Real-world conditions

11.7 YEARS Boston Scientific always calculates longevity with important settings turned **ON**.

Projected Longevity

RPM

LATITUDE™ RPM Standard Use

- Daily Device Checks
- Monthly Full Interrogations

Onset EGMs

3 channel EGM Onset is set to On

SENSORS

Sensors On

Extend your expectations

Boston Scientific's new extended life ICD was built on proven battery technology backed by 187,000 implants. Designed with the largest battery capacity and features that optimize energy consumption, the EL ICD is projected to last 11+ years under real-world conditions.

References

1 Borleffs Recurrent Implantable Cardioverter-Defibrillator Replacement Is Associated with an Increasing Risk of Pocket-Related Complications.

2 Lekkerkerker, J.C. et al. Risk Factors And Time Delay Associated With Cardiac Device Infections. HEART 2009; 95:715-720 .

3 Boriani et al.: Impact of extending device longevity on the long terms costs of implantable cardioverter-defibrillator therapy: a modelling study with a 15-year horizon˙ Europace, 2013.

4 M. Rizwan Sohail, Mortality and Cost of Infection Associated with Cardiovascular Implantable Electronic Device Procedures, presented at ISDA, 2011.

5 Braid-Forbes MJ, et al. Mortality and cost associated with cardiovascular implantable electronic device infections. Arch Intern Med, published online Sept. 12, 2011 .

6 Poole et al.: Results From the REPLACE Registry, Circulation 2010;122;1553-1561. Complication Rates Associated With Pacemaker or Implantable Cardioverter-Defibrillator Generator Replacements and Upgrade Procedures.

7 Ramachandra I. PACE 33: 314-310, March 2010. Impact of ICD Battery Longevity on Need for Device Replacements – Insights from a Veterans Affairs Database.

8 Cardiac implantable electronic device infections: Presentation, management, and patient outcomes. Boston Scientific Physician Technical Manual 359060-001 EN Europe 2013-04

Real battery capacity

*ICD settings: RV/LV 500 Ω, 60 ppm LRL , 0% Pacing, 2.5 V RA/RV amp., 0.4 ms pulse width; RA 500 Ω; sensors On; 3 max. energy charge/ year, additional 5 charges for final year; 3-channel EGM Onset On; standard use of LATITUDE™ (incl. Daily Device Check On); 1h ZIP™ telemetry at implant time and 40 minutes annually

*CRT-D settings: DDDR mode; RV/LV 500 Ω, 70 ppm LRL; 100% biventricular pacing; 15% atrium pacing, 2.5 V RA/RV, 3.0V LV, 0.4 ms pulse width; RA 500 Ω; sensors On; 3 max. energy charge/year, additional 5 charges cycles for final year; 3-channel EGM Onset On; standard use of LATITUDE™ (incl. Daily Device Check On); 3h ZIP™ telemetry at implant time and 40 minutes annually

**This warranty applies to AUTOGEN™ EL, DYNAGEN™ EL & INOGEN™ EL. www.BostonScientific.com/warranty

***BSC warranty is independent of programming parameters and shocks delivered

CRM-271001-AA SEP2014 Printed in Germany by medicalvision.

Boston Scientific
Advancing science for life™

www.bostonscientific-international.com

DINCRM0859EA

Boston Scientific

Extend your expectations.

Continuing to build on the industry's longest-lasting battery technology.

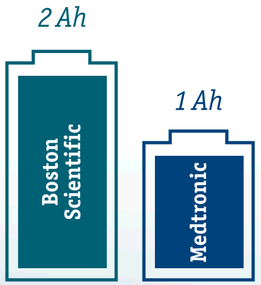
EL

Boston Scientific EL ICD

Designed to Last

A Bigger Battery

At 2 Ah, our EL battery has **double the capacity** of other available models.



Advanced Circuit Design

The EL ICD features the same great battery technology we introduced with COGNIS™ CRT-D and TELIGEN™ ICD in 2008.

- **Number of integrated circuits reduced from 3 to 2**
- **Memory doubled**
- **30% less power consumption than previous generation**

Longevity Benefits

"Longevity means cost savings over the next 10 years"

"Fewer changeouts means fewer complications"

"I want it to last as long as possible, worry-free"

Clinical & Economic Benefits

- Compared to a first implant, the cumulative incidence of surgical re-intervention following device replacement is 2.5 times higher – and goes up to 7-9% (Borleffs 2010)[1]
- Device replacement is an independent predictor of device infection (Lekkerkerker 2013)[2]
- Extending CRT-D and ICD device longevity produces approximately 30%* cost savings in the healthcare system over a 15-year horizon. (Boriani 2013)[3]
- Incremental costs due to infections relate to intensive care, which accounts for more than 40% of the difference in costs and to a significantly greater length of stay in hospital (Rizwan Sohail 2011)[4,5]
- Complications result in high costs and have a significant impact on patients' lives. (Poole 2010)[6]
- 30% of device related infections could be avoided if device batteries lasted at least 9 years (Ramachandra 2010)[7]
- Device infection requires removal of the entire system to eradicate the infection (Tarakij 2010)[8]

Full Feature Set

Proven Lead Reliability

RELIANCE 4-FRONT™ is the latest in ICD lead technology built on the industry-leading RELIANCE platform, which has 98.5% reliability at 10 years.[7]

HF and CI Management

AP Scan™ identifies patients at risk of severe sleep apnea, and **RightRate™** is clinically proven to restore Chrontropic Competence to better enable HF patients to exercise.

Appropriate Therapy

AcuShock™ Advanced is designed to help you better understand your patients' arrhythmias and reduce inappropriate therapy.

Appropriate Pacing

RYTHMIQ™ and **AV Search+** give clinicians options to appropriately manage RV pacing in patients with varying degrees of conduction block.

Patient Management

LATITUDE™ NXT wireless remote follow-ups with no impact on battery. Customizable, daily alert notifications via email and SMS.