Cooled RF: A Minimally Invasive Option For Genicular Nerve Ablation

Chronic knee osteoarthritis (OA) is one of the most common diseases of advanced age. With up to 20 million adults in the US suffering from OA of the knee¹, close to 700,000 cases progress to total knee joint replacement.² However, there exists a large demographic of chronic joint pain patients who are not candidates for invasive procedures due to BMI, age and other comorbidities. Alternative therapies such as arthroscopic debridement or injections are associated with less than optimal clinical outcomes.

COOLED RF:

- Clinical studies of cooled RF addressing other sources of pain have demonstrated over 20 months of pain relief and improved physical function³
- Is designed to treat complex anatomy of variable nerve courses through the creation of large volume, spherical lesions
- Potentially reduces the amount of time and fluoroscopic exposure through straightforward, familiar placement techniques

NEW COOLED RF Now Configured for Genicular Neurotomy Procedure

Fortunately, the same revolutionary Cooled RF Pain Management System with documented pain relief in segments of the spine is now available to target other origins of chronic pain.
Cooled RF is a non-surgical, minimally-invasive, non-narcotic solution for genicular neurotomy. Because it can be performed in an outpatient setting, patients have the potential to return to an enhanced quality of life much sooner than with surgery --- and with a reduced need for narcotics.³

Studies show that when Cooled RF is performed on other joints:
• Physical function is significantly improved³
• Pain and disability are decreased³
• Drug utilization is reduced³

Cooled RF Kit for genicular neurotomy
A minimally invasive option for genicular nerve ablation.

CerviCool® System for cervical facet joint pain
Anatomically tailored cooled RF system offering relief in the cervical region by delivering large volume lesions where anatomy and nerve path are variable.

LumbarCool® System for lumbar z-joint pain
Large volume, anatomy-specific lesion using a perpendicular approach encompasses the medial branch nerve in one pass, eliminating the need for multiple passes.

Sinergy® System for sacroiliac joint syndrome
Large volume lesions ablate the variable target neural structures between the posterior sacral foramina and the painful SI joint.

ThoraCool® System for thoracic facet joint pain
Large volume lesion size and position compensate for the variable course of the medial branch nerve, especially in the mid-thoracic levels.

TransDiscal® System for discogenic pain
For intervertebral disc brachytherapy, bipolar probe placement straight into the disc creates large, reproducible lesion within a significant volume of the disc.

“Although severe knee osteoarthritis with refractory pain is commonly treated surgically, this is often not an option for patients with poor health status or unwillingness to undergo major surgery.”⁴

¹ www.CDC.gov/arthritis/osteoarthritis.htm  

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