

# St. Jude Medical Neuromodulation, ANS Division



Advanced Neuromodulation Systems became part of St. Jude Medical in 2005. Today, the ANS Division is an innovative technology leader dedicated to the design, development, manufacturing and marketing of implantable neuromodulation systems to improve the quality of life for people suffering from disabling chronic pain and other nervous system disorders. For more information, please visit [www.ans-medical.com](http://www.ans-medical.com).



Chronic pain is just one of the medical problems for which the ANS Division is developing neuromodulation therapies. Texas Instruments produces the microcontrollers that the ANS Division uses in its pioneering medical devices.

**“St. Jude Medical’s ANS Division and Texas Instruments have benefited from sharing their innovative technologies and talents,”** says Chris Chavez, president of St. Jude Medical’s ANS Division. **“Working together, TI technology is enabling us to develop groundbreaking medical devices that make life better for chronic pain patients worldwide.”**

# St. Jude Medical Neuromodulation, ANS Division

The Eon<sup>®</sup> spinal cord stimulation system is approved for the treatment of chronic pain of the trunk and limbs and failed back surgery syndrome. The implanted device sends mild electrical pulses to leads located near the spinal cord, interrupting the pain signals as they travel to the brain.



**Eon<sup>®</sup> spinal cord stimulation system**

# St. Jude Medical Neuromodulation, ANS Division

## Customer testimonial

### **Beth McDonald, Spinal Cord Stimulation Patient**

Even after 17 years of chronic pain, Beth McDonald never gave up on finding relief. The former national champion gymnast dreamed of being active again, tirelessly researching her condition and various treatments.

Beth's chronic pain was the result of a fall that left her confined to a wheelchair with a constant burning sensation in her leg and sensitive to even the slightest touch. After seeing 143 doctors across the country and undergoing 28 major surgeries, including a leg amputation, Beth continued to have severe pain. When a pain management specialist suggested spinal cord stimulation (SCS), she was skeptical but decided to try it.

After having an SCS system permanently implanted, Beth's pain decreased dramatically, and she was able to completely eliminate her medications. Most importantly, after 17 years in a wheelchair, Beth is walking again with a prosthetic leg.

"SCS has given me back my life," says Beth. "I'm able to walk again, I'm not on drugs all the time, and I'm able to play with my daughter. It changed everything. It changed my whole life." Today, Beth has become an advocate for SCS as a method of pain control. She encourages chronic pain sufferers to not give up hope because after almost two decades of pain, she found a solution that was "a pure miracle in my life."

