

CMS Cardioscan

Phone: Fax:

Recording Start Date
10/15/2019

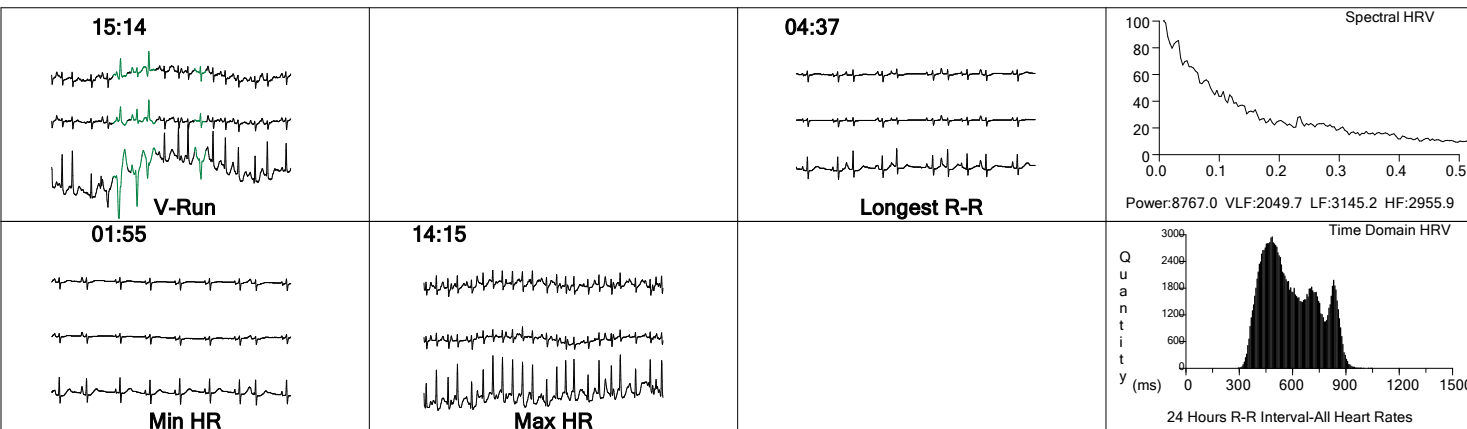
HOLTER ECG REPORT SUMMARY

Recording Start Time
12:44

Patient Name: SINGLE DEMO TEST		Patient ID:		Card ID:	
Patient Address:		Age: 75 years		DOB: 07/07/1944	
Ref. Physician:		Pacemaker: None		Sex: Female	
ICD-10:		Sup. Phys.:		Weight:	
Pat Tel: 7035322719		MD Tel:		Height:	
Indication: I49.9Cardiac Dysrhythmia unspecified		Scan By:		MD Email:	
Comments:					

HEART RATE	VENTRICULAR ECTOPY	HEART RATE VARIABILITY
Minimum HR-4 Intervals: 65 bpm at 1:55	VE Total: 1108	SDNN-24 Hour: 178
Maximum HR-4 Intervals: 207 bpm at 14:15	V-Pair Total: 13	SDANN Index: 93
Average HR-24 Hours: 970 bpm	WCT Total: 1(Total Beats 3)	SDNN Index: 151
Minimum HR-Hourly: 83 bpm at 4:00	Max WCT Duration: 3@148 bpm (15:14:24)	rMSSD: 123
Maximum HR-Hourly: 21760 bpm at 12:00	Max HR in WCT: 3@148 bpm (15:14:24)	pNN50: 77
Analyzed Beats: 137604	Min HR in WCT: N/A	Spectral Power-24 Hour: 8767.0
Analyzed Minutes: 141	VE's per-1000 and per-Hour: 8.05/46.49	Min Spectral Power Hour: 2718.7
ECG Monitoring Period: 23 hours 52 minute	VE Burden%: 0.81%	Max Spectral Power Hour: 14083.7
	Ventricular R on T: N/A	
ST SEGMENT ANALYSIS	SUPRAVENTRICULAR ECTOPY	PAUSES
Total ST Minutes CH1: 0	SVE Total: 0	Pauses in Excess of 2.00 sec: 0
Total ST Minutes CH2: 0	SVE Pair Total: 0	Max Pause: N/A
Total ST Minutes CH3: 0	SV-Run Total: 0	Longest R-R 1.078Seconds(04:37:26)
Max Delta ST Depression: N/A	Longest SV-Run: N/A	QT
Max Delta ST Elevation: N/A	Max HR in SV-Run: N/A	Max QT: 459 ms (Ch. 3)
Max ST Episode: N/A	SVE's per-1000 and per-Hour: 0.00/0.00	Max QTc: 459 ms
Max HR In ST Episode: 0	SVE Burden%: 0.00%	Time of Max QTc: at 18:53. HR 90 bpm.
	Total Aberrant Beats/Runs: 0/0	IdioV N/A
	AF Burden%: 100.00%	

SIGNIFICANT ECG EVENTS



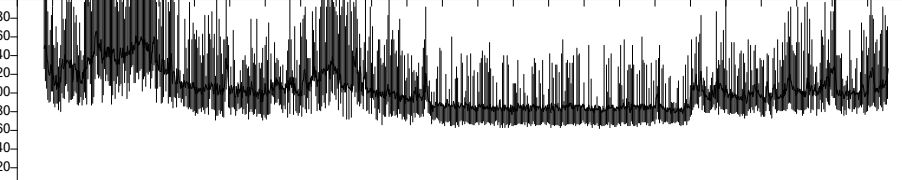
CONCLUSIONS

The average heart rate was 970. The minimum heart rate was 65 at 01:55. The maximum heart rate was 207 at 14:15. Pauses greater than 2.00 seconds were 0. Ventricular ectopy was 1108, with 1079 isolated VE, 13 V-Pairs and 1 V-Runs, Ventricular Bigeminy events were 1 and Ventricular Trigeminy events were 0, Ventricular Escape events were 0. Aberrant was 0, with 0 Aberrant-Runs, with 0 Junctional Beat. Supraventricular ectopy was 0, with 0 isolated SVE, 0 SV-Pairs 0 SV-Runs, Supraventricular Bigeminy events were 0 and Supraventricular Trigeminy events were 0, Bundle Branch Beat events were 0. Total A-Fib were 1434 Minutes 0 Seconds. The first minute was 12:44:00. ST episode minutes totaled 0. The longest RR was 1.078 at 04:37:26. HRV SDNN:178, SDANN:93, SDNN Index:151, r-MSSD:123, Triangular index:51.4. The patient pressed the symptom event button 3 times on the Holter recorder.

10/15/2019

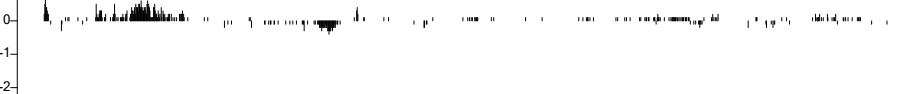
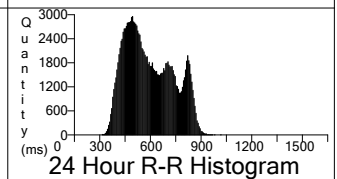
SINGLE DEMO TEST

24 Hour Trends Report

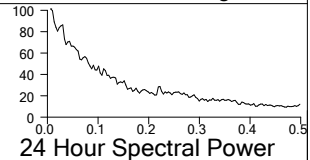
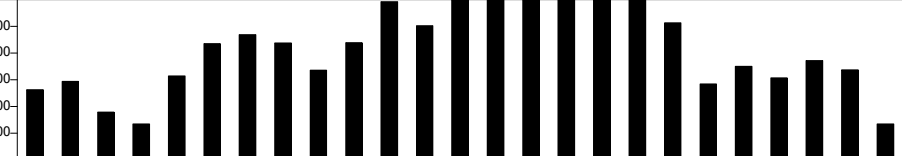
Heart Rate
(Max/Avg/Min)

Maximum Heart Rate 207

Minimum Heart Rate 65

Max Delta
ST Deviation
CH1CH1
N/AHeart Rate
Variability
SDNN 178

24 Hour R-R Histogram

Spectral
Power
8767.0

24 Hour Spectral Power

VE Beats
per Hour

V-Run Event

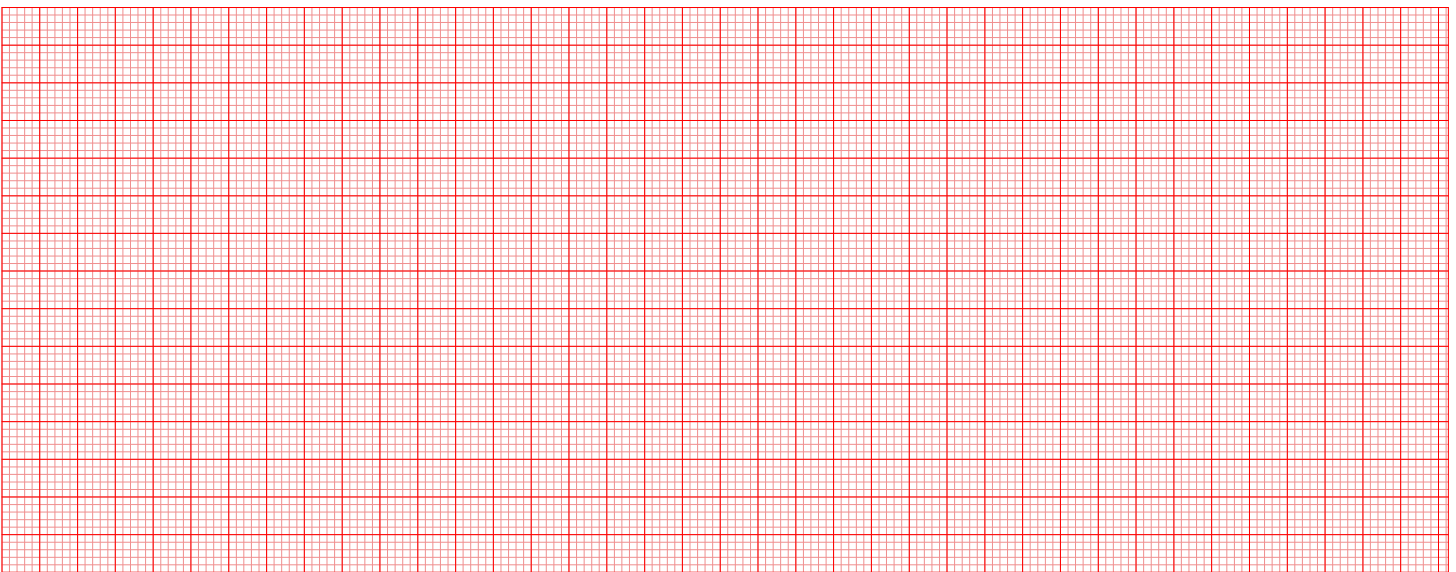
SVE Beats
per Hour

SV-Run Event

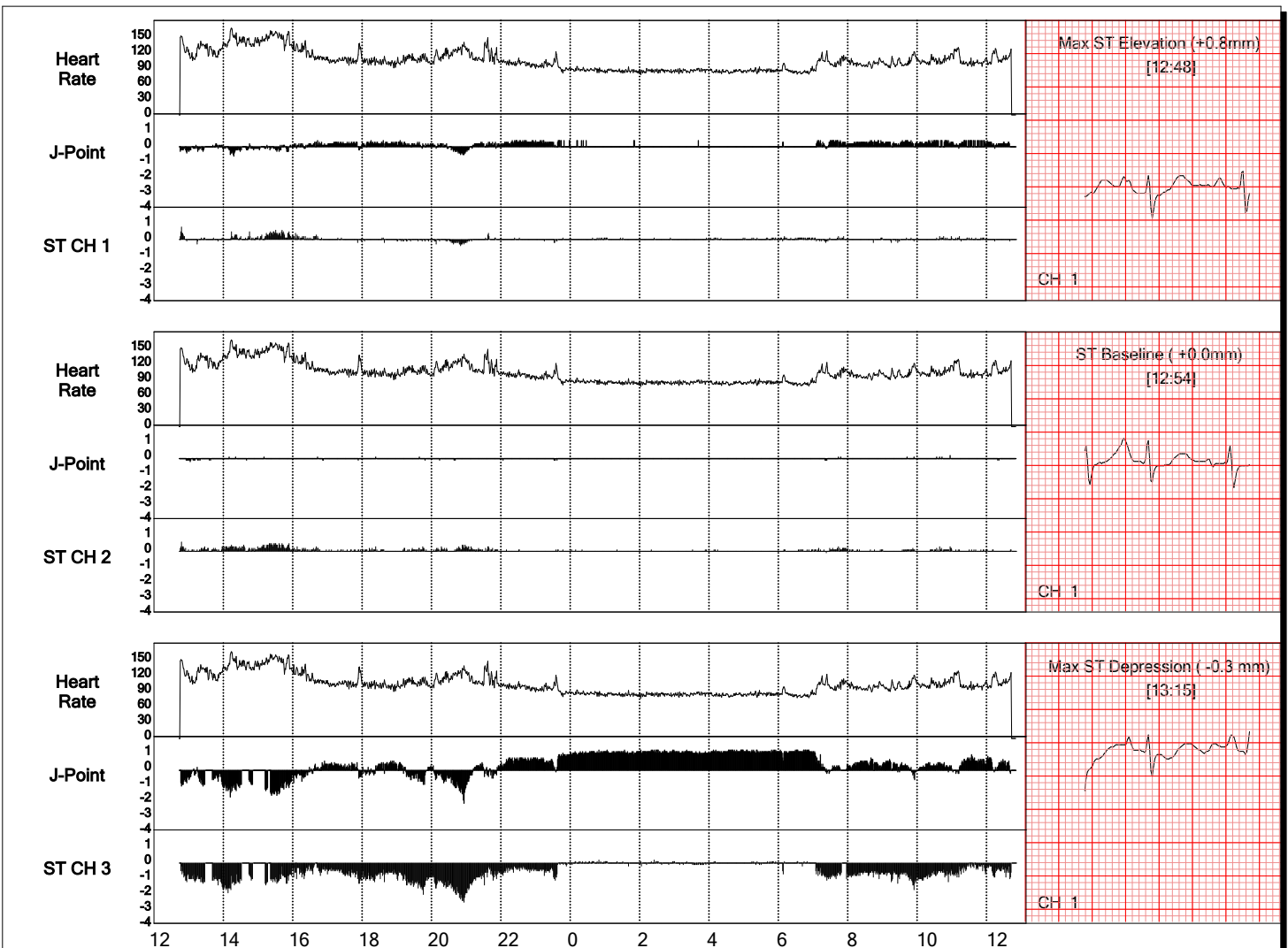
Pause
per Hour

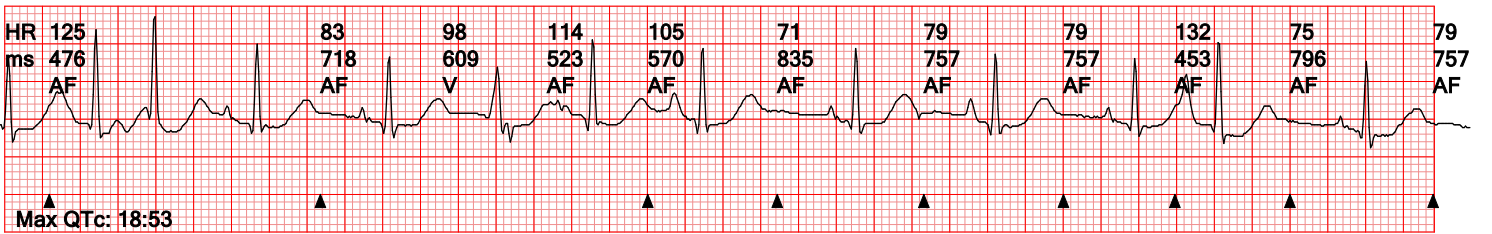
Pause

Time	Total Beats	Avg HR	Min HR	Max HR	SDNN	Spectral Power	Delta ST			Delta ST			VENTRICULAR ECTOPY						SUPRAVENTRICULAR ECTOPY						Pause >2.0 s	IdiV
							CH 1	CH 2	CH 3	CH 1	CH 2	CH 3	Total	sin	pair	run	bige.	trig.	Total	sin	pair	run	bige.	trig.		
12:44	1824	133	92	199	134	5275.3	0	0.0	0	0.0	0	-0.9	12	10	1	0	0	0	0	0	0	0	0	0	0	0
13:00	6979	122	84	194	125	5880.8	0	-0.3	0	0.0	0	-0.9	96	96	0	0	0	0	0	0	0	0	0	0	0	0
14:00	8263	141	90	207	106	3587.5	0	0.0	0	0.0	0	-0.9	100	94	3	0	0	0	0	0	0	0	0	0	0	0
15:00	8223	146	92	207	102	2718.7	0	0.0	0	0.0	0	-0.9	99	94	1	1	0	0	0	0	0	0	0	0	0	0
16:00	6320	117	82	194	133	6291.7	0	0.0	0	0.0	0	-0.9	230	224	3	0	0	0	0	0	0	0	0	0	0	0
17:00	6171	106	78	176	152	8736.3	0	-0.2	0	0.0	0	-1.0	56	56	0	0	1	0	0	0	0	0	0	0	0	0
18:00	5263	101	74	152	156	9405.3	0	-0.1	0	0.0	0	-1.0	52	52	0	0	0	0	0	0	0	0	0	0	0	0
19:00	5198	105	77	145	155	8760.3	0	-0.1	0	0.0	0	-1.1	53	51	1	0	0	0	0	0	0	0	0	0	0	0
20:00	6256	118	78	190	149	6746.1	0	0.0	0	0.0	0	-0.9	32	32	0	0	0	0	0	0	0	0	0	0	0	0
21:00	6041	112	71	190	164	8794.0	0	0.0	0	0.0	0	-1.1	13	13	0	0	0	0	0	0	0	0	0	0	0	0
22:00	5765	98	72	142	177	11863.3	0	0.0	0	0.0	0	-0.8	10	10	0	0	0	0	0	0	0	0	0	0	0	0
23:00	5414	93	70	143	172	10059.9	0	-0.2	0	0.0	0	-1.0	28	28	0	0	0	0	0	0	0	0	0	0	0	0
0:00	5085	85	66	75	185	12443.8	0	0.0	0	0.0	0	-0.1	10	10	0	0	0	0	0	0	0	0	0	0	0	0
1:00	4983	84	65	150	189	12789.7	0	0.0	0	0.0	0	-0.2	9	9	0	0	0	0	0	0	0	0	0	0	0	0
2:00	4981	84	65	73	188	13577.4	0	0.0	0	0.0	0	-0.1	5	5	0	0	0	0	0	0	0	0	0	0	0	0
3:00	5034	85	66	146	187	14083.7	0	0.0	0	0.0	0	-0.1	2	2	0	0	0	0	0	0	0	0	0	0	0	0
4:00	4963	83	65	124	186	13617.1	0	0.0	0	0.0	0	0.0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5:00	5081	85	67	76	178	12280.1	0	0.0	0	0.0	0	-0.1	2	2	0	0	0	0	0	0	0	0	0	0	0	0
6:00	4996	84	67	118	166	10272.1	0	-0.1	0	0.0	0	-0.7	4	4	0	0	0	0	0	0	0	0	0	0	0	0
7:00	5275	103	75	170	132	5703.0	0	-0.2	0	-0.1	0	-1.0	15	15	0	0	0	0	0	0	0	0	0	0	0	0
8:00	5505	98	74	129	142	7011.3	0	-0.2	0	0.0	0	-1.0	26	24	1	0	0	0	0	0	0	0	0	0	0	0
9:00	5549	101	77	140	136	6169.6	0	-0.1	0	0.0	0	-1.1	15	15	0	0	0	0	0	0	0	0	0	0	0	0
10:00	5513	105	79	173	142	7457.9	0	0.0	0	0.0	0	-1.1	67	67	0	0	0	0	0	0	0	0	0	0	0	0
11:00	5213	102	81	161	141	6762.2	0	-0.1	0	0.0	0	-0.9	131	129	1	0	0	0	0	0	0	0	0	0	0	0
12:00	3709	1760	83	177	102	2718.7	0	-0.1	0	0.0	0	-0.9	40	36	2	0	0	0	0	0	0	0	0	0	0	0
Totals	137604	970	65	207	178	8767.0	0	-0.3	0	-0.1	0	-1.1	1108	1079	13	1	1	0	0	0	0	0	0	0	0	0

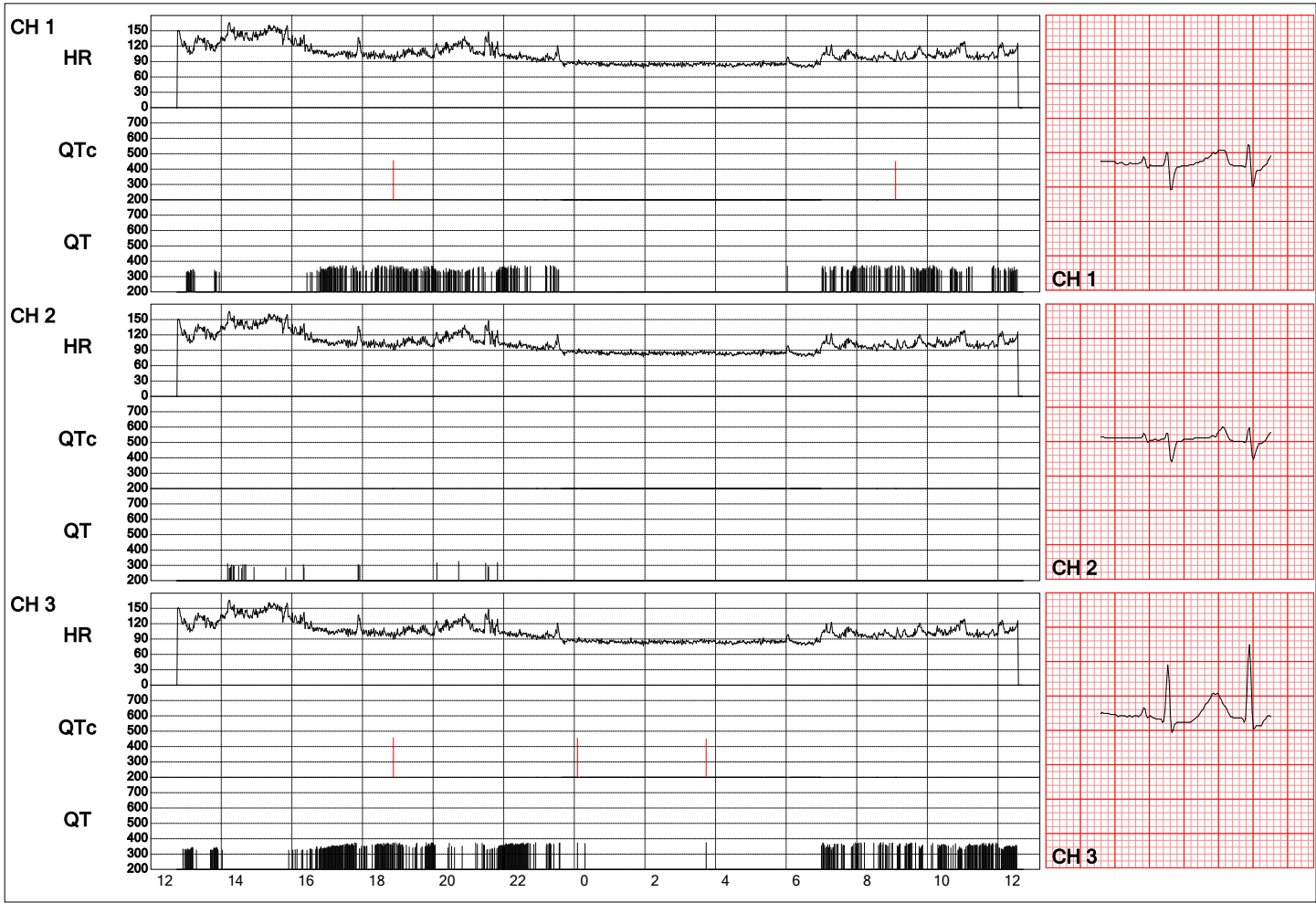


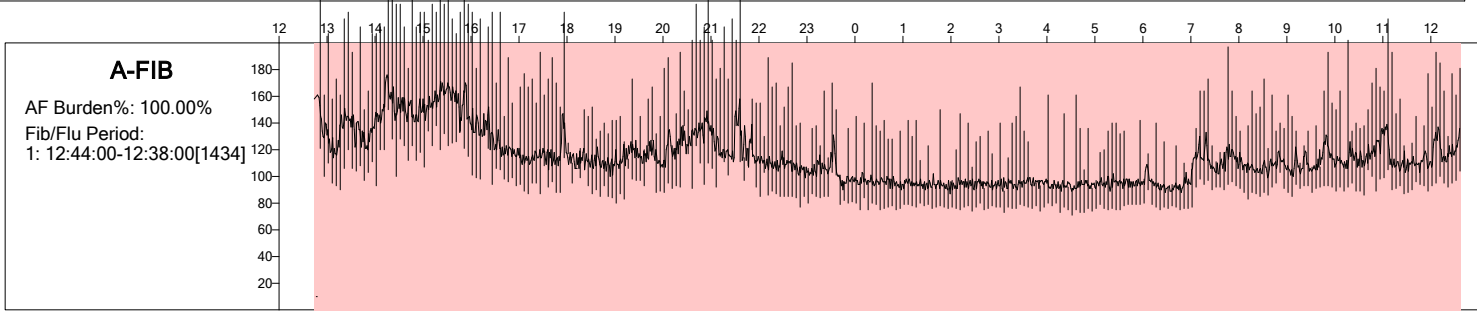
Total ST Minutes(Delta)	0@CH 1	ST Episode	#1	#2	#3
Total ST Episodes(Delta)	0@CH 1	Length	0	0	0
Max Delta ST Depression:	-0.3@CH 1	On-set Minute			
Max Delta ST Elevation:(ST Point)	+0.8@CH 1	Max ST			
ST Analysis Criteria	1 mm change in ST&J	Max Heart Rate	0	0	0
		VE's PER MINUTE	0	0	0

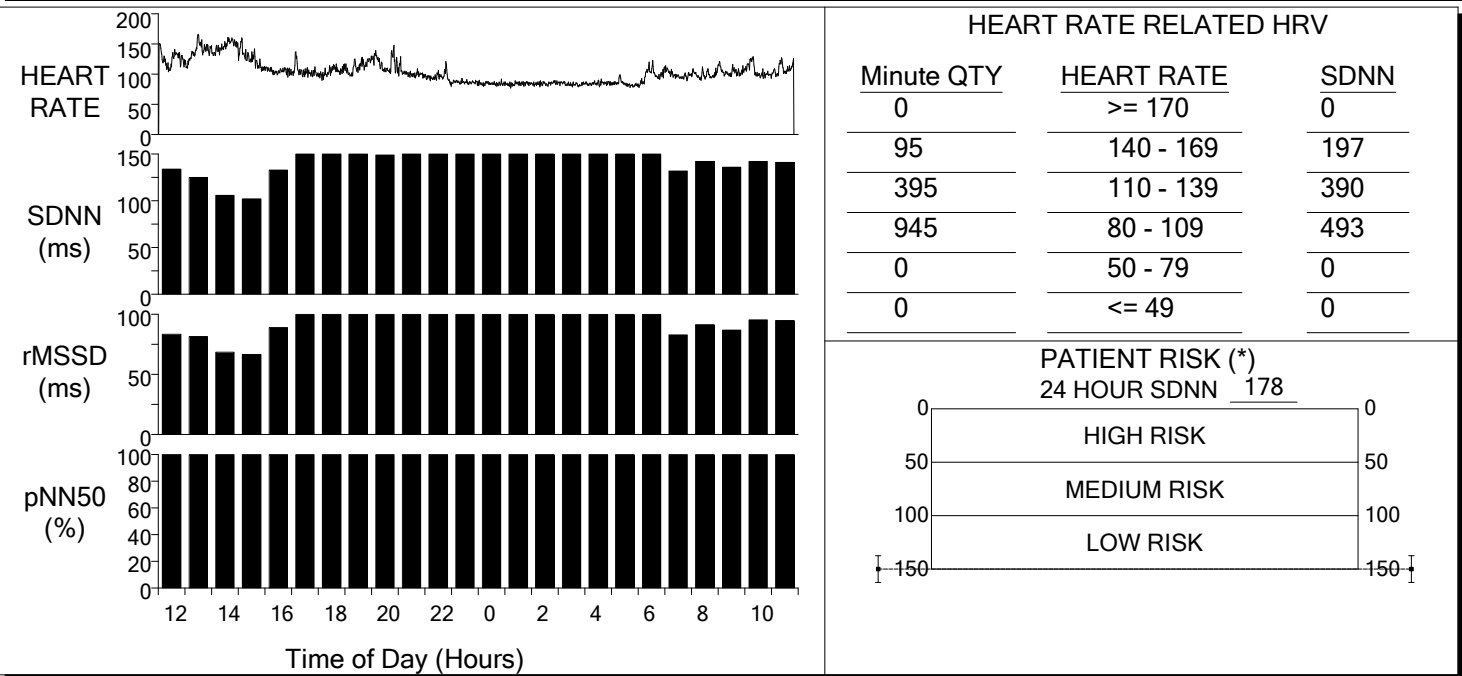
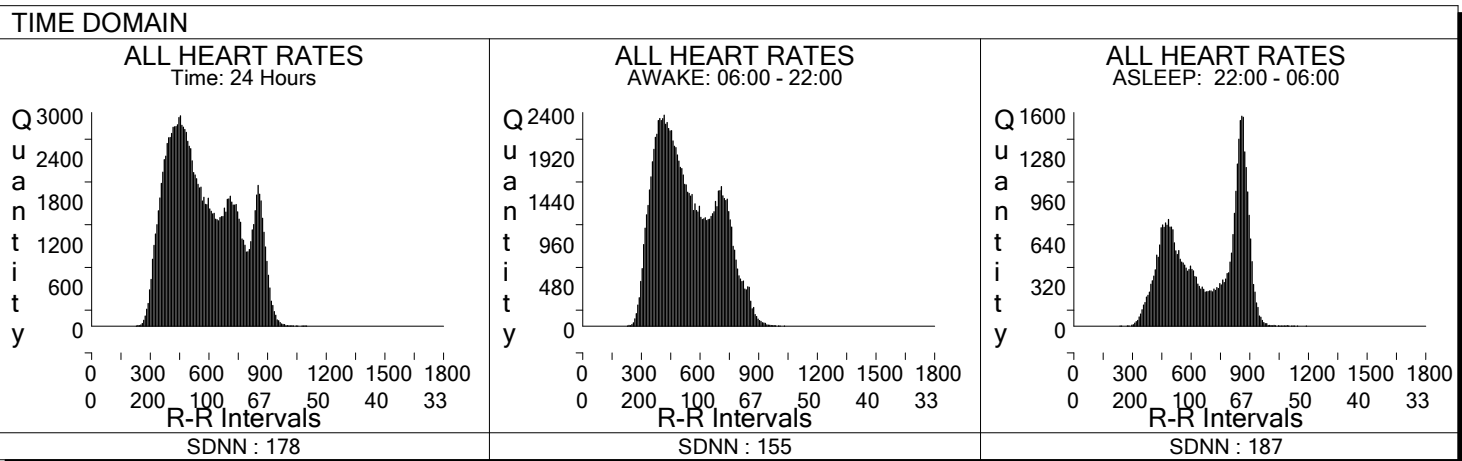
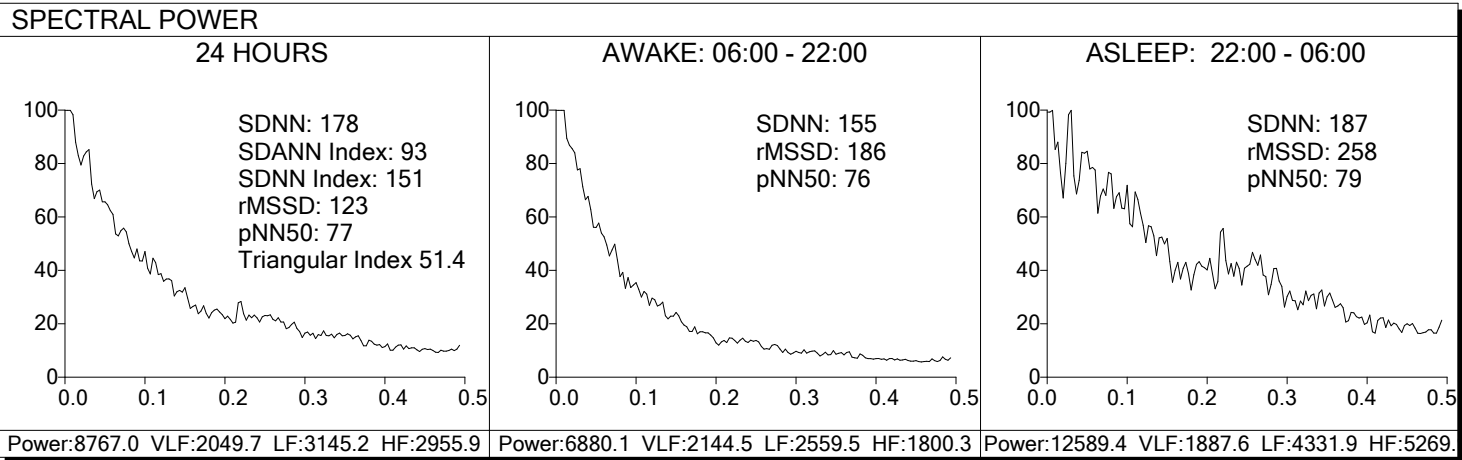




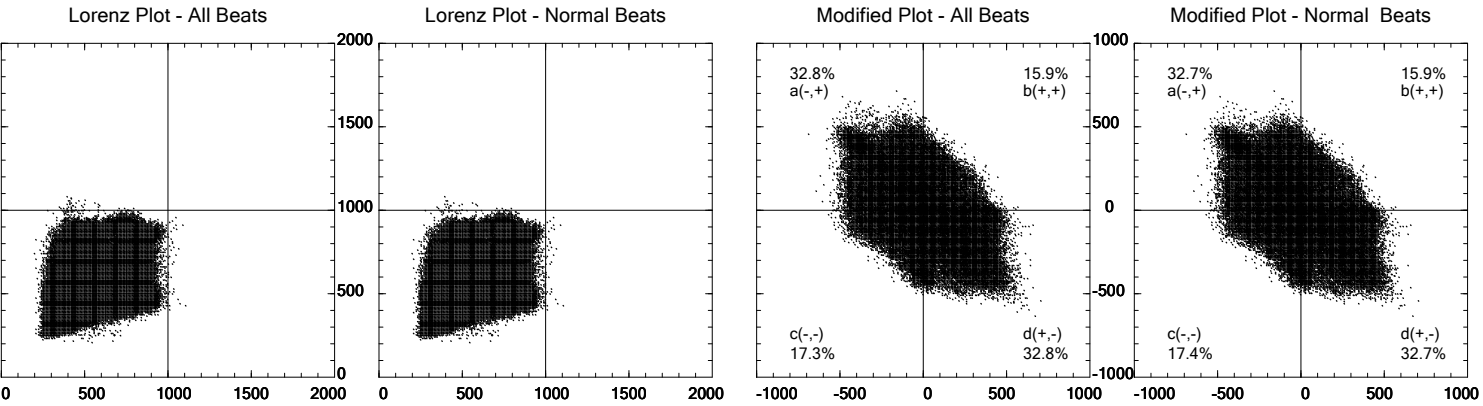
QTc	90%											Validated QTc Analysis: (60-90 bpm)
	80%											<= 450 ms 0.00% N
	70%											> 450 ms 100.00% ABN
	60%											> 490 ms 0.00% ABN+
	50%											Max QTc @ 18:53 459 ms
	40%											Max QT @ 18:53 459 ms
	30%											Normal Range QTc: 350 to 450 ms
	20%											
	10%											
Range (ms)	< 350	350-370	370-390	390-410	410-430	430-450	450-470	470-490	490-510	> 510		
QTc	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%		
QT	25.62%	57.60%	16.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		



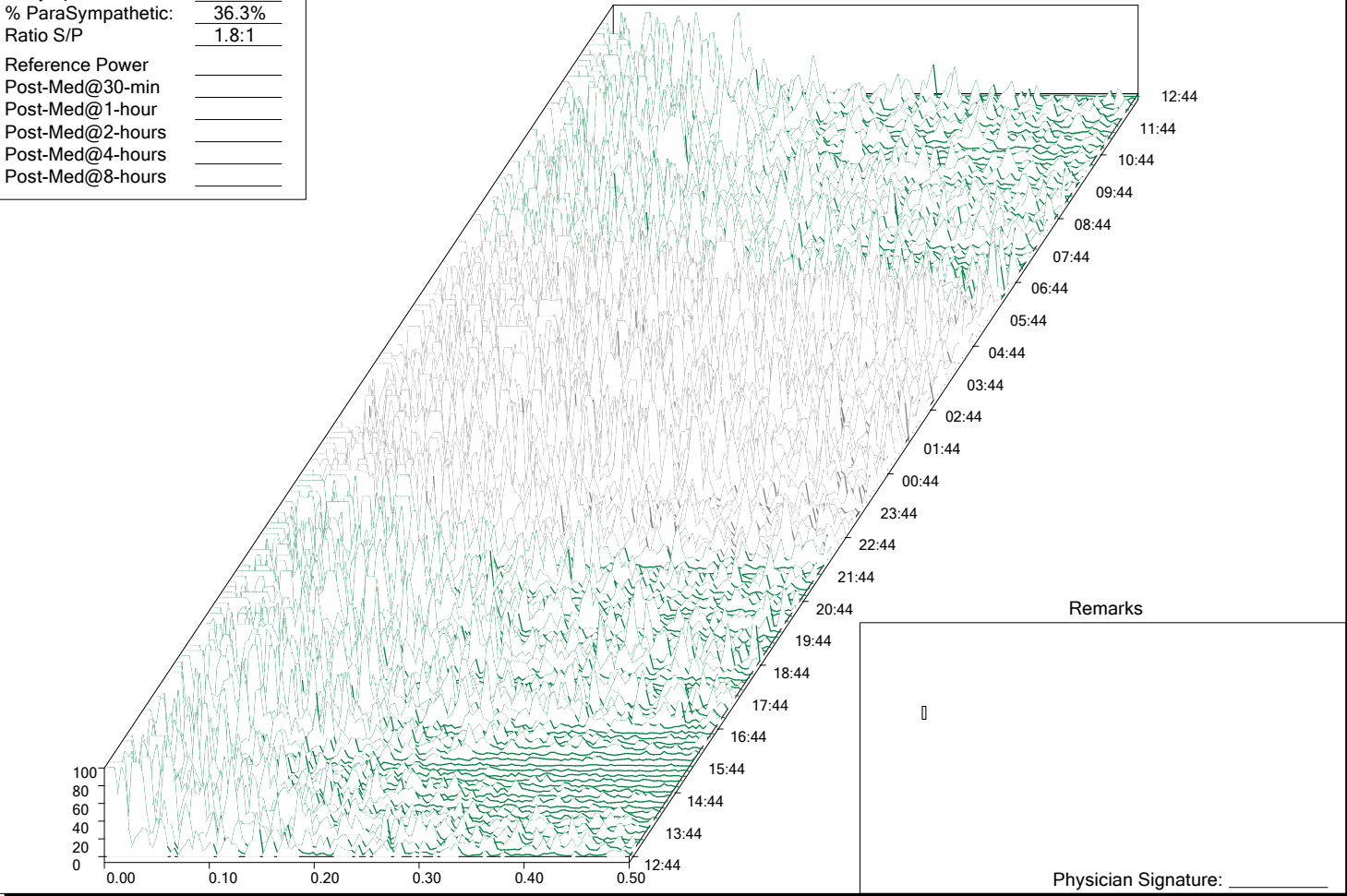


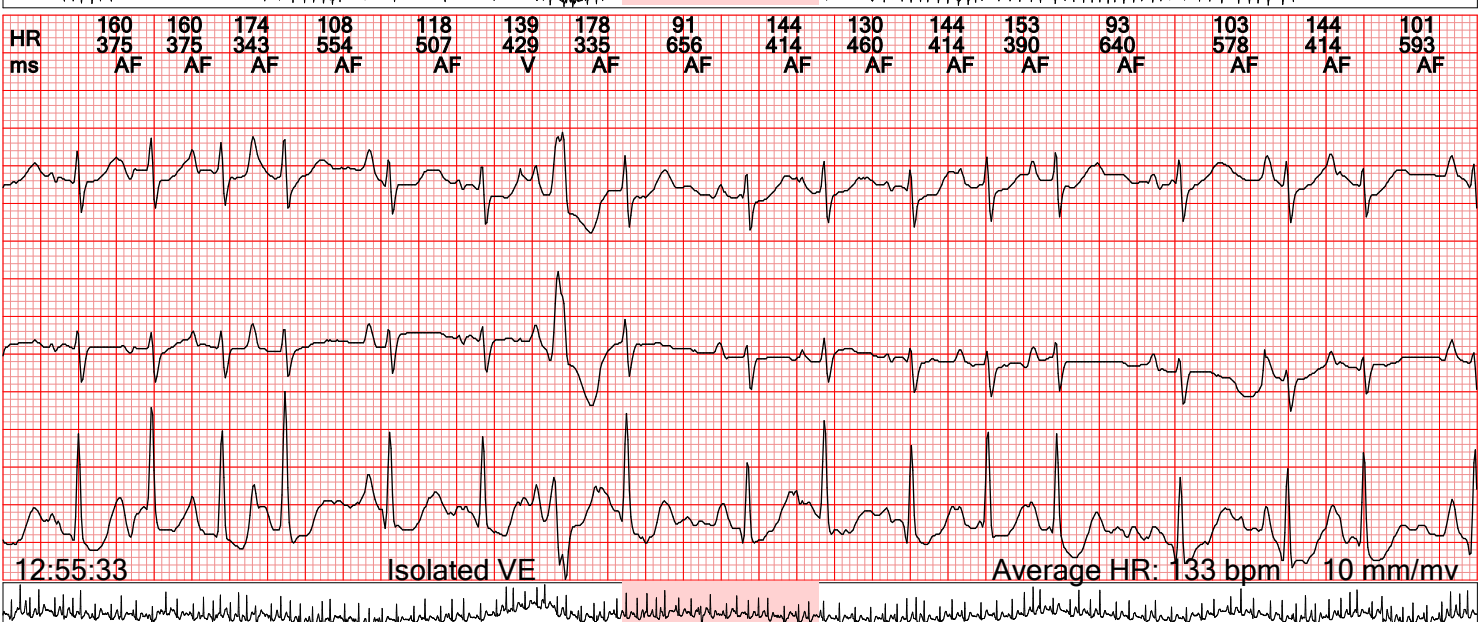
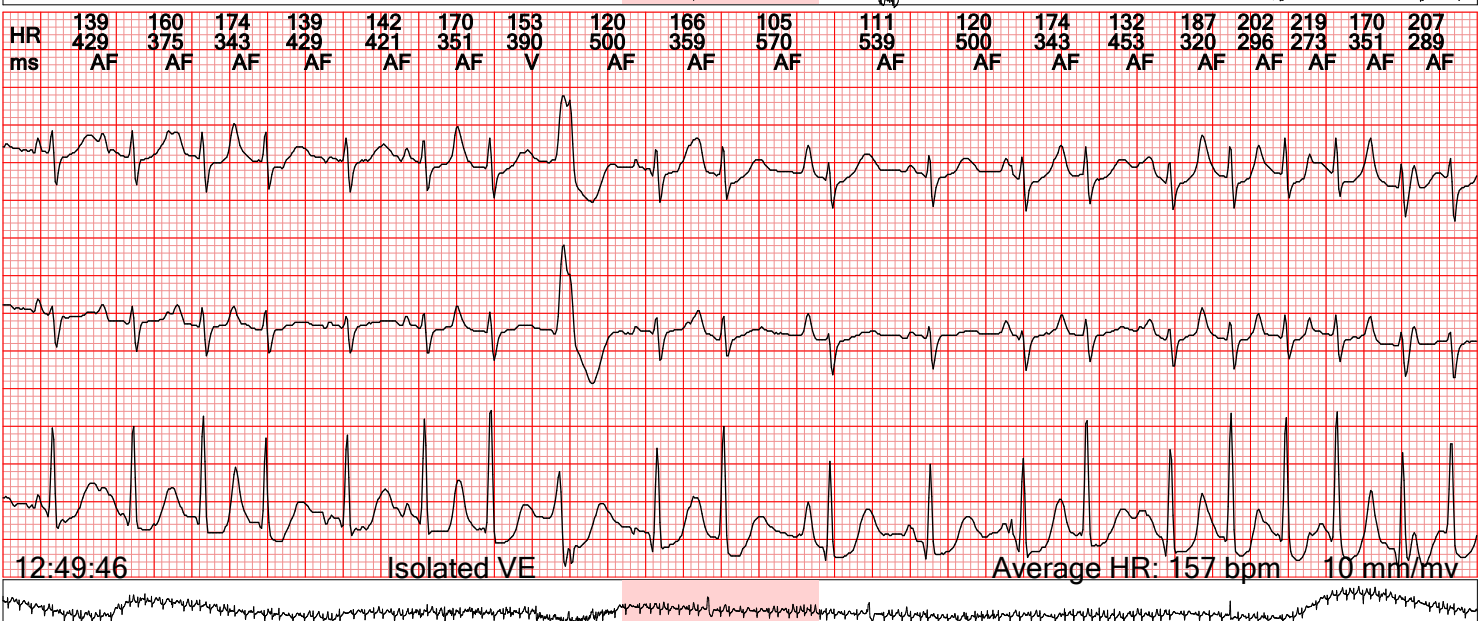
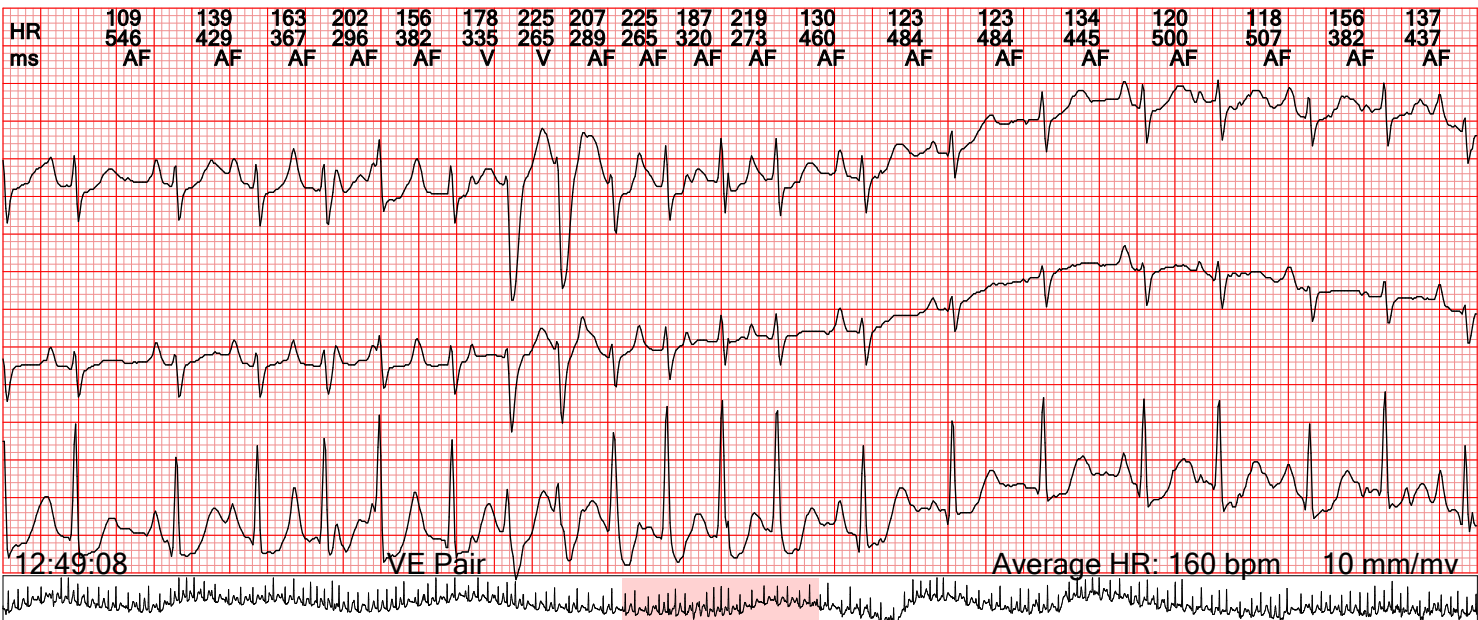


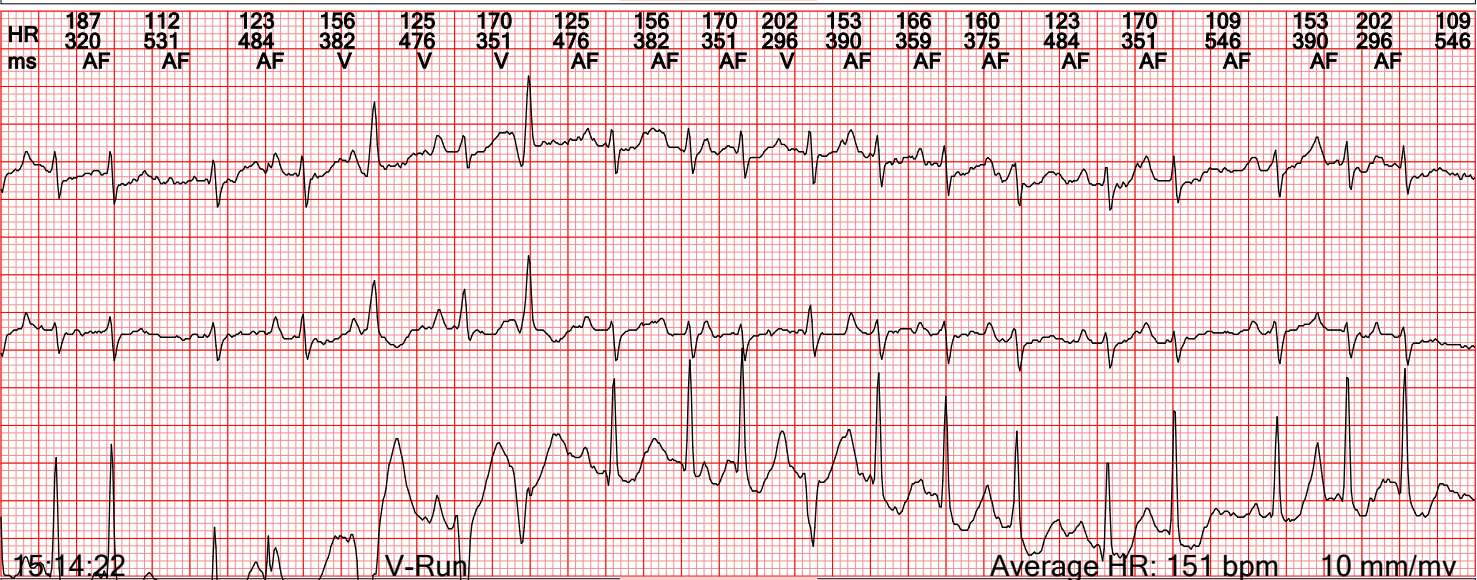
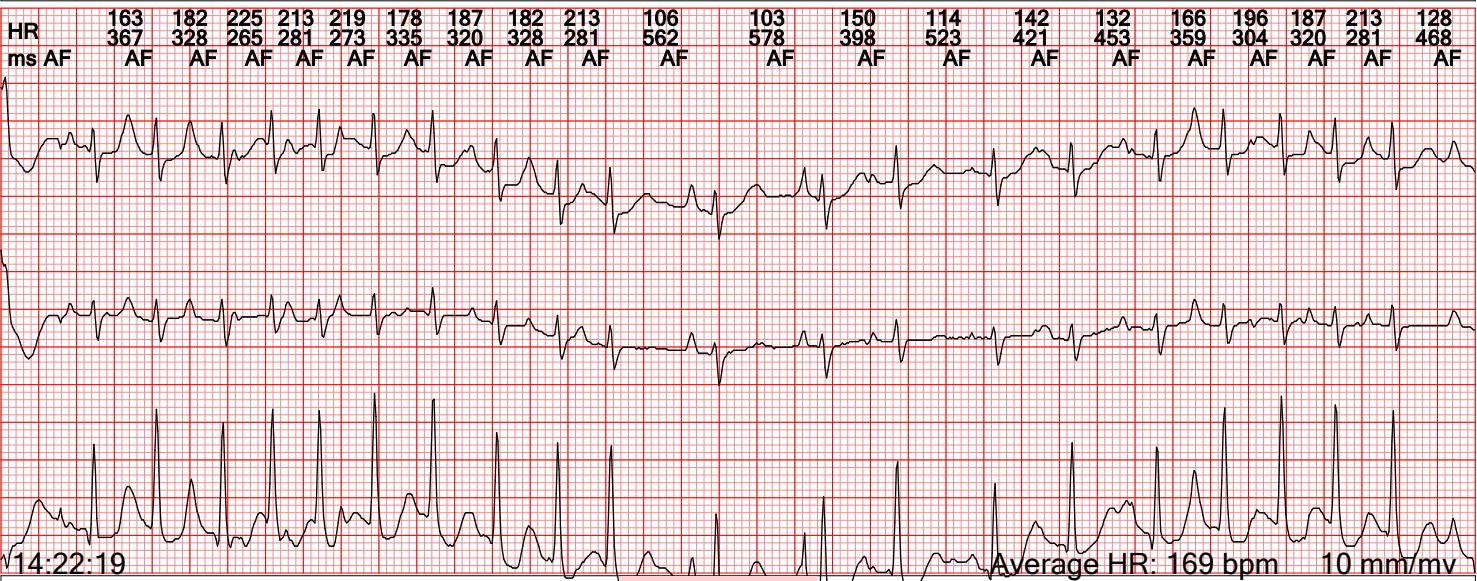
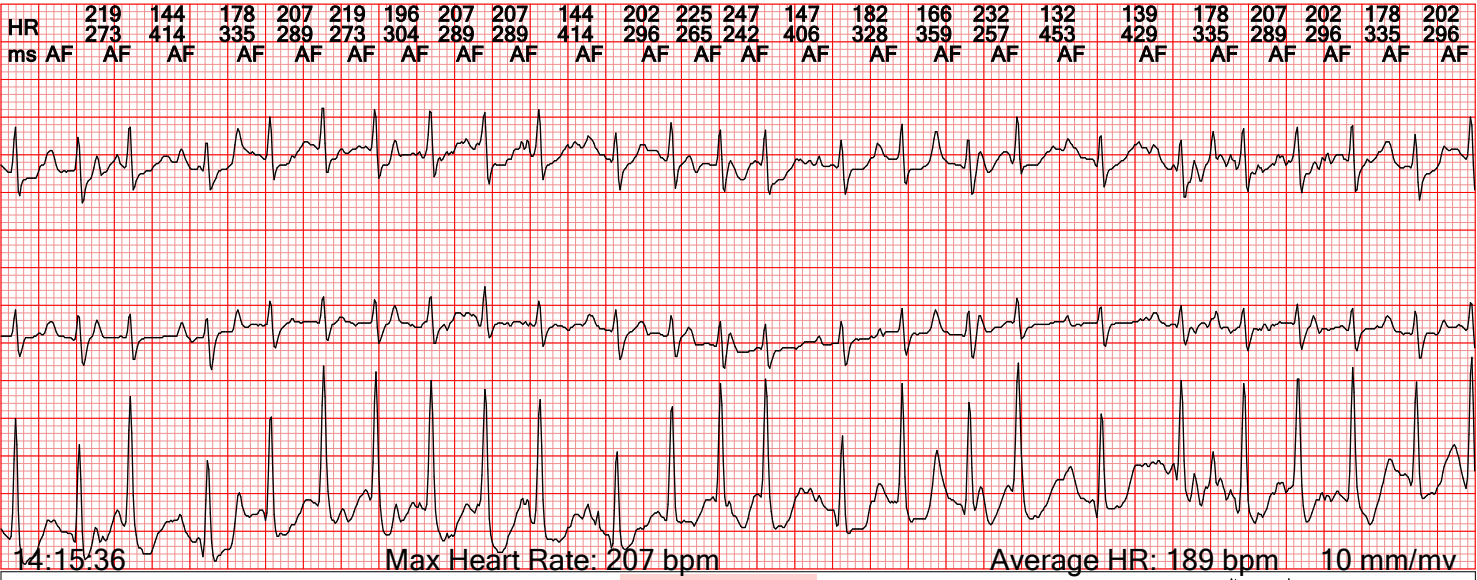
SPECTRAL POWER								
TOTAL POWER		VERY LOW FREQUENCY		LOW FREQUENCY		HIGH FREQUENCY		
0.000 to 0.500 Hz		0.003 to 0.040 Hz		0.040 to 0.150 Hz		0.150 to 0.401 Hz		
8767.0		2049.7		3145.2		2955.9		
TIME DOMAIN	Total Beats	Qualified Beats	Mean RR	SDANN	SDNN INDEX	SDNN INDEX	rMSSD	pNN50
Time	#	#	(mSec)	(mSec)	(mSec)	(mSec)	(mSec)	(%)
Time: 24 Hours	151700	151413	565.0	178	93	151	123	77

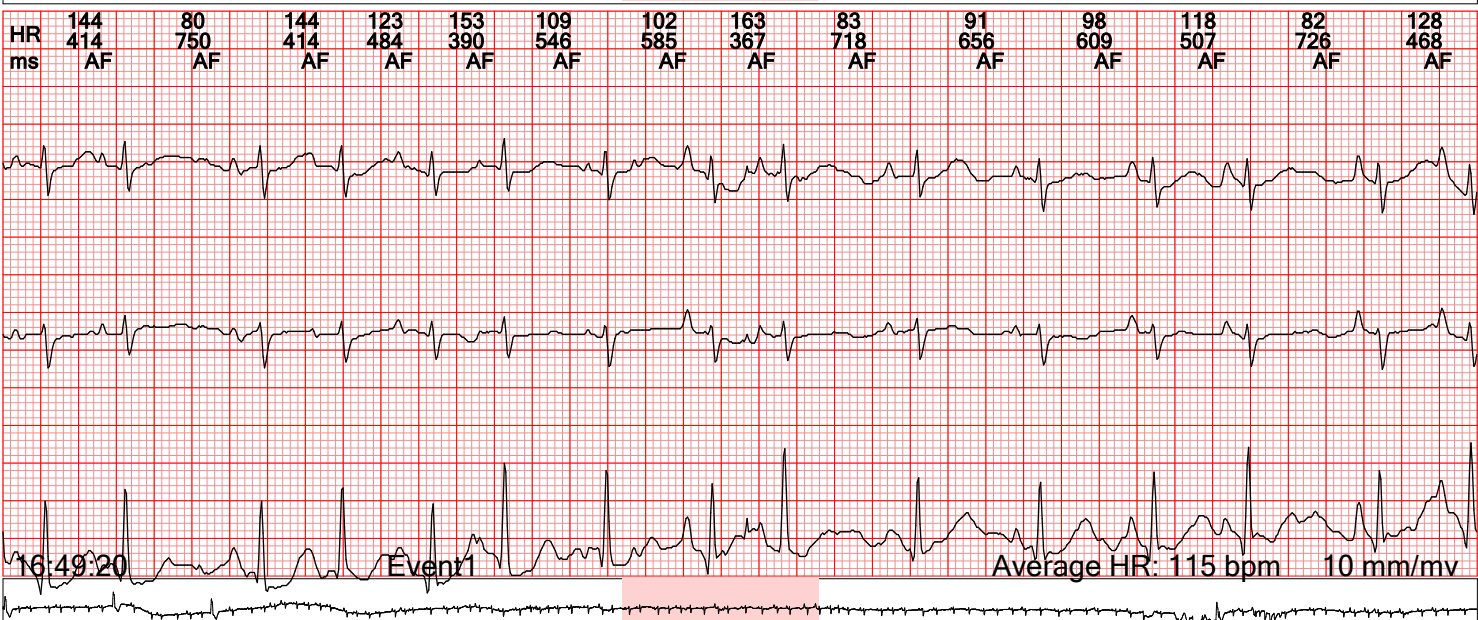
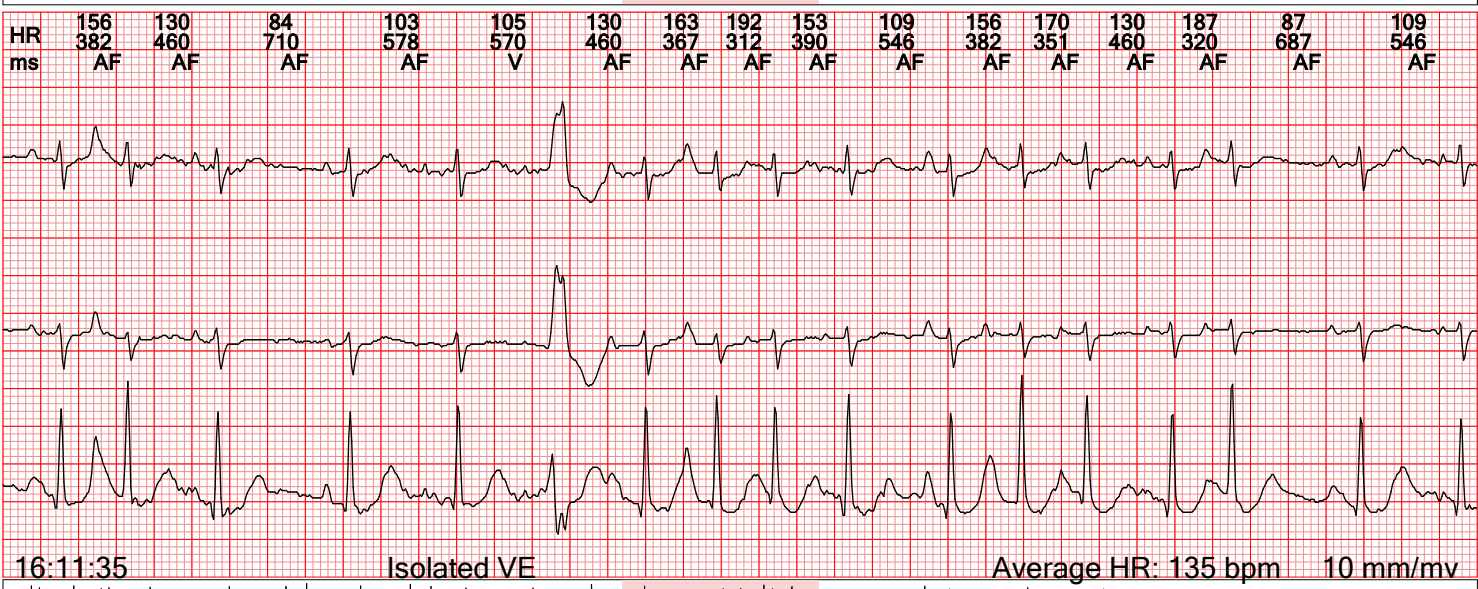
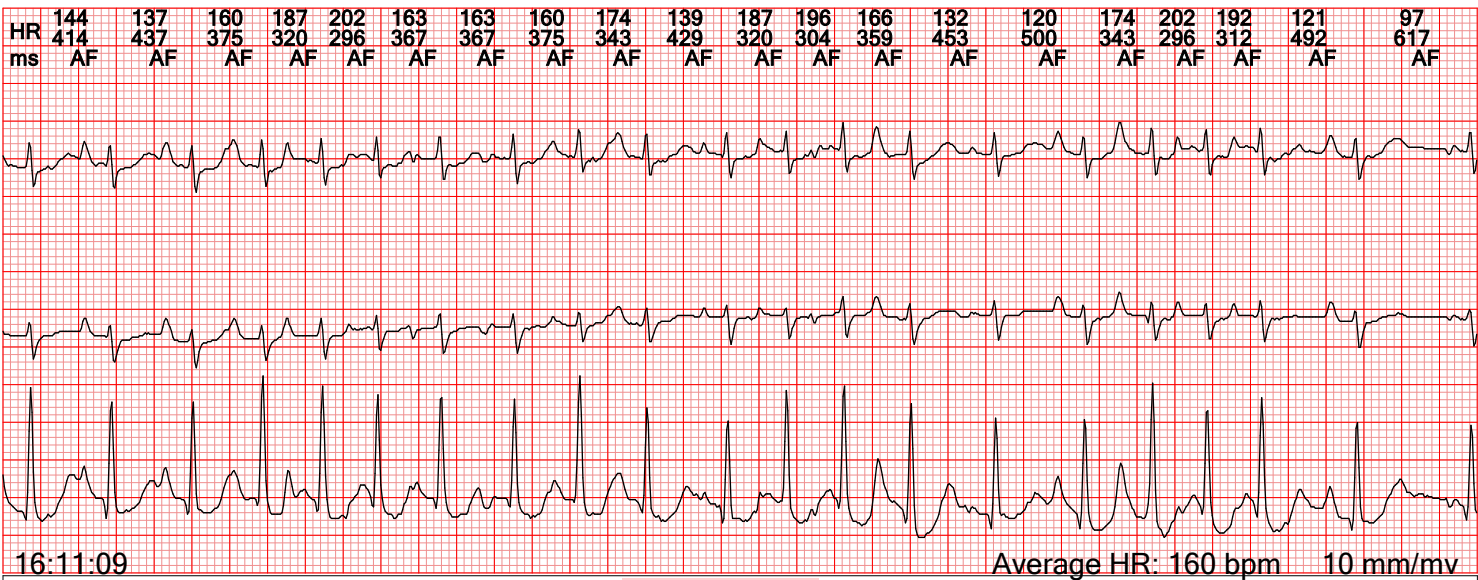


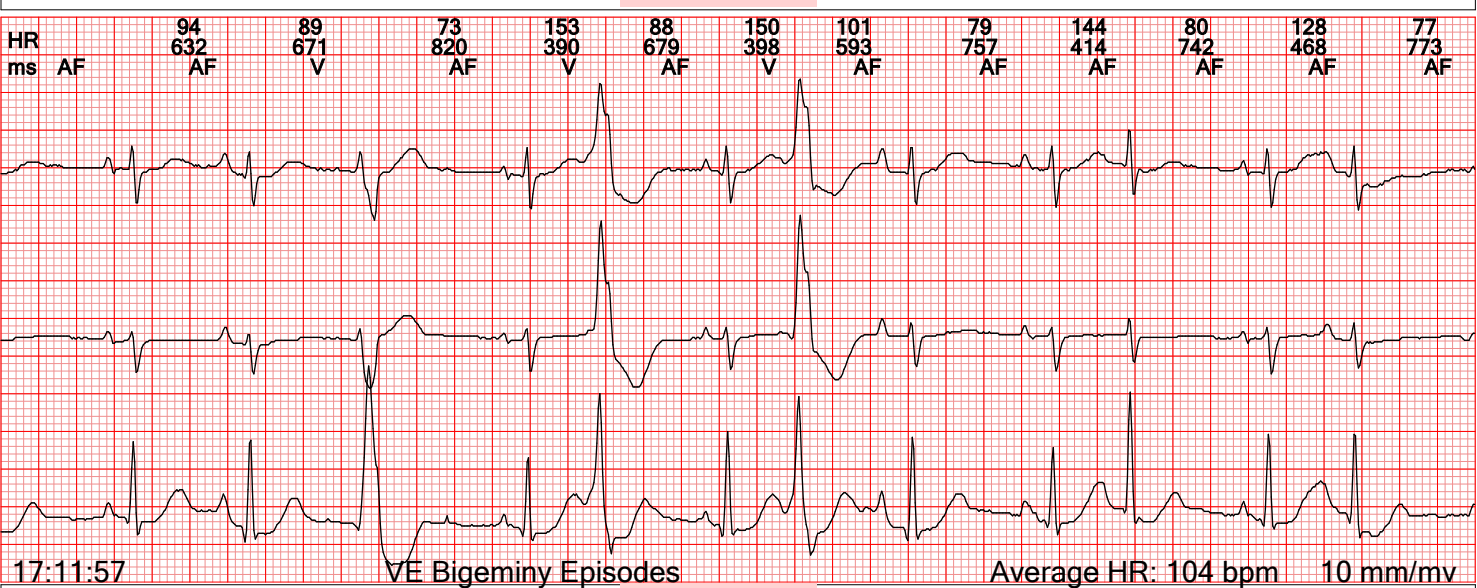
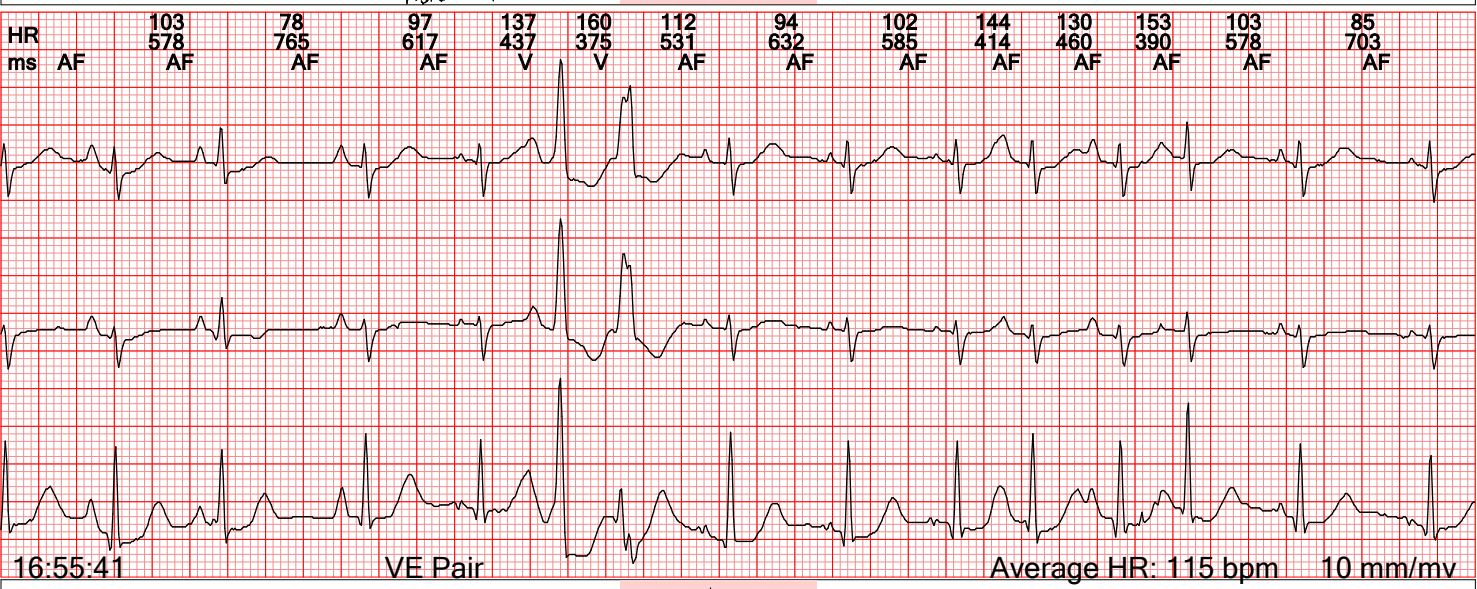
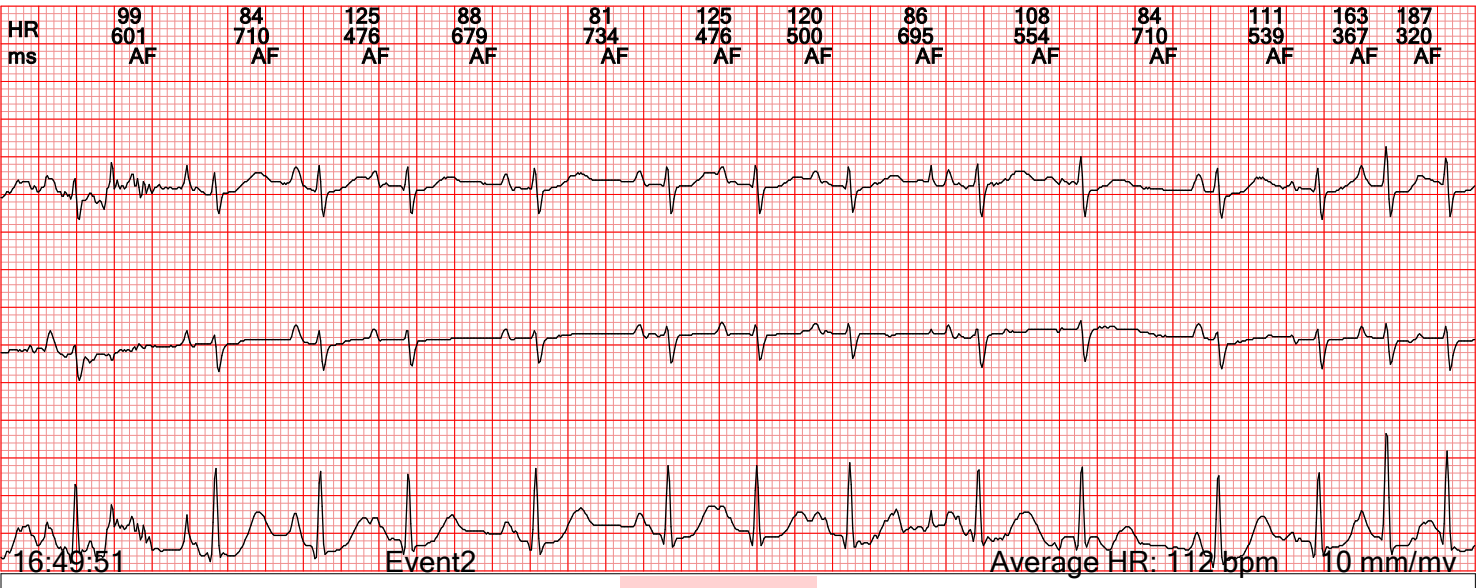
24 Hours 3D Power Graph		
	Actual	Normal
Total Power:	8767.0	750-12000
VLF Power:	2049.7	400-1750
LF Power:	3145.2	300-1750
HF Power:	2955.9	50-120
LF/HF Ratio:	1.1:1	1-3
SDNN:	178	102-180
pNN50:	77	
% Sympathetic:	63.7%	
% ParaSympathetic:	36.3%	
Ratio S/P	1.8:1	
Reference Power		
Post-Med@30-min		
Post-Med@1-hour		
Post-Med@2-hours		
Post-Med@4-hours		
Post-Med@8-hours		

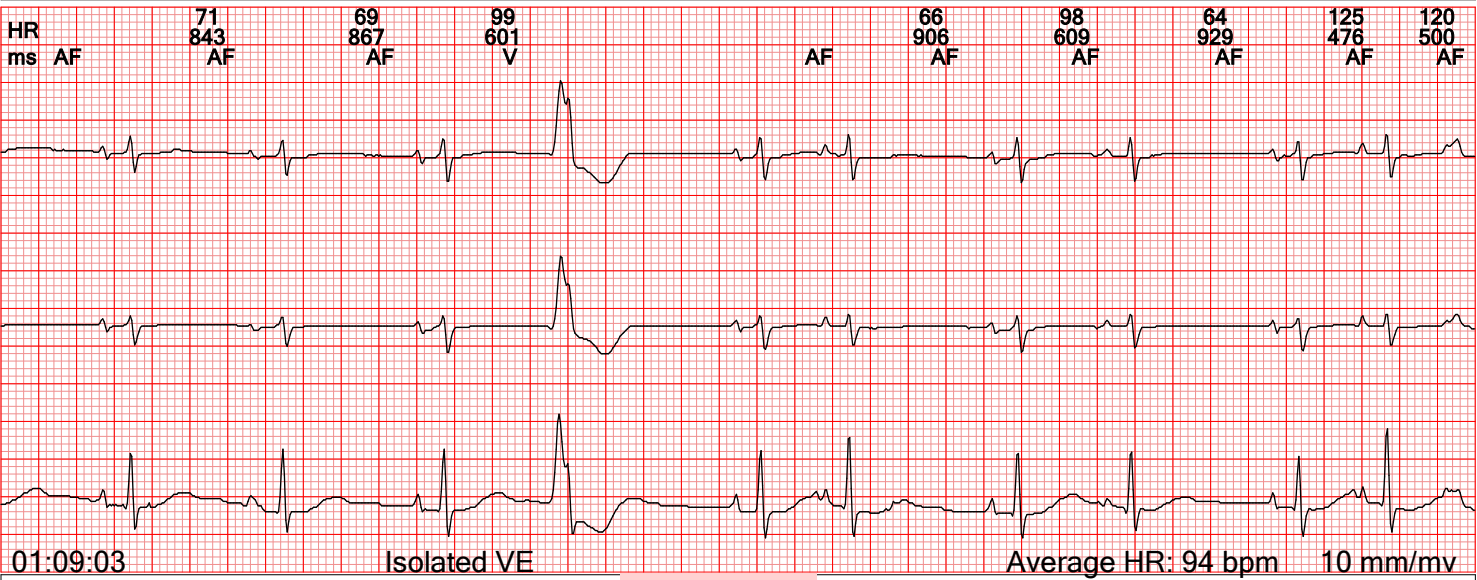
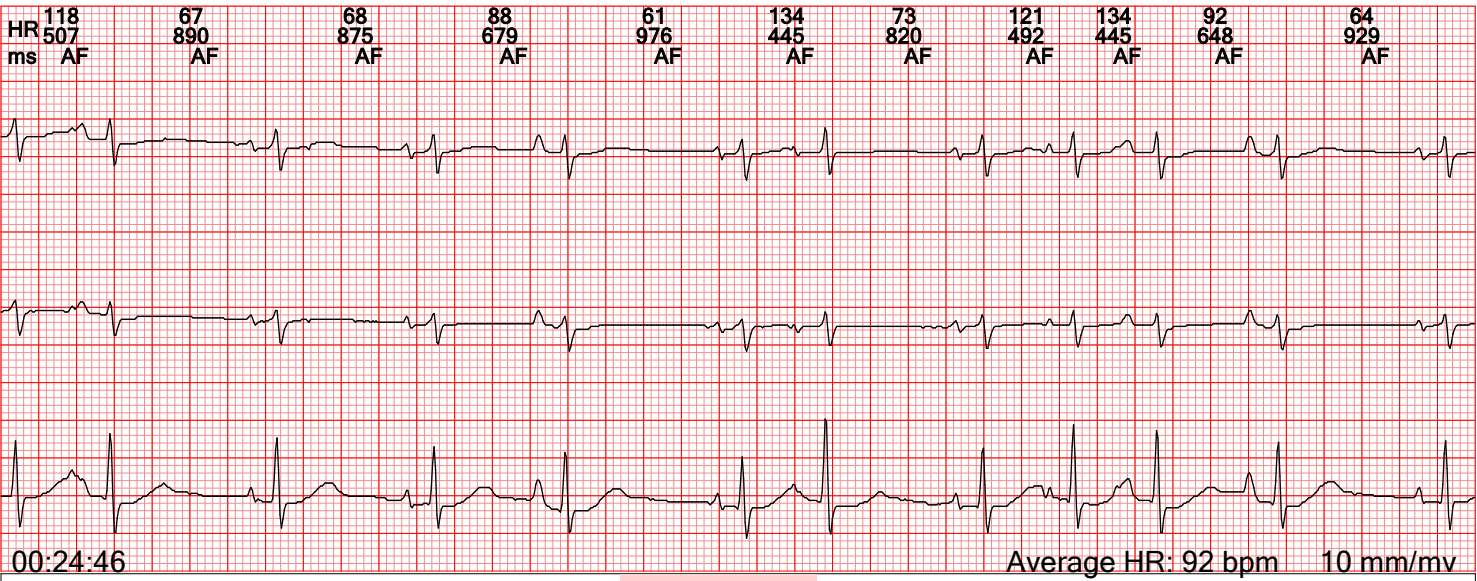
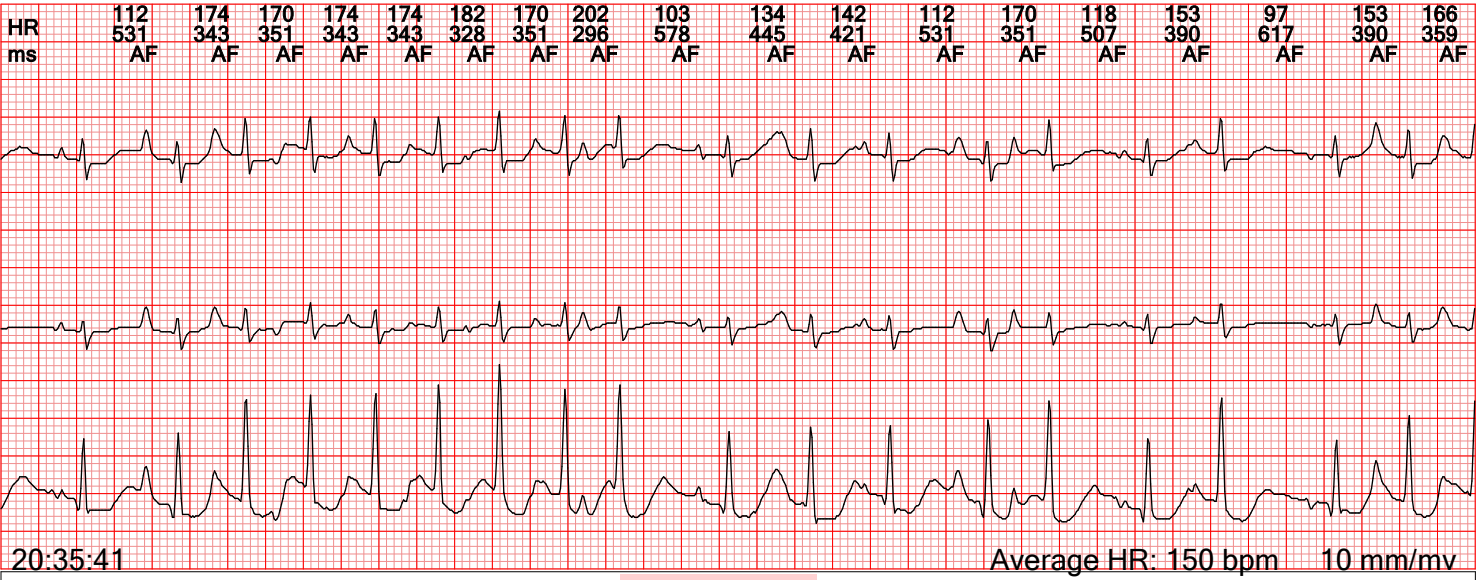


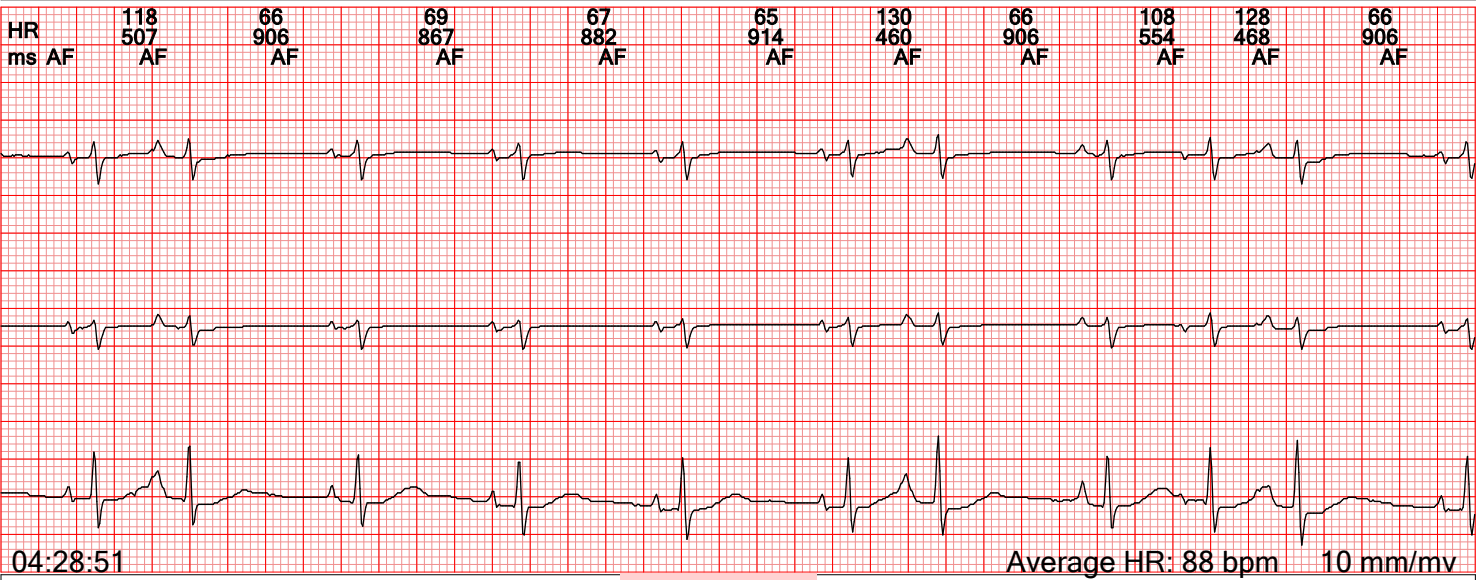
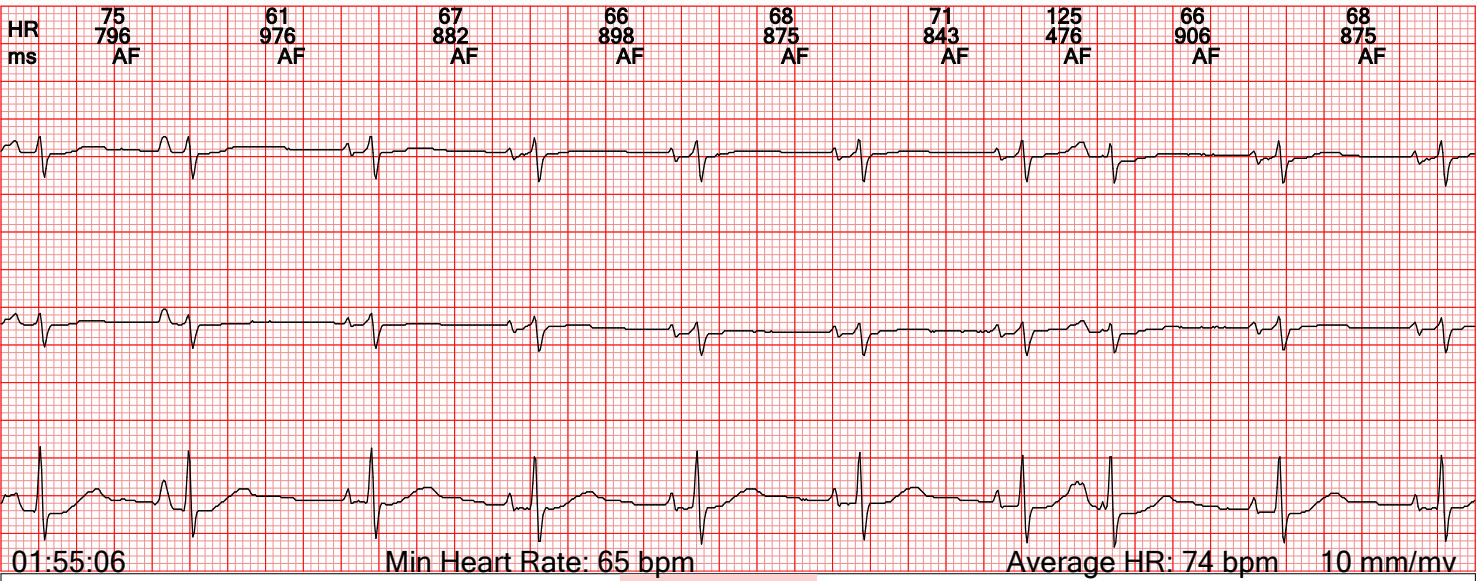
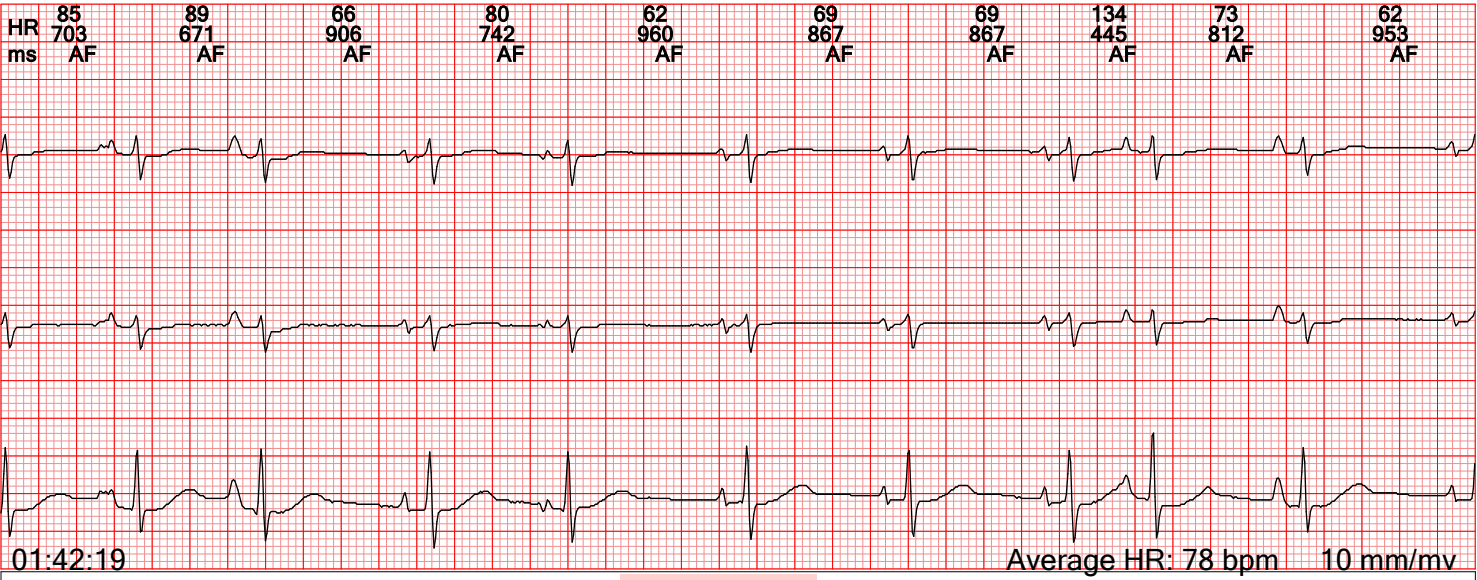


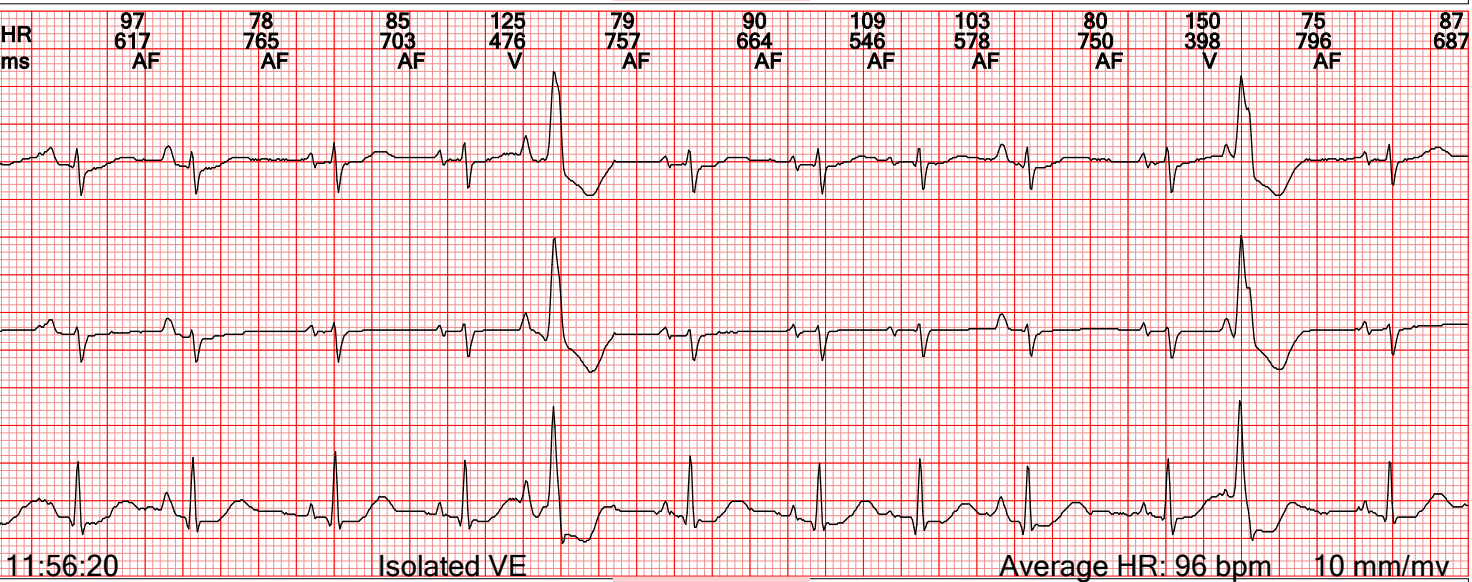
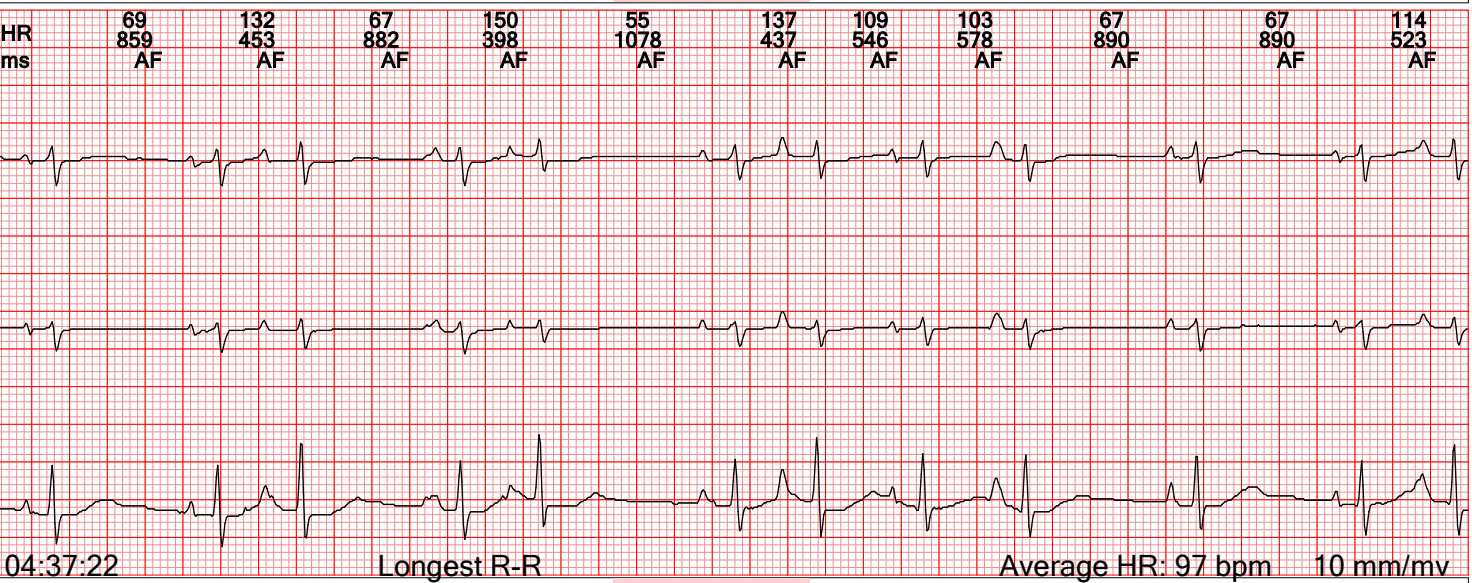
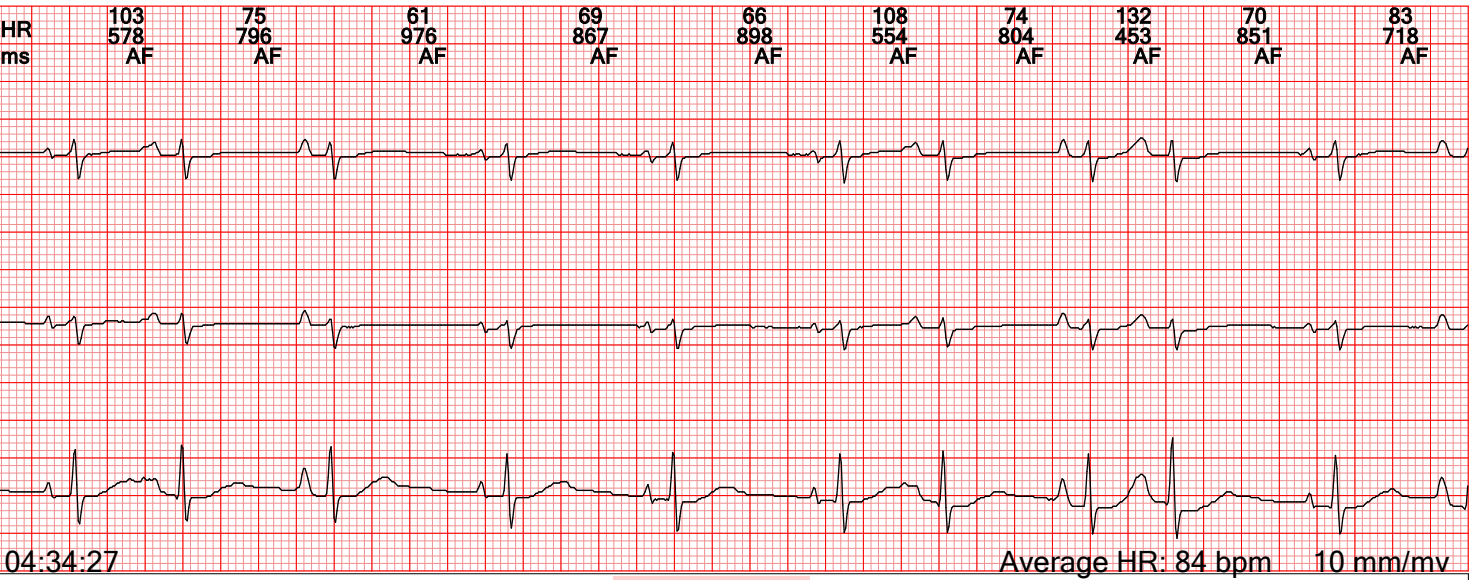


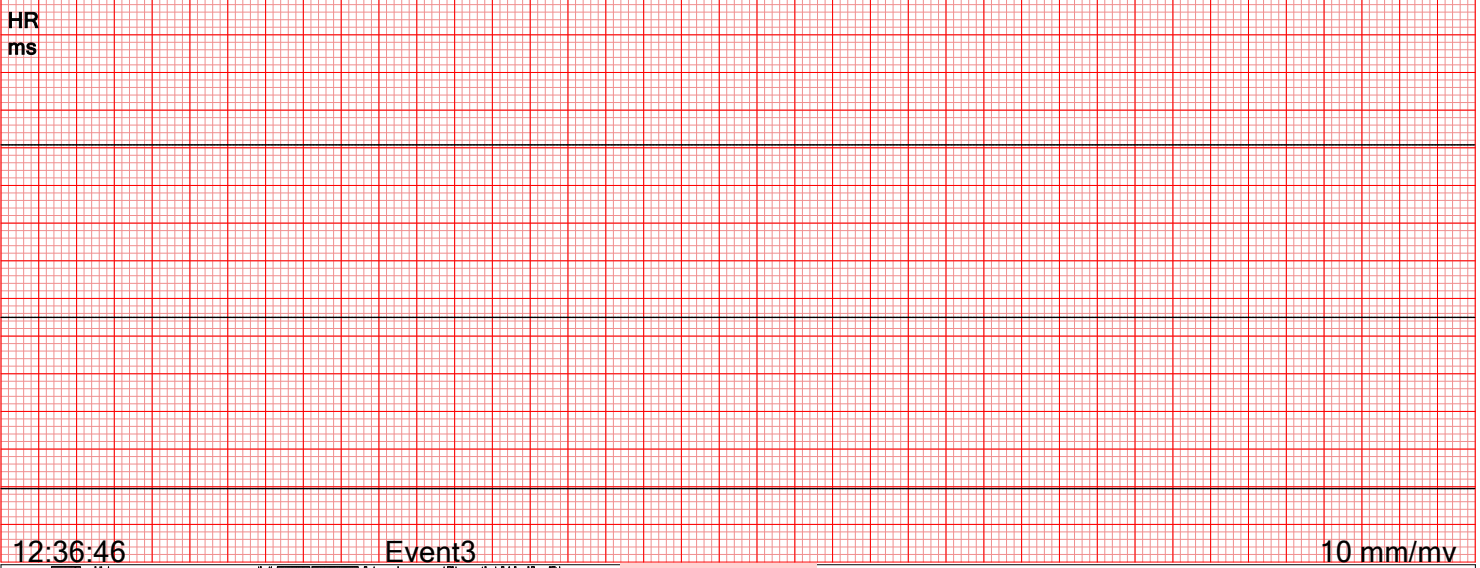
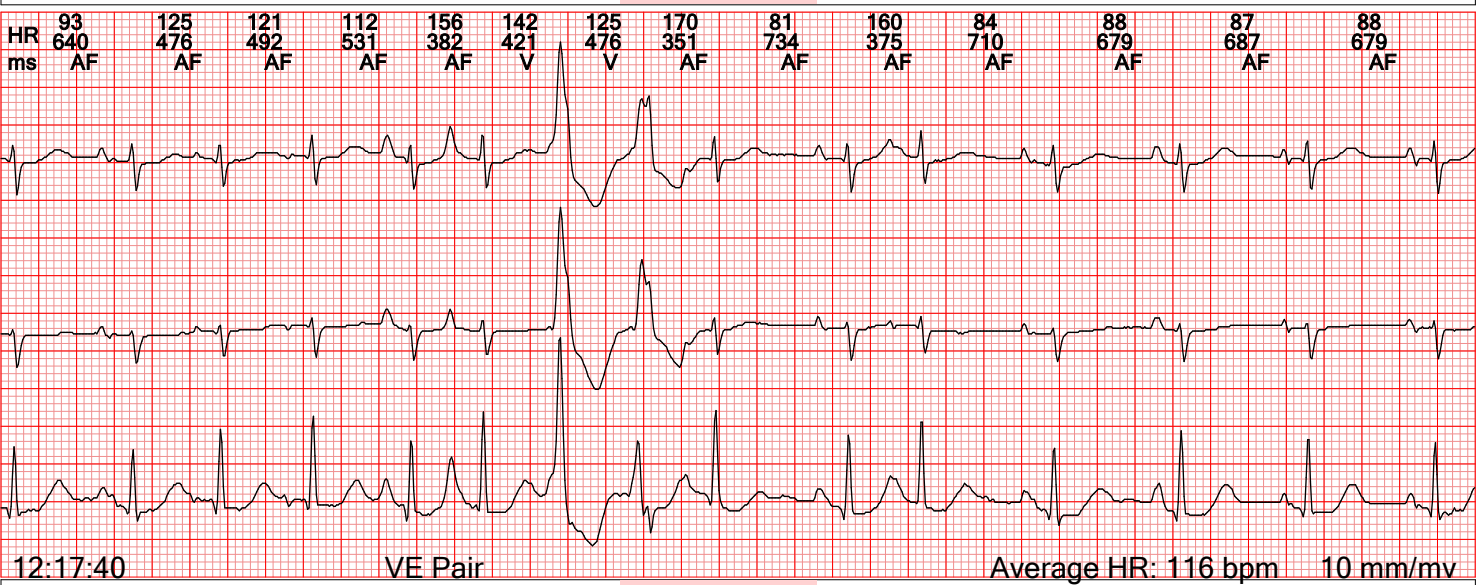
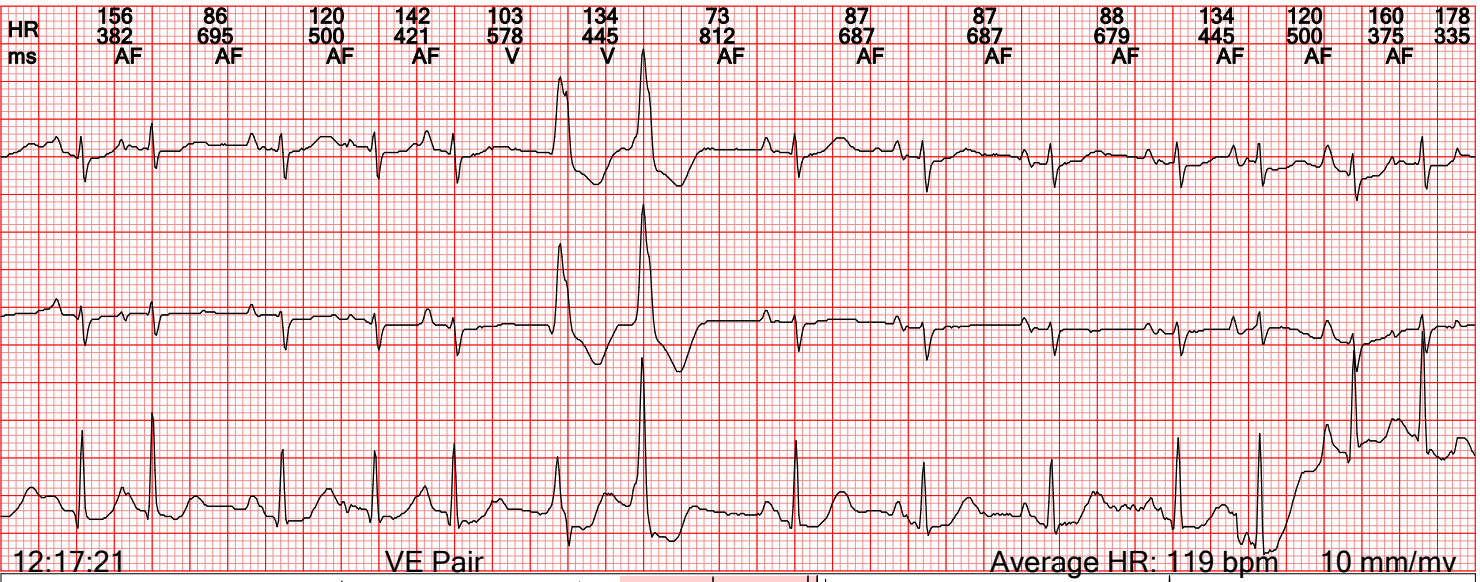












10/15/2019-12:00

HR ST

12:00

12:01

12:02

12:03

12:04

12:05

12:06

12:07

12:08

12:09

12:10

12:11

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12:57

12:58

12:59

148 0.2

151 0.5

150 0.8

149 0.4

143 0.4

135 0.3

133 0.2

124 0.2

120 0.0

119 0.0

122 0.0

130 -0.1

129 0.0

121 0.0

VE Pair

isolated VE

isolated VE

10/15/2019-13:00

