

*Surgery doesn't  
always have to be  
the answer...*



For more information, please visit  
[www.myCoolief.com](http://www.myCoolief.com)



*A Non-Surgical, Non-Narcotic  
Procedure for Chronic Lumbar Back Pain*

Every patient has the right to pain relief, and surgery can be beneficial in properly selected patients. However, it is not for everyone for a variety of reasons, including cost and recovery time. That's why we focus our time and effort on trying to bring non-surgical pain relief options to those suffering from chronic pain.



### Why COOLIEF® Cooled RF?

- Effective pain relief
- Outpatient procedure
- Greater mobility
- Quick recovery time
- Cost-effective, no overnight hospital stay
- Minimally invasive



Halyard is a manufacturer of medical products and devices for a variety of healthcare categories including the management of pain.

For more information, call 1-800-524-3577

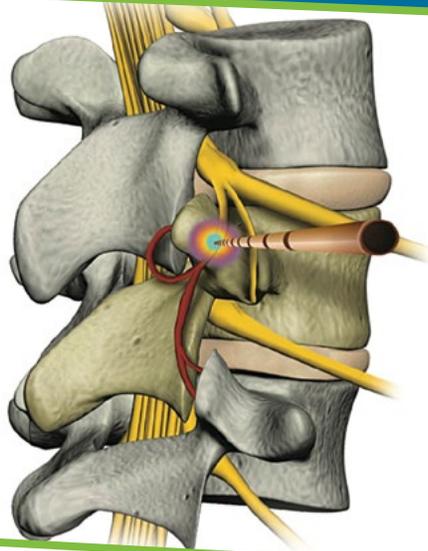
1 Stelzer W. MD. Use of Radiofrequency Lateral Branch Neurotomy for the Treatment of Sacroiliac Joint-Mediated Low Back Pain: A Large Case Series. Pain Medicine, 2013 Jan (1)29-35.

2 Ho KY, et al. Cooled radiofrequency denervation for treatment of sacroiliac joint pain: two-year results from 20 cases. Journal of Pain Research. 3 July 2013.

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Has Your Physician  
Recommended  
Lumbar Medial Branch  
Neurotomy to Address Your  
*lower  
back pain?*

*The following Q&A is provided to inform  
you and your family about the availability of  
COOLIEF® Lumbar Cooled Radiofrequency  
for lower back pain.*



*"The prevalence of chronic lumbar zygapophysial joint pain ranges from 15% in younger patients to as high as 40% among elderly patients. The only proven treatment for this source of back pain is radiofrequency medial branch neurotomy."*

– Dreyfuss, Spine, 2000

## Imagine where life could take you

Chronic back pain doesn't have to be met with surgery or medication. You deserve an option that's minimally invasive, effective, and offers a short recovery.

**COOLIEF<sup>®</sup>** Cooled RF Treatment can deliver just that. It is a minimally invasive treatment option targeting nerves that are causing pain. Studies have been shown to provide chronic back pain patients with up to 24 months of pain relief, improved physical function and reduced drug utilization.<sup>1,2</sup>

### Q What is COOLIEF<sup>®</sup> Cooled RF?

**A** COOLIEF<sup>®</sup> Cooled RF is a minimally invasive, outpatient procedure that can safely treat chronic pain. This advanced procedure uses cooled radiofrequency energy to safely target the sensory nerves causing pain. COOLIEF<sup>®</sup> circulates water through the device while heating nervous tissue to create a treatment area that is larger than conventional RF treatments.

This combination targets the pain-causing nerves without excessive heating, leading to pain relief.

### Q How long does the procedure take?

**A** Procedure time varies depending on your physician and the treatment you need, but according to physicians that have performed the procedure, the actual treatment time is about 2 minutes and 30 seconds per nerve treated.

### Q How soon can I go home after the treatment?

**A** Since this minimally invasive outpatient treatment requires no general anesthesia, you should be able to return home shortly after the treatment. A responsible adult is required to be present in order to drive you home.

### Q Is the COOLIEF<sup>®</sup> procedure painful?

**A** Unlike surgery, COOLIEF<sup>®</sup> involves no incision. You may experience some discomfort at the radiofrequency site for a short period, but this discomfort can be treated with common over-the-counter medication.

### Q When can I return to my normal activities?

**A** Recommended rest will vary based on your unique needs and procedure. You can generally return to work and normal everyday activities within several days. Ask your physician for specific information regarding your procedure.

### Q When will I begin to feel pain relief?

**A** You should begin to feel pain relief within one to two weeks. In some patients, the relief can be relatively long-lasting. In others, additional treatments may be required.

**For the specific costs associated with this procedure, and/or with any other questions, please consult with your physician.**

Dreyfus, P., Halbrook, B., Pauza, K., Joshi, A., McLarty, J., and Bogduk, N. Efficacy and validity of radiofrequency neurotomy for chronic lumbar Zygapophysial joint pain. Spine, 2000. V24, no. 10, 1270-1277.