

Accurately diagnosing and treating pain with personalized care

Our network of pain management physicians treats a variety of conditions, using comprehensive diagnostic techniques and non-surgical treatments for all musculoskeletal pain.

To learn more about conditions treated, visit NationalSpine.com or ask your affiliated physician.

Radiofrequency Neurotomy Genicular Nerve Block for Knee Pain

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Treatment Brochure

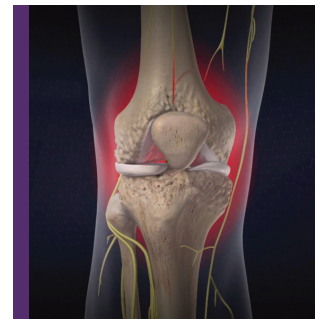
LEAVE PAIN
BEHIND.
GET BUSY
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The knee joint is surrounded by several nerve branches, known collectively as the genicular nerves. For patients with severe knee degeneration due to osteoarthritis, surgical joint replacement is often the most appropriate option for alleviating the pain these nerves generate.

But patients of advanced age or who have other medical complications (or those who have pain despite previous knee arthroscopy or joint replacement surgeries) or those who do not want replacement surgery may be candidates for a minimally invasive procedure known as radiofrequency neurotomy of the genicular nerves.



Genicular Nerves

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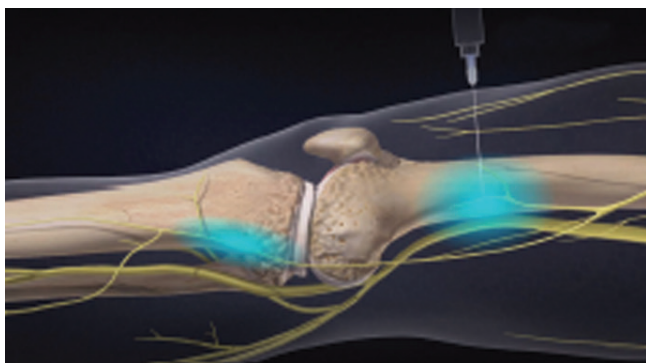
What is radiofrequency neurotomy?

Using fluoroscopic (X-ray) guidance, our affiliated pain management physicians will inject a small amount of local anesthetic around the knee joint and then use a heated (radiofrequency) needle to disrupt the genicular nerves' ability to send pain signals.

Radiofrequency neurotomy (also known as radiofrequency ablation) has been used for many years to address back and neck pain, but holds promise for chronic knee pain as well. A study in the *International Journal of Rheumatic Diseases* reports that radiofrequency neurotomy for knee osteoarthritis appears to reduce pain better than traditional corticosteroid injections.

What should I expect?

If your affiliated physician determines you are a candidate for radiofrequency neurotomy of the genicular nerves, the procedure



will be performed in our offices' state-of-the-art procedure suites. Although the radiofrequency neurotomy itself will only take about 30 minutes, you should anticipate you will be under observation for about an hour afterward.

Following the procedure, you may experience some temporary tingling or numbness around the injection area. Because of the complexity of the numerous nerves surrounding the knee, you may still experience some pain, but the procedure can be repeated to provide further relief.

Most patients report significant pain relief, with many enjoying a better quality of life for as many as 4-6 months before having a repeat procedure.

Possible conditions:

Knee Arthritis

Radiofrequency neurotomy of the genicular nerves is a safe, effective and minimally invasive therapeutic procedure for patients with chronic knee pain. Contact us today to schedule an appointment and see how it may help you improve your quality of life while enjoying less knee pain without surgery or steroid injections.

A Network of Experts in Pain Management • NationalSpine.com

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