

COGNIS™ CRT- D & TELIGEN™ ICD

COGNIS™ CRT-D

The COGNIS CRT-D (Figure 8) is an innovative technology platform that offers versatile programming options and a user-friendly interface for optimal treatment, maximum safety and the opportunity for convenient home-based patient monitoring and follow-up. At 9.9 mm thick, COGNIS is one of the smallest and thinnest high-energy devices in the world. It has extended battery longevity with a predictable and stable charge time throughout the entire life of the device. Key features include SmartDelay™ which optimises the pacing of the left and right ventricles so that they contract fully at the same time, Bi-V Trigger which helps physicians manage heart failure patients with frequent atrial arrhythmias, and Electronic Repositioning™ which may help avoid additional surgical procedures by offering six different configurations for stimulating the left side of the heart without having to move the wires.



Figure 8. The COGNIS CRT-D device

TELIGEN™ ICD

The TELIGEN ICD (Figure 9) is an entirely new platform for treating heart failure and sudden cardiac death. TELIGEN provides physicians with enhanced clinical options for their patients. Significant engineering advances have provided extended battery longevity, with a charge time that is predictable and stable throughout the entire life of the device. Other advances include self-correcting software and improved programming technology, while

SafetyCore™ is included in the unlikely event of system error. Key features of the TELIGEN ICD include Reverse Switch Mode™ which eliminates unnecessary ventricular pacing, and Quick Convert™ which provides patients with pacing therapy for ventricular tachycardias. In addition, TELIGEN is one of the world's thinnest ICD devices at 9.9 mm and is designed for maximum patient comfort.



Figure 9. TELIGEN ICD