

COVER



Spinal-Stim®

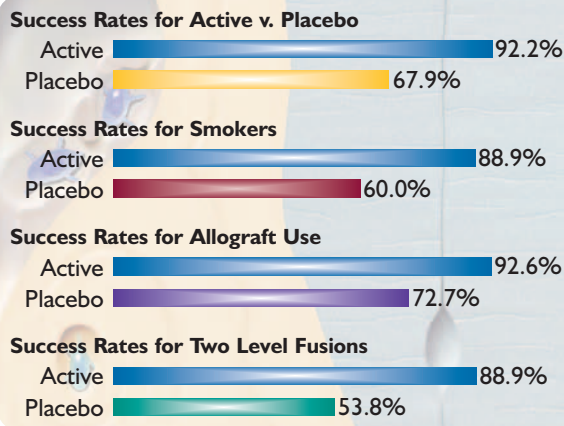
Spinal-Stim delivers the highest success rates in bone growth stimulation for spine fusion and nonoperative salvage. In fact, 92% of patients receiving Spinal-Stim adjunctively have achieved fusion success.¹ When treating failed fusion with Spinal-Stim, 67% of patients achieve successful fusion with no additional surgery.² Orthofix Bone Growth Stimulators provide comprehensive coverage for both you and your fusion patients:

- Proven Field Coverage
- Risk Factor Coverage
- Guarantee Program
- Insurance Acceptance
- FDA Approved Models for Both Cervical and Lumbar Spine

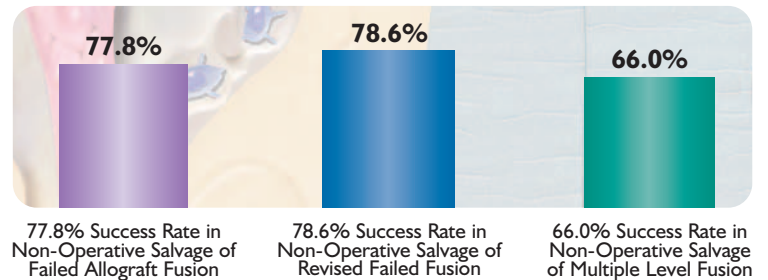
The Highest Success Rate in Bone Growth Stimulation for Lumbar Spine Fusion and Non-Operative Salvage. Guaranteed.



Adjunctive Use of Spinal-Stim¹ 92% Overall Success Rate

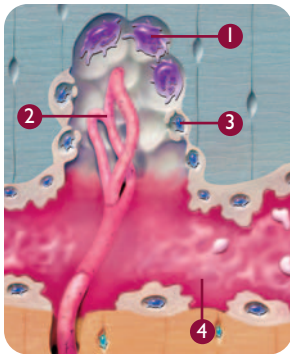


Non-Operative Salvage of Lumbar Failed Fusion² (minimum of nine months post-op with no additional surgery) 67% Overall Success Rate For Non-Operative Salvage



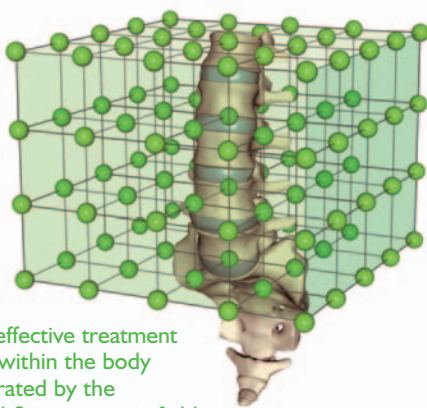
PEMF Enhances Bone Growth

PEMF increases vascularity, increases mineralization of osteoid material, and promotes osteoblastic migration in bone healing.³



- 1 Osteoclasts create space for new bone development
- 2 Development of vascularity
- 3 Osteoblasts depositing new bone
- 4 Cartilage mineralization

Effective Field Coverage⁴



- The effective treatment area within the body generated by the Spinal-Stim magnetic field.
- Measurement points

Instant Information Panel with LCDs for ongoing operational status

LCD treatment countdown - clock shuts off automatically when treatment is complete

New design provides more flexibility and comfort.

All-in-one unit allows unrestricted patient mobility-no separate cables, control units or battery packs

Adjustable strap for comfortable fit

Easy buckle for on/off



Smart technology can provide outcomes analysis and hardcopy patient compliance monitoring

1. Mooney, V. A Randomized Double-Blind Prospective Study of the Efficacy of Pulsed Electromagnetic Fields for Interbody Lumbar Fusions. Spine 1990; Vol. 15 No. 7: 708-712. 2. Spinal-Stim Summary of Safety and Effectiveness. P850007/S6. February 7, 1990. One Year Follow-up, Pre-Marketing Data, Open Trial, Pseudoarthrosis Stratum Clinical Study. 3. Bassett CAL: Critical reviews in Bio Med Eng 17:470-484, 1989. Yen-Patton GP et al: J Cell Phys 134: 37-46, 1988. 4. Data on file, Orthofix Inc.