**INLIVEN**<sup>™</sup> – The Physio*logical* Solution.



Follows the breath



## INLIVEN<sup>™</sup> is the first<sup>1</sup> CRT-P relying on a physiological parameter - **respiration** - to:



Optimize pacing therapy thanks to RightRate<sup>™</sup>, based on Minute Ventilation Technology¹.

ACC/AHA/ESC Guidelines recommend exercise training of HF patient as part of the treatment, reducing mortality and improving Quality of Life<sup>2</sup>



Provide you with valuable screening and diagnostic information on Sleep Apnea and Respiratory Rate, for risk stratification and co-morbidity management.<sup>1</sup>

ACC/AHA/ESC Guidelines for the Diagnosis and Treatment of Acute and Chronic Heart Failure recommend the measurement and documentation of physiological vital signs including Respiratory Rate for cardiac patients<sup>3</sup>

## INLIVEN™ is designed to:



Provide your patient with optimal CRT therapy and physiological pacing thanks to RightRate<sup>™</sup> technology.

Maximize efficiency and ease of use with auto-thresholds and user-friendly interface to provide you with assurance, first.

- 1. To date March 2013 388686-020 Inliven PTM EN Europe PDF 1.0, MEDTRONIC CONSULTA CRT-P C3TR01 Clinical manual M927876A001C, BIOTRONIK EVIA HF-T ProMRI Manual Version 387513-C, ST. JUDF MFDICAL ANTHEM Anthem CRTP RF 3712 SpecSheet Intl Ref (BMCRM459)
- 2. ACC/AHA 2005 Guideline Update for the Diagnosis and Management of Chronic Heart Failure in the Adult. A Papor of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. SH Hurt et al. Circulation. 2005;11:e154-e255 Older Hot PSC K. Swedberg et al., BHJ 2005
- 3. ACC/AHA Heart Failure Clinical Data Standards. Circulation, Vol. 112 (12), September 20,2005 Dickstein et al. European Heart Journal 2008, doi: 10.1093/eurheart/ehr309 Mont et al. Daily maximum and median respiratory rate becomes elevated several weeks before heart failure hospitalization in petients with implantable devices. Poster Europace 2009.

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