KIMBERLY-CLARK* Radiofrequency
Pain Management System

Advanced minimally invasive, clinically effective solutions for chronic pain

Kimberly-Clark

*Trusted Clinical Solutions**

The most advanced RF system in the world, with more pain treatment options than ever, to help you give patients the life they deserve

When conservative measures don't measure up, RF lesioning can offer lasting relief from chronic spinal pain.

Many patients who experience low back pain recover within a few months, but some patients suffer from chronic pain that originates in the facet joints or in disc tissue.[1] Radiofrequency neurotomy is an effective means of reducing pain in patients appropriately selected on the basis of controlled diagnostic blocks.[2]

The Kimberly-Clark* Radiofrequency Pain Management System is easy to use and provides more application modalities than any other RF system, giving physicians more ways to target patients' pain. Designed with rich functionality, yet simple to operate, it's the only system with revolutionary cooled RF capability to treat discogenic, sacroiliac joint, thoracic and lumbar facet pain.

Kimberly-Clark* Pain Management RF Generator

- Upgradeable to future technologies
- Simple to use, with real-time graphical display and user-friendly interface
- Plug-and-play system with intelligent probe recognition
- Supports cooled RF platform to create large volume, spherical lesions in nervous and disc tissue

Standard Modalities	Cooled RF Modalities
Standard RF	SInergy* System
Multi-Level RF	LumbarCool* System
Pulsed RF	ThoraCool* System
Stimulation	TransDiscal* System
	Multi-Cooled RF

Lumbar Medial Branch Neurotomy Improvement in Visual Analog Scale at 12 months

Dreyfuss, P. et al., Spine, 2000[2]
60% of patients — **90% improvement**
87% of patients — **60% improvement**

Among patients selected using controlled diagnostic blocks

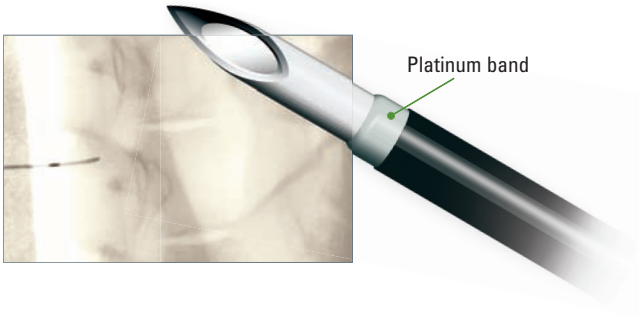
"RF treatment provided significantly greater relief of low back pain and leg pain than did placebo treatment…accompanied by significantly greater improvements in paravertebral tenderness, various movements, quality of life, and use of analgesics." [1]

— Nath, S. et al, Spine, 2008.

KIMBERLY-CLARK* Multi-RF Module

- Connects up to four pain management probes at one time, for greater efficiency in performing multiple levels
- Can reduce procedure time to improve OR utilization
- Can be used with any cannula size or tip length
- Intelligent probe recognition means no need to change settings. Simply plug in any number of probes and the system recognizes and adapts
- Provides independent impedance monitoring of all four probes during placement
- Conveniently located at the bedside

KIMBERLY-CLARK* Radiopaque RF Cannula



- Platinum band at distal end of active tip defines actual lesion location under fluoroscopy
- Provides enhanced visualization for more accurate positioning
- Color coded for quick reference
- Disposable to prevent cross-contamination

KIMBERLY-CLARK* RF Probes

- Reusable, steam-sterilizable, and available in a variety of lengths and gauges
- Color-coded for easy gauge identification
- Probe kits include: RF probe, protective tube, connector cable, and autoclave case for storage and steam sterilization

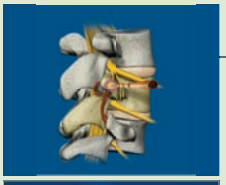
KIMBERLY-CLARK* *RF Nitinol Probes*

- Made from super-elastic nitinol alloy
- More durable than standard probes for a longer product life
- Compatible with any cannulae gauge sizes 16 through 22
- Backward compatible to work with all existing KIMBERLY-CLARK* Pain Management Generator models

The KIMBERLY-CLARK* Radiofrequency Pain Management System is fully upgradeable to future technologies.

Radiofrequency Pain Management System

Minimally invasive, clinically effective – radiofrequency generators, probes and cannulae in the most complete range of RF solutions for chronic spinal pain.



Cooled Radiofrequency Pain Management System

A revolution in radiofrequency, cooled RF technology creates large volume, spherical nerve and disc lesions to treat chronic spinal pain.

Needles, Procedural Trays and Kits

High quality and manufactured to exacting standards for consistent performance.

KIMBERLY-CLARK Radiofrequency Pain Management System*

Code	Description	Packaging
PMG-115-TD	RF Generator, Advanced Model	1 /each
PMG-115	RF Generator, Basic Model	1 /each
PMX-BAY-MRF	Multi-RF Module	1 /each

KIMBERLY-CLARK RF Probe Kits*

Available in lengths (mm): 54, 60, 100, 145, 200, to fit 16-22 gauge cannulae, straight and curved
Kit includes: RF probe, protective tube, connector cable, and autoclave case

Example Code	Description	Packaging
PMK-22-100	Radiofrequency Probe Kit	1 / each

KIMBERLY-CLARK RF Nitinol Probe Kits*

Available in lengths (mm): 54, 60, 100, 145, 200, straight and curved. All probes compatible with any cannula gauge size. Kit includes: RF probe, protective tube, connector cable, and autoclave case

Example Code	Description	Packaging
PMK-100-N	Radiofrequency Nitinol Probe Kit	1 / each

KIMBERLY-CLARK Radiopaque RF Cannula*

Available in lengths (mm): 54, 100, 145: gauge 16-22, straight and curved

Example Code	Description	Packaging
PMF-18-100-10	Radiofrequency RF Cannula	10 / case

KIMBERLY-CLARK RF Accessories*

Code	Description	Packaging
PMA-GP-BAY	Grounding Pad, with cord	1 / each
PMA-SED-PMG	Sterile Equipment Drape	1 / each

The KIMBERLY-CLARK ADVANTAGE*

KNOWLEDGE NETWORK* Clinical Education
On-site Clinical Support
Certified Sales Representatives
Tools & Best Practices
Clinical Research
Commitment to Excellence

Infection prevention website:
www.HAIwatch.com

For more information, please call 1-800-KCHELPS (1-800-524-3577) in the United States or visit our website at
www.kchealthcare.com/pmsolutions

For additional sizes and accessories, contact your Kimberly-Clark representative.

1 Nath, S. et al. Percutaneous lumbar zygapophysial (facet) joint neurotomy using radiofrequency current in the management of chronic low back pain: a randomized double-blind trial. Spine, 2008; 33(12): 1291-97.

2 Dreyfuss, P. et al. Efficacy and validity of radiofrequency neurotomy for chronic lumbar zygapophysial joint pain., Spine, 2000; (25(10):1270-77.

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