



EFFICACY OF COOLED RADIOFREQUENCY ABLATION IN THE TREATMENT OF KNEE OSTEOARTHRITIS

#NANRFS: Visual Abstract Series

Study Design

- Prospective
- Multicenter
- Randomized
- Crossover at 6 months

N = 151



Compare the efficacy of cooled radiofrequency ablation of genicular nerves with intra-articular steroid injection for knee osteoarthritis at 1, 3, and 6 months.

Purpose

COOLED RADIOFREQUENCY ABLATION VS. INTRA-ARTICULAR STEROID INJECTION



% of patients with at least 50% reduction in knee pain at 6 months:



Mean NRS change from baseline at 6 months:



CRFA group demonstrated...

- Mean Oxford Knee Scores at 1, 3, and 6 mos
- Perceived improvement at 3 and 6 mos

...compared to IAS group



Mean opioid drug use did not differ at any time point



CRFA IS A NON-OPIOID OPTION THAT IS SUPERIOR TO SINGLE IAS IN THE MANAGEMENT OF KNEE OSTEOARTHRITIS AT 6 MONTHS



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<https://www.ncbi.nlm.nih.gov/pubmed/29095245>

