



PLATINIUM

4LV CRT-D 1744

RA, IS-1
LV, IS4-LLLL
RV, DF4-LLHH



VVED - DDDR
SN 000EDDD



MICROPOR CRM S.R.L. - ITALY

SORIN

Featuring
The World's Greatest Projected Longevity.^{1,2,3,4}

Platinum 4LV

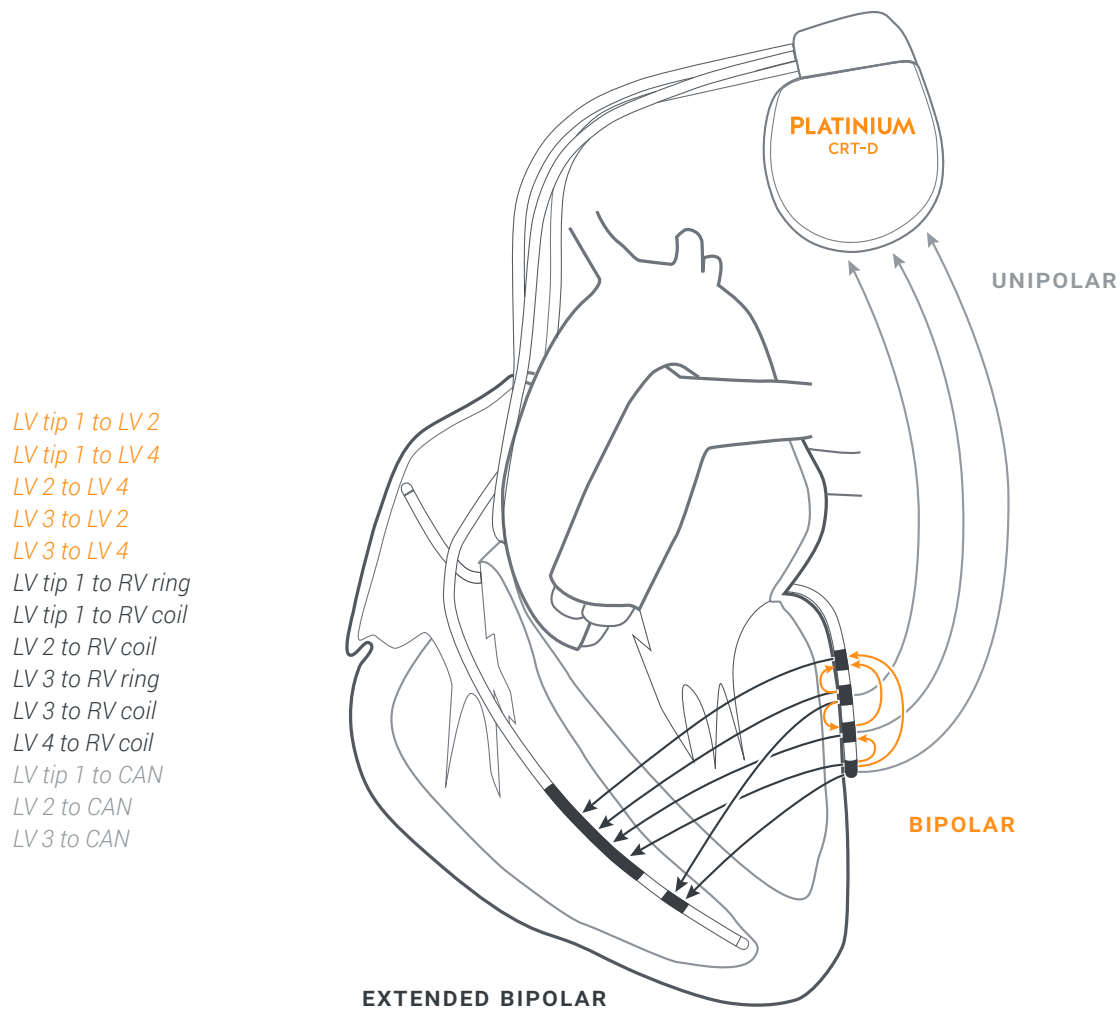


- ✓ **MULTIPLE CHOICE AMONG
14 LV VECTORS**
- ✓ **PROVEN THERAPEUTIC
FUNCTIONS: PARAD+™, BTO™**
- ✓ **SMALL SIZE AND ERGOFORM
DESIGN™**
- ✓ **WORLD'S GREATEST PROJECTED
LONGEVITY BACKED BY
WARRANTY SONR^{1,2,3,4,5}**

More LV vectors for flexible pacing.

MULTIPLE CHOICE AMONG 14 LV VECTORS.

- Reduced risk of phrenic nerve stimulation⁶
- Lower pacing threshold⁶



DEDICATED LV TEST ASSISTANT FOR QUICK LV PACING SELECTION

- Automatic sequential testing
- Results on all vectors at a glance
- Previous test data included

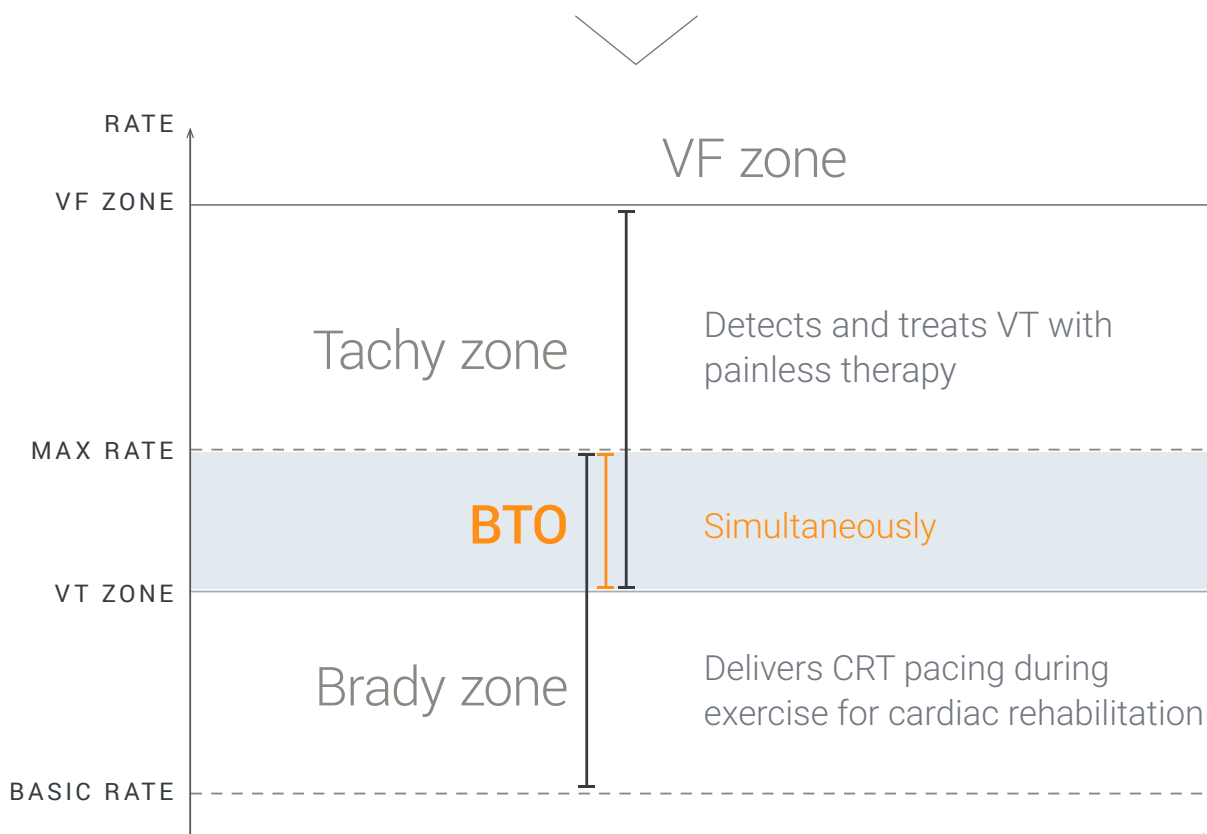
BTO™

ACTIVE RESYNCHRONIZATION

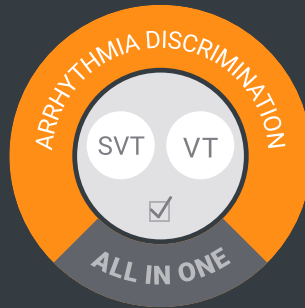
The world's only CRT-D device allowing
Brady-Tachy Overlap.



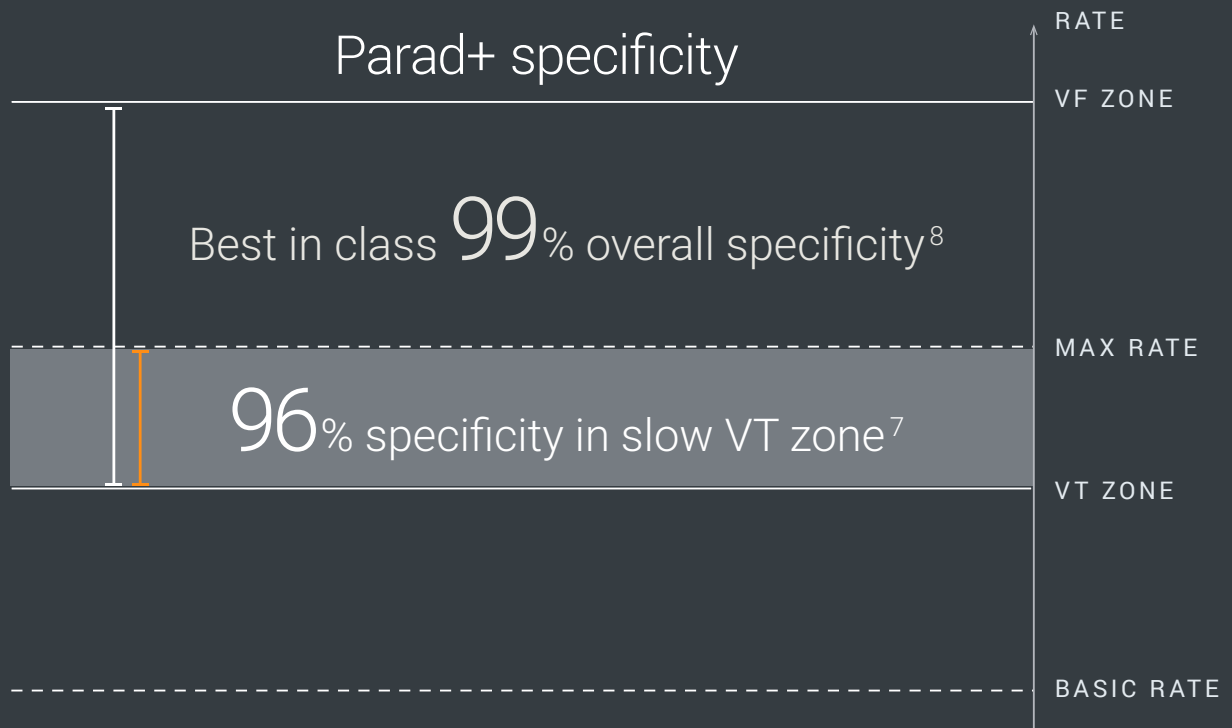
BTO ensures resynchronization whatever
the patients condition.



Parad+™



The proven PARAD+ discrimination algorithm enables safe overlapping of zones⁷





World's greatest projected longevity.^{1, 2, 3, 4}

10.9 years⁹

WITH EXTENDED 7-YEAR WARRANTY.⁵

Longevity is based on real life pacing conditions.⁹
Warranty applied regardless of the pacing conditions and therapy frequency.⁵

REFERENCES

1. Medtronic - VISIA AF MRI™ VR SureScan™ DVFB1D4 Device manual M961177A001 B 2015-07-02. EVERA™ XT DR DDBB1D4 Device manual M946302A001 F 2014-03-11. CLARIA MRI™ QUAD CRT-D SureScan™ DTMA2QQ Device manual M956980A001 B 2017-07-17.
2. Biotronik - ILIVIA™ 7 VR-T, VR-T DX, DR-T, HF-T, HF-T QP (ProMRI®) Technical Manual 417641 Revision: D (2016-08-09).
3. Saint Jude Medical - Bradycardia and Tachycardia Devices - Help Manual - June 2013 Art 60033180/A.
4. Boston Scientific - Physician's technical manual RESONATE™ HF ICD, RESONATE™ EL ICD, PERCIVA™ HF ICD, PERCIVA™ EL ICD, CHARISMA™ EL ICD, VIGILANT™ EL ICD, MOMENTUM™ EL ICD – Implantable Cardioverter Defibrillator - 360204-001 EN Europe 2016-09. Physician's technical manual RESONATE™ HF CRT-D, RESONATE™ CRT-D, RESONATE™ X4 CRT-D, CHARISMA™ CRT-D, CHARISMA™ X4 CRT-D, VIGILANT™ CRT-D, VIGILANT™ X4 CRT-D, MOMENTUM™ CRT-D, MOMENTUM™ CRT-D X4 – Cardiac Resynchronization Therapy Defibrillator 360203-001 EN Europe 2016-09.
5. For more details please refer to the following document supplied with the device: U668 - LIMITED WARRANTY for Platinum ICD and CRT-D devices.
6. Oswald H, Asbach S, Köbe J, et al. Effectiveness and Reliability of Selected Site Pacing for Avoidance of Phrenic Nerve Stimulation in CRT Patients with Quadripolar LV Leads: The EffaceQ Study. *Pacing Clin Electrophysiol.* 2015 Aug;38(8):942-50.
7. Sadoul N, Mletzko R, Anselme F et al. Incidence and clinical relevance of slow ventricular tachycardia in implantable cardioverter-defibrillator recipients: an international multicenter prospective study. *Circulation.* 2005 Aug 16;112(7):946-53.
8. Hintringer F, Deibl M, Berger T et al. Comparison of the Specificity of Implantable Dual Chamber Defibrillator Detection Algorithms. *Pacing Clin Electrophysiol* 2004; 27:976-82.
9. Longevity conditions for CRT-D models: Biventricular pacing in DDD mode, 30 % in atrium, 100 % in both ventricles, at 60 min⁻¹, 600 Ohm, A and RV pacing amplitude 2.5 V, LV pacing amplitude 3 V, 0.35 ms, 3 max shocks per year, sensor OFF. For all models: the longevities are calculated by taking into account 6 months storage with the following conditions: Remote ON: daily check, 4 follow-ups and 5 full alert reports per year. RF telemetry ON: 45 min for ICD / 120 min for CRT-D at implant + 15 min at discharge + 15 min at in-clinic quarterly FU.

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IN ITALY BY**

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