

CervicalStim™

Spinal Fusion Therapy



Orthofix Spinal Fusion Therapy Devices

PRESCRIBED
BONE GROWTH STIMULATORS^{1,2}

#1

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360° of PEMF coverage up to 5 levels¹

The CervicalStim™ devices provide a safe and effective non-surgical treatment to significantly improve fusion success rates. The devices use a pulsed electromagnetic field (PEMF) signal to induce a low-level electrical field at the fusion site which stimulates bone healing at a molecular, cellular, and tissue level.^{1,2-6}



The CervicalStim device is the **only** bone growth stimulation therapy approved as a noninvasive, adjunctive treatment option for cervical fusion in patients at high-risk for non-fusion.^{2,3}

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Brief Prescribing Information:

The CervicalStim™ Devices are indicated as an adjunct to cervical fusion surgery in patients at high risk for non-fusion; there are no known contraindications. Do not use this device if you have a cardiac pacemaker or defibrillator. Remove the device prior to any imaging procedures. The safety of this device for use on patients who are pregnant or nursing has not been established. Adverse effects may include increased pain, numbness and tingling, headache, migraines and nausea; these effects may or may not be directly related to use of the device.

Full prescribing information can be found in product labeling on our patient education website www.BoneGrowthTherapy.com or by calling Patient Services at 1-800-535-4492. Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

References: 1. Data on file. Field mapping analysis conducted by M. Zborowski, Ph.D., Cleveland Clinic. 2. PMA P030034. December 2004. 3. Foley KT, Mroz TE, Arnold PM, et al. Randomized, prospective, and controlled clinical trial of pulsed electromagnetic field stimulation for cervical fusion. *Spine J.* 2008;8(3):436-442. 4. Marino, AA and Becker, RO: Piezoelectric effect and growth control in bone. *Nature.* 1970 October; 228: 473-74. 5. Selvamurugan N, Kwok S, Vasilov A, Jefcoat SC, Partridge NC. Effects of BMP-2 and pulsed electromagnetic field (PEMF) on rat primary osteoblastic cell proliferation and gene expression. *J Orthop Res.* 2007;25(9):1213-20. 6. Midura RJ, Ibiwoye MO, Powell, KA, et al. Pulsed electromagnetic field treatments enhance the healing of fibular osteotomies. *J Orthop Res.* 2005;23:1035-46. 7. iData Research Inc., U.S. Market for Spinal Implants and VCF (iDATA_USSP17_RPT), iData Research Inc (www.idataresearch.net) 2017

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