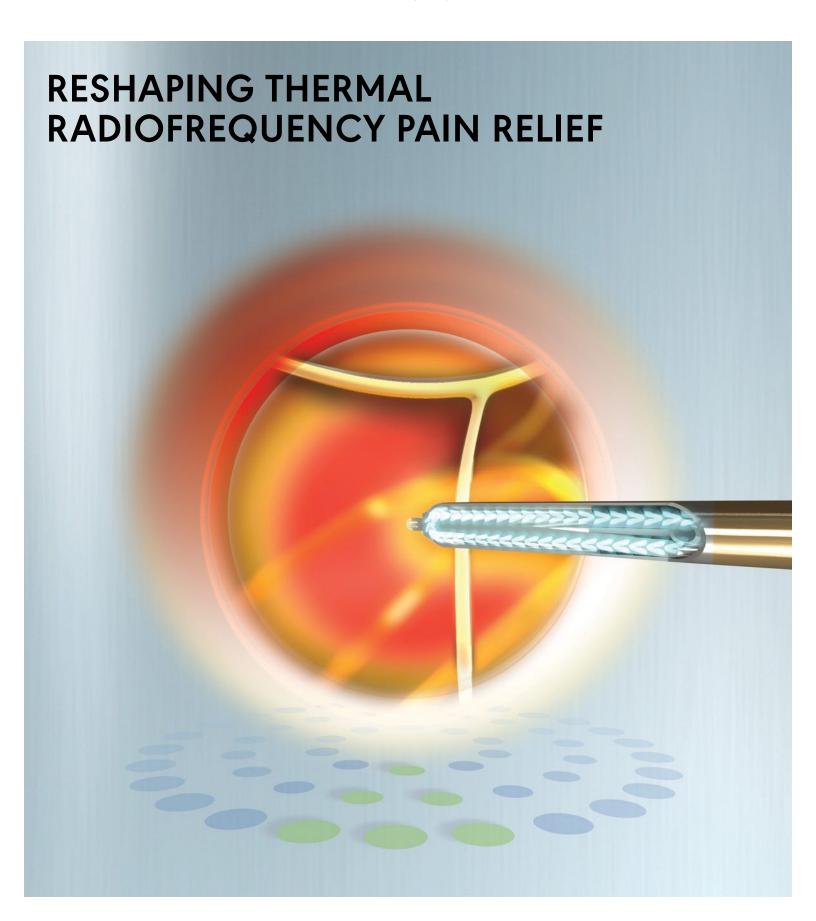
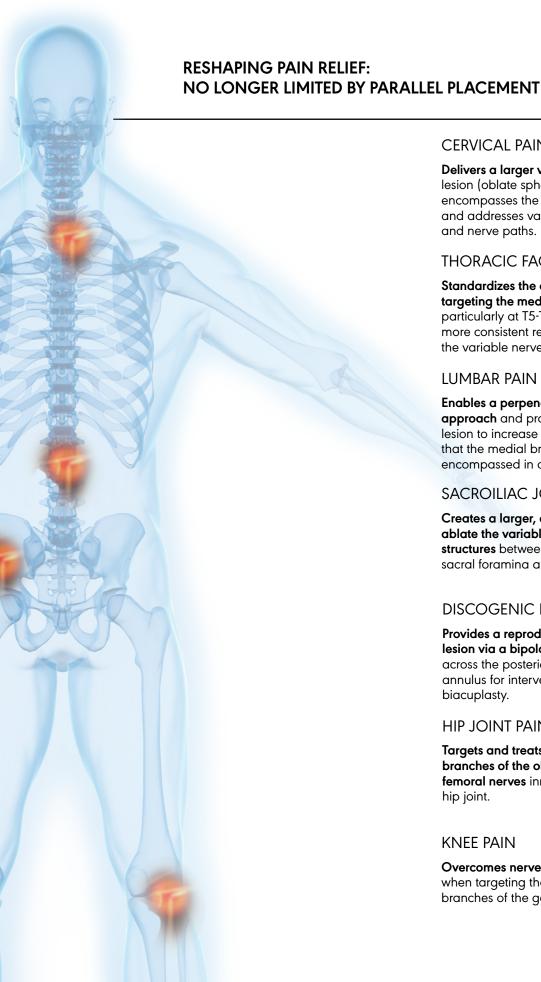
ΔVΔNOS









CERVICAL PAIN

Delivers a larger volume lesion (oblate spheroid) that encompasses the lateral mass and addresses variable anatomy and nerve paths.



THORACIC FACET PAIN

Standardizes the approach of targeting the medial branch nerves, particularly at T5-T8, to provide more consistent results of capturing the variable nerve course.



LUMBAR PAIN

Enables a perpendicular approach and provides a larger lesion to increase the likelihood that the medial branch nerve is encompassed in one pass.



SACROILIAC JOINT PAIN

Creates a larger, distal lesion to ablate the variable target neural structures between the posterior sacral foramina and the SI joint.



DISCOGENIC PAIN

Provides a reproducible, larger lesion via a bipolar approach across the posterior part of the annulus for intervertebral disc biacuplasty.



HIP JOINT PAIN

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



KNEE PAIN

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





RESHAPING PAIN RELIEF: THERMAL RADIOFREQUENCY IS NOT CREATED EQUALLY

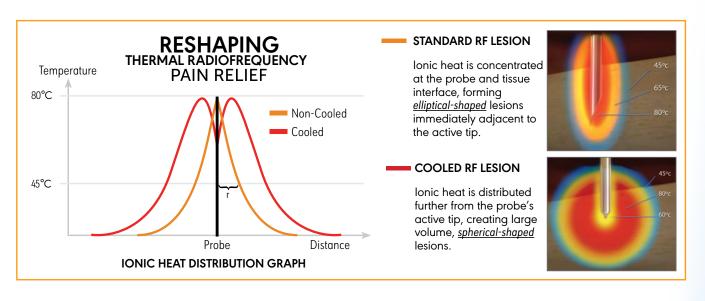
Standard RF is often unable to overcome variable nerve paths when ablating hard-to-reach target nerves in the spine, knee and hip.

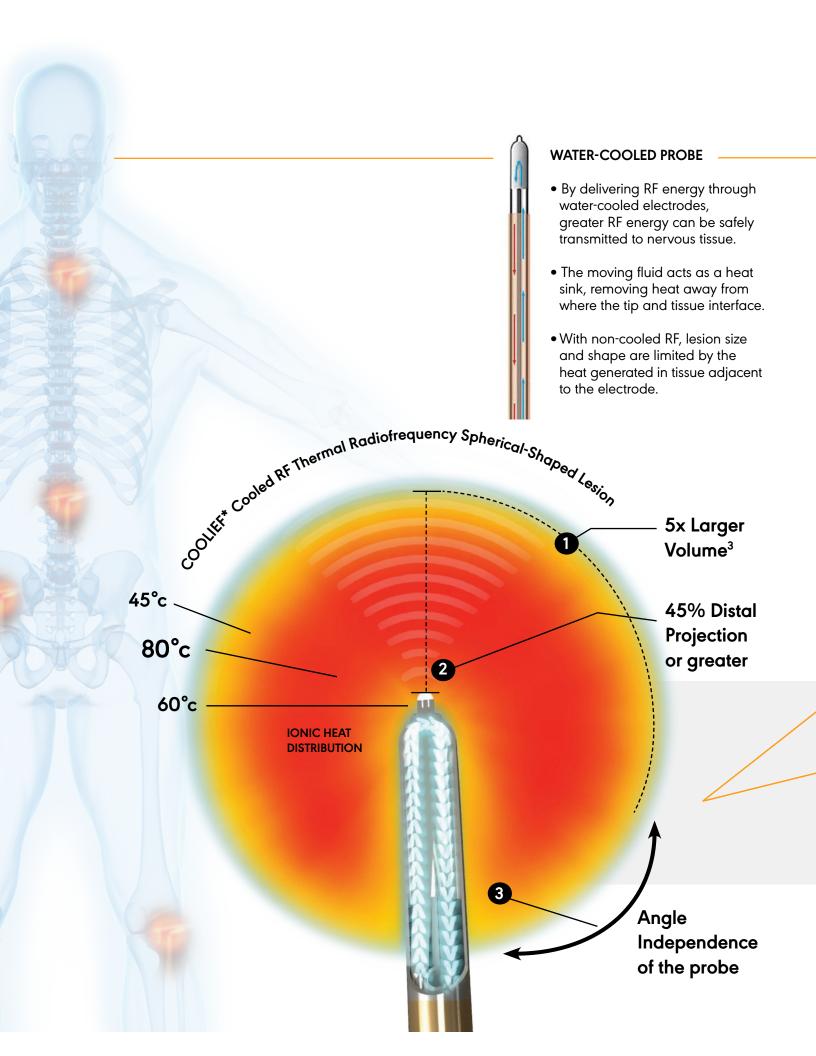
THE LIMITATIONS OF STANDARD RF:

- Lesion requires parallel placement of probe for maximum ablation
- Compensating for nerve variabilities usually requires multiple lesions
- Lesion's limited size, elliptical shape and lack of distal projection can reduce ability to ablate target nerves

THE DIFFERENCE IS: WATER-COOLED RADIOFREQUENCY

COOLIEF* Cooled Radiofrequency is the only currently known minimally-invasive, thermal radiofrequency pain management system using water-cooled technology to safely deactivate pain-causing sensory nerves.

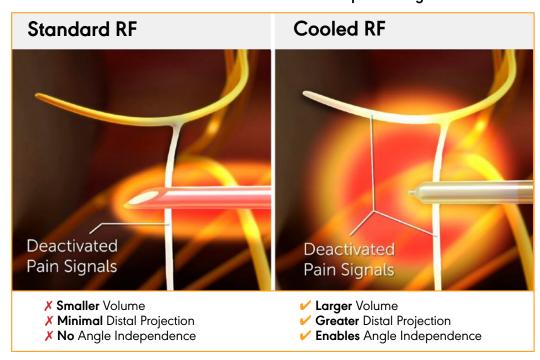




COOLED RF LESIONS: OPTIMIZES RF ABLATION

View the animation video of COOLIEF* Technology:

www.avanospainmanagement.com



Cooled RF Advantages Over Standard RF

Delivering thermal RF energy through water-cooled electrodes enables more RF energy to be delivered to targeted nerves, creating spherical-shaped lesions:

- **1** 5x larger volume³
- 2 Distally projects 45% or greater
- 3 Enables angle independence of the probe



Better Patient outcomes:

- ✓ Up to 24 months of pain relief¹
- ✓ Improved physical functionality⁴
- ✔ Reduced drug utilization²



Ask about our COOLIEF* Cooled RF Generator

- The only generator system supporting <u>both</u>
 Standard RF and Cooled RF procedures
- Provides application modalities for treating the spine, hip and knee
- Upgradeable for future technologies

To help patients learn about COOLIEF*
Cooled RF, ask your Avanos representative
to provide the following patient
education tools:

Patient website: www.mycoolief.com
Patient brochures
FAQ sheet
In-office anatomy posters
Patient testimonial videos

Avanos Medical is a medical technology company focused on preventing infection, eliminating pain and speeding recovery. Solutions for chronic pain include COOLIEF* Cooled RF, a continuous thermal radiofrequency treatment that uses water-cooled technology to safely deactivate pain-causing sensory nerves, providing up to 24 months of relief, improved function and reduced drug utilization. For more information, visit www.avanospainmanagement.com

- Ho KY, et al. Cooled radiofrequency denervation for treatment of sacroiliac joint pain: two-year results from 20 cases. Journal of Pain Research.
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- Stelzer W, MD, Use of Radiofrequency Lateral Branch Neurotomy for the Treatment of Sacroiliac Joint-Mediated Low Back Pain: A Large Care Series. Pain Medicine, 2013 Jan (1) 29-35.
- When compared to a Stryker 20ga standard RF lesion based upon testing conducted by Avanos Medical, Inc. and compared to Stryker's published information.
- Kapural L, et al. Radiofrequency Intradiscal Biacuplasty for Treatment of Discogenic Lower Back Pain: A 12-Month Follow-Up. Pain Medicine. 2015; 16:425-31.

For more information for clinicians and product code ordering information, please visit: avanospainmanagement.com
Call 1-844-4AVANOS (1-844-428-2667)in the United States and Canada.



