

# Radiofrequency neurotomy efficient in knee osteoarthritis

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(HealthDay)—For patients with chronic knee osteoarthritis (OA) pain,

radiofrequency (RF) neurotomy of genicular nerves is safe and efficient, according to a study published online Aug. 12 in the *International Journal of Rheumatic Diseases*.

Sinem Sari, M.D., from Adnan Menderes University in Aydin, Turkey, and colleagues compared the efficacy of intra-articular injection and RF neurotomy of genicular nerves in 73 patients with chronic knee OA [pain](#). Patients were randomized to Group IA (intra-articular 2.5 mL of bupivacaine, 2.5 mg of morphine, and 1 mL of betamethasone) or Group RF (RF neurotomy of the genicular nerves).

The researchers observed no statistically significant differences between the groups in terms of baseline visual analogue scale (VAS) pain. Compared with Group IA, Group RF had significant reductions in VAS pain in the first and third month (P

"This study demonstrated that genicular nerve RF neurotomy is a safe and efficient treatment modality and provides functional improvement along with an analgesia in [patients](#) with chronic knee OA," the authors write.

**More information:** [Abstract](#)  
[Full Text \(subscription or payment may be required\)](#)

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