

# EMBLEM™ S-ICD SYSTEM

Subcutaneous Implantable Defibrillator

## ImageReady™

The EMBLEM S-ICD System offers **ImageReady MRI-conditional scan capabilities** and INSIGHT™ technology with **SMART Pass** to further reduce inappropriate shock rates due to TWOs.

## EMBLEM S-ICD is ImageReady

EMBLEM S-ICD provides **full-body, MRI-conditional** scan capabilities for a 1.5T environment<sup>1,2\*</sup>

\*When conditions of use are met

- ✓ 1.5T MR-conditional
- ✓ Automatic MRI Timeout Mode
- ✓ No exclusion zones
- ✓ No time limitations during MRI scan<sup>1,2</sup>
- ✓ No patient restrictions
- ✓ Simple programmer interface
- ✓ Dedicated MRI report for clinic documentation
- ✓ MRI mode viewable on LATITUDE™



Easy to programme device into MRI Protection Mode

Automatic MRI Timeout Mode

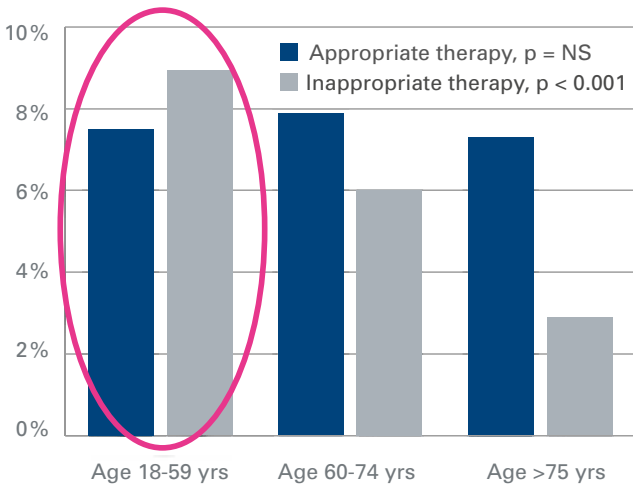


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## SMART Pass

Advanced INSIGHT™ with SMART Pass technology provides superior arrhythmia discrimination

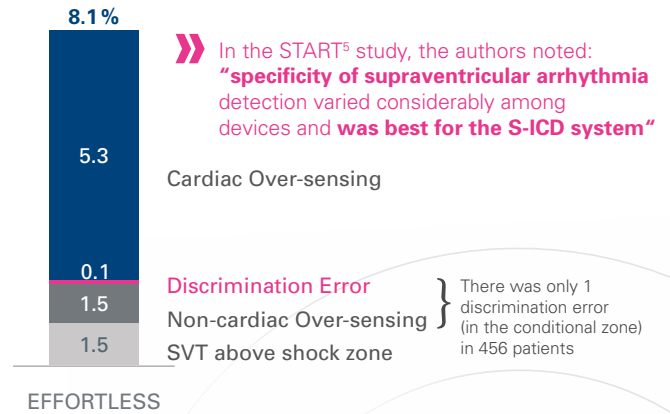
### Younger patients\* are at higher risk of IAS<sup>3,4</sup>



N = 5539 primary prevention; Men FU: 3.1 ± 2 year; Younger age associated with a greater risk of IAS\*\*  
\* <65 (10-15 years life expectancy) as defined by ESC Guidelines for Management of Atrial Fibrillation, 2011

### S-ICD is excellent at appropriately identifying (and not shocking) Afib/SVT in the conditional zone

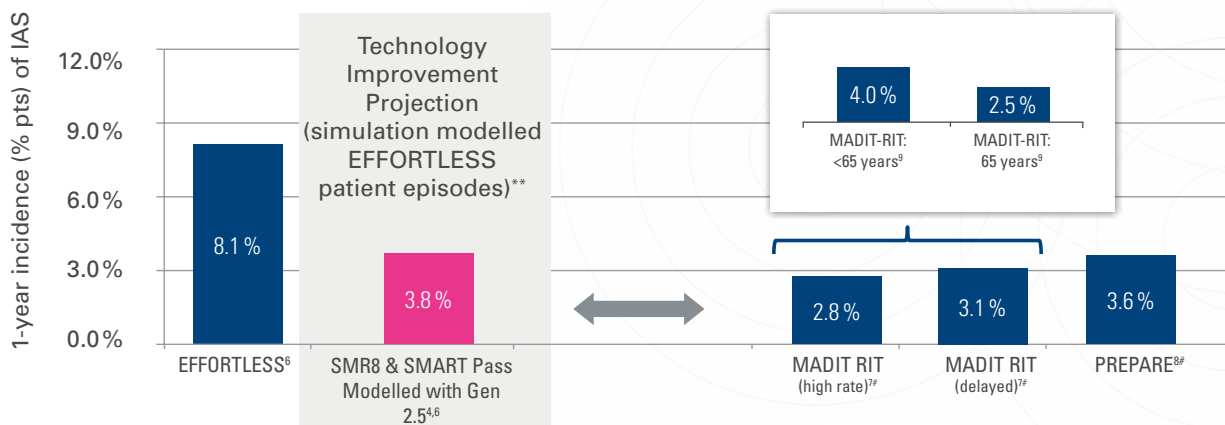
#### Inappropriate Therapy Rate (% of Patients, 360 days)



## Reported Inappropriate shock rates and projected technology impact\*

\*as determined via modelled projections

» SMART Pass technology reduced T-wave oversensing (TWOS) by 82% compared to the Gen 1 S-ICD and 71% compared to the EMBLEM S-ICD<sup>4</sup>



Note: SMART Pass will be automatically disabled when measured ECG amplitudes are <0.5mV  
# These studies involved transvenous ICDs only  
\*\* % reduction in IAS was applied to IAS episodes from EFFORTLESS to get a modelled reduction rate

- EMBLEM MRI S-ICD A219 User manual 359481-001 EN EU 2015-11
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- Gold, M. R., et al. (2011). "Head-to-Head Comparison of Arrhythmia Discrimination Performance of Subcutaneous and Transvenous ICD Arrhythmia Detection Algorithms: The START Study." J Cardiovasc Electrophysiol. In press Epub, doi: 10.1111/j.1540-8167.2011.02199
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