

Device Survival Summary continued

Model Number	Family	US Market Release	Registered US Implants	Estimated Active US Implants	Normal Battery Depletions	Malfunctions		Device Survival Probability (%)											
						Therapy Function Compromised	Therapy Function Not Compromised	Years After Implant											
								1 yr	2 yr	3 yr	4 yr	5 yr	6 yr	7 yr	8 yr	10 yr			
7275	GEM III DR	Nov-00	20,000	1,000	3,791	11	+ 27 = 38	99.9 +0.0/-0.0	99.9 +0.0/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1
	See page 150 – Performance note on ICD Battery Discharge Behavior								99.6 +0.1/-0.1	99.0 +0.1/-0.2	96.9 +0.3/-0.3	90.2 +0.5/-0.5	64.5 +1.0/-1.0	9.2 +1.1/-1.0					
7276	GEM III AT	Feb-01	14,000	300	2,954	7	+ 39 = 46	99.9 +0.0/-0.1	99.9 +0.0/-0.1	99.7 +0.1/-0.1	99.5 +0.1/-0.2	99.5 +0.1/-0.2	99.5 +0.1/-0.2	99.5 +0.1/-0.2	99.5 +0.1/-0.2	99.5 +0.1/-0.2	99.5 +0.1/-0.2	99.5 +0.1/-0.2	99.5 +0.1/-0.2
	See page 150 – Performance note on ICD Battery Discharge Behavior								99.6 +0.1/-0.1	98.9 +0.2/-0.2	96.1 +0.4/-0.4	84.4 +0.8/-0.8	49.5 +1.3/-1.3	7.7 +1.2/-1.1					
7278	Maximo DR	Oct-03	37,000	23,000	514	8	+ 25 = 33	100.0 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1
	Advisories: See page 140 – 2005 Potential Premature Battery Depletion Due to Battery Short								99.9 +0.0/-0.0	99.7 +0.1/-0.1	99.2 +0.1/-0.1	97.6 +0.2/-0.2	87.1 +1.0/-1.1	68.7 +3.5/-3.8					
7288	Intrinsic	Aug-04	31,000	20,000	196	7	+ 34 = 41	100.0 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1
	Onyx	Mar-04	1,000	1,000	7	1	+ 3 = 4	99.9 +0.0/-0.0	99.6 +0.1/-0.1	99.3 +0.1/-0.1	98.1 +0.2/-0.2	90.3 +1.7/-2.0							
7290	Onyx	Mar-04	1,000	1,000	7	1	+ 3 = 4	99.9 +0.1/-0.7	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8	99.5 +0.3/-0.8
	EnTrust DR	Jun-05	500	300	21	1	+ 3 = 4	99.8 +0.2/-1.4	99.1 +0.5/-0.9	98.2 +0.7/-1.2	96.9 +1.1/-1.7	96.0 +1.5/-2.4							
D153ATG, D153DRG	EnTrust DR	Jun-05	500	300	21	1	+ 3 = 4	99.8 +0.2/-1.4	99.8 +0.2/-1.4	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8	99.1 +0.6/-1.8
	See page 150 – Performance note on ICD Battery Discharge Behavior								99.5 +0.3/-1.4	99.5 +0.3/-1.4	97.5 +1.2/-2.4	90.0 +3.2/-4.7	85.7 +4.1/-5.5						
D154ATG, D154DRG	EnTrust DR	Jun-05	28,000	21,000	62	6	+ 22 = 28	100.0 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1	99.8 +0.1/-0.1
	See page 150 – Performance note on ICD Battery Discharge Behavior								99.9 +0.0/-0.1	99.7 +0.1/-0.1	99.3 +0.1/-0.1	97.3 +0.9/-1.4	97.3 +0.9/-1.4	97.3 +0.9/-1.4	97.3 +0.9/-1.4	97.3 +0.9/-1.4	97.3 +0.9/-1.4	97.3 +0.9/-1.4	97.3 +0.9/-1.4
D154AWG, D164AWG (Non-advisory population)	Virtuoso DR	May-06	62,000	58,000	35	18	+ 9 = 27	100.0 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0	99.9 +0.0/-0.0
	See page 150 – Performance note on ICD Battery Discharge Behavior								99.9 +0.0/-0.0	99.7 +0.0/-0.1	99.4 +0.2/-0.3	99.4 +0.2/-0.3	99.4 +0.2/-0.3	99.4 +0.2/-0.3	99.4 +0.2/-0.3	99.4 +0.2/-0.3	99.4 +0.2/-0.3	99.4 +0.2/-0.3	99.4 +0.2/-0.3

Device Survival Summary continued

Model Number	Family	US Market Release	Registered US Implants	Estimated Active US Implants	Normal Battery Depletions	Malfunctions		Device Survival Probability (%)										
						Therapy Function Compromised	Therapy Function Not Compromised	Years After Implant										
								1 yr	2 yr	3 yr	4 yr	5 yr	6 yr	7 yr	8 yr			
D154AWG D164AWG (Advisory population)	Virtuoso DR	May-06	4,000	3,000	1	1 + 82 = 83	Total	100.0 +0.0/-0.0	99.9 +0.1/-0.2	90.1 +2.9/-4.0 at 35 mo								
	Advisories: See page 136 – 2009 Potential Reduced Device Longevity							100.0 +0.0/-0.0	99.8 +0.1/-0.2	79.9 +4.2/-5.2 at 35 mo								
	See page 144 – Performance note on Anomalies in MOSFET Integrated Circuit Technology																	
D154VRC	EnTrust VR	Jun-05	14,000	11,000	21	5 + 14 = 19	Total	99.9 +0.0/-0.1	99.9 +0.0/-0.1	99.9 +0.1/-0.1	99.7 +0.1/-0.3 at 45 mo							
								99.9 +0.0/-0.1	99.6 +0.1/-0.1	99.4 +0.1/-0.2	98.7 +0.4/-0.5 at 45 mo							
D154VWC, D164VWC	Virtuoso VR	May-06	30,000	27,000	12	7 + 3 = 10	Total	100.0 +0.0/-0.0	100.0 +0.0/-0.0	100.0 +0.0/-0.0 at 30 mo								
	Advisories: See page 136 – 2009 Potential Reduced Device Longevity							100.0 +0.0/-0.1	99.7 +0.1/-0.1	99.7 +0.1/-0.1 at 30 mo								
	See page 144 – Performance note on Anomalies in MOSFET Integrated Circuit Technology																	
D224DRG	Secura DR	Sept-08	7,000	7,000	0	0 + 0 = 0	Total	100.0 +0.0/-0.0 at 8 mo										
								100.0 +0.0/-0.0 at 8 mo										
D224VRC	Secura VR	Sept-08	3,000	3,000	2	0 + 0 = 0	Total	100.0 +0.0/-0.0 at 8 mo										
								99.8 +0.1/-0.4 at 8 mo										
D284DRG	Maximo II DR	Sept-08	4,000	4,000	0	1 + 0 = 1	Total	100.0 +0.0/-0.2 at 8 mo										
								99.9 +0.0/-0.2 at 8 mo										
D284VRC	Maximo II VR	Sept-08	2,000	2,000	0	0 + 0 = 0	Total	100.0 +0.0/-0.0 at 8 mo										
								100.0 +0.0/-0.0 at 8 mo										