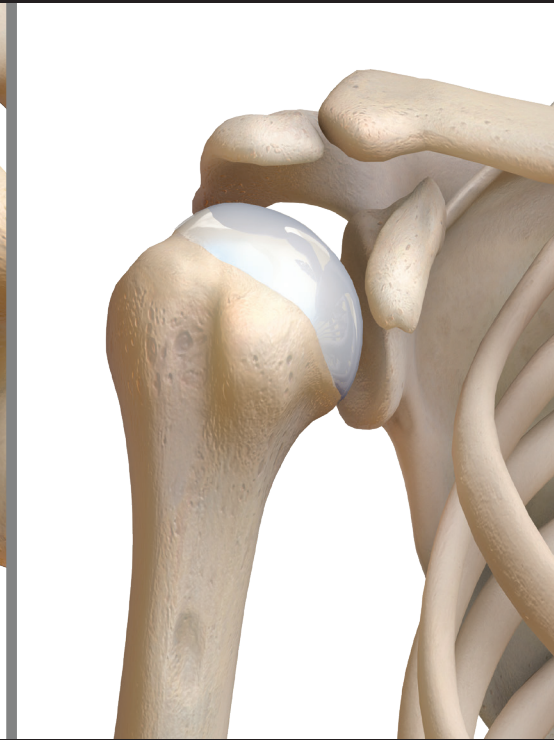
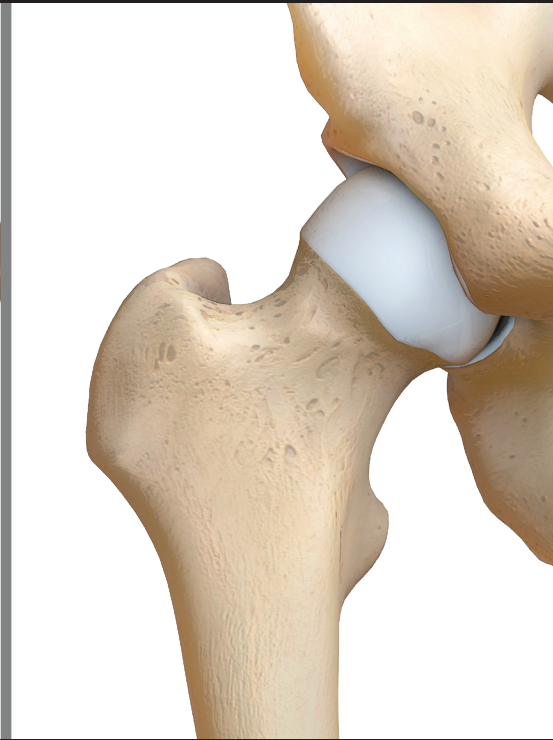
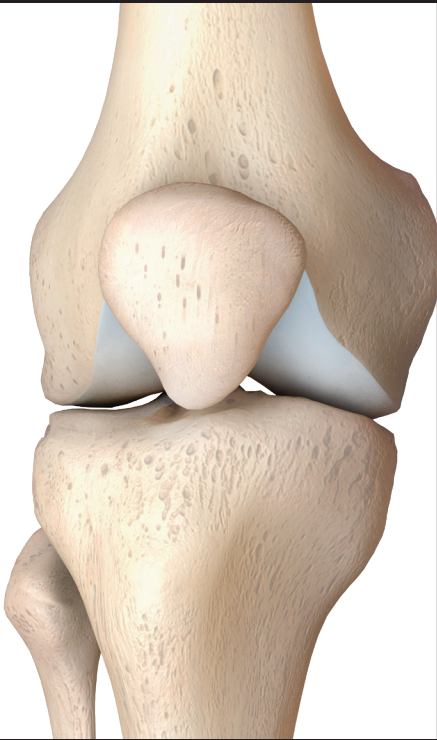


FIRST AND ONLY CLINICALLY PROVEN COOLED RADIOFREQUENCY (RF) TREATMENT FOR CHRONIC KNEE, HIP AND SHOULDER PAIN



PROVEN BY **LEVEL I**
EVIDENCE IN
MULTIPLE MODALITIES



LONG-LASTING
CHRONIC PAIN RELIEF



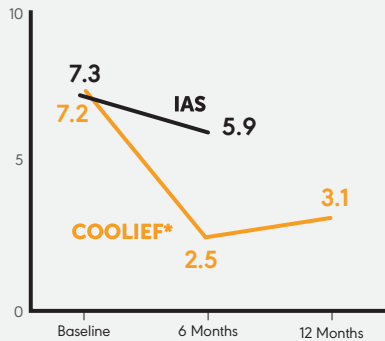
MINIMALLY INVASIVE



NON-OPIOID

COOLIEF* COOLED RADIOFREQUENCY (RF): LARGE PROSPECTIVE, RANDOMIZED, MULTI-CENTER STUDY ANALYZING 151 PATIENTS OVER A 12-MONTH PERIOD

NRS PAIN SCORE¹



Six months post-procedure, patients reported **≥ 50% pain relief:**

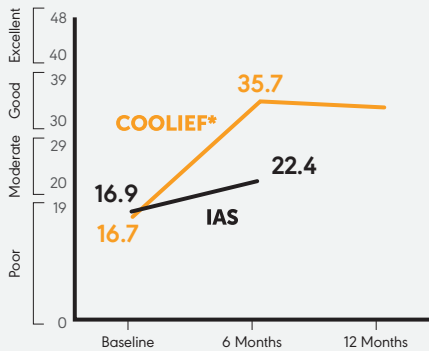
- 74% of COOLIEF* group
- 16% of intra-articular steroid (IAS) group

12 months post-procedure, **65% of COOLIEF* Cooled RF patients reported ≥ 50% pain relief.**

- 85% of the IAS group switched to COOLIEF* Cooled RF at 6 months

The 11-point NRS consists of a scale from "0" to "10" points, with "0" indicating "no pain" and "10" being "worst pain imaginable". A treatment "responder" experienced a clinically-significant change in pain indicated by an NRS score decrease $\geq 50\%$ relative to the respective baseline.

OXFORD KNEE SCORE¹



At baseline, patients reporting severe OA:

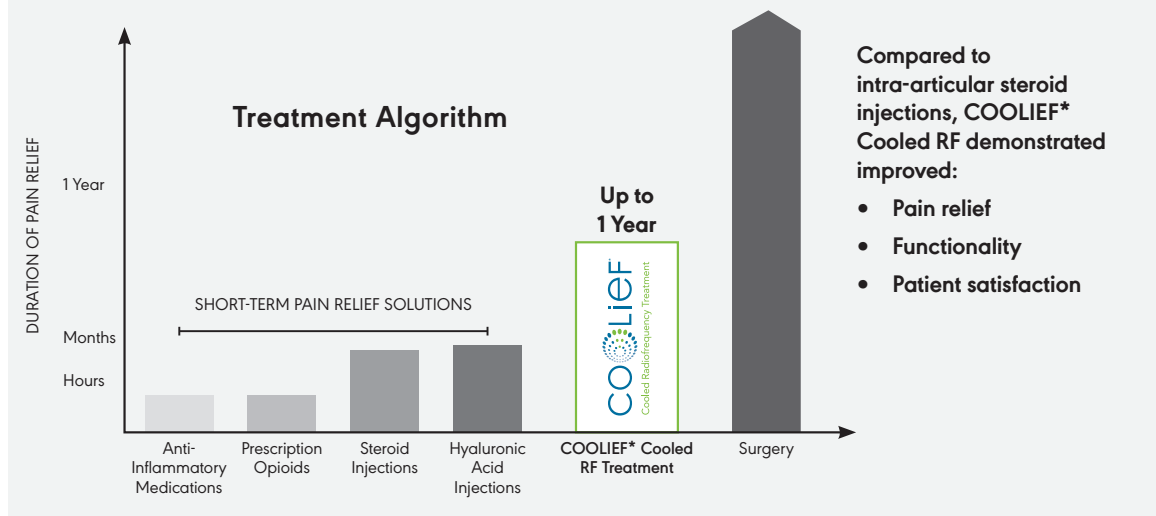
- 67% of the COOLIEF* Cooled RF group
- 63% of the IAS group

6 months post-procedure, patients reporting severe OA:

- 5% of the COOLIEF* Cooled RF group
- 37% of the IAS group

OKS measured study subjects' knee function based on a scale from 0 to 48 points, with knee arthritis becoming less severe as score values increase.

COOLIEF* Cooled RF Fills The Gap Between Short-Term Pain Relief And Surgery



Compared to intra-articular steroid injections, COOLIEF* Cooled RF demonstrated improved:

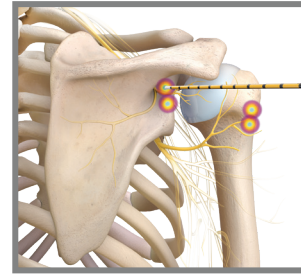
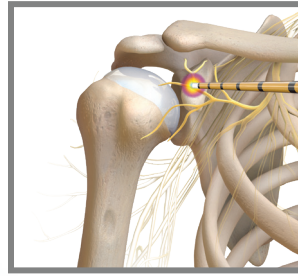
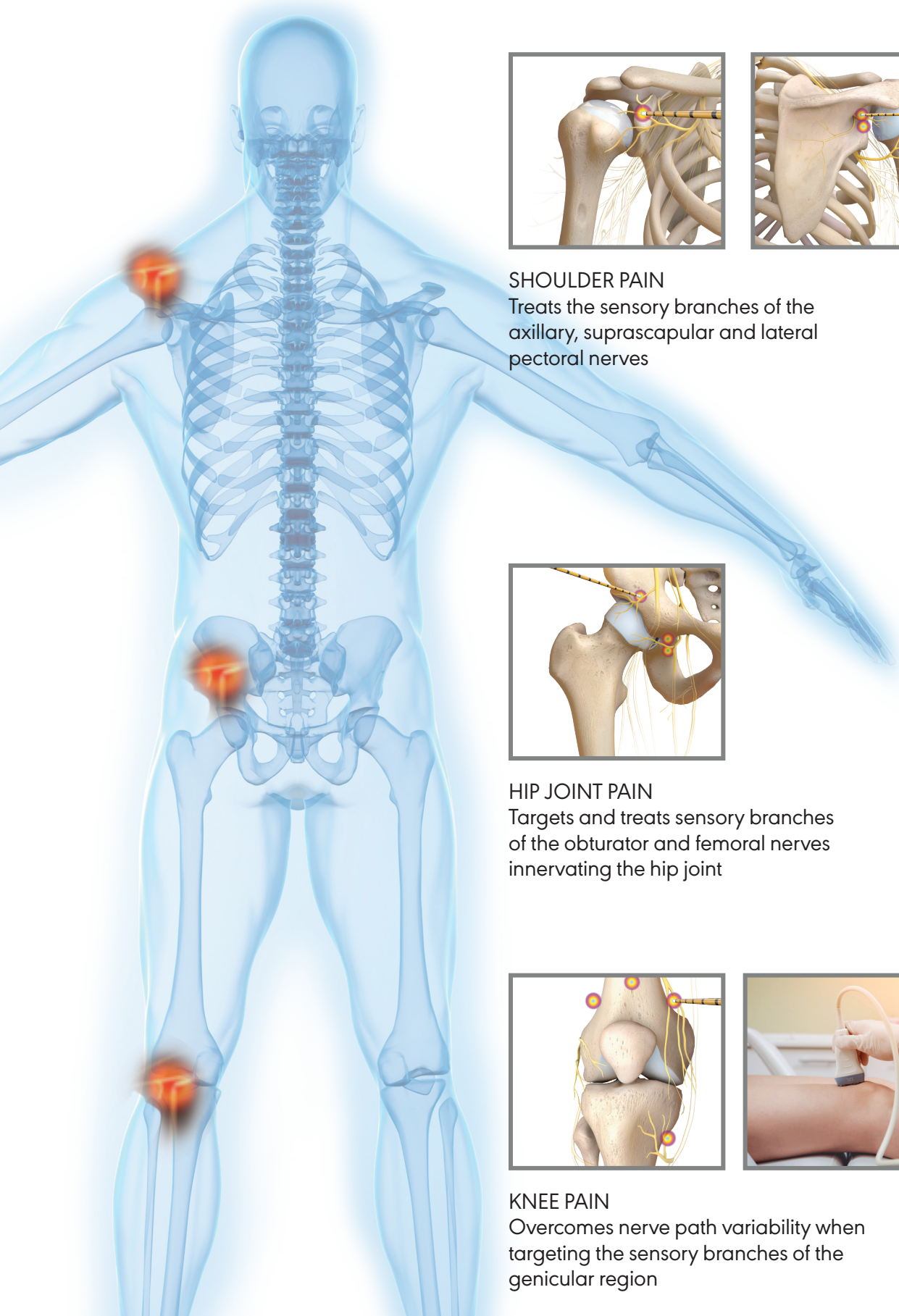
- Pain relief
- Functionality
- Patient satisfaction

**GET YOUR PATIENTS
BACK TO THE THINGS
THAT MATTER**

Learn more about how COOLIEF* Cooled RF can fit into your treatment algorithm for chronic pain patients.

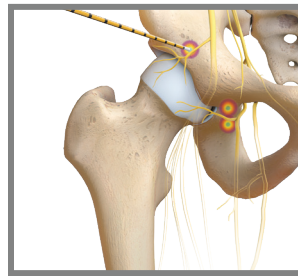
extendpainrelief.com

TARGETED TREATMENT WITH COOLIEF* COOLED RF



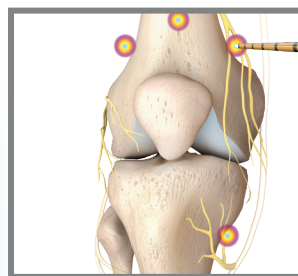
SHOULDER PAIN

Treats the sensory branches of the axillary, suprascapular and lateral pectoral nerves



HIP JOINT PAIN

Targets and treats sensory branches of the obturator and femoral nerves innervating the hip joint



COOLIEF* Cooled RF for osteoarthritis knee pain can be performed under fluoroscopy and/or ultrasound.

KNEE PAIN

Overcomes nerve path variability when targeting the sensory branches of the genicular region

HOW COOLIEF* COOLED RF WORKS

1 A radiofrequency generator transmits a small current of RF energy through an insulated electrode placed percutaneously

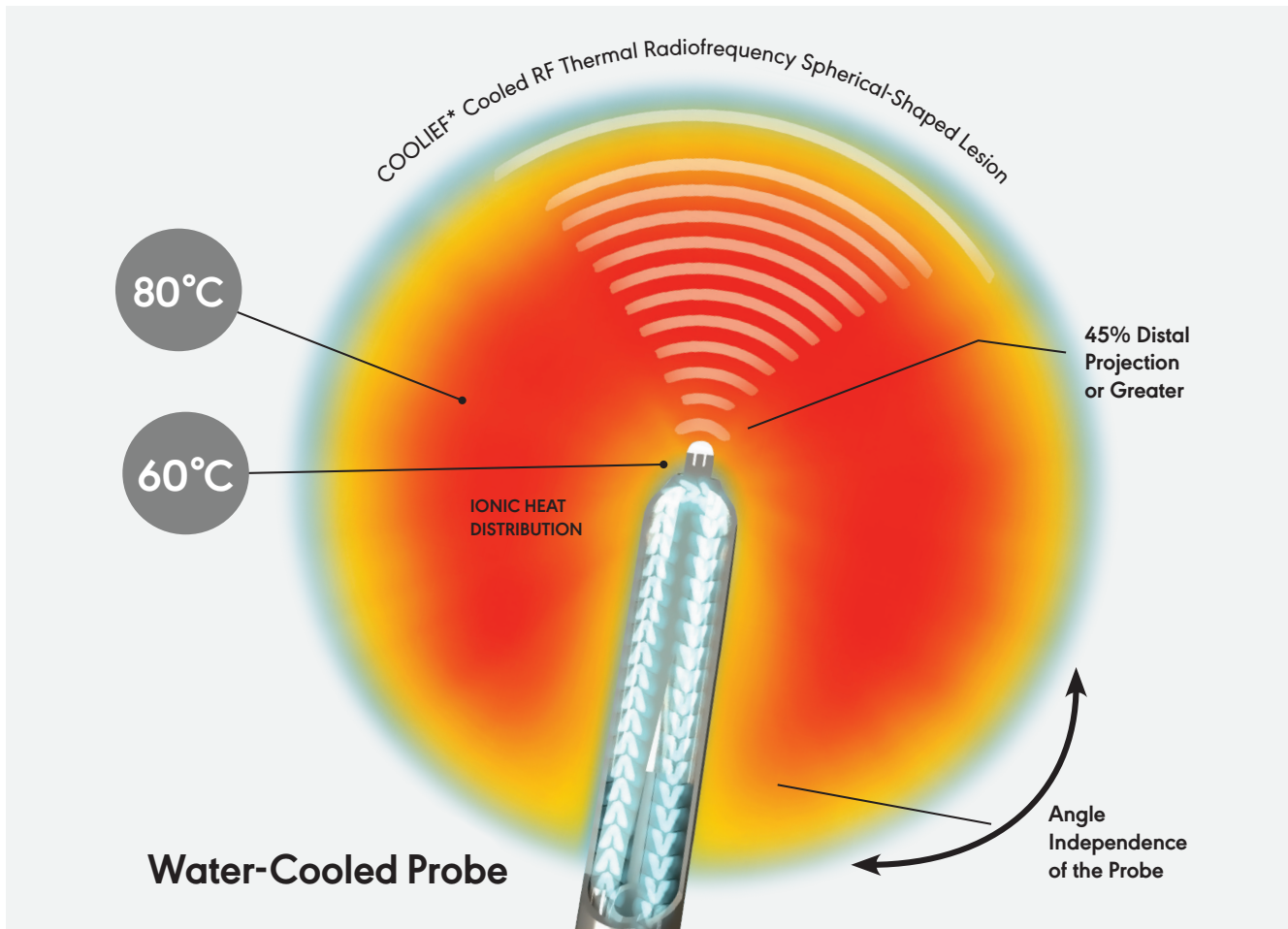
2 The electrode delivers water-cooled energy through RF electrodes

3 This RF energy creates a targeted lesion that ablates and deactivates the sensory nerves responsible for sending pain signals to the brain while leaving motor nerves intact to preserve function

1 The spherical shape of the Cooled RF lesion allows for perpendicular, oblique or parallel approaches towards the target structure

2

3



AVANOS

1. Davis T. Study: Cooled RF Ablation Superior to Corticosteroids in Knee Osteoarthritis. *Pain Medicine News* 2017 Feb.

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