

# Relief looks cool on you



## Get pain relief fast with iovera<sup>®</sup>

The iovera<sup>®</sup> system is a handheld device that allows your doctor to target specific nerves with just the right amount of cold, which temporarily stops the nerves from sending pain signals.

iovera<sup>®</sup> is precise and safe — it cannot damage surrounding tissue.

- Used to treat chronic low back pain<sup>1</sup>, pain associated with total knee replacement or knee osteoarthritis<sup>2-4</sup>
- Effects are immediate and long-lasting<sup>2,3,5</sup>
- Covered by traditional Medicare

**iovera<sup>®</sup> uses extreme cold to relieve pain instantly<sup>2,5</sup>**



No sedation



Simple procedure takes ~ 30 minutes



FDA-cleared treatment



## Suffering from chronic low back pain?

A recent study comparing iovera<sup>®</sup> vs. radiofrequency ablation followed patients for **360 days**.

**Patients in the iovera<sup>®</sup> group showed:<sup>1</sup>**

# 59%

greater self-reported improvement from baseline compared to the RFA patients\*

# 39%

Less pain than RFA patients at **180 days**<sup>†</sup>

# 44%

Less pain than RFA patients at **360 days**<sup>‡</sup>

\* 1.7 vs 4.4 PGIC, LSM -2.6, P=0.002

† 3.1 vs 5.4 NRS, LSM -2.1, P=0.01

‡ (3.0 vs 6.1 NRS, LSM -2.7, P=0.01)

No serious adverse events were observed over the course of this study.

Unlike conventional treatments such as radiofrequency ablation (RFA), the effects of iovera<sup>®</sup> are precise and immediate<sup>5,6</sup>

## iovera<sup>®</sup> vs RFA

### How it works



Cold-based treatment that freezes pain-signaling part of nerves<sup>2,3,5</sup>



Heat-based treatment applied to vaporize the nerve<sup>8</sup>

### Temperature



-126°F (-88°C)<sup>5,7</sup>



176°F (80°C)<sup>8,9</sup>

### Treatment effect



**Immediate**<sup>2,5</sup>



**Delayed:** patients may not feel effects until 1 to 2 weeks after treatment<sup>8</sup>

### Safety



- No risk to surrounding tissue or blood vessels<sup>3</sup>
- The most common side effects were bruising, numbness, redness, tenderness, and swelling<sup>3</sup>



- Can damage surrounding tissue and blood vessels<sup>9</sup>
- Tissue damage may lead to painful neuritis (inflammation in the nerves)<sup>9</sup>

## Get back to living your life again

“It's exciting to know you can have a treatment that is non-opioid, and get relief, and resume your normal activities.”

Paula – iovera<sup>®</sup> patient



## Is iovera<sup>®</sup> right for you?

### You may be a candidate for iovera<sup>®</sup> if you:

- Suffer from chronic low back pain
- Are interested in an alternative to Radiofrequency Ablation or Cooled RF
- Have osteoarthritis knee pain or are considering knee replacement surgery
- Need pain relief but aren't currently a candidate for surgery

Visit [iovera.com](https://iovera.com) to learn more.

For Important Safety Information, visit [iovera.com/risks](https://iovera.com/risks).

References: 1. Ferrillo MG, Brady O, Cliff K, Chang M, DiGiorgi M. Randomized Controlled Trial: Lumbar Medial Branch Cryoneurolysis Versus Radiofrequency Ablation for Chronic Low Back Pain. Presented at: North American Neuromodulation Society; 2024; Nevada. 2. Dasa V, Lensing G, Parsons M, Harris J, Volaufova J, Bliss R. 3. Radnovich R, Scott D, Patel AT, et al. Cryoneurolysis to treat the pain and symptoms of knee osteoarthritis: a multicenter, randomized, double-blind, sham-controlled trial. *Osteoarthritis Cartilage*. 2017;25(8):1247-1256. Percutaneous freezing of sensory nerves prior to total knee arthroplasty. *Knee*. 2016;23(3):523-528. 4. iovera. User guide. Pacira Pharmaceuticals, Inc. 2024. 5. Ilfeld BM, Finneran JJ. Cryoneurolysis and percutaneous peripheral nerve stimulation to treat acute pain. *Anesthesiology*. 2020;133(5):1127-1149. 6. Hsu M, Stevenson FF. Wallerian degeneration and recovery of motor nerves after multiple focused cold therapies. *Muscle Nerve*. 2015;51(2):268-275. 7. Trescot AM. Cryoanalgesia in interventional pain management. *Pain Physician*. 2003;6(3):345-360. 8. Chen AF, Khalouf F, Zora K. Cooled radiofrequency ablation provides extended clinical utility in the management of knee osteoarthritis: 12-month results from a prospective, multi-center, randomized, cross-over trial comparing cooled radiofrequency ablation to a single hyaluronic acid injection. *BMC Musculoskelet Disord*. 2020;21(1):363. 9. Zhou L, Craig J, Parekh N. Current concepts of neurolysis and clinical applications. *J Analgesic*. 2014;2:16-22.