

## ALTRUA™

The ALTRUA family of pacemakers (Figure 10) provides physicians with a number of diagnostic and therapeutic capabilities that allow tailoring to meet specific patient needs. These capabilities include Multiple Atrial Ventricular Delay programming options designed to reduce unnecessary right ventricular pacing without dropping ventricular beats. The Minute Ventilation Blended Sensor with Auto Lifestyle treats chronotropic incompetence (the inability of the heart to appropriately regulate its rate in response to physical activity or emotional stress), while ventricular Rate Regulation stabilises the patient's heart rhythm, reducing the symptoms of atrial fibrillation. Automatic Capture offers automatic, safe and accurate ventricular pulse management, checking each individual heart beat to see if the lower chambers of the heart contract in response to the delivered pulse. If no contraction is detected, a backup pace with more energy is automatically delivered. The ALTRUA device is also designed to be very easy to use, even with its advanced diagnostic capabilities, allowing physicians to spend more time with patients rather than programming the device.



Figure 10. The ALTRUA family of devices