Microwave is the fastest growing ablation modality.

Due to limitations posed by radiofrequency, microwave will largely replace radiofrequency as the preferred ablation choice in the future.

Some companies, such as NEUWAVE®, provide devices that are specifically designed to effectively ablate tissue in delicate, aerated lung tissue.

— Millennium Research Group 2015

Benefits of microwave ablation

• Efficacious in ablating soft tissue with a low complication rate.
• Most procedures completed with 5-10 minutes of ablation time.
• Many patients leave the hospital the same day as the procedure with only a bandage at the probe insertion point.

"From a patient’s perspective, this procedure is really wonderful because it’s very precise and the aftereffect is negligible. I didn’t have any discomfort. I was up the next day feeling fine and I was back in the classroom the day after."— Kevin McSweeney, patient

“Efficacious in ablating Many patients leave the hospital the same day as the procedure with only a bandage at the probe insertion point.”

Proven system developed by physicians

The NEUWAVE™ Microwave Ablation System was developed by physicians and microwave scientists at the University of Wisconsin who were looking for a better solution for patients with soft tissue lesions.

Supported by training and education

Dedicated clinical specialists for case coverage
Comprehensive physician and staff training with a formal competency evaluation and certification
Didactic and in vivo animal training labs
Regional case observation and hands-on learning labs
Reimbursement hotline: 800-400-7651

Positioned for the future

NEUWAVE™ is focused on meaningful clinical innovation and product differentiation to drive better patient outcomes and lower costs. Our computer controlled platform, developed with an open architecture enables all systems to be easily supported with additional features and enhancements.

For more information on the NEUWAVE™ Microwave Ablation System, contact us:
877-323-WAVE (9283) • info@NEUWAVE.com • NEUWAVE.com

DISCLAIMER: The NEUWAVE™ Microwave Ablation System is cleared for the ablation (coagulation) of soft tissue in percutaneous, open surgical and laparoscopic surgical settings. The NEUWAVE™ Microwave Ablation System is not cleared for treatment of any specific disease or condition. The NEUWAVE™ Microwave Ablation System is not intended for use in cardiac procedures. This system is designed for facility use and should only be used under the orders of a clinician. Clinicians should exercise their independent medical judgment in use of the system.

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The NEUWAVE™ Microwave Ablation System

When it comes to ablating lesions, achieving the best outcomes for each individual patient is paramount. The totality of the NEUWAVE Microwave Ablation System allows you to tailor ablations to each patient’s clinical need.

Computer controlled system delivering high powered, fast ablations

- Touchscreen interface
- Procedure data stored and easily accessible
- Daily call home system for performance monitoring
- Independent power and time control on each channel during procedure
- CO₂ cooled system for 17 gauge probes and Tissu-Loc™ to help reduce probe migration

- 17 gauge probe = Less invasive procedures
- Helps reduce probe migration
- Tissu-Loc technology “sticks” the probe in place, to help minimize probe migration during imaging and additional probe placement

CO₂ cooled system for 17 gauge probes and Tissu-Loc™ to help reduce probe migration

Multi-probe synchrony for large ablations with 2 or 3 probes

- Larger, rounder ablations compared to sequential probe activation with a single probe
- Higher temperatures at the periphery of the ablation zone
- More uniform temperatures across the ablation zone
- Most procedures are completed within 5-10 minutes of ablation time

Ablation Confirmation offering the only integrated image processing software to evaluate the technical success of procedures

Ablation Confirmation (AC) is a CT image processing software that resides on a second, dedicated monitor attached to the NEUWAVE™ Microwave Ablation System.

Benefits of Ablation Confirmation

- Lock your target
- Define and lock your target volume for sequential probe placement accuracy and margin analysis.

- Evaluate probe placement
- See the exact position of the probe to your target by viewing combined target and probe placement scans.

- Confirm technical success
- Verify technical success of the procedure by viewing combined target and ablation zone scans.

- Demonstrate your success
- Clear 2D and 3D procedure images are stored to PACS and can be shared among patients, referrers and peers to showcase your procedure success.

- Ablation doesn’t cover lesion and margin.
- Ablation covers lesion and margin.
- Probe missed lesion
- Probe placed in lesion
- Segmented lesion and margin defined

Versatile probe portfolio including the NEUWAVE™ PR Probe with distal energy control

- NEUWAVE™ PR Probe
  - 6 cm single probe ablation in any soft tissue
  - The only probe available with distal energy control to help protect non-target tissue

- NEUWAVE™ PR XT Probe with a stiffer shaft for difficult probe placements

- NEUWAVE™ LR and LN Probes
  - NEUWAVE LR single probe ablation
  - NEUWAVE LN single probe ablation

- NEUWAVE™ PR Probe Burn Pattern: Tip-weighted probe with emitting point 1 cm from tip. Ablation encompasses tip and then burns proximally (away).

- NEUWAVE™ LK & LN Probe Burn Patterns:
  - Ablation progresses uniformly both distally and proximally from the emitting point 2 cm from tip.

- Larger, rounder ablations compared to sequential probe activation with a single probe.
- Higher temperatures at the periphery of the ablation zone.
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