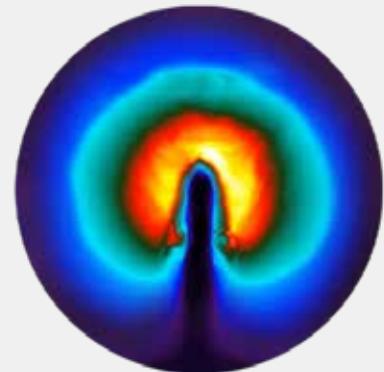
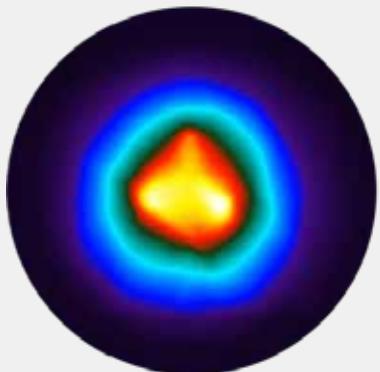


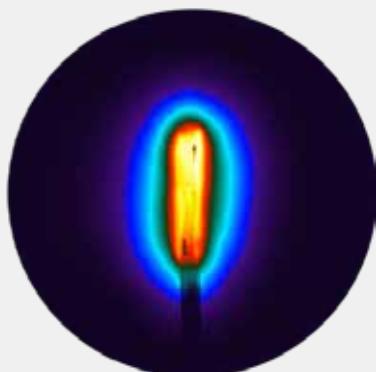
COOLiEF  
Cooled RFA



TRIDENT™  
3-Tined RFA



ESENTEC™  
Conventional RFA



**MORE CHOICES  
TO TREAT  
CHRONIC PAIN**

**THREE LESION OPTIONS**

ΔVΔNOS\*

# AVANOS® RFA SOLUTIONS

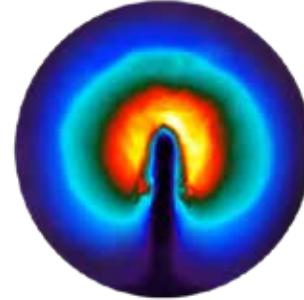
AVANOS RFA Solutions gives you more choices to tailor your treatment options to help relieve your patients' chronic pain.

Thermal Radiofrequency Ablation (RFA) is a **non-narcotic, minimally invasive pain management** procedure that targets the source of pain transmission.<sup>†</sup>

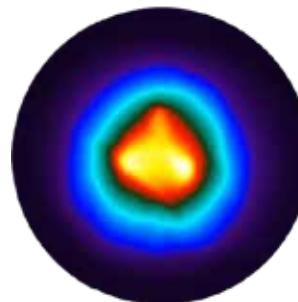
## THREE LESION OPTIONS

AVANOS offers three product choices: cooled, 3-tined, and conventional RFA.

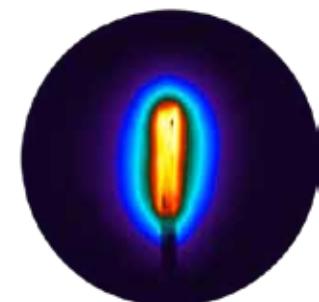
COOLIEF  
Cooled RFA



TRIDENT™  
3-Tined RFA



ESENTEC™  
Conventional RFA



## DEDICATED TO YOUR SUCCESS

### 20+ YEAR HISTORY

Over 20 years of experience working with leading institutions to develop successful pain management and opioid alternative programs.

### PROFESSIONAL EDUCATION

A medical education program with HCP led trainings for physicians and staff to stay current with techniques.

### EXPERT ASSISTANCE

Clinically trained support staff for clinical assistance and product support for patients and care teams.

### LOCAL SUPPORT

In-person support, training, and clinical education provided by local representatives in the field.



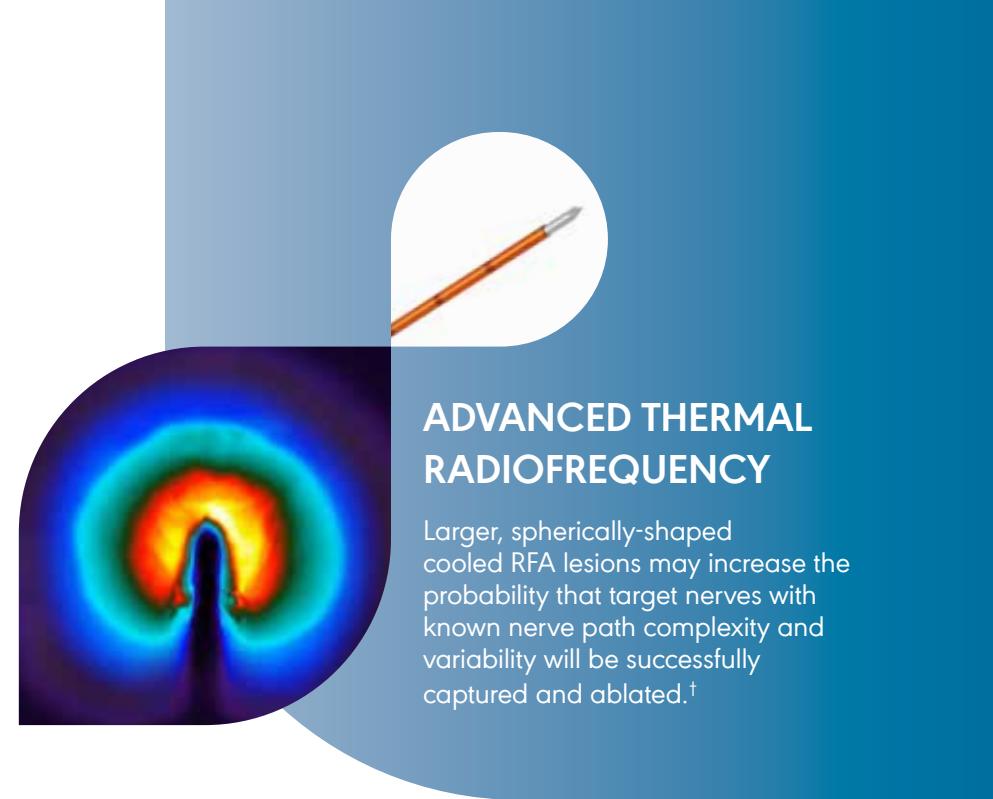
## COOLED RFA TREATMENT

COOLIEF\* is a minimally invasive effective treatment for a wide range of chronic pain patients, treating chronic knee, cervical, lumbar back, shoulder, sacroiliac joint, thoracic facet, discogenic back, and hip joint pain.<sup>†</sup>

With COOLIEF Cooled RFA, water-cooled electrodes enable more RFA energy to be delivered than traditional RFA, creating lesions that distally-project more than 45% beyond the probe's tip, resulting in a spherically-shaped lesion that can reach up to 12mm in width (in bench testing).<sup>†</sup>



Delivers up to 3.7 times more energy than conventional RFA resulting in additional cellular destruction compared to conventional RFA.<sup>†</sup>



## ADVANCED THERMAL RADIOFREQUENCY

Larger, spherically-shaped cooled RFA lesions may increase the probability that target nerves with known nerve path complexity and variability will be successfully captured and ablated.<sup>†</sup>

## CLINICAL TRIALS HAVE DEMONSTRATED THE EXTENDED CLINICAL DURABILITY OF COOLIEF

The majority of subjects experienced pain relief lasting 12 months. Some experiencing pain relief lasting up to 24 months. Patients also saw significant improvements in function at and past 12 months.<sup>†</sup>

## 3-TINED RFA TREATMENT

When compared to other thermal conventional RFA procedures TRIDENT™ offers:<sup>†</sup>



Quicker Placement



Less Anesthetic

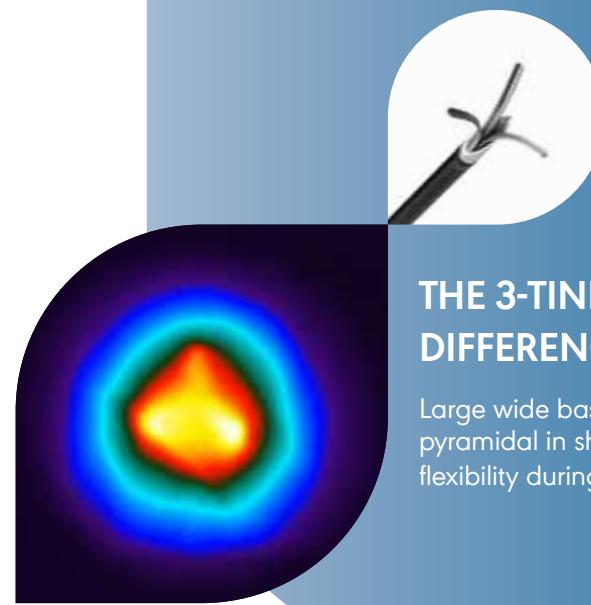


Less Radiation



### HYBRID ALL-IN-ONE

TRIDENT Hybrid All-In-One Cannula encompasses a cannula, a temperature sensor, and a long flexible injection port.



### THE 3-TINED DIFFERENCE

Large wide based frontal lesion, pyramidal in shape, allows for angle flexibility during ablation.<sup>†</sup>

TRIDENT Lesion  
at Base

### LARGER LESIONS, QUICKER PLACEMENT OF TARGETED NERVES

Larger lesions can reduce the likelihood of missing a target nerve and increase the number and extent of target nerves captured by each lesion.<sup>†</sup>



## CONVENTIONAL RFA TREATMENT

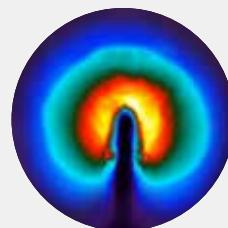
Conventional RFA creates elliptical lesions. It is suggested that the cannula be oriented parallel to the target nerve in order to maximize the length of the nerve that is coagulated (per IPSIS guidelines).<sup>†</sup>



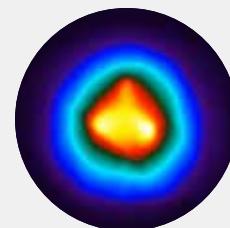
### THE CONVENTIONAL LESION

With conventional RFA, the lesion projects distally a minimal distance beyond the tip, resulting in an elliptical shape.<sup>†</sup>

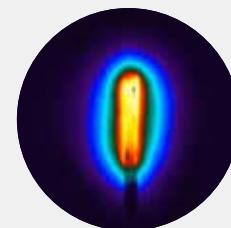
THREE LESIONS,  
THE CHOICE  
IS YOURS



COOLIEF  
Cooled RFA



TRIDENT™  
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ESENTEC™  
Conventional RFA

# AVANOS RFA GENERATOR PRODUCT FEATURES

The RFA system is comprised of a newly designed 80 Watt RFA generator, quad pump and therapy cables. The system enables physicians to perform a full spectrum of RFA procedures, including cooled, tined, conventional, pulsed, dual-bi-polar, and transdiscal.



## SUPPORTS PROCEDURAL FLOW

- Touchscreen Interface
- Plug and Play Probe Recognition
- Quick Start Guide, Demo, & Help Modes
- Custom Treatment Profiles
- Actionable Error Messaging



## POWERFUL PERFORMANCE

- 80 W Generator
- Independent Channel Control
- Enhanced Safety Circuitry
- Easily Accessible Procedure Summary & Clinical Logs



# AVANOS®

Pain Management  
& Recovery

Visit [avanos.co.uk](http://avanos.co.uk) for the product catalog and ordering information.

**In the face of the global opioid epidemic, the AVANOS Pain Management & Recovery portfolio provides non-opioid solutions tailored for the management and treatment of chronic and post-surgical pain.**

AVANOS continues to push toward a growing portfolio of opioid-sparing therapies. This includes HA injections and radiofrequency nerve ablation for chronic pain, cryocompression therapy for injuries, and post-surgical pain pumps for recovery. Each product is designed to **help patients get back to the things that matter.†**



† Claim data is on file at Avanos