



RADIOFREQUENCY PAIN MANAGEMENT

Lasting Relief from Chronic Pain
Without Surgery or Drugs



About Boston Scientific

Boston Scientific is a global leader in developing and providing minimally invasive solutions for pain. Our products and therapies are designed to provide effective, long-term relief from pain that can help you reduce or even end the use of opioid medication.

Our dedicated Patient Care and Support services are here to help you every step of your journey to relief. Visit [Pain.com/RFA](https://www.bostonscientific.com/Pain) to learn more.



What is Radiofrequency Ablation (RFA)?

RFA is a minimally invasive, non-surgical, outpatient procedure that targets the nerve or nerves causing your pain. It uses thermal energy to interrupt the pain signals at their source. RFA can be used to treat pain (often arthritic joint pain) in different parts of the body — back, hips, knees, shoulders, feet, and neck.

More than 70% of patients treated with RFA experience relief lasting anywhere from six to twelve months — and in some cases, years.¹⁻⁴ It tends to be well-tolerated and has few associated complications. The procedure can be repeated if the pain returns when the nerves regenerate.⁵

1. Targeting the Nerve

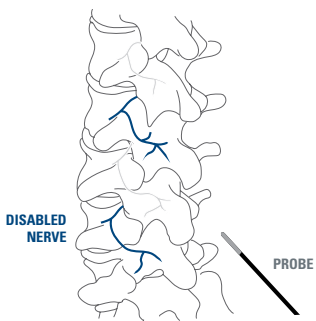
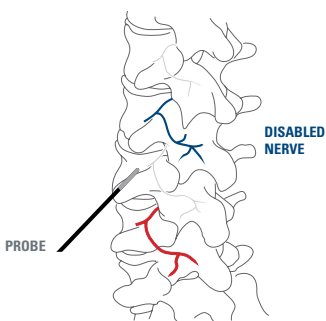
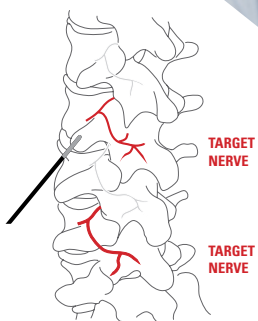
Your doctor uses X-ray or ultrasound imaging to guide a special probe to the target nerve. Electrodes stimulate nerves near the areas to help determine the optimal treatment locations.

2. Disabling the Nerve

Your doctor then sends a small RF current via the electrode into the surrounding tissue. This causes the tissue to heat and disables the nerve from sending pain signals.

3. Repeat for Multiple Pain Areas

Your doctor will usually target one to four nerves in one procedure to maximize pain relief.





Recovery Time

After the procedure, you may experience a few days of discomfort around the procedure site(s). Doctors generally advise not to engage in any strenuous activity for at least 24 hours after treatment, but your doctor will give you complete post-procedure instructions. Over the next few weeks, your pain should subside, allowing you to return to the activities you enjoyed before the onset of your chronic pain.

RFA treatment is designed to allow you to do your daily activities. Physical restrictions you had prior to the procedure may still remain. As with any medical procedure, there are certain risks involved.

Please ask your doctor for details regarding the potential risks with RFA and what activities are appropriate after treatment.

Learn more about RFA and other Boston Scientific pain solutions at Pain.com/RFA.



1. MacVicar J, et al. Cervical Medial Branch Radiofrequency Neurotomy in New Zealand. *Pain Medicine* 2012; 647-654. (N=104)
2. Dreyfuss P, et al. Efficacy and Validity of Radiofrequency Neurotomy for Chronic Lumbar Zygapophysial Joint Pain. *Spine* 2000. (N=15)
3. Gofeld M, et al. Radiofrequency Denervation of the Lumbar Zygapophysial Joints—Targeting the Best Practice Authors. *Pain Physician* 2007; 10:291-299. (N=174)
4. Govind J, et al. Radiofrequency neurotomy for the treatment of third occipital headache. *Journal of Neurology, Neurosurgery, Psychiatry* 2003; 88-93. (N=49)
5. Lord SM, et al. Percutaneous radiofrequency for chronic cervical zygapophysial joint pain. *The New England Journal of Medicine* 1996; 335(23): 1721-1726. (N=24)

US Indications for Use: The Boston Scientific Radiofrequency Generators, associated Radiofrequency Lesion Probes and RF Cannula are indicated for use in procedures to create radiofrequency lesions for the treatment of pain or for lesioning only peripheral nerve tissue for functional neurosurgical procedures. The Boston Scientific RF Injection Electrodes are used for percutaneous nerve blocks with local anesthetic solution or for radiofrequency lesioning of peripheral nerve tissue only. The Boston Scientific LCED and Stereotactic TCD Electrodes are indicated for use in radiofrequency (RF) heat lesioning of nervous tissue including the Central Nervous System. Warnings: The Boston Scientific RF devices may cause interference with active devices such as neurostimulators, cardiac pacemakers, and defibrillators. Interference may affect the action of these active devices or may damage them. For appropriate guidance, consult the instructions for use for these active devices. Refer to the Instructions for Use provided with Boston Scientific generators, electrodes and cannulas for potential adverse effects, warnings and precautions prior to using these products. Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

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Boston Scientific

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25155 Rye Canyon Loop
Valencia, CA 91355 USA

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NM-496406-AC