

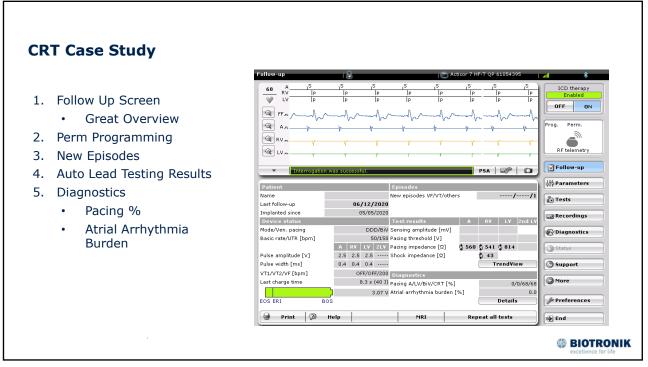
CRT Case Study

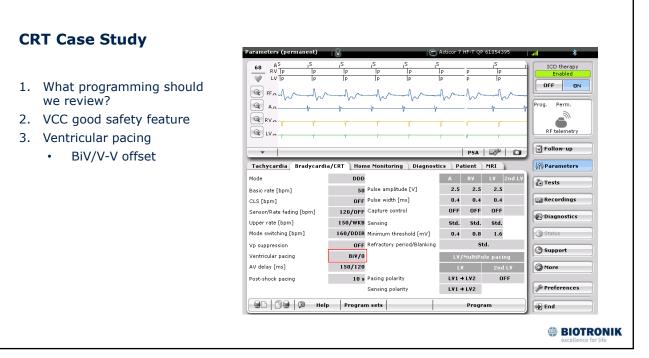
SCENARIO

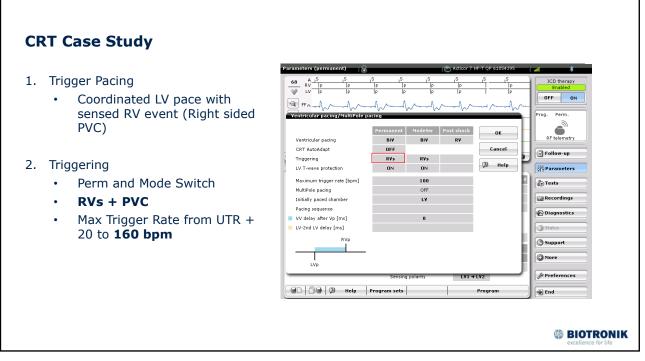
A patient is being followed on Home Monitoring and there is a significant reduction in his BiV and LV pacing. The patient is young and has recently started training for a marathon and has increased his exercise each week. He is not feeling great, but has continued to try to train.

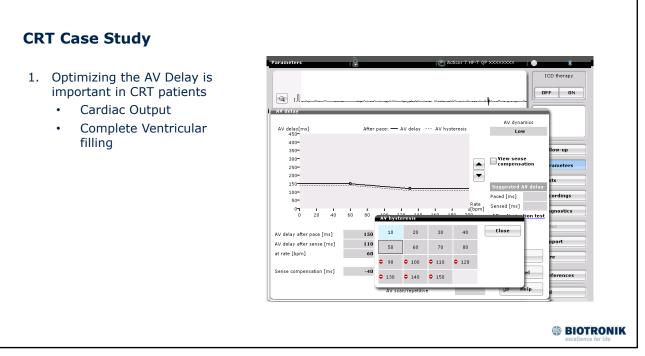
You are brought in today to see if there is something that can be optimized for this patient so he can continue to train for his race. He was in the ER about 3 months ago and the nurse said that an EP fellow had changed some programming, but she couldn't find what had been changed.

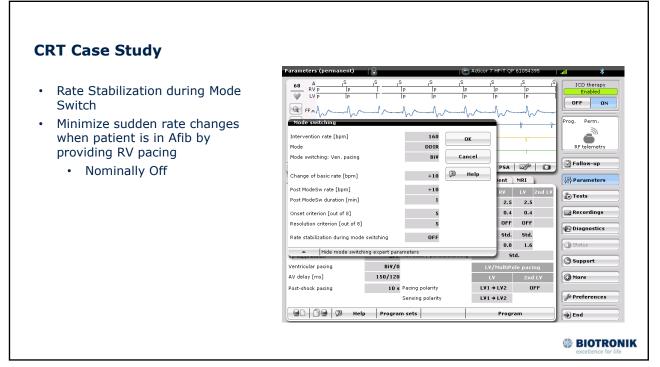
BIOTRONIK

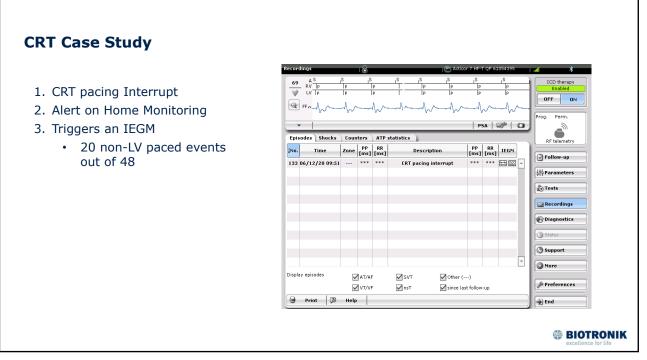


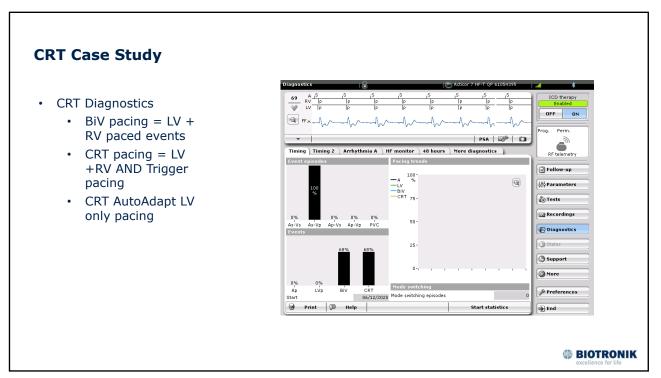


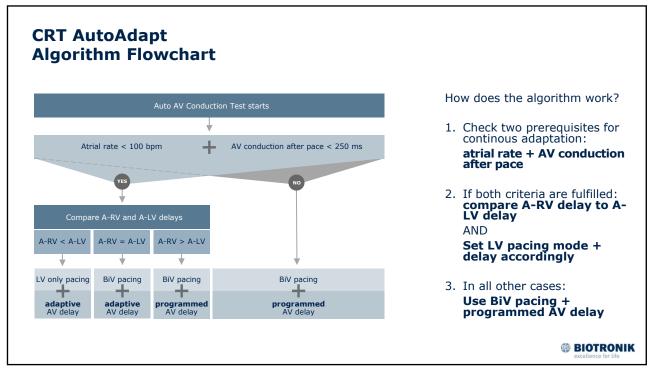


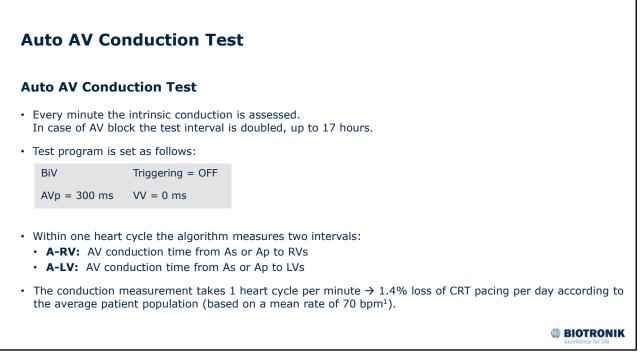


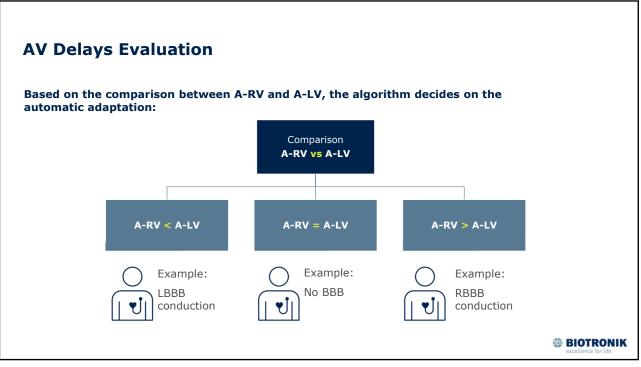




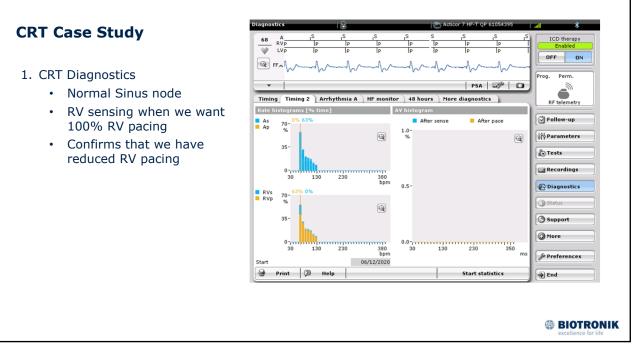


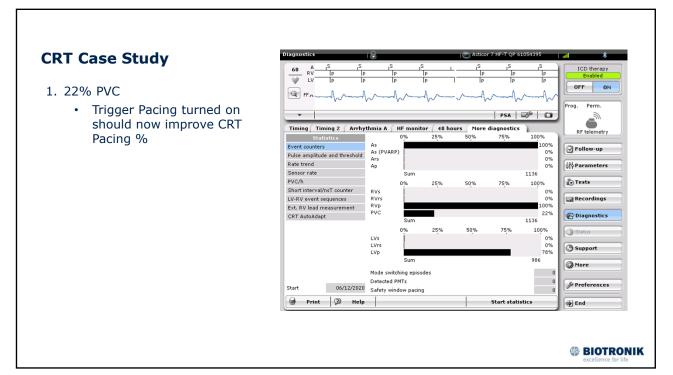


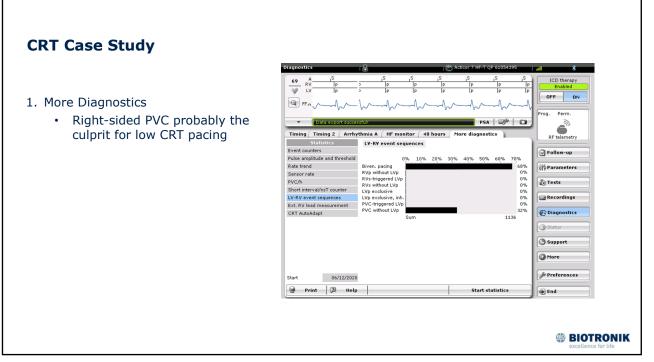


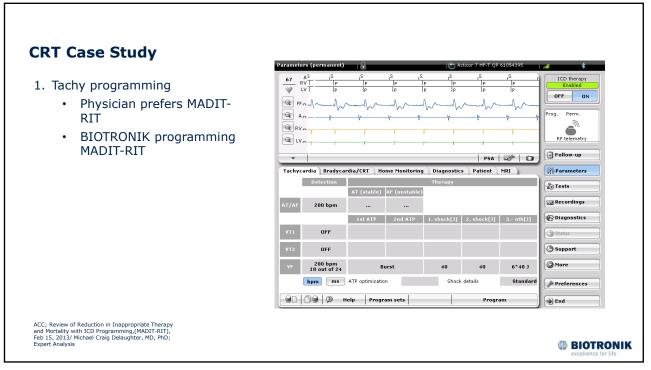


Statistics on CRT AutoAdapt are available in the Home Monitoring Service Center						
CRT						
Left ven. pacing (LVp) [%]	~~	87	87			
Bi∨ pacing [%]		13	14			
CRT pacing [%]	~~~	100	100			
CRT AutoAdapt						
Adaptive BiV pacing [%]	~~~	6	6			
Programmed Bi∨ pacing [%]	~~~	5	6			
Adaptive LV pacing [%]		89	89			
Mean adapted AV delay after pace [ms]	~~~	131	130			
Mean adapted AV delay after sense [ms]	~~~	92	91			







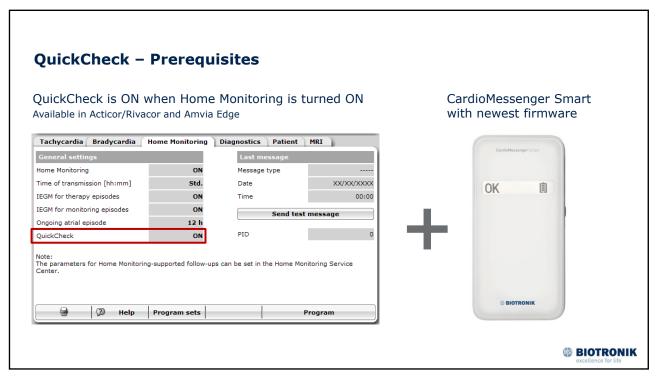


Three Therapy Zone Arm (Delayed)

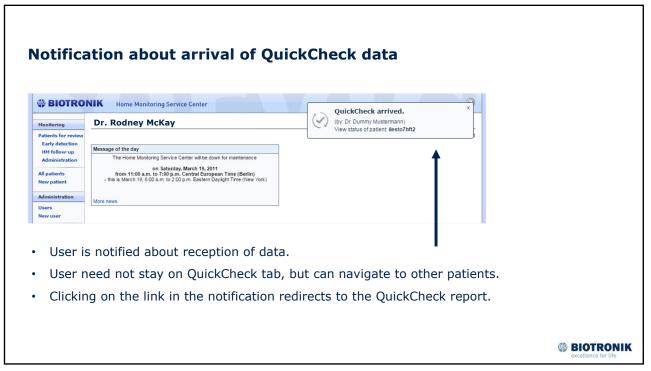
	VF Zone	VT2 Zone	VT1 Zone
Rate	250 bpm	200 bpm	171 bpm
Counter	18 out of 24	Detection Count: 40 Redetection count: 20	Detection Count: 100 Redetection count: 22
Detection	X out of Y	Smart Detection®	Smart Detection®
Therapy	ATP One-shot + Shock	ATP + Shock	ATP + Shock

1 Reduction in Inappropriate Therapy and Mortality through ICD Programming. N Engl J Med 2012; 367:2275-2283

BIOTRONIK



ohn Smith				
Back to overview 💿 🔾 Patient 0 / 0 (filtered) 🕞 🕑 PDF 🖒 Export				
Status on Jul 3, 2018 10:54 PM		Acticor 7 HT-T QP / SN: 12345678 Implantation: Market 12345678		
Status Device settings O Recordings	History Patient profile Options	QuickCheck		
Summary ODevice OLead OBradycard	iia/CRT 🕘 Atr. arrhythmia 🕘 Ven. arrhythmia 🕘 F	Physiologic. param. 🕘 HF monitor		
Automatic remark No anomalies det	ected			
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Summary	QuickCheck transmission has arrived QuickCheck transmission has arrived on Sep 23, 2010 5:15:34 AM	New.	✓ Acknowledge

