



## ABOUT INSPIRE<sup>®</sup> UPPER AIRWAY STIMULATION (UAS) THERAPY

### What is Inspire therapy?

Inspire Upper Airway Stimulation (UAS) therapy is a new, FDA-approved treatment for a subset of people with moderate to severe Obstructive Sleep Apnea (OSA) who are unable to use Continuous Positive Airway Pressure (CPAP) and meet other patient selection criteria.

This fully implanted system delivers mild stimulation to keep a patient's airway open during sleep and does not require a mask. Results from a pivotal study, recently published in the *New England Journal of Medicine*, showed that Inspire therapy can significantly reduce sleep apnea events and significantly improve patient quality of life measures.

### How does Inspire therapy work?

Inspire therapy is a fully implanted system, consisting of three components: a small pulse generator, a sensing lead and a stimulation lead. The patient controls the system—turning the therapy on before bed and off upon waking—using the handheld Inspire sleep remote. When activated, Inspire therapy senses breathing patterns and delivers mild stimulation to key airway muscles, keeping the airway open during sleep.

The Inspire system can be implanted during an outpatient procedure, although in some cases patients may be kept overnight in the hospital for observation. After implantation, physicians optimize therapy settings for a patient during a routine sleep study. Patients typically return once a year for a checkup.



Inspire therapy senses breathing patterns and delivers mild stimulation to key airway muscles, which keeps the airway open during sleep.



### **Inspire Therapy Advantages**

Inspire therapy is clinically proven to provide significant reductions in OSA, including a 68 percent reduction in apnea and hypopnea events and a 70 percent reduction in blood oxygen desaturation events, as well as significant improvements in quality of life and daytime functioning. It does not require a mask or oral appliance and preserves the natural airway and facial anatomy in comparison to conventional OSA surgeries. Inspire therapy is simple and easy-to-use, putting patients in control of their OSA.

### **Availability of Inspire Therapy**

- Inspire therapy will be available at select U.S. medical centers in the second half of 2014. Patients can call 1-800-230-9807 to learn about availability in their area.
- The cost of Inspire therapy is about \$20,000.
- Inspire therapy is an evidence-based, FDA-approved therapy. Patients should work closely with their doctors to obtain prior authorization approval for Inspire therapy.
- To learn more about Inspire therapy visit: [www.inspiresleep.com](http://www.inspiresleep.com)

### **The STAR Trial**

The STAR trial was a clinical trial designed to evaluate the safety and effectiveness of Inspire therapy. It was conducted at 22 leading medical centers across the United States and Europe and enrolled patients with moderate to severe OSA who were unable to use CPAP therapy, had a body mass index of  $\leq 32$ , and who passed a comprehensive airway anatomy examination.

The STAR trial results were published in the January 9, 2014 edition of the *New England Journal of Medicine* and showed that Inspire therapy can significantly reduce sleep apnea events and significantly improve patient quality of life measures:

- 68 percent reduction in apnea and hypopnea events
- 70 percent reduction in oxygen desaturation events
- Significant improvement in daytime functioning as measured by Epworth Sleepiness Scale (ESS) and Functional Outcomes of Sleep Questionnaire (FOSQ)

*Safety information for Inspire therapy is provided at [www.inspiresleep.com](http://www.inspiresleep.com). Inspire therapy is not for everyone. Information at this site should not be used as a substitute for patients talking with their doctor. Patients are encouraged to review this safety information and talk with their doctor about diagnosis and treatment options.*