

Episode: SVT Timeout (187 bpm / 320 ms)

VT/VF Episode 3 of 3

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Mar 31, 2014 11:38 am

Duration

02:26 (M:S)

Detection Criteria

181 - 229 bpm

Alerts



Duration over 1 minute

SVT discriminators disagree

ATP therapy unsuccessful

SVT discrimination timeout

Therapy

1) ATP x 2

2) CVRT 20.0 J (618V)

Results

1) VT

2) Below Rate Detection
(CL 390 ms)

HV Therapy

Last HV Lead Impedance

36 Ω

Last Charge Time

5.9 sec

Delivered PW

+4.9 ms, -4.9 ms

ATP Therapy Details

VT ATP Therapy

Therapy 1

Burst 1 268, 268, 268, 268, 268, 268, 268, 268, 268 ms

Burst 2 260, 260, 260, 260, 260, 260, 260, 260, 260 ms

Diagnosis Summary

	Initial Diagnosis	Diagnosis
	SVT	VT due to SVT Timeout
Time to Diagnosis		123.50 sec
Rate (CL)	187 bpm (320 ms)	187 bpm (320 ms)
Zone	VT	
VT Diagnosis Criteria	All	All
Rate Branch Classification	Sinus Tach (V = A) Rate Branch	Sinus Tach (V = A) Rate Branch
Morphology	On, $\geq 60\%$ is a match, ≥ 5 matches indicate SVT	
Min Match Score	100%	100%
Max Non-Match Score	n/a	n/a
No. Template Matches	8 of 8 (SVT Indicated)	8 of 8 (SVT Indicated)
Sudden Onset	On, $< 12\%$ indicates SVT	
Max Delta	35 % (VT Indicated)	35 % (VT Indicated)

SVT Criteria Statistics

SVT Diagnoses during this episode 62

Measured SVT Discriminator values through initial VT/VF Diagnosis

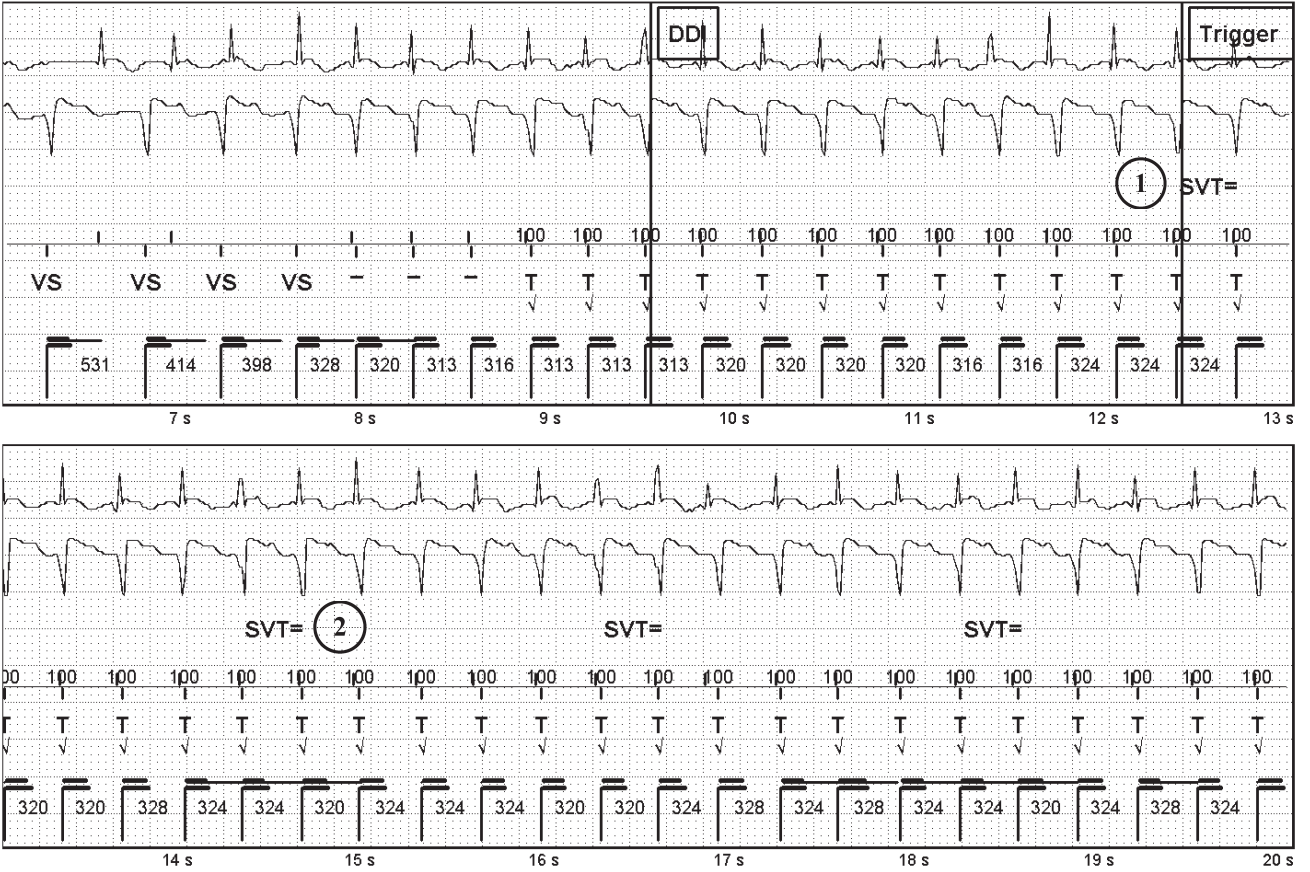
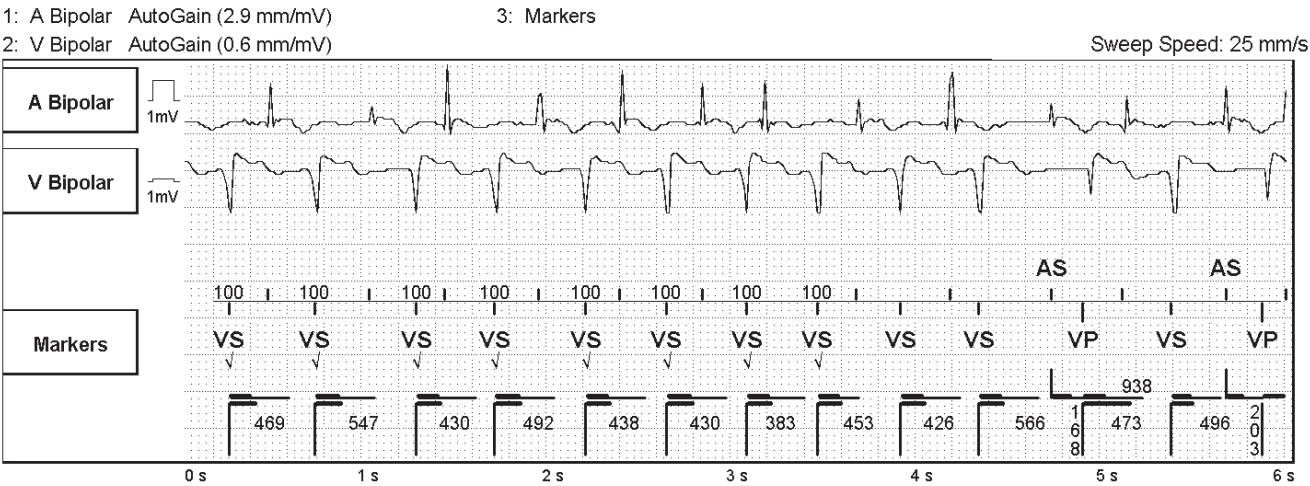
Min Match Score	100 %	Max Non-Match Score	n/a
Template Used	Jan 18, 2013 3:46 am	Max Onset Delta	35 %

DeFT Response® Settings (Shock Waveform)

Waveform	Biphasic	VF Shocks (Defib)	1st Phase	2nd Phase
Waveform Mode	Tilt	VT Shocks (CVRT)	65 %	65 %
Shock Configuration	RV to SVC & Can		Same as Defib	Same as Defib
RV Polarity	Anode(+)			
Defib Max Sensitivity	0.3 mV			

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Episode: SVT Timeout (187 bpm / 320 ms) (Continued)

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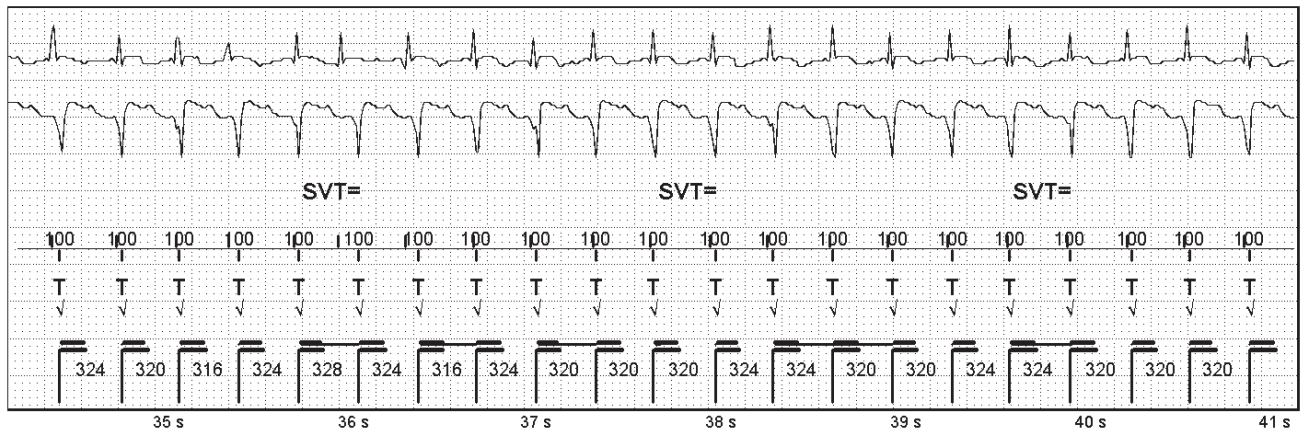
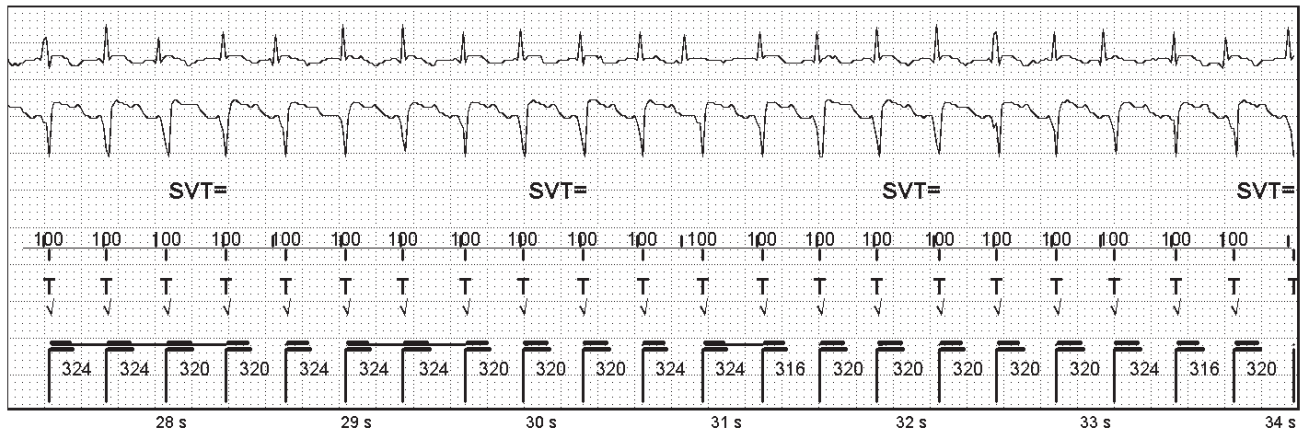
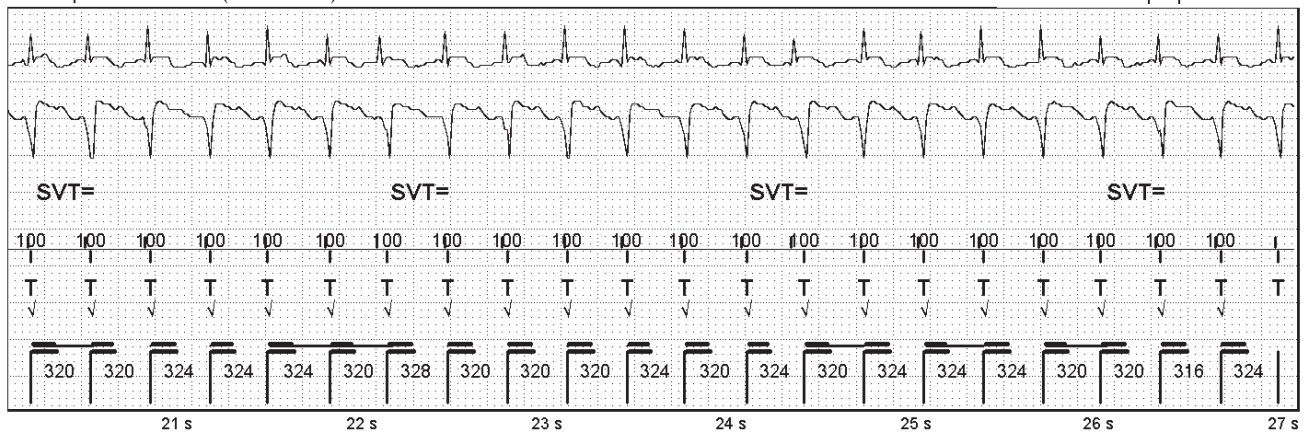
Mar 31, 2014 11:38 am

1: A Bipolar AutoGain (2.9 mm/mV)

3: Markers

2: V Bipolar AutoGain (0.6 mm/mV)

Sweep Speed: 25 mm/s



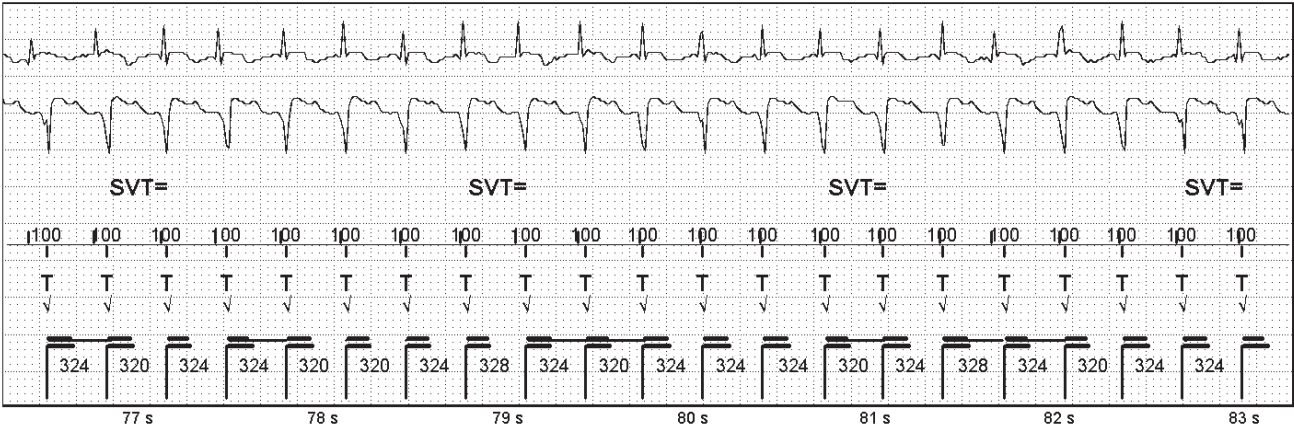
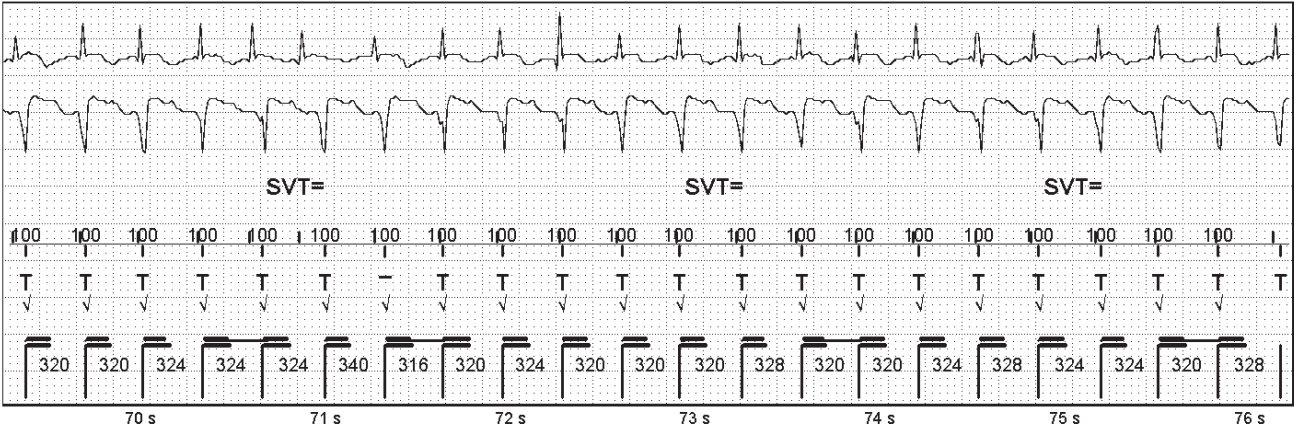
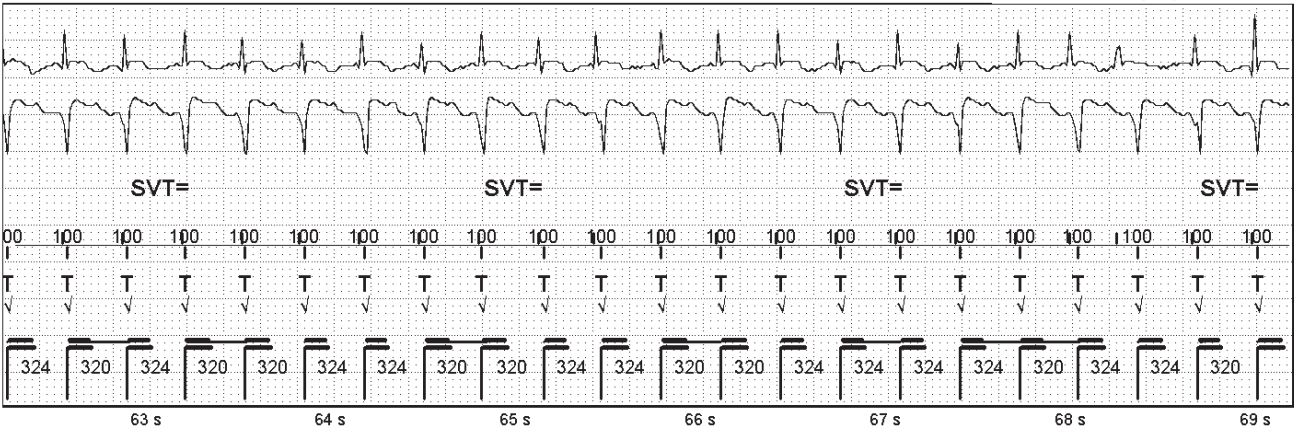
Episode: SVT Timeout (187 bpm / 320 ms) (Continued)

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1: A Bipolar AutoGain (2.9 mm/mV) 3: Markers
2: V Bipolar AutoGain (0.6 mm/mV) Sweep Speed: 25 mm/s



Episode: SVT Timeout (187 bpm / 320 ms) (Continued)

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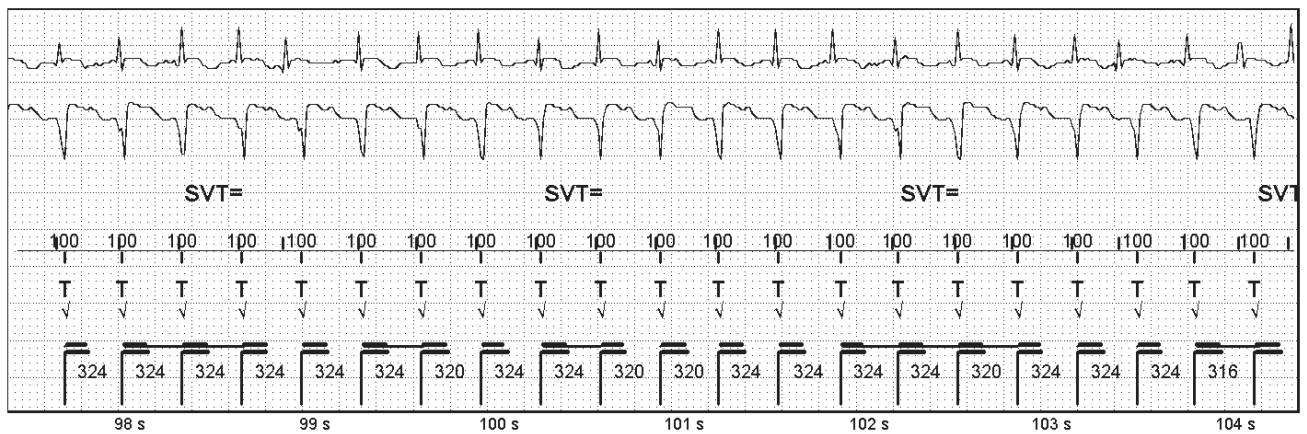
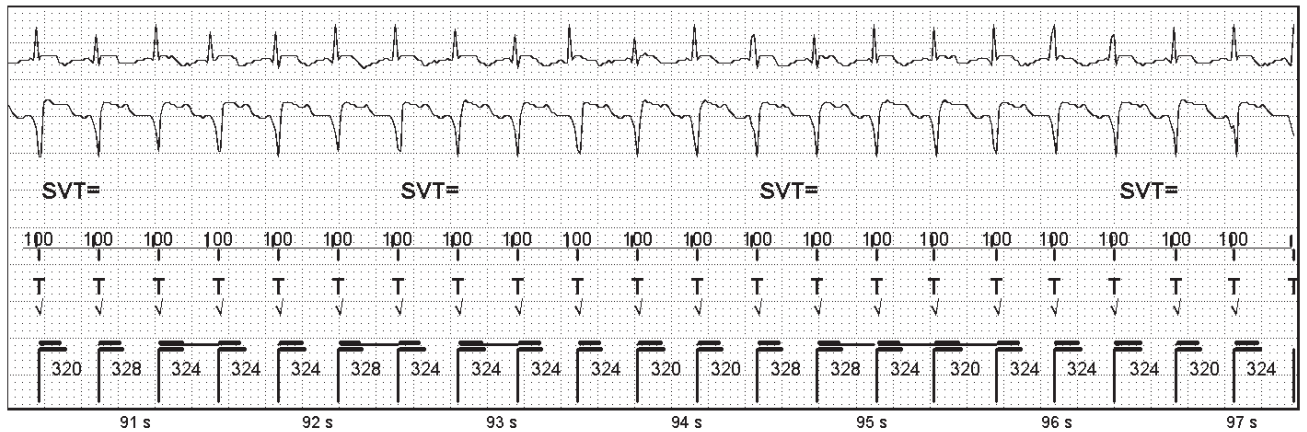
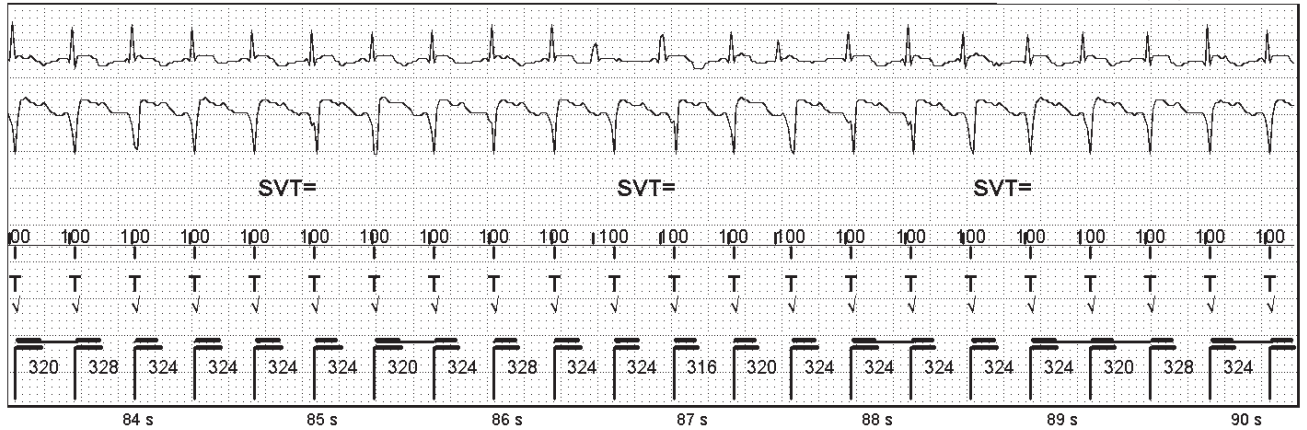
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Episode: SVT Timeout (187 bpm / 320 ms) (Continued)

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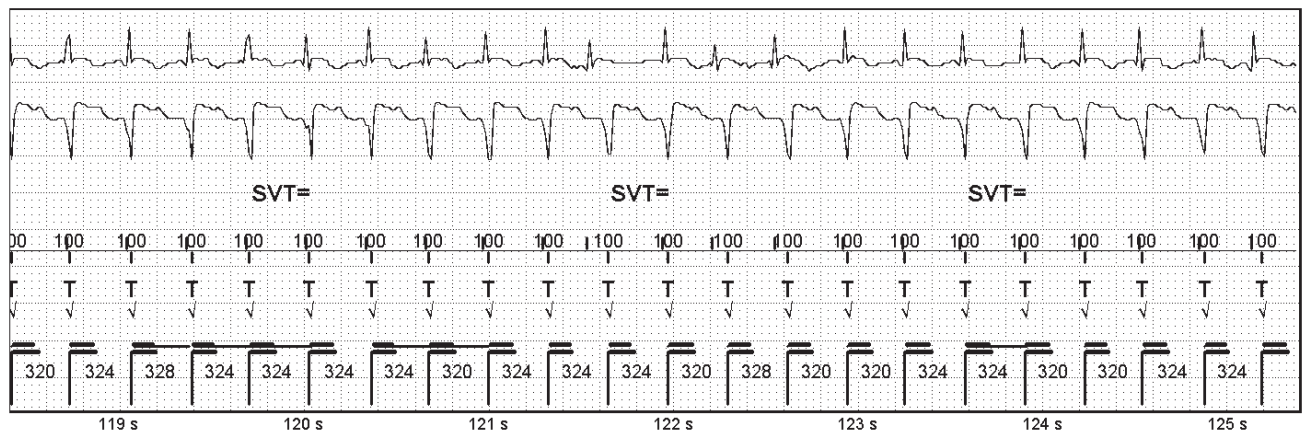
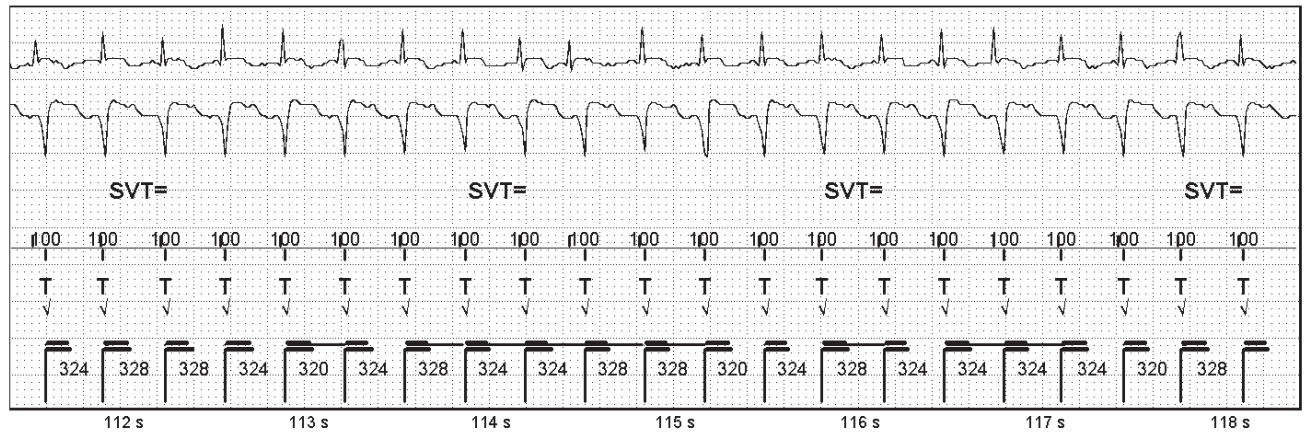
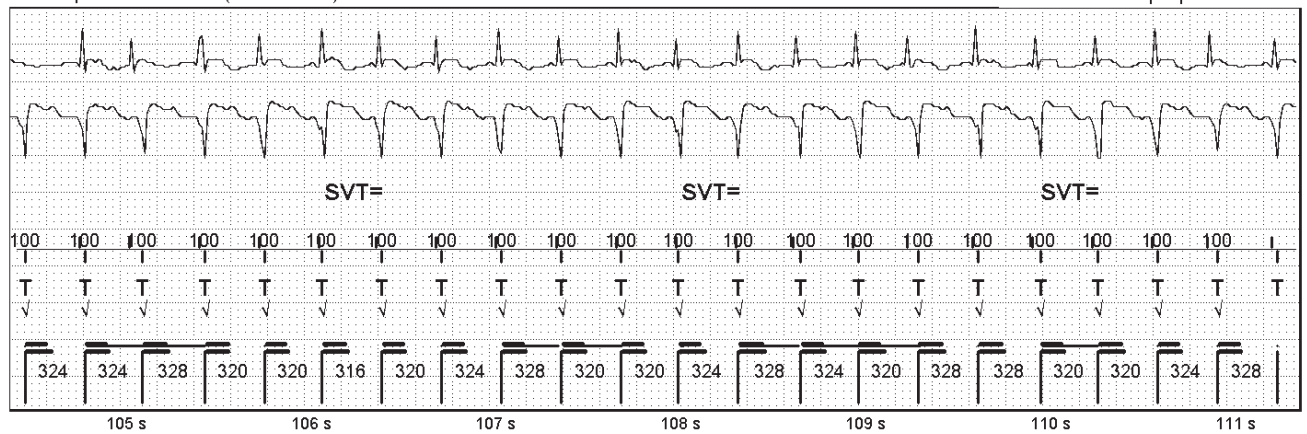
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3: Markers

2: V Bipolar AutoGain (0.6 mm/mV)

Sweep Speed: 25 mm/s



Episode: SVT Timeout (187 bpm / 320 ms) (Continued)

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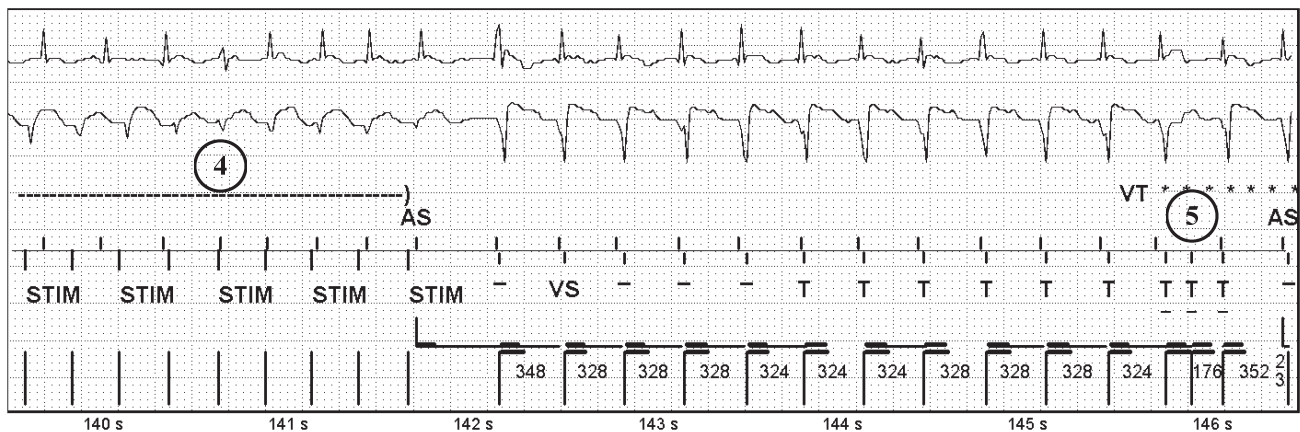
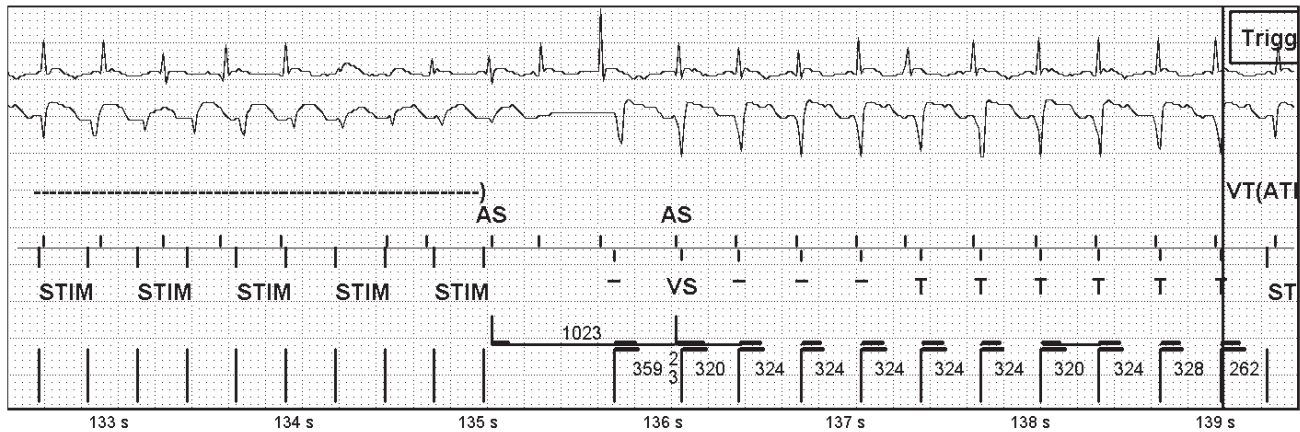
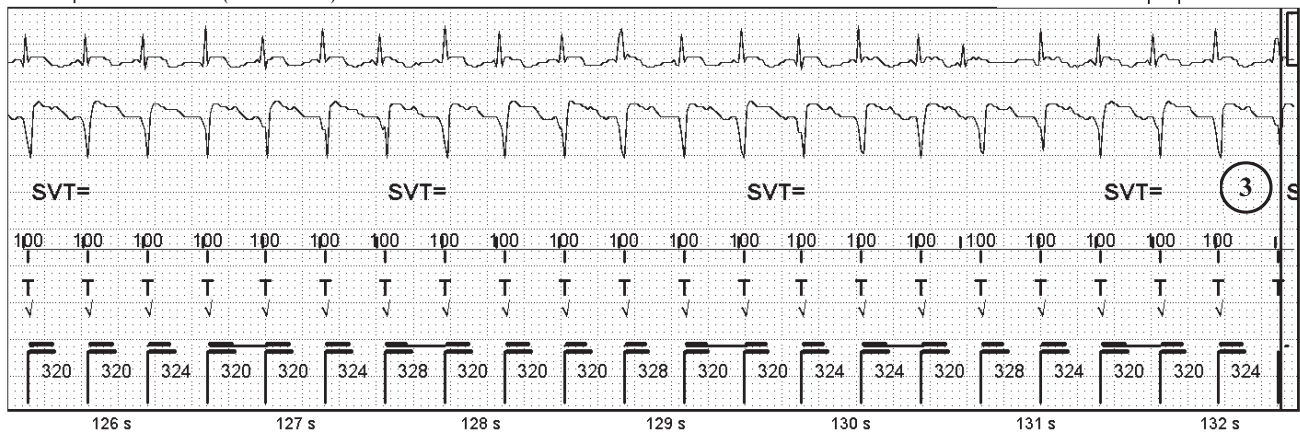
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1: A Bipolar AutoGain (2.9 mm/mV)

3: Markers

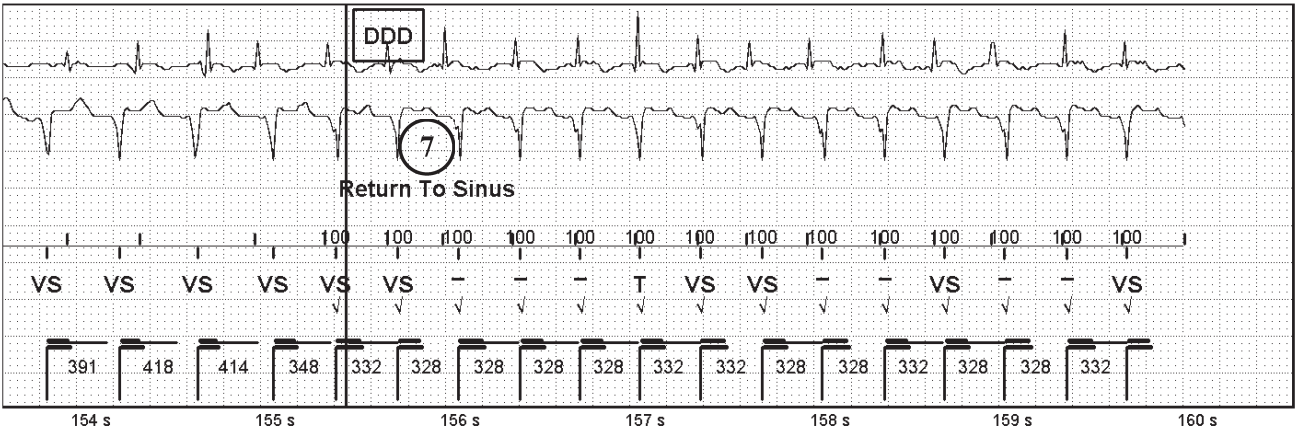
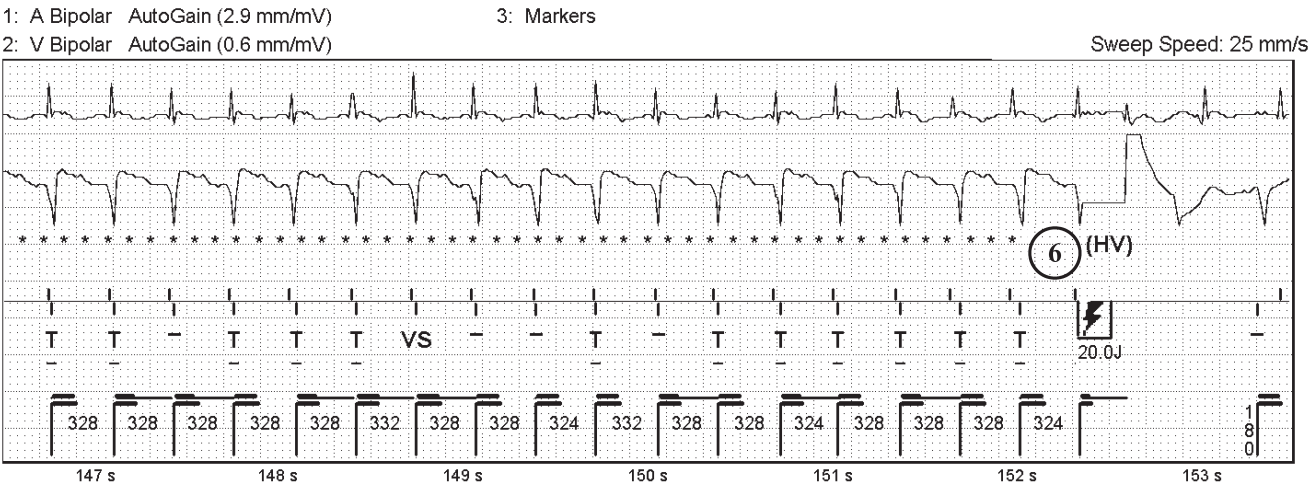
2: V Bipolar AutoGain (0.6 mm/mV)

Sweep Speed: 25 mm/s



Episode: SVT Timeout (187 bpm / 320 ms) (Continued)

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Episode: SVT (184 bpm / 325 ms)

VT/VF Episode 2 of 3

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Duration 00:24 (M:S)
Detection Criteria 181 - 229 bpm

No Alerts

Therapy

No therapies were delivered

Results

Diagnosis Summary

	Diagnosis
	SVT
Time to Diagnosis	6.50 sec
Rate (CL)	184 bpm (325 ms)
Zone	VT
VT Diagnosis Criteria	All
Rate Branch Classification	Sinus Tach (V = A) Rate Branch

Morphology

Min Match Score	On, $\geq 60\%$ is a match, ≥ 5 matches indicate SVT
Max Non-Match Score	100%
No. Template Matches	n/a
	8 of 8 (SVT Indicated)

Sudden Onset

Max Delta	On, $< 12\%$ indicates SVT
	1 % (SVT Indicated)

SVT Criteria Statistics

SVT Diagnoses during this episode 7

Measured SVT Discriminator values for Episode

Min Match Score	100 %	Max Non-Match Score	0 %
Template Used	Jan 18, 2013 3:46 am	Max Onset Delta	1 %

DeFT Response® Settings (Shock Waveform)

			1st Phase	2nd Phase
Waveform	Biphasic	VF Shocks (Defib)	65 %	65 %
Waveform Mode	Tilt	VT Shocks (CVRT)	Same as Defib	Same as Defib
Shock Configuration	RV to SVC & Can			
RV Polarity	Anode(+)			
Defib Max Sensitivity	0.3 mV			