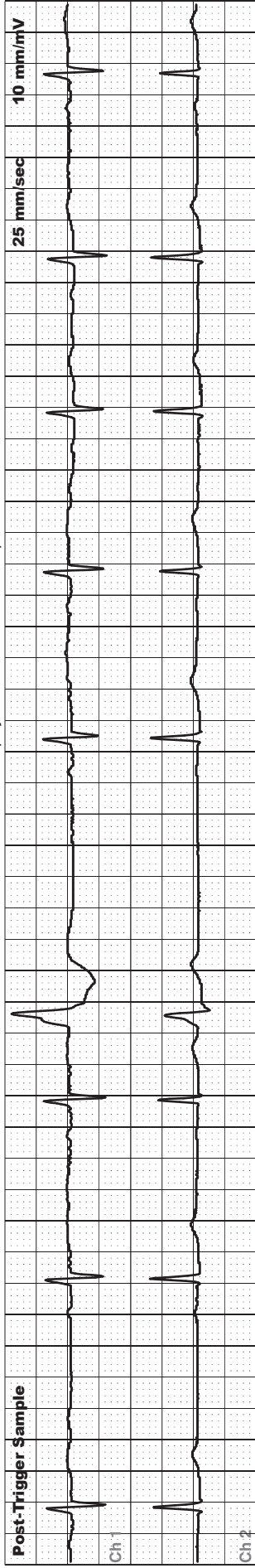
**Recorded Date** **Trigger Type** **Symptoms** **Findings** **Rate**

Day #	Monitoring Duration	Avg HR (bpm)	# of Activations		Time in AF	Max HR in AF	Longest AF Episode	Daily Percentage (%)		Findings
			Patient	Auto				Brady	Tachy	
<b>14</b>	4 h	0 bpm	0	0						

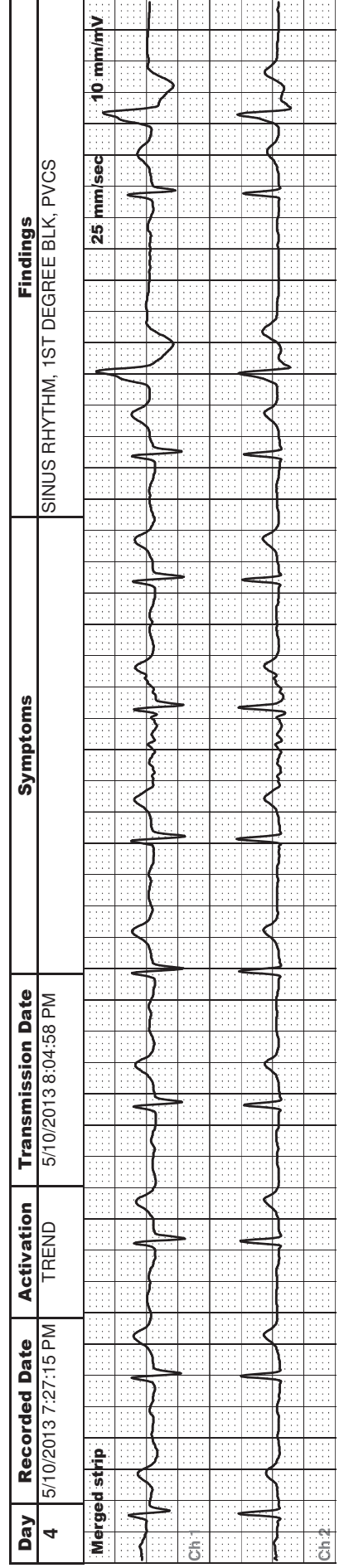
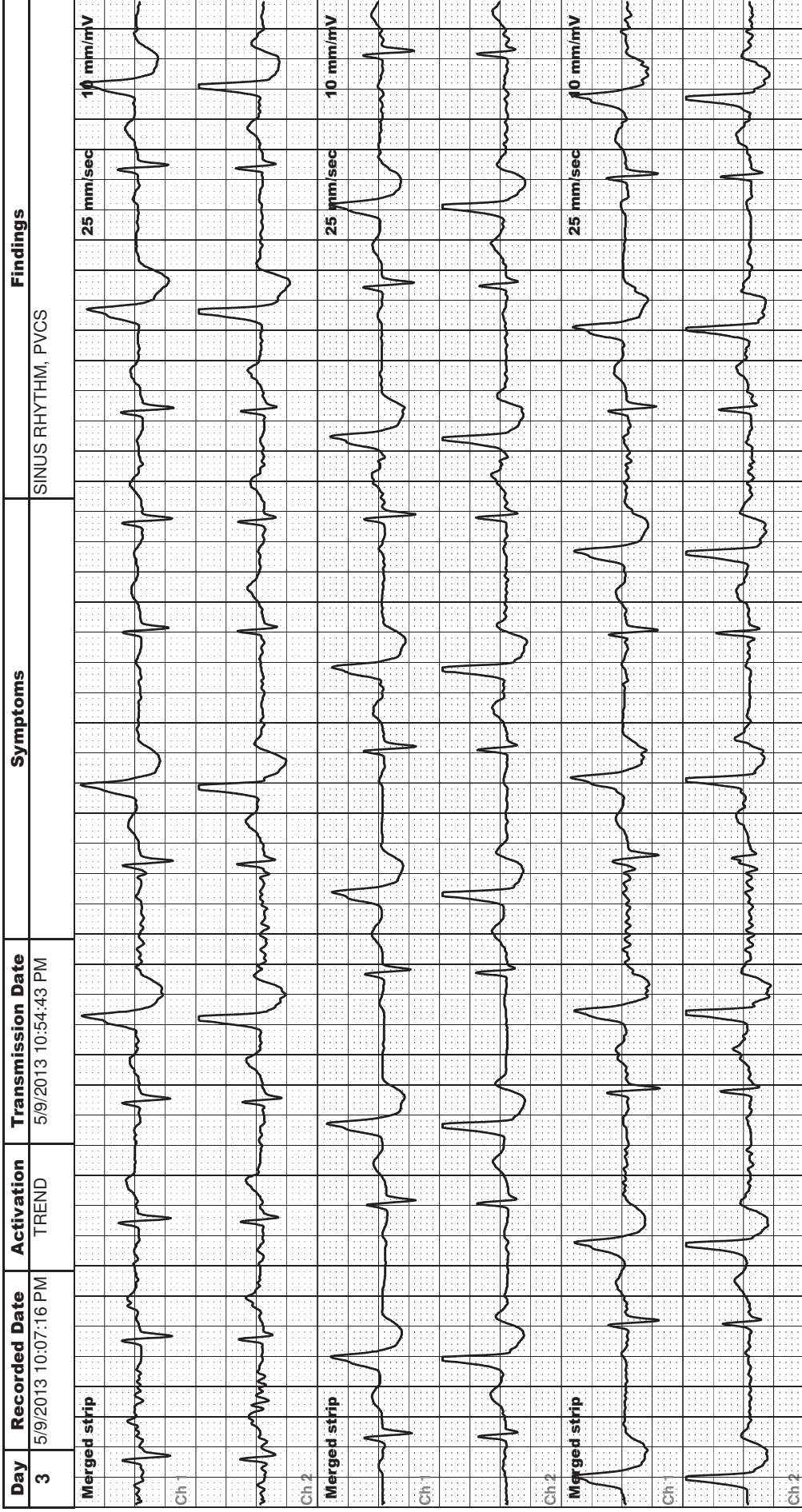
**Recorded Date** **Trigger Type** **Symptoms** **Findings** **Rate**



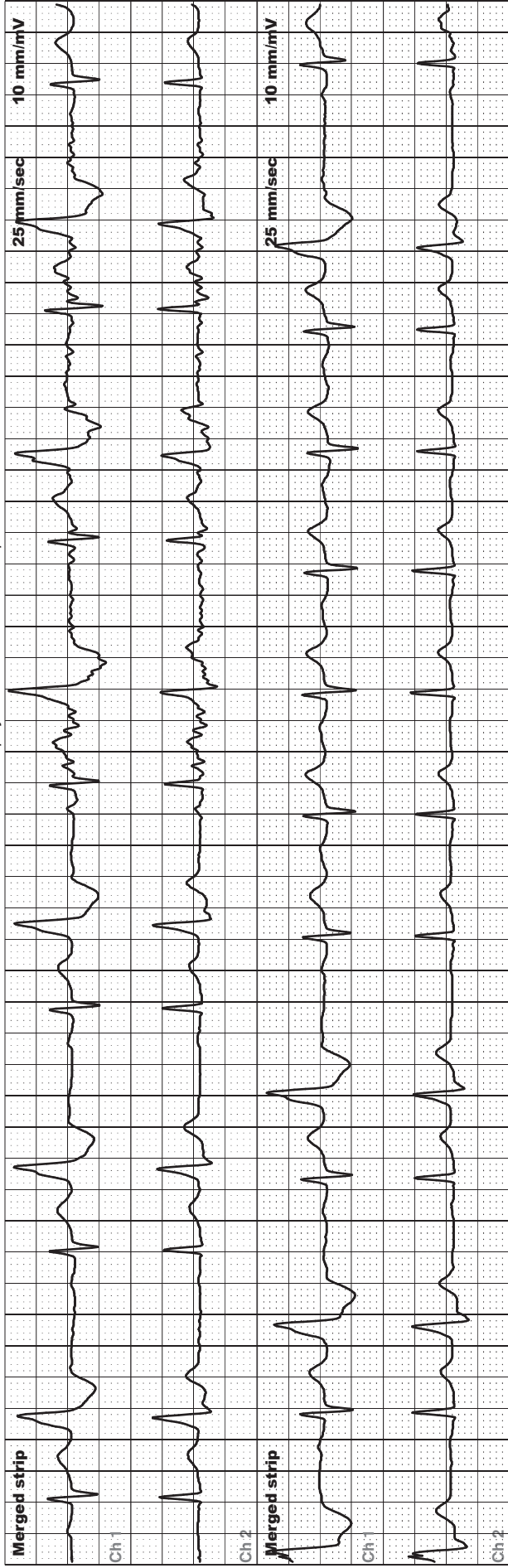




Day	Recorded Date	Activation	Transmission Date	Symptoms	Findings
3	5/9/2013 5:17:16 PM	TREND	5/9/2013 5:52:39 PM		SINUS RHYTHM, 1ST DEGREE BLK, PAC, PAT (136 BPM), ARTIFACT NOTED
Merged strip					
Ch 1					
Ch 2					
Merged strip					
Ch 1					
Ch 2					
Merged strip					
Ch 1					
Ch 2					



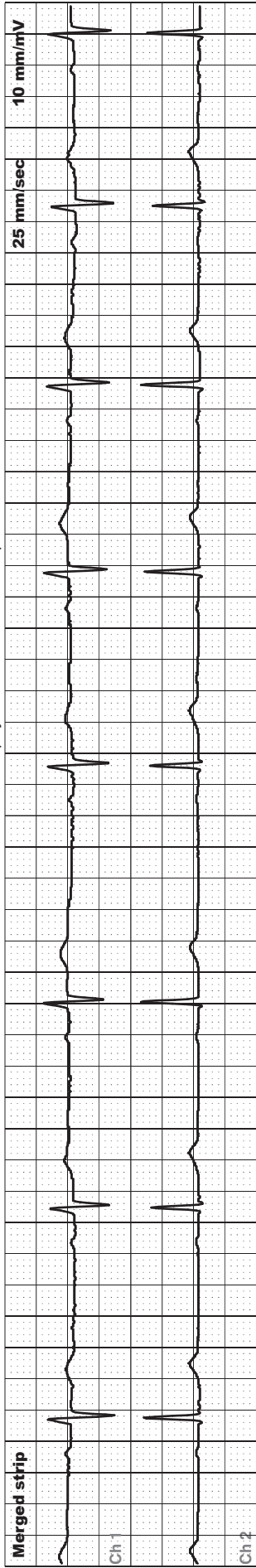




Day	Recorded Date	Activation	Transmission Date	Symptoms	Findings
5	5/11/2013 12:17:15 AM	TREND	5/11/2013 1:09:49 AM		SINUS BRADYCARDIA

The figure displays two ECG strips, labeled 'Merged strip' and 'Ch 2'. Each strip shows a regular sinus rhythm with a heart rate of approximately 50-60 bpm. The P waves are upright and followed by narrow QRS complexes. The scale is 25 mm/sec and 10 mm/mV.



Day	Recorded Date	Activation	Transmission Date	Symptoms	Findings
5	5/11/2013 7:02:11 PM	TREND	5/13/2013 4:17:43 PM		SINUS RHYTHM, PVC

