

## INNOVATION • IS

# BUILDING FOR THE FUTURE





Independent Channel Control



Powerful Performance

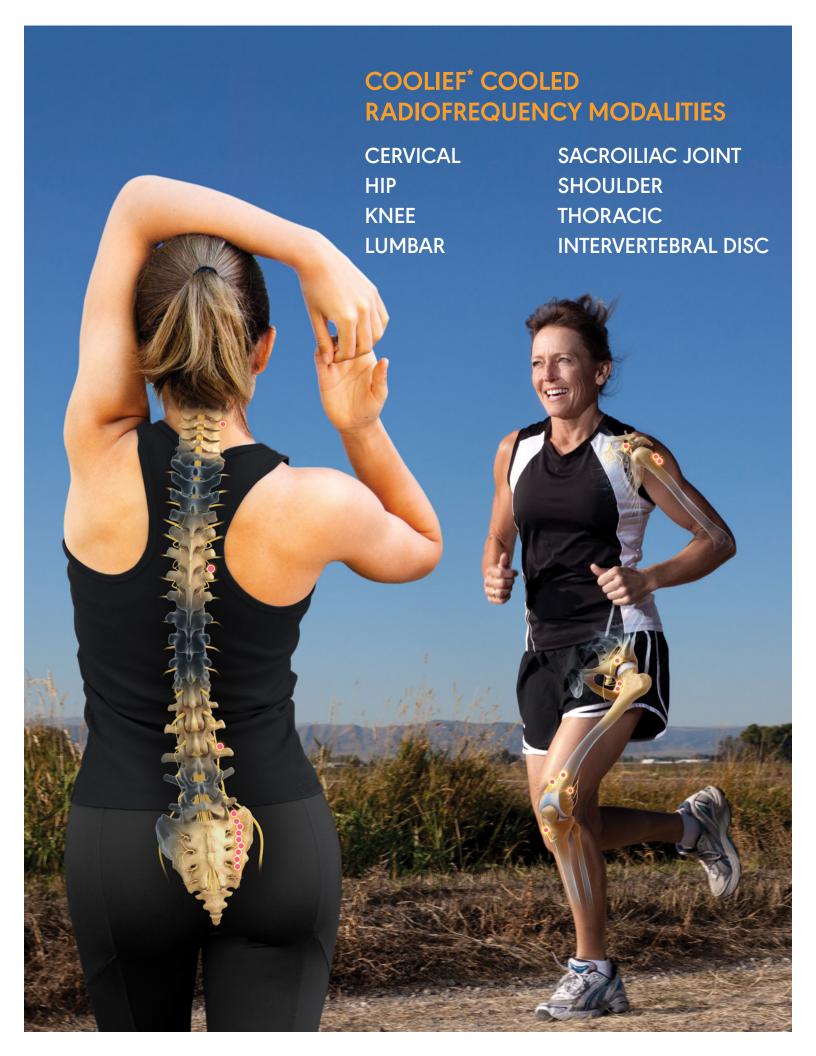


Multiple RF Treatment Options





**ΔVΔNOS** 



# COOLIEF\* COOLED RF: THE COOLED RF AUTHORITY

# The First Clinically-Proven Cooled RF Treatment for Chronic Pain

Avanos is continuing to drive innovation with COOLIEF\* Cooled Radiofrequency, the leading minimally-invasive and non-narcotic RF procedure that leads to better patient outcomes and improved physical functionality.

Specifically designed to treat complex anatomy of variable nerve courses, COOLIEF\* Cooled RF uses water-cooled technology<sup>2</sup> that enables more RF energy to safely deactivate pain-transmitting sensory nerves. This creates a larger, spherical lesion that distally projects 45% or greater beyond the probe's tip, allowing physicians to approach the target nerve from any angle. These features increase the likelihood of successful ablation and improve patient outcomes.



Effective chronic pain relief for up to **24** months<sup>1</sup>

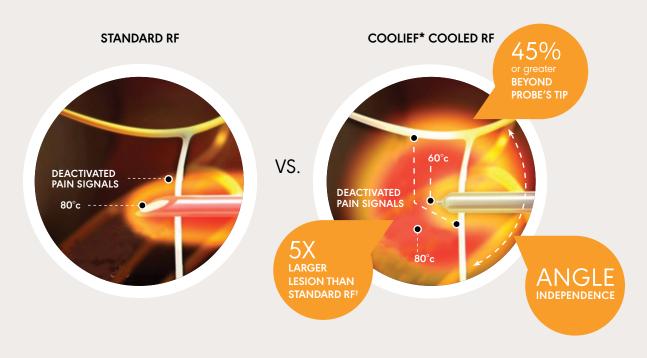


Proven by level I evidence in multiple modalities



Delivers up to **3.7X** more energy than Standard RF

#### Longer lasting pain relief with COOLIEF\* Cooled RF



## THE INNOVATION CONTINUES

### COOLIEF\* Radiofrequency (RF) System Technology

The new COOLIEF\* RF System simplifies RF ablation and is designed for intuitive usability. The COOLIEF\* RF system performs Cooled, Standard and Pulsed RF and is comprised of a newly designed RF generator, peristaltic pump and therapy cables.





#### **Innovation Driven**

- 80 W Generator performs Cooled, Standard (including single and dual bipolar), Pulsed and TransDiscal\* Procedures
- Independent Channel Control allows staggered start, stop and adjusting of 4 independent channels.
   Adjust time and temperature in cooled and standard modes without impacting other channels.
- Enhanced Safety Circuitry reduces the risk of grounding pad related skin burns
- Easily Accessible Procedure Summary and Clinical Logs are easily accessible

#### **Intuitive Usability**

- Intuitive Touchscreen Interface with procedure countdown timer
- Plug and Play Probe Recognition upon connection of a therapy cable
- Easily Accessible Quick Start Guide, Demo and Help Modes for quick training
- Custom Treatment Profiles for multiple physicians allow saving unique settings
- Actionable Error Messaging





#### **Future Focused**

- Hardware and Software Upgradeable for future enhancments
- Quad Pump Unit with IV Pole supports future product innovation

# AVANOS: THE RF AUTHORITY

Avanos provides a full portfolio of Cooled RF and Standard RF products and accessories to perform multiple modalities.

#### COOLIEF\* COOLED RF PAIN MANAGEMENT SYSTEM

Product Code	Description
CRG-ADVANCED	COOLIEF* RF Generator, Advanced - For COOLIEF*
	Cooled RF, Standard, Pulsed, TransDiscal
	and Dual Bipolar RF Procedures
CRA-QPU-1	COOLIEF* Quad Pump Unit
CRX-CRG-MCRF	Multi-Cooled RF Therapy Cable
CRX-CPU-C1	COOLIEF* Pump Connector Cable
TRX-CRG-TDP2	TransDiscal* 2.0 RF Y-Connector Therapy Cable
CRA-SGP	Split Dispersive Electrode (Split Grounding Pad)

#### **COOLIEF\* COOLED RF PROBE KITS**

**Probes:** 17 Gauge Probes available in 50mm, 75mm, 100mm and 150mm. **Active Tips:** 2 mm, 4 mm, 5.5 mm and 6 mm active tips available for multiple modalities.

**COOLIEF\*** Kits: All kits are disposable and sterile. Each kit includes one 17 gauge probe, three COOLIEF\* Fluid Delivery Introducers and one tube kit.

Multi-Cooled Kits: All kits are disposable and sterile. Each kit includes two or three 17 gauge probes, four or six COOLIEF\* Fluid Delivery Introducers and two tube kits.

**Sold Separately:** Probes and fluid delivery introducers are also available separately.

#### STANDARD RF PAIN MANAGEMENT SYSTEM

Product Code	Description
CRG-BASIC	COOLIEF* RF Generator, Basic - For Standard,
	Pulsed and Dual Bipolar RF Procedures
SRX-CRG-MRF	Multi-RF Therapy Cable
CRA-SGP	Split Dispersive Electrode (Split Grounding Pad)

#### Standard RF Probes and Cannulae

**Probes:** Single-Use or Reusable, Durable, Steam-Sterilizable, Color-Coded Standard RF Probes available in a variety of lengths, gauges and styles.

Cannulae: Color-Coded Cannulae available in a variety of lengths, gauges and styles.

Visit COOLIEFRFGenerator.com for a demo or contact your local Avanos representative to see how Avanos can help you simplify treatment and improve patient outcomes today

Avanos is committed to challenging the status quo and providing innovative solutions for pain management.



FULL PORTFOLIO OF
COOLED & STANDARD RF
PRODUCTS & ACCESSORIES



MILLIONS OF DOLLARS INVESTED
IN COOLED RF CLINICAL RESEARCH



MORE THAN 200,000 PATIENTS
TREATED WITH COOLIEF\* COOLED
RF IN THE LAST 4 YEARS



34 PEER-REVIEWED PUBLISHED
CLINICAL STUDIES IN COOLIEF\*
COOLED RF



# GET YOUR PATIENTS BACK TO THE THINGS THAT MATTER, FASTER.

#### Visit COOLIEFRFGenerator.com

for a demo or contact your local Avanos representative to see how Avanos can help you simplify treatment and improve patient outcomes today



