

A NEW GENERATION  
OF PAIN RELIEF.



**IONICRF™**  
GENERATOR  
RADIOFREQUENCY THERAPY

A minimally invasive,  
non-surgical procedure  
for lasting relief  
from chronic pain.<sup>1</sup>

  
**Abbott**

# RELIEF FROM CHRONIC PAIN.

As part of Abbott's comprehensive portfolio of pain management therapies, radiofrequency (RF) therapy offers a unique set of benefits for people who struggle with chronic pain, including:

- Safe and effective long-lasting pain relief<sup>1\*</sup>
- Administration in a quick, non-surgical outpatient procedure
- A minimally invasive, non-opioid technology

<sup>1</sup>Patients have reported pain relief following a single RF therapy procedure lasting from 6 to 12 months.

## A SOLUTION FOR YOU.

Most people who are candidates for RF therapy have tried other therapies, such as medications and injections, with limited success. As a result, they are now seeking an alternative solution.

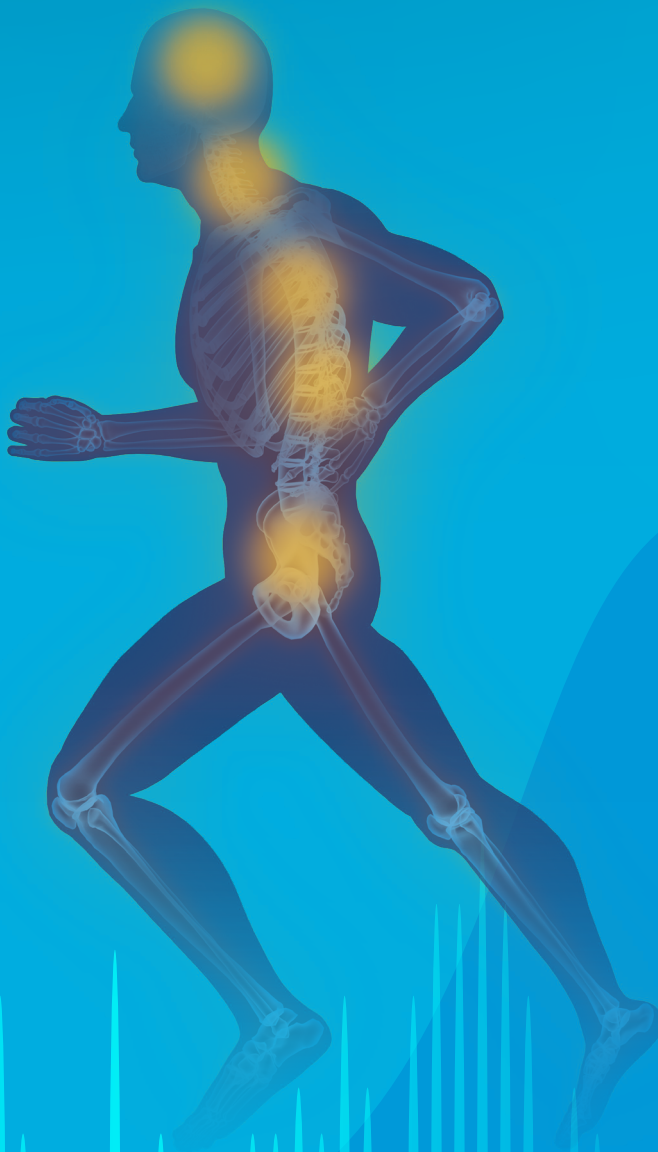
Begin by talking to your physician about your specific condition. Following a series of tests to diagnose the origin of your pain, you and your physician can determine if you could benefit from radiofrequency therapy.



# PRECISION THERAPY. WHERE IT'S NEEDED MOST.

Abbott's IonicRF™ Generator provides a proven therapy that targets specific nerves to block pain signals from reaching the brain. One of the most promising aspects of the therapy is its effectiveness in targeting pain in several discrete areas of the body.

- Neck<sup>1,3</sup>
- Upper back<sup>1</sup>
- Lower back<sup>1,2</sup>
- Sacroiliac joint<sup>4</sup>
- Facial pain<sup>5</sup>



# THE PROCEDURE.

## MINIMALLY INVASIVE.

## EXTREMELY EFFECTIVE.

Abbott's RF therapy is a non-surgical treatment for chronic pain. The therapy is administered much like an injection and is performed in your pain management doctor's office.

A needle will be placed at the site of your pain and connected to a generator that delivers energy to the targeted nerve. Unlike surgical procedures, RF therapy requires no incisions and minimal anesthetic to manage discomfort during the procedure.

The time will vary, of course, but you can expect the procedure to take between 15 and 45 minutes.<sup>6</sup>



### POST-PROCEDURE NOTES

Typically, patients are able to return home shortly after the procedure is completed. However, you will need someone to drive you home. Any discomfort should be mild and can usually be managed with over-the-counter medications. Be sure to follow all discharge instructions provided by your doctor, once home.

Pain signals traveling to the brain



PAINFUL NERVE  
BEFORE RF

RF treatment site blocking pain signals



PAINFUL NERVE  
AFTER RF

# RESEARCH CONFIRMS LONG-LASTING PAIN RELIEF.

Patients have reported pain relief following a single RF therapy procedure lasting from six to 12 months.<sup>1</sup>



## EXPERIENCE RELIEF.

With Abbott's RF therapy, it's possible for patients to forget their pain. And get back to their lives.



# A NEW GENERATION OF PAIN RELIEF.

1. Manchikanti L, et al. A systematic review and best evidence synthesis of effectiveness of therapeutic facet joint interventions in managing chronic spinal pain. *Pain Physician*. July 2015;18:E535-82.
2. Pope JE, Cheng J. Facet (Zygapophyseal) Intraarticular Joint Injections: Cervical, Lumbar, and Thoracic. *Injections for Back Pain*. 129-135. ClinicalKey.com. Accessed October 2020.
3. Manchikanti L, Hirsch JA, Kaye AD, Boswell MV. Cervical zygapophysial (facet) joint pain: effectiveness of interventional management strategies. *Postgrad Med*. 2016;128(1):54-68.
4. Bayerl S, Finger T, Heiden P, Esfahani-Bayerl N, Topar C, Prinz V, Woitzik J, Dengler J, Vajkoczy P. Radiofrequency denervation for treatment of sacroiliac joint pain-comparison of two different ablation techniques. *Neurosurgical Review*. 2018;43(1):101-107.
5. Li Y, Yang L, Ni J, Dou Z. Microvascular decompression and radiofrequency for the treatment of trigeminal neuralgia: a meta-analysis. *Journal of Pain Research*. 2019;12:1937.
6. Radiofrequency Ablation for Pain. [mayfieldclinic.com/pe-rfLabalation.htm](http://mayfieldclinic.com/pe-rfLabalation.htm). September 2018.

## Rx Only

**Brief Summary:** Prior to using these devices, please review the User's Guide for a complete listing of indications, contraindications, warnings, precautions, potential adverse events, and directions for use. The system is intended to be used with needles and electrodes that are compatible with the system.

**Indications for Use:** The IonicRF™ Generator, in combination with approved compatible electrodes and cannulae, is indicated as an aid in the management of pain in the nervous system. Examples include facet denervation, trigeminal rhizotomy, and related functional neurosurgical procedures.

**Contraindications:** The use of this device is contraindicated in patients with systemic infection or local infection in the area of the procedure.

**Warnings/Precautions:** Hazardous electrical output, Electric shock hazard, Equipment failure, Explosion Hazard, Fire Hazard, Pooling Hazard, Ignition Hazard, Risk of RF burns and unintended stimulation, Risk of RF burns to patient, Interference with active implants, Redirection of high-frequency currents, Interference with other equipment, Shortwave or microwave equipment, apparent low output or failure of equipment, Risk of patient injury, proper device use, non-sterile, accessories, Continuity Monitoring, Inspection, Mechanical Damage, Electrode positioning, use of fluids, dispersive connections, cleaning the generator, emergency stop. Connection of equipment to rear of machine.

**Adverse Effects:** Damage to surrounding tissue through iatrogenic injury; Nerve injury, including thermal injury, or puncture of the spinal cord or nerve roots, potentially resulting in radiculopathy, paresis, and paralysis; Pain, pulmonary embolism, hemothorax or pneumothorax, infection, unintended puncture wound, including vascular puncture and dural tear, hemorrhage, and hematoma. User's Guide must be reviewed for detailed disclosure.

## Abbott

One St. Jude Medical Dr.  
St. Paul, MN 55117 USA  
Tel: 1 651 756 2000  
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