



iovera^o

NICE MOVE

Targeted cryoneurolysis provides immediate OA knee pain relief that lasts up to 90 days¹

iovera^o treatment creates a cold zone around targeted nerves, temporarily blocking pain signals until the axon regenerates (about 1 to 2 mm/day)²

IN OA OF THE KNEE: SIGNIFICANT REDUCTIONS IN PAIN, SIGNIFICANT IMPROVEMENTS IN PHYSICAL FUNCTION*



GREATER REDUCTION IN WOMAC PAIN SCORE

at 30 ($P=0.0004$), 60 ($P=0.0176$), and 90 days ($P=0.0061$)¹



SIGNIFICANT IMPROVEMENTS IN PHYSICAL FUNCTION

demonstrated at Day 30 ($P=0.001$), Day 60 ($P=0.04$), and Day 90 ($P=0.017$)¹

2021 AAOS CPG

Knee pain Clinical Practice Guideline cites Radnovich as a "high quality study" supporting denervation³

*Results from a multicenter, randomized, double-blind, sham-controlled trial with a 6-month follow-up in patients with mild to moderate knee OA. Patients were randomized 2:1 to cryoneurolysis targeting the IPBSN or sham treatment (N=180; 121 in active group, 59 received sham).¹

IN PATIENTS WITH TKA: LESS PAIN, FEWER OPIOIDS, BETTER ROM⁺⁺

2x
THE IMPROVEMENT
IN KOOS SYMPTOM SCORE
(vs control group) at Weeks 6
and 12 post-TKA⁴

45%
REDUCTION
IN OPIOIDS PRESCRIBED
during the 12 weeks post-TKA⁴

20%
OF PATIENTS
ACHIEVED $\geq 120^\circ$ FLEXION
at 6 weeks post-TKA⁵

See Important Safety Information at iovera.com/safety.

¹Results from a retrospective chart review (N=100). The treatment group included the first 50 patients treated with cryoneurolysis plus multimodal treatment following its adoption in treatment approach for TKA. The control group consisted of 50 patients who were treated with a multimodal approach alone.⁴

²Results from a retrospective chart review (N=323) of 129 patients treated with standard recovery practice and 194 with a rapid recovery protocol that included cryoneurolysis.⁵

AAOS=American Academy of Orthopaedic Surgeons; IPBSN=infrapatellar branch of the saphenous nerve; KOOS=Knee Injury and Osteoarthritis Outcome Score; OA=osteoarthritis; ROM=range of motion; TKA=total knee arthroplasty; WOMAC=Western Ontario and McMaster Universities Osteoarthritis Index.

INNOVATION IN YOUR HANDS FOR OA KNEE PAIN RELIEF

- Suitable for use in hospitals, ambulatory surgery centers, and other clinical settings
- Smart Tip options to fit your needs
 - **Smart Tip 2190** is a single 20-gauge needle (90 mm long) ideally suited for deeper nerves (ultrasound required); can also treat superficial nerves
 - **Smart Tip 2309** consists of three 27-gauge needles (8.5 mm long) ideally suited for superficial nerves, including the AFCN and IPBSN




Smart Tip 2190



Smart Tip 2309

CODING, COVERAGE, AND REIMBURSEMENT

It is the sole responsibility of the health care provider to correctly report all procedures and therapies. The following information is shared solely for informational and educational purposes.

CPT Code	Definition	For information on reimbursement
64640	Destruction by neurolytic agent; other peripheral nerve or branch	
64624	Destruction by neurolytic agent; genicular nerve branches including imaging; destruction of each of the following genicular nerve branches: superolateral, superomedial, and inferomedial	

Source: Centers for Medicare and Medicaid Services. Medicare Physician Fee Schedule for CY2020.

LEARN MORE AT
www.iovera.com
 OR CALL CUSTOMER SERVICE AT
 1-800-442-0989



AFCN=anterior femoral cutaneous nerve.

References: 1. Radnovich R, Scott D, Patel AT, et al. Cryoneurolysis to treat the pain and symptoms of knee osteoarthritis: a multicenter, randomized, double-blind, sham-controlled trial. *Osteoarthritis Cartilage*. 2017;25(8):1247-1256. 2. Hsu M, Stevenson FF. Wallerian degeneration and recovery of motor nerves after multiple focused cold therapies. *Muscle Nerve*. 2015;51(2):268-275. 3. American Academy of Orthopaedic Surgeons. Management of Osteoarthritis of the Knee (Non-Arthroplasty). Evidence-Based Clinical Practice Guideline. <https://www.aaos.org/oak3cpg>. Published August 31, 2021. Accessed February 18, 2022. 4. Dasa V, Lensing G, Parsons M, Harris J, Volaufova J, Bliss R. Percutaneous freezing of sensory nerves prior to total knee arthroplasty. *Knee*. 2016;23(3):523-528. 5. Plessl D, Salomon B, Haydel A, Leonardi C, Bronstone A, Dasa V. Rapid versus standard recovery protocol is associated with improved recovery of range of motion 12 weeks after total knee arthroplasty. *J Am Acad Orthop Surg*. 2020;28(21):e962-e968.



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