

What is COOLIEF*?

COOLIEF* is a non-invasive, outpatient treatment that uses cooled radiofrequency technology to safely treat chronic pain. This is also known as “cooled radiofrequency therapy.” This advanced procedure uses cooled radiofrequency energy to safely target the sensory nerves causing pain.

How does COOLIEF* work?

COOLIEF* 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.

How do patients benefit from COOLIEF*?

Studies have demonstrated that cooled RF treatment can provide chronic back pain patients up to 24 months of pain relief, improved physical function and reduced use of pain medicines.^{1,2}

How does COOLIEF* differ from other treatments for chronic back pain?

Traditional treatments for chronic back pain include oral anti-inflammatory medications, steroid injections, physical therapy, standard radiofrequency ablation and joint fusion or other surgery. Medications do not effectively target nerves that cause pain and can lead to side effects such as nausea, grogginess, and addiction. Surgery can be beneficial in properly selected patients. However, due to BMI, age, other co-morbidities, or invasiveness, surgery isn't for everyone.

Unlike surgery, COOLIEF* involves no incision. Since this minimally invasive outpatient treatment requires no general anesthesia, patients should be able to return home shortly after the treatment.

How do patients know if COOLIEF* is right for them?

A patient's journey to pain relief begins with speaking to their physician who can properly assess their condition. COOLIEF* Cooled Radiofrequency must be administered by a COOLIEF*- trained physician. Patients should ask their physician to determine if the procedure is right for them.

What should patients expect after the procedure?

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

How soon can patients go home after the treatment?

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

When can patients return to their normal activities?

Recommended rest will vary based on a patient's unique needs and procedure. Patients can generally return to work and normal everyday activities within several days. Patients should ask their physician for specific information regarding their procedure.

¹ Stelzer W., Aiglesberger M., Stelzer D., Stelzer V., Use of Cooled Radiofrequency Lateral Branch Neurotomy for the Treatment of Sacroiliac Joint-Mediated Low Back Pain: A Large Case Series, Pain Medicine, January 2013, Volume 14, Issue 1, pages 29-25.

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.

How common is chronic back pain?

Four out of five adults in the United States experience chronic lower back pain³ and Americans spend at least \$50 billion each year trying to treat it.⁴

Where can patients get the COOLIEF* treatment?

COOLIEF* Cooled Radiofrequency must be administered by a COOLIEF*- trained physician. Many physicians are providing COOLIEF* Cooled RF to their patients. To find a COOLIEF* - trained physician, visit www.myCoolief.com.

Is COOLIEF* covered by insurance?

Based on a patient's unique condition, insurance coverage will vary by insurance carrier. Patients should check with their physician to find out if COOLIEF* is covered for their particular medical needs.

Where can patients learn more about COOLIEF*?

For additional information about COOLIEF*, visit www.myCoolief.com.

Who manufactures COOLIEF*?

COOLIEF* is manufactured by Halyard Health. Halyard Health is a medical technology company focused on advancing health and healthcare by delivering clinically-superior products and solutions in infection prevention, surgical solutions, respiratory health, digestive health, IV therapy and pain management. Halyard sells its recognized brands and products in more than 100 countries, and holds leading market positions in multiple categories across the portfolio. For more information, visit www.halyardhealth.com.

³ Mayo Clinic. Back pain. April 15, 2002.

⁴ "Low Back Pain Fact Sheet." National Institute of Neurological Disorders and Stroke. NIH Publication, 2003. www.ninds.nih.gov