

# Cardiostaff Corporation

4014 Medical Parkway  
Austin, TX 78756  
1-800-747-4455

## Patient Information

Name: <b>Wolf, Jane</b>	Date Recorded: <b>6/25/2008 10:30:22</b>
ID #: <b>121</b> Second ID:	Date Processed: <b>7/1/2008</b>
Date Of Birth: <b>12/26/1996</b> Age: <b>11</b> Sex: <b>Female</b>	Scan Number: <b>253</b>
Referring Physician: <b>Smith, John M.D.</b>	Recorder: <b>H3Plus2.09Chan2Chan3Chan1</b>
Indications: <b>785.1 Palpitations</b>	Recorder No:
Medications:	
Analyst: <b>Judy Garcia</b> Hookup Tech:	

## Scan Criteria

SVPB Prematurity: <b>20 %</b>	Pause: <b>2000 msec</b>	Tachycardia: <b>120 BPM</b>
ST Segment Elevation: <b>200 <math>\mu</math>V</b>	Long RR/Pause: <b>All Beats</b>	Bradycardia: <b>50 BPM</b>
ST Segment Depression: <b>100 <math>\mu</math>V</b>	Pause Excluded From HR: <b>No</b>	Minimum Tachy/Brady: <b>3 min, 0 sec</b>

## Summary Statistics

Total QRS: **137453** Recording Duration: **24 hr, 0 min** Analyzed Data: **24 hr, 0 min**

### Rate Statistics:

Min Rate: **66 at 01:31:15**  
Max Rate: **159 at 12:00:35**  
Mean Rate: **96**

### Tachycardia/Bradycardia Episodes:

Longest Tachycardia: **0:03:00, 139 BPM Avg at 20:19:12**  
Fastest Tachycardia: **0:03:00, 139 BPM Avg at 20:19:12**  
Longest Bradycardia:  
Slowest Bradycardia:

### Supraventricular Ectopy:

Singles: **0**  
Couplets: **0**  
Runs: **0**

### Ventricular Ectopy:

Singles: **16772**  
Couplets: **4**  
Runs: **0**

Total: **0**

R on T: **0**  
Total: **16780**

### Pauses:

Longest RR: **1.33 sec at 01:21:07** # RRs > 2.0 sec: **0**

### Comment:

1. The basic rhythm was sinus rhythm with minimal (7%) RR variability. Frequent Sinus tachycardia was observed predominately during waking hours . Rare sinus arrhythmia was noted.
2. There were no significant pauses or arrests noted.
3. There were no supraventricular ectopics noted.
4. There were [16,780] isolated ventricular ectopics including [4] pairs and no runs. Trigeminal and quadrigeminal rhythms were observed.
5. No symptoms were reported.

Reviewing Physician \_\_\_\_\_

# Rhythm Profile

Period	Heart Rate			Supraventricular Ectopy					Ventricular Ectopy					
	Min	Mean	Max	Run Length			Max	Total	Run Length			Max	RonT	Total
				1	2	3+	Run		1	2	3+	Run		
10:30 - 11:00	80	98	132	-	-	-	-	0	387	-	-	-	-	387
11:00 - 12:00	83	110	154	-	-	-	-	0	466	-	-	-	-	466
12:00 - 13:00	86	111	159	-	-	-	-	0	351	-	-	-	-	351
13:00 - 14:00	87	116	159	-	-	-	-	0	226	2	-	-	-	230
14:00 - 15:00	87	106	149	-	-	-	-	0	569	-	-	-	-	569
15:00 - 16:00	87	109	148	-	-	-	-	0	656	2	-	-	-	660
16:00 - 17:00	83	99	130	-	-	-	-	0	1091	-	-	-	-	1091
17:00 - 18:00	82	95	135	-	-	-	-	0	1076	-	-	-	-	1076
18:00 - 19:00	82	102	139	-	-	-	-	0	1016	-	-	-	-	1016
19:00 - 20:00	88	103	150	-	-	-	-	0	1023	-	-	-	-	1023
20:00 - 21:00	84	106	151	-	-	-	-	0	906	-	-	-	-	906
21:00 - 22:00	82	100	141	-	-	-	-	0	998	-	-	-	-	998
22:00 - 23:00	73	87	121	-	-	-	-	0	951	-	-	-	-	951
23:00 - 00:00	71	83	116	-	-	-	-	0	788	-	-	-	-	788
00:00 - 01:00	66	81	117	-	-	-	-	0	407	-	-	-	-	407
01:00 - 02:00	66	79	110	-	-	-	-	0	517	-	-	-	-	517
02:00 - 03:00	66	79	117	-	-	-	-	0	683	-	-	-	-	683
03:00 - 04:00	66	79	126	-	-	-	-	0	333	-	-	-	-	333
04:00 - 05:00	67	82	124	-	-	-	-	0	494	-	-	-	-	494
05:00 - 06:00	66	87	117	-	-	-	-	0	664	-	-	-	-	664
06:00 - 07:00	71	96	139	-	-	-	-	0	460	-	-	-	-	460
07:00 - 08:00	84	105	145	-	-	-	-	0	560	-	-	-	-	560
08:00 - 09:00	75	93	143	-	-	-	-	0	812	-	-	-	-	812
09:00 - 10:00	72	91	127	-	-	-	-	0	814	-	-	-	-	814
10:00 - 10:30	80	95	137	-	-	-	-	0	524	-	-	-	-	524
Summary	66	96	159	0	0	0	-	0	16772	4	0	-	0	16780

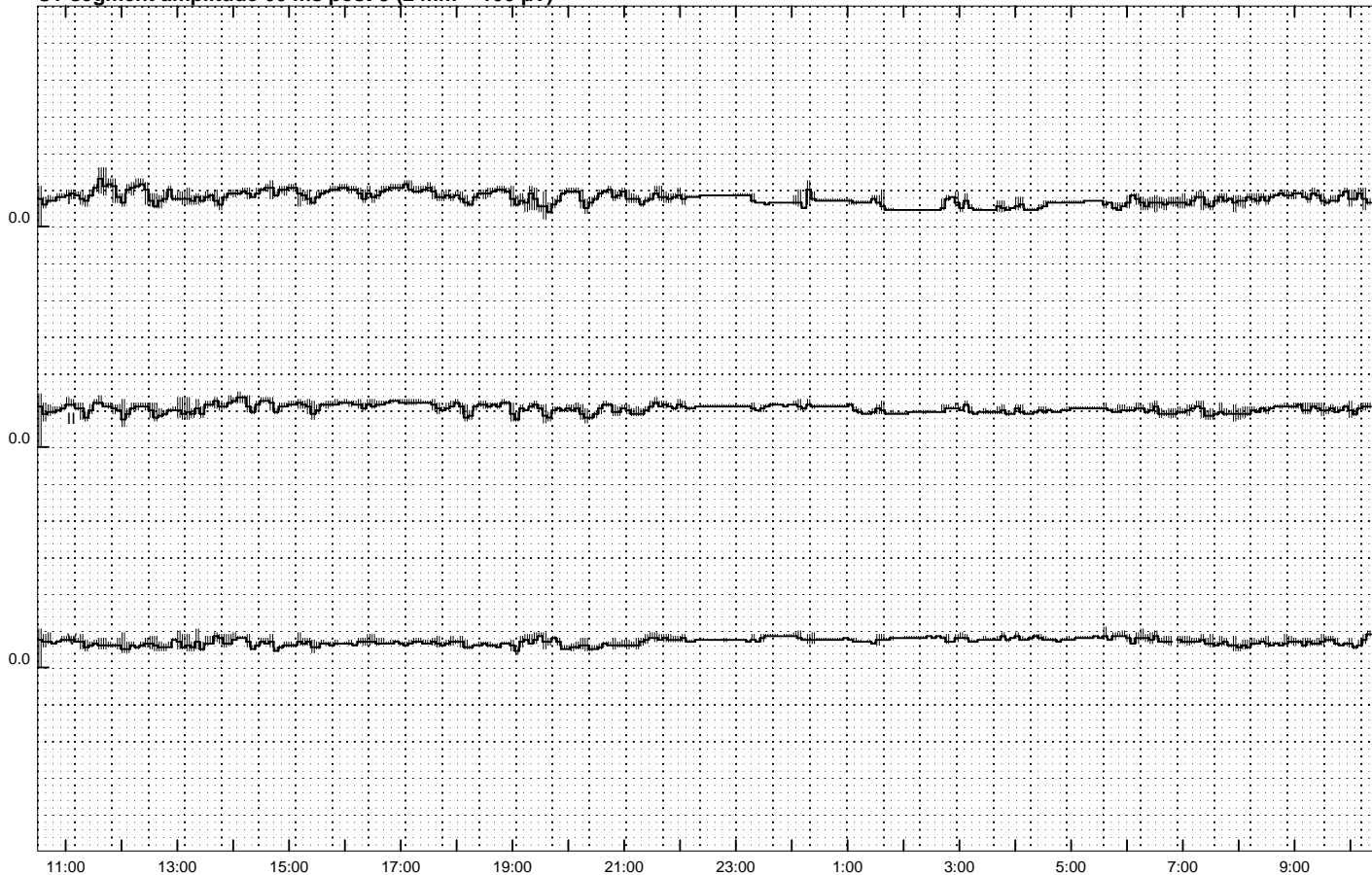
Period	Heart Rate			Pauses				RR Variance			Paced Beats					
	Min	Mean	Max	Tachy		Brady		Max	rr50	rms-SD	M-SD	Atrial	Capt			Ovr-Sen
				#	%	#	%	RR					Total	ms	ms	
10:30 - 11:00	80	98	132	189	6	0	0	0.95	-	7	30	59	-	-	-	-
11:00 - 12:00	83	110	154	1189	18	0	0	0.87	-	3	19	43	-	-	-	-
12:00 - 13:00	86	111	159	1458	22	0	0	0.83	-	5	22	45	-	-	-	-
13:00 - 14:00	87	116	159	2356	34	0	0	0.92	-	5	23	51	-	-	-	-
14:00 - 15:00	87	106	149	828	13	0	0	1.01	-	7	29	40	-	-	-	-
15:00 - 16:00	87	109	148	987	15	0	0	0.94	-	6	25	39	-	-	-	-
16:00 - 17:00	83	99	130	176	3	0	0	0.96	-	13	35	48	-	-	-	-
17:00 - 18:00	82	95	135	138	2	0	0	0.97	-	18	41	52	-	-	-	-
18:00 - 19:00	82	102	139	502	8	0	0	0.91	-	8	29	47	-	-	-	-
19:00 - 20:00	88	103	150	757	12	0	0	0.86	-	5	25	45	-	-	-	-
20:00 - 21:00	84	106	151	1325	21	0	0	1.04	-	10	30	49	-	-	-	-
21:00 - 22:00	82	100	141	755	13	0	0	0.90	-	7	27	50	-	-	-	-
22:00 - 23:00	73	87	121	20	0	0	0	1.09	-	1	21	27	-	-	-	-
23:00 - 00:00	71	83	116	0	0	0	0	1.13	-	3	25	33	-	-	-	-
00:00 - 01:00	66	81	117	0	0	0	0	1.15	-	5	33	52	-	-	-	-
01:00 - 02:00	66	79	110	0	0	0	0	1.33	-	8	42	61	-	-	-	-
02:00 - 03:00	66	79	117	0	0	0	0	1.20	-	6	32	41	-	-	-	-
03:00 - 04:00	66	79	126	20	0	0	0	1.18	-	12	39	69	-	-	-	-
04:00 - 05:00	67	82	124	20	0	0	0	1.15	-	7	31	55	-	-	-	-
05:00 - 06:00	66	87	117	0	0	0	0	1.07	-	2	23	39	-	-	-	-
06:00 - 07:00	71	96	139	697	12	0	0	1.01	-	5	26	71	-	-	-	-
07:00 - 08:00	84	105	145	1186	19	0	0	0.98	-	4	22	58	-	-	-	-
08:00 - 09:00	75	93	143	323	6	0	0	1.07	-	15	40	62	-	-	-	-
09:00 - 10:00	72	91	127	41	1	0	0	1.08	-	15	41	60	-	-	-	-
10:00 - 10:30	80	95	137	97	3	0	0	0.95	-	8	31	48	-	-	-	-
Summary	66	96	159	13064	10	0	0	1.33	0	7	30	49	0	0	0	0

# Tachycardia Episodes

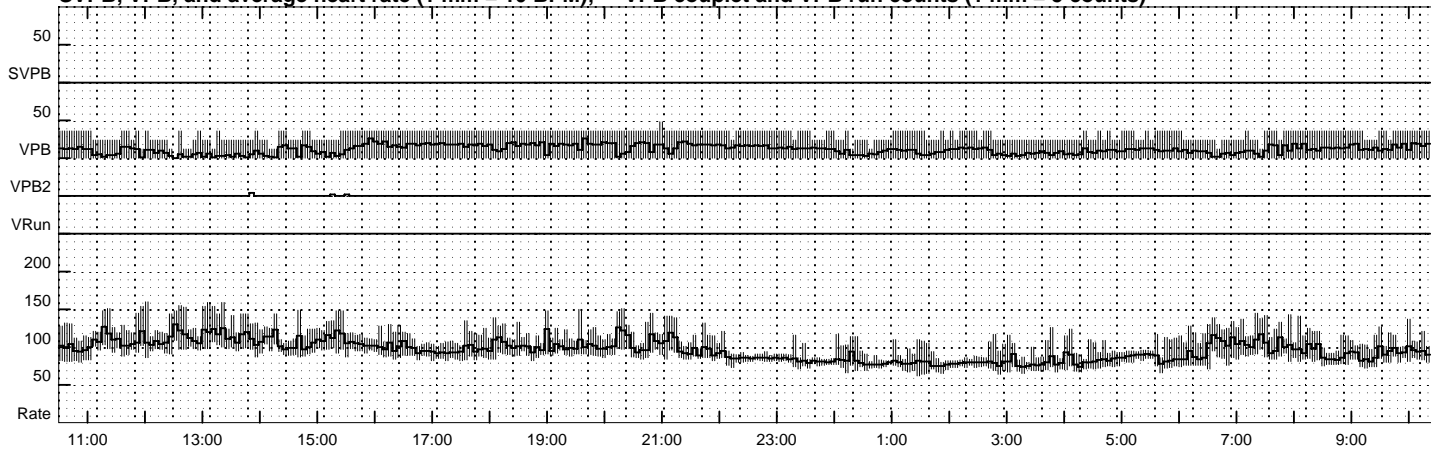
<u>Onset</u>	<u>End</u>	<u>Duration</u> (H:MM:SS)	<u>Max HR</u> (BPM)	<u>Avg HR</u> (BPM)	<u>Total QRS</u>
20:19:12	20:22:12	0:03:00	151	139	413

# ST, Arrhythmia, Rate, & RR Interval Trends

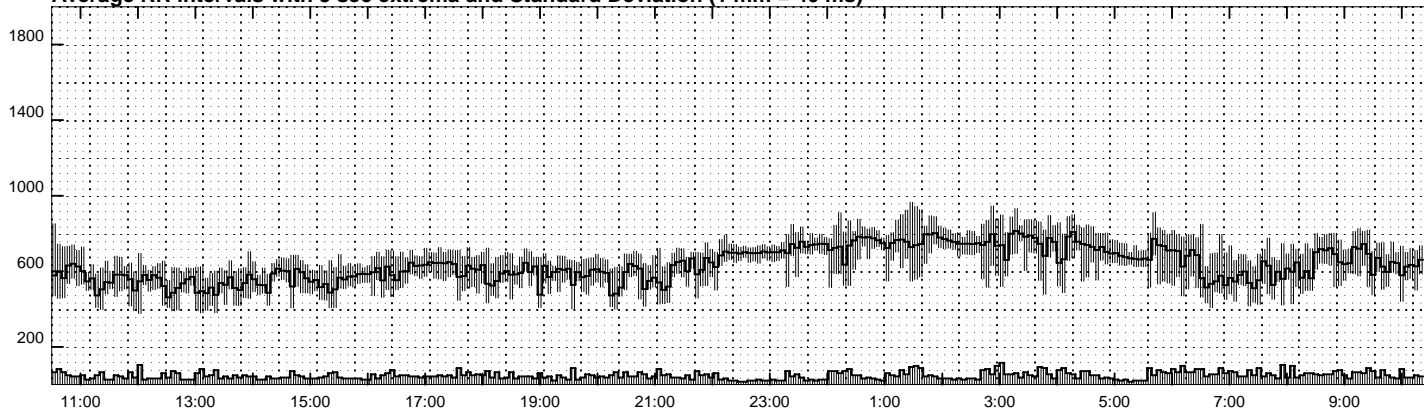
ST segment amplitude 60 ms post-J (2 mm = 100  $\mu$ V)



SVPB, VPB, and average heart rate (1 mm = 10 BPM); VPB couplet and VPB run counts (1 mm = 5 counts)



Average RR intervals with 5 sec extrema and Standard Deviation (1 mm = 40 ms)

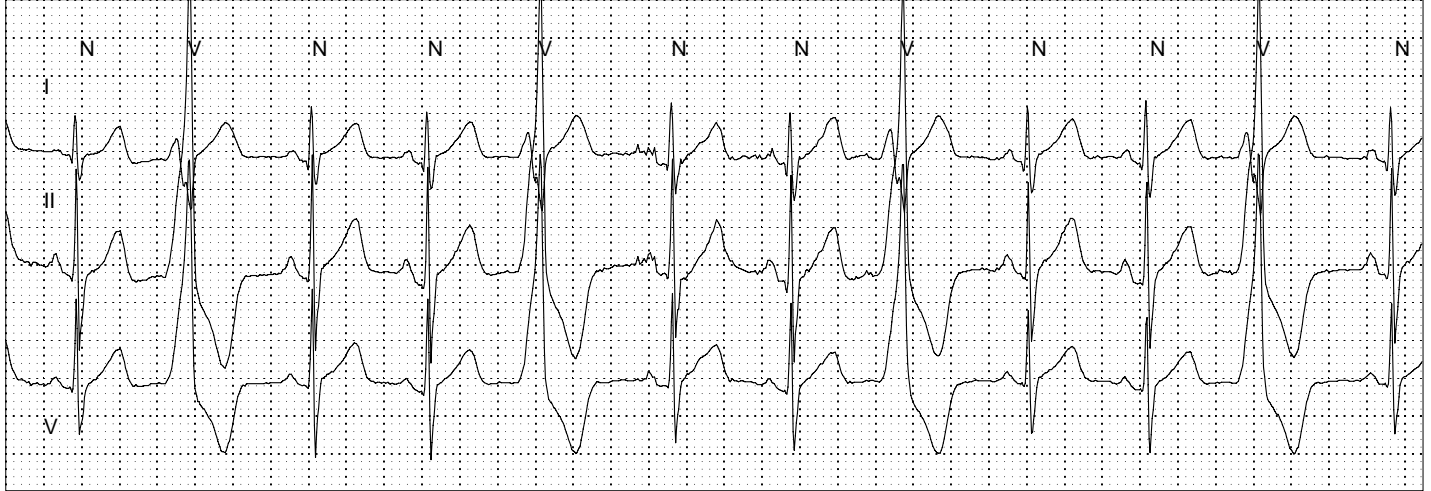


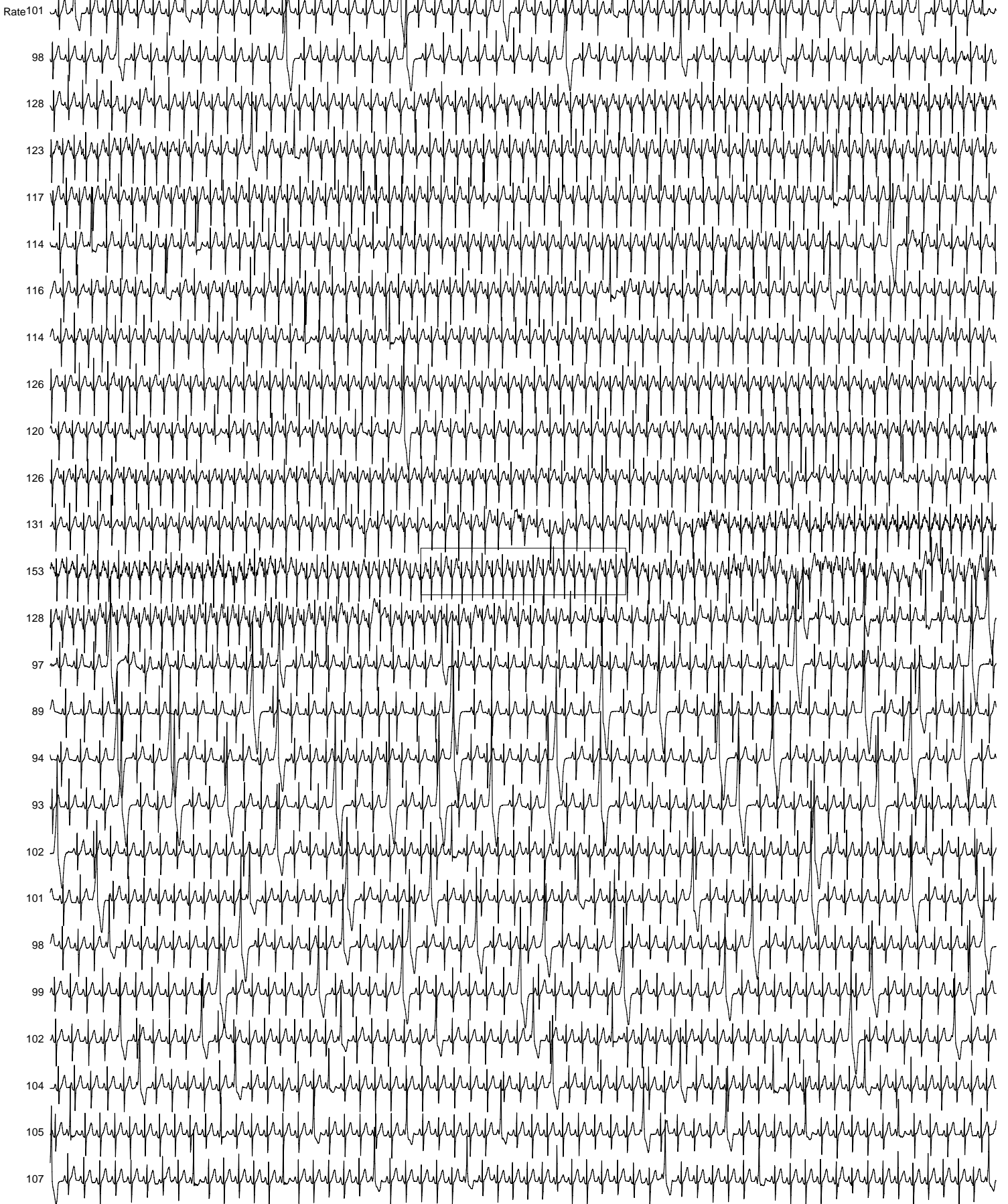
# Table of Examples

<u>Time</u>	<u>Leads</u>	<u>Page</u>	<u>Strip Annotation</u>
10:30:30 6/25/2008	I, II, V	6	Ventricular Trigeminy
11:53:26 6/25/2008	II	7	Max. 5 sec Heart Rate (Tachycardia), 159 BPM (15 min)
12:00:07 6/25/2008	I, II, V	8	Tachycardia
12:00:35 6/25/2008	I, II, V	8	Max. 5 sec Heart Rate (Tachycardia), 159 BPM & Short RR 0.37 sec
12:01:06 6/25/2008	I, II, V	8	Tachycardia
13:09:40 6/25/2008	I, II, V	9	Tachycardia
13:54:39 6/25/2008	I, II, V	9	Ventricular Couplet
15:33:03 6/25/2008	I, II, V	9	Ventricular Couplet
16:33:27 6/25/2008	I, II, V	10	Ventricular Quadrigeminy
17:55:45 6/25/2008	I, II, V	10	Tachycardia
20:21:20 6/25/2008	I, II, V	11	Tachycardia
01:21:07 6/26/2008	I, II, V	11	Long RR, 1.33 sec
01:31:12 6/26/2008	I, II, V	11	Arrhythmia
01:31:15 6/26/2008	I, II, V	12	Min. 5 sec Heart Rate, 66 BPM
02:57:36 6/26/2008	I, II, V	12	Sinus arrhythmia
03:07:47 6/26/2008	I, II, V	12	Max. 5 min RR Variability, 116 ms
03:56:53 6/26/2008	I, II, V	13	Sinus arrhythmia
10:20:58 6/26/2008	I, II, V	13	Ventricular Trigeminy

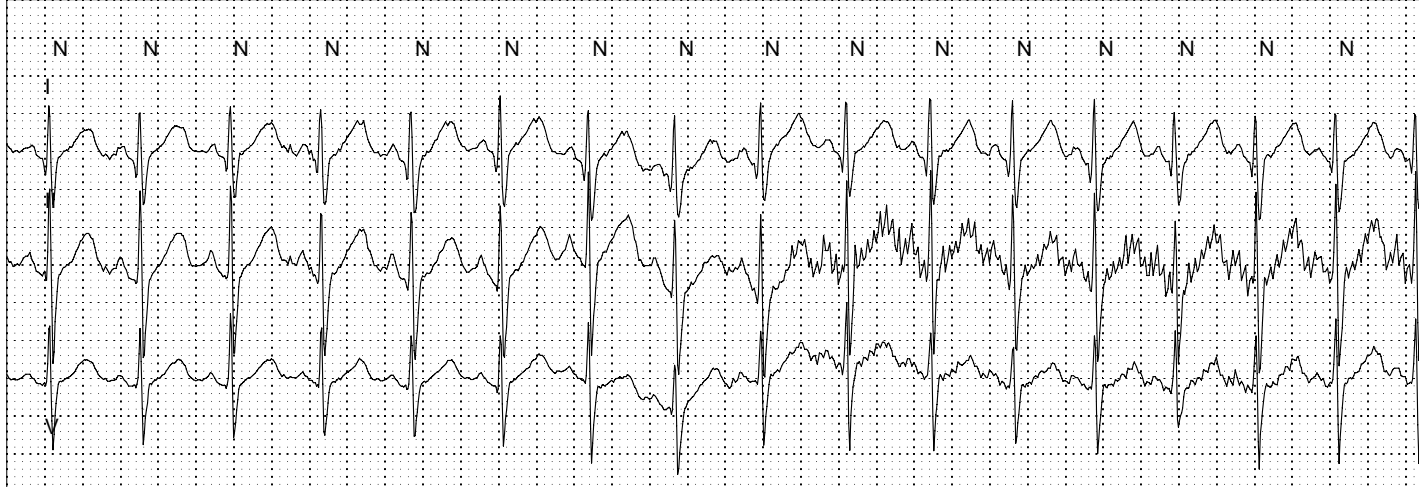
Ventricular Trigeminy

Rate 95 BPM 10 mm/mV 10:30:30 6/25/2008

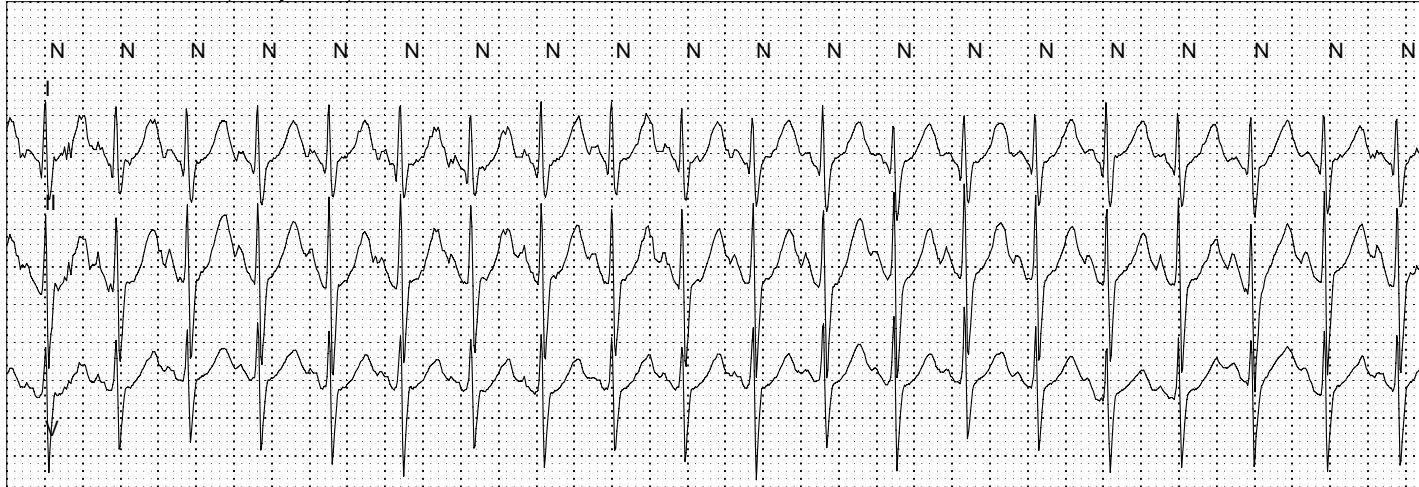




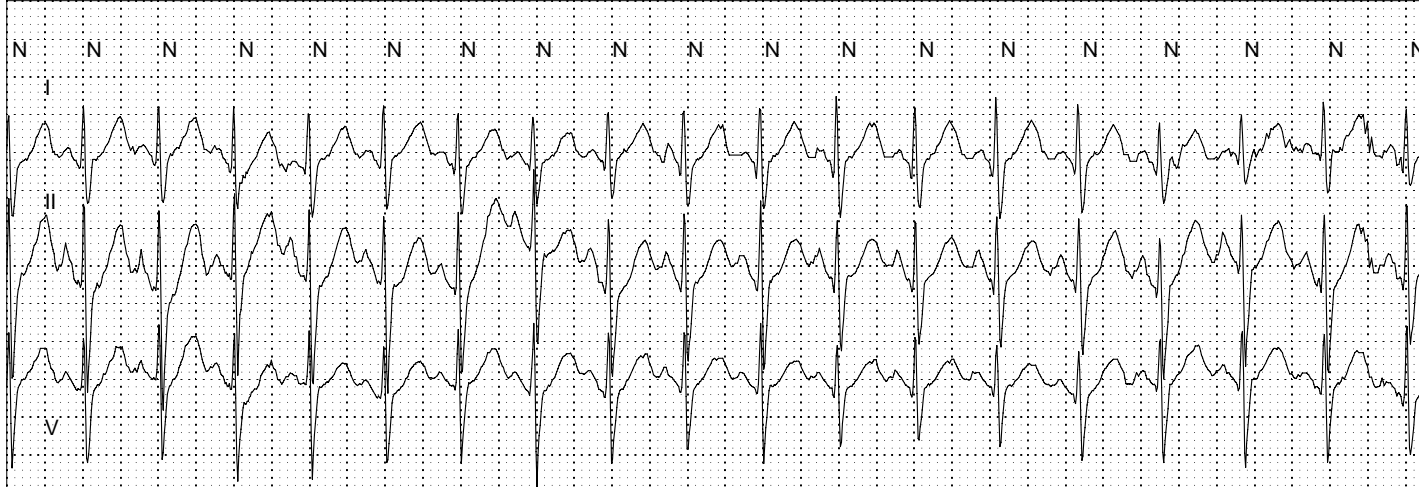
Tachycardia Rate 133 BPM 10 mm/mV 12:00:07 6/25/2008



Max. 5 sec Heart Rate (Tachycardia), 159 BPM & Short RR 0.37 sec Rate 159 BPM 10 mm/mV 12:00:35 6/25/2008

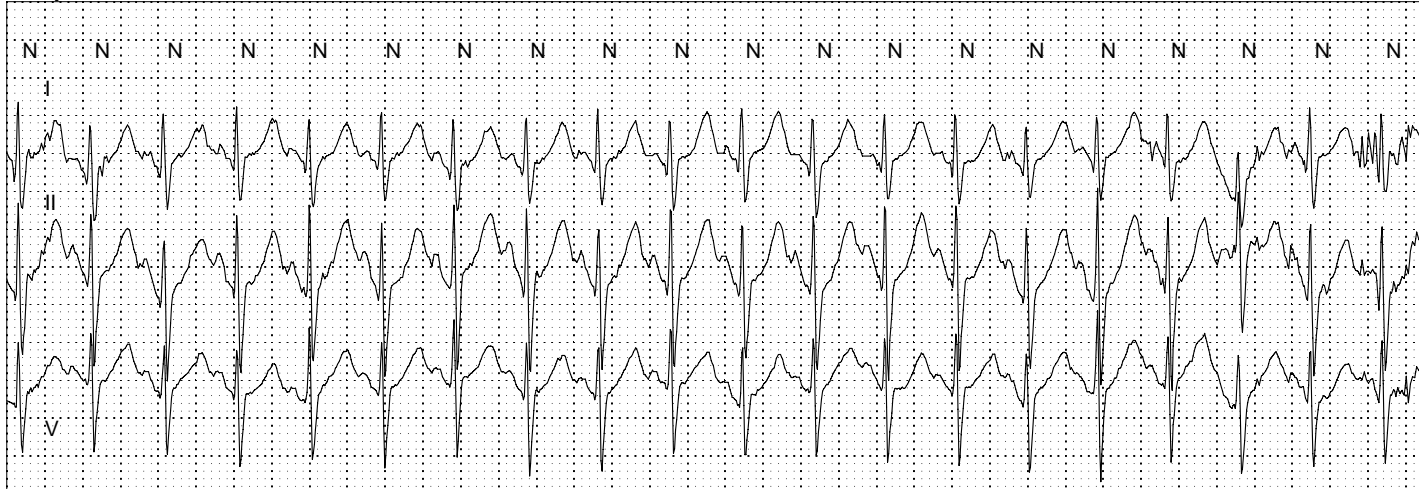


Tachycardia Rate 146 BPM 10 mm/mV 12:01:06 6/25/2008



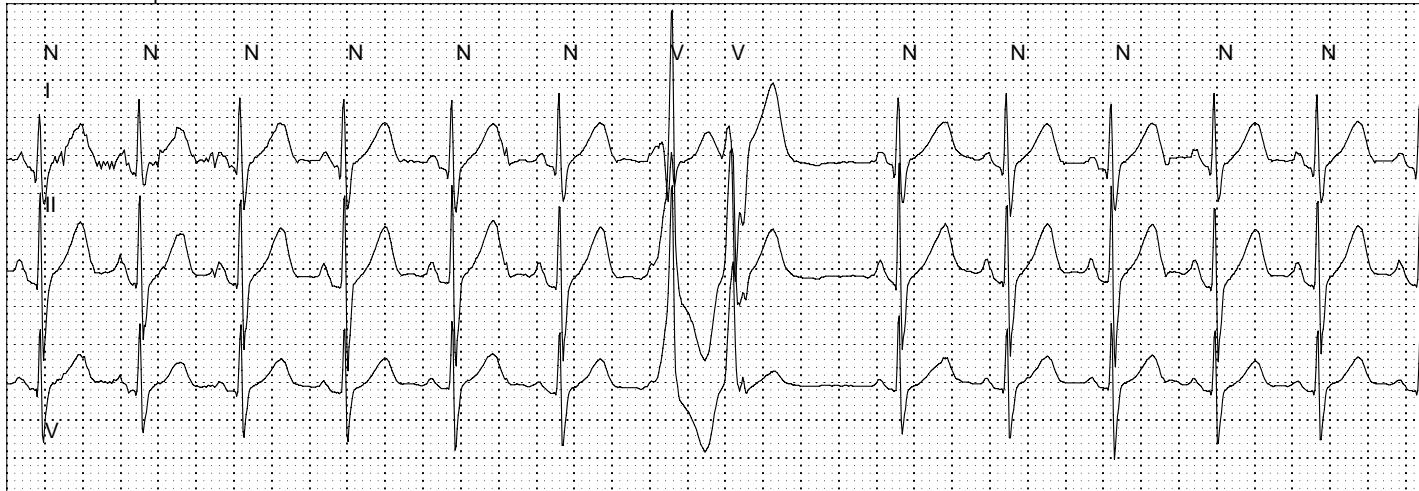
Tachycardia

Rate 158 BPM 10 mm/mV 13:09:40 6/25/2008



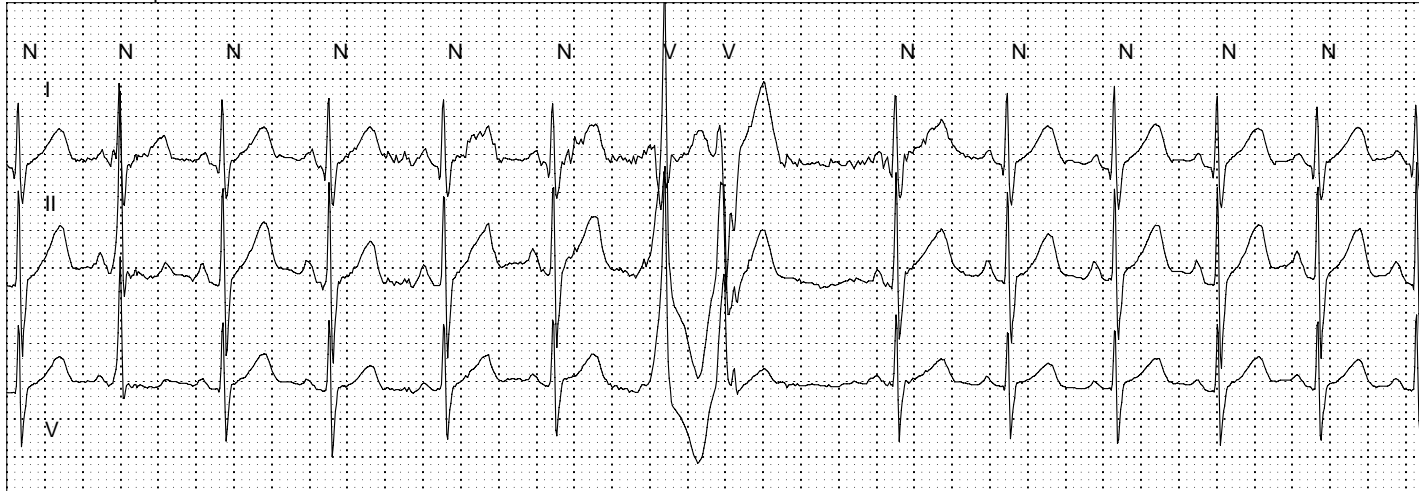
Ventricular Couplet

Rate 106 BPM 10 mm/mV 13:54:39 6/25/2008



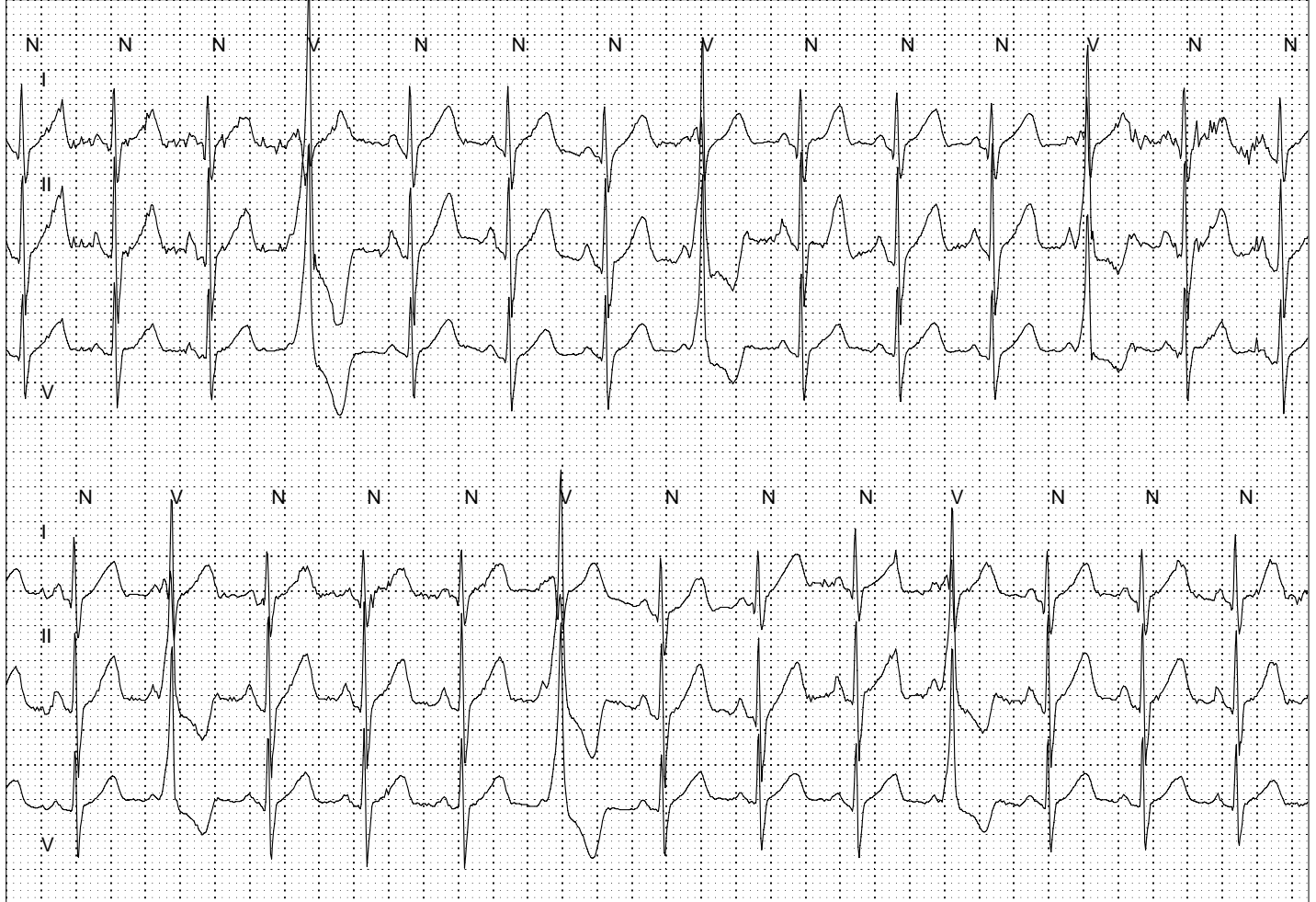
Ventricular Couplet

Rate 105 BPM 10 mm/mV 15:33:03 6/25/2008



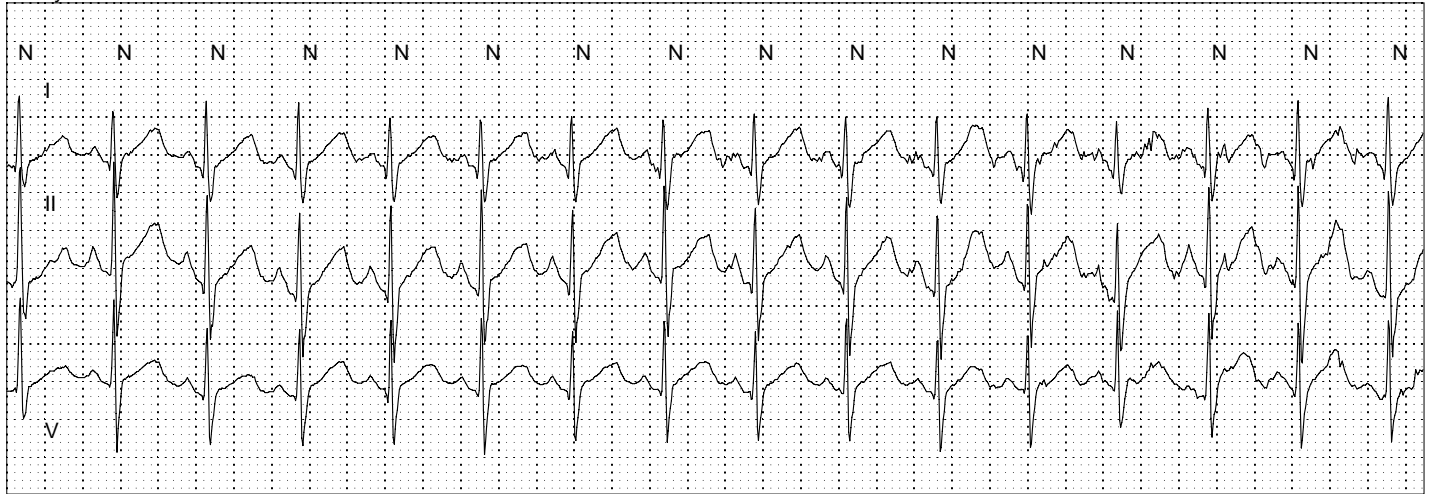
Ventricular Quadrigeminy

Rate 108 BPM 10 mm/mV 16:33:27 6/25/2008



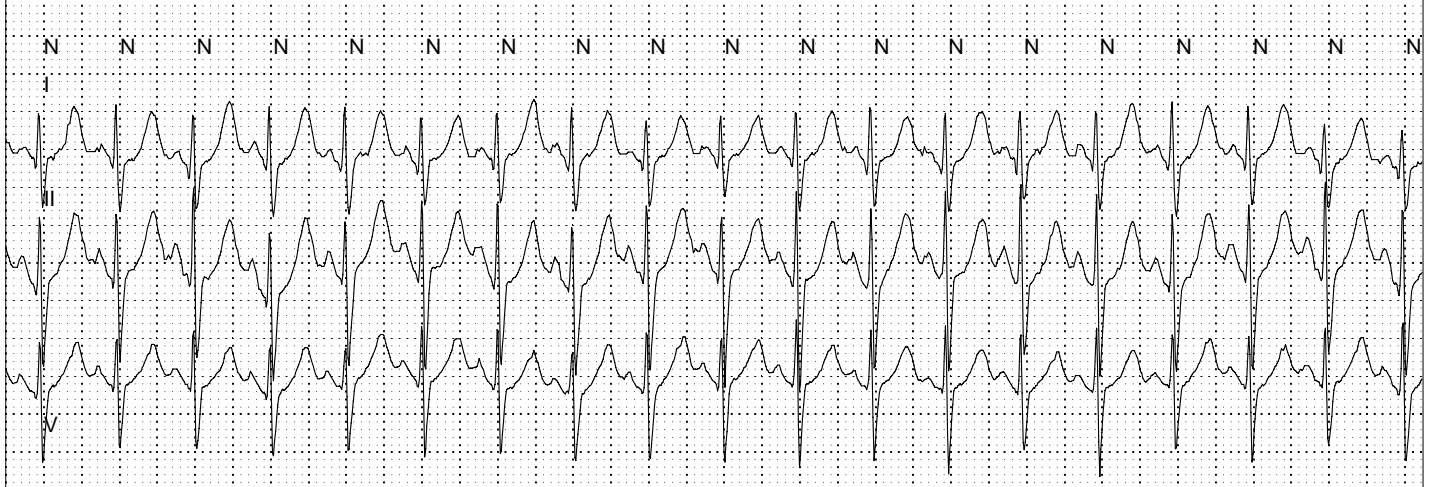
Tachycardia

Rate 124 BPM 10 mm/mV 17:55:45 6/25/2008



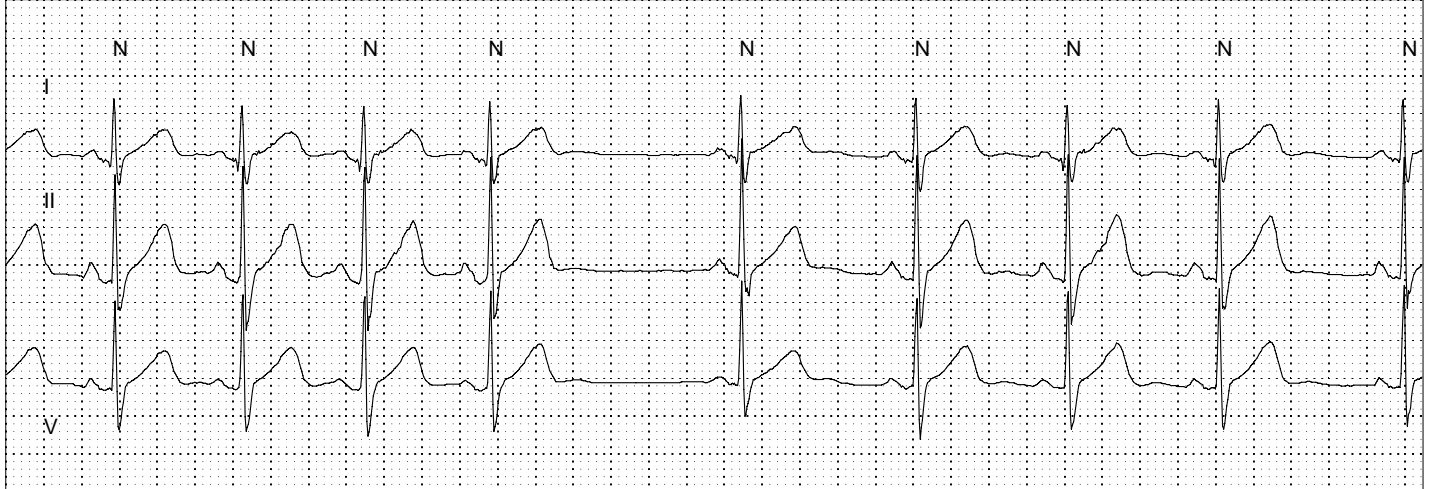
Tachycardia

Rate 150 BPM 10 mm/mV 20:21:20 6/25/2008



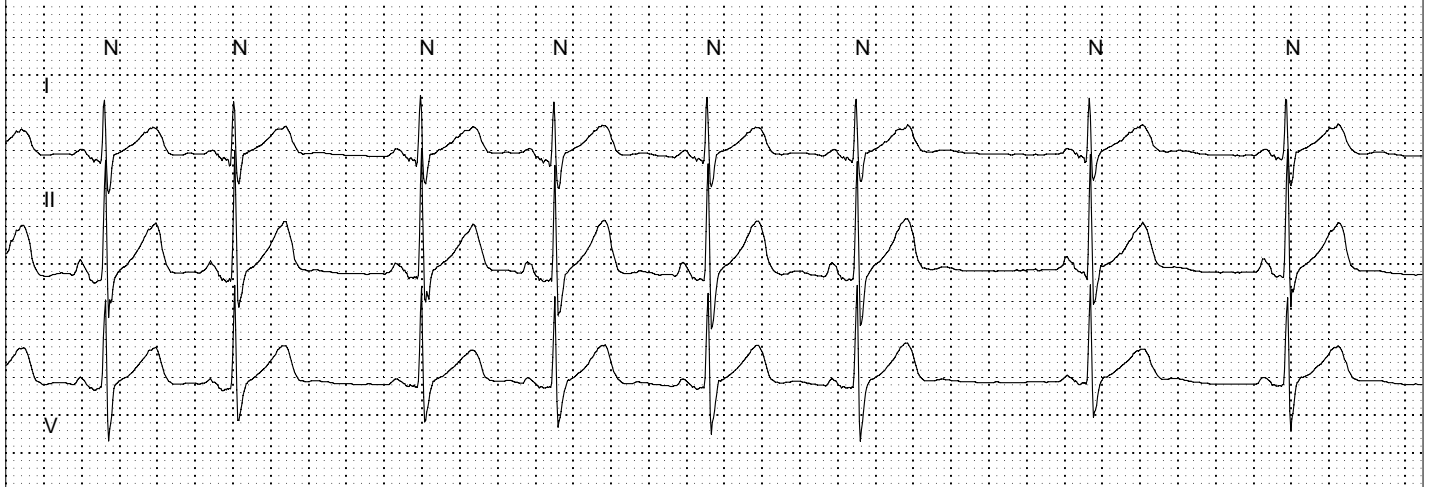
Long RR, 1.33 sec

Rate 70 BPM 10 mm/mV 01:21:07 6/26/2008



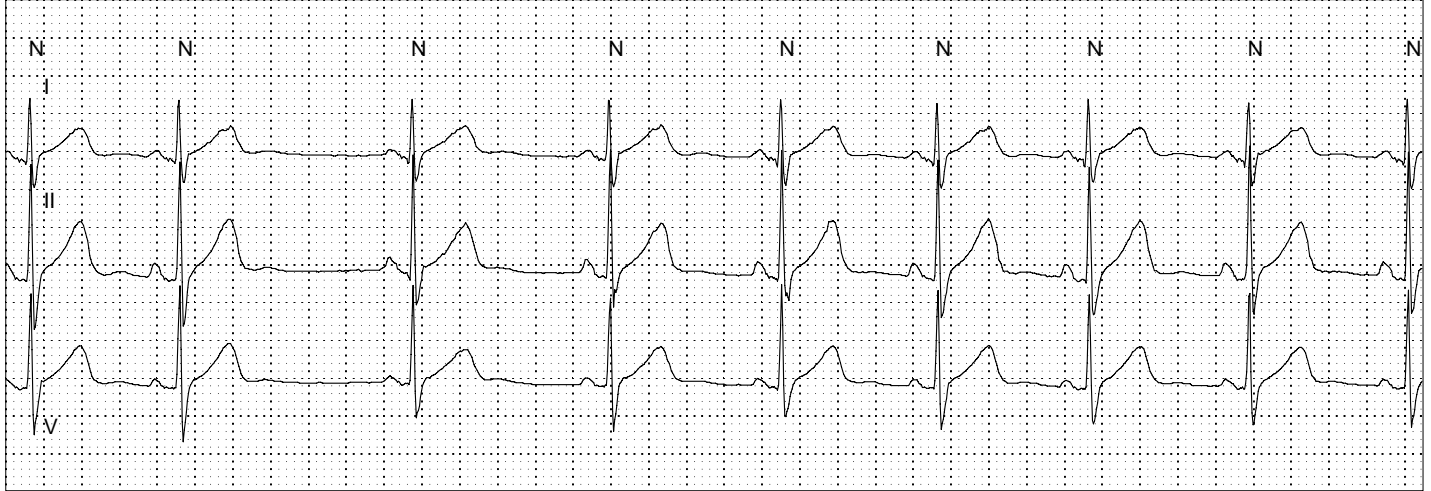
Arrhythmia

Rate 67 BPM 10 mm/mV 01:31:12 6/26/2008



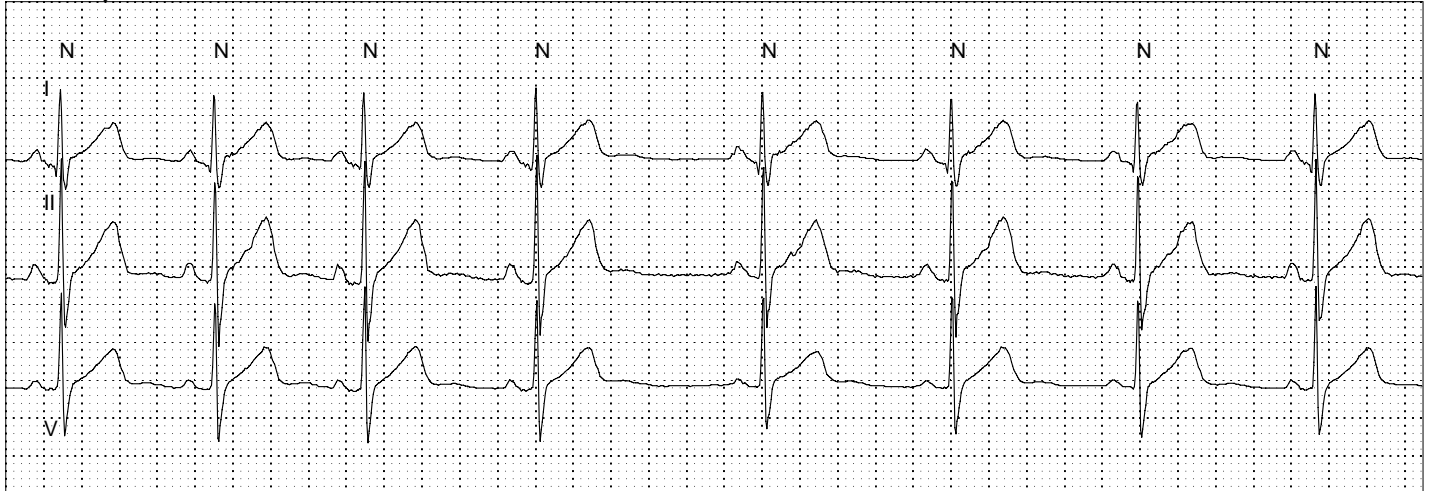
Min. 5 sec Heart Rate, 66 BPM

Rate 66 BPM 10 mm/mV 01:31:15 6/26/2008



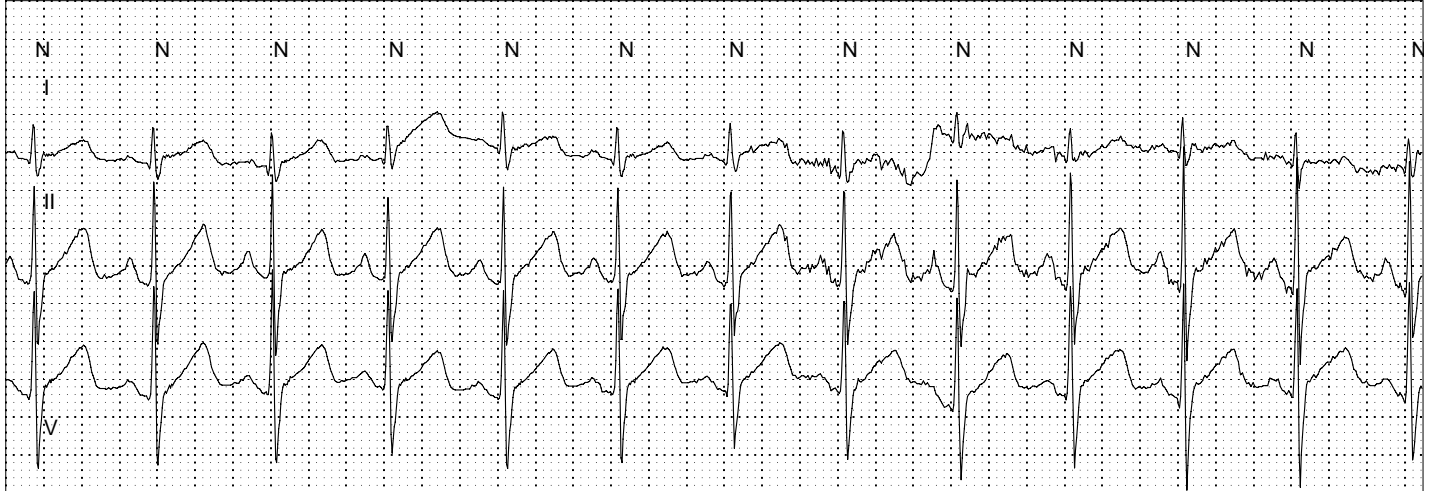
Sinus arrhythmia

Rate 63 BPM 10 mm/mV 02:57:36 6/26/2008



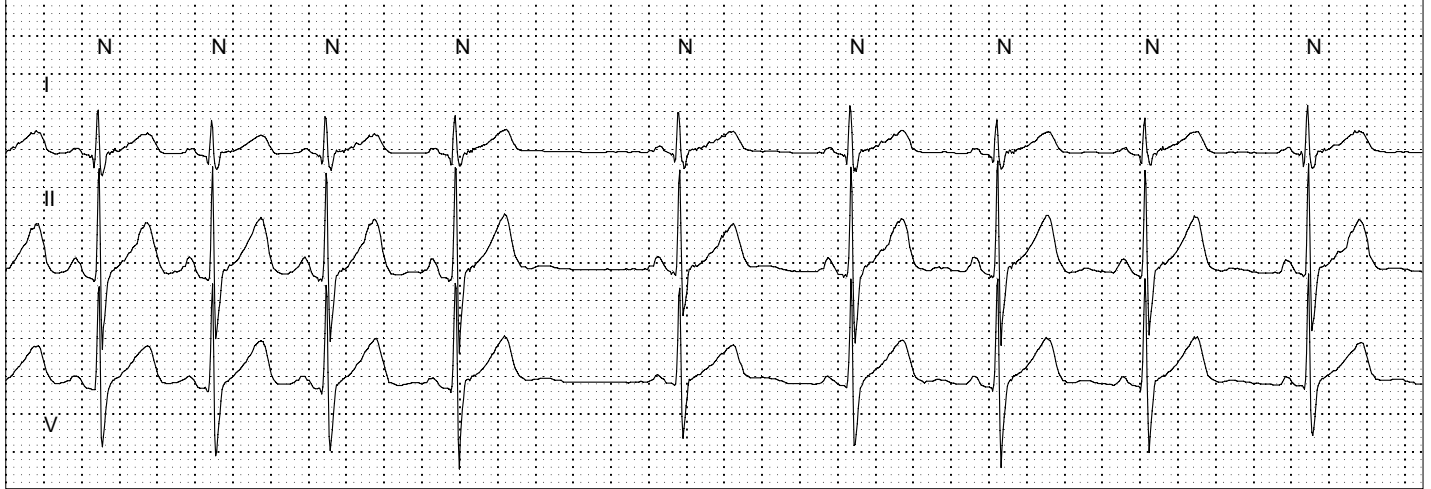
Max. 5 min RR Variability, 116 ms

Rate 99 BPM 10 mm/mV 03:07:47 6/26/2008



Sinus arrhythmia

Rate 75 BPM 10 mm/mV 03:56:53 6/26/2008



Ventricular Trigeminy

Rate 92 BPM 10 mm/mV 10:20:58 6/26/2008

