

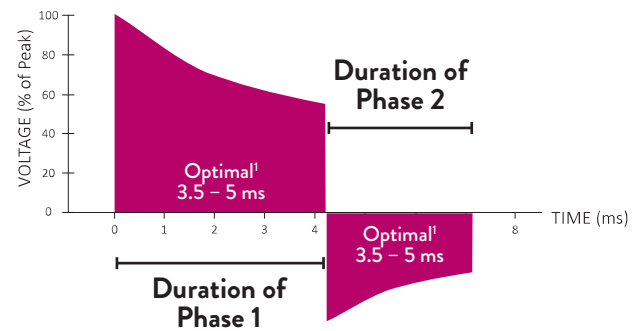
PROGRAMMABLE SHOCK DURATION

Power. Under Control.

Exclusively from Abbott.

SHOCK OPTIMIZATION HAS NEVER BEEN MORE IMPORTANT.

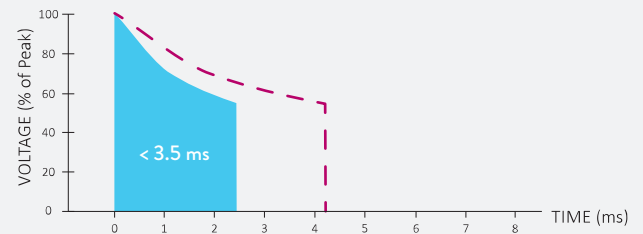
- DFT testing is less common
- More implanters are choosing single coil leads, which may lead to higher impedances and **LONGER, SUB-OPTIMAL¹** shock durations



WHY DOES IT MATTER?

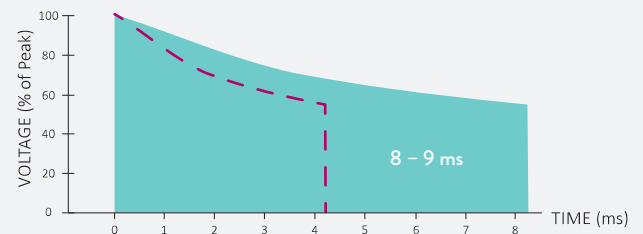
Shock duration varies with impedance in fixed tilt systems

TOO EARLY could mean there was insufficient time to convert the rhythm



LOWER IMPEDANCE shifts the shock waveform **TO THE LEFT** resulting in a **SHORTER DURATION**.

TOO LATE can reinitiate VF



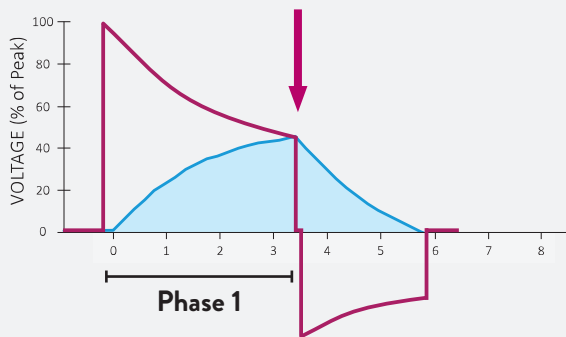
HIGHER IMPEDANCE shifts the shock waveform **TO THE RIGHT** resulting in a **LONGER DURATION**.

Patients with **SINGLE COIL LEADS** are more likely to benefit from programmable shock waveforms.²

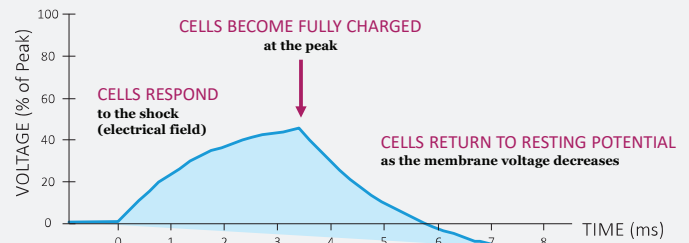
WHEN AND HOW YOU DELIVER ENERGY MATTERS

WHEN?

The goal is to end the first phase of the shock **AT THE PEAK** of the Patient Response Curve³



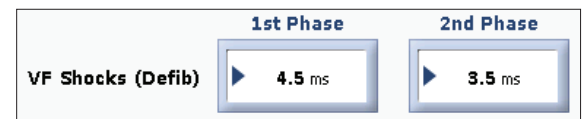
The Patient Response Curve



HOW?

DeFT Response™ technology allows **FIXED PULSE WIDTH PROGRAMMABILITY**, or the ability to control the length of each phase

- Non-invasively adjust the shock waveform
- Program the optimal 3.5 – 5 ms duration¹



Abbott ICDs offer **PROGRAMMABLE SHOCK DURATION**.
The best opportunity for success with your patients.

1. Kroll MW, Schwab JO, Fundam Clin Pharmacol 2010;24(5):561-573
2. Gabriels et al. Defibrillation Waveform Duration Adjustment Increases the Proportion of Acceptable Defibrillation Thresholds in Patients Implanted with Single-Coil Defibrillation Leads. Circulation 2013. 124:71-75
3. Kroll M.W. and Swerdlow C.D Optimizing defibrillation waveforms for ICDs J Interv Card Electrophysiol (2007) 18:247-263

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Rx Only

Brief Summary: This product is intended for use by or under the direction of a physician. Prior to using these devices, please review the Instructions for Use for a complete listing indications, contraindications, warnings, precautions, potential adverse events and directions for use.

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