

Healing starts with a safe OR for everyone

Partner with MEGADYNE™

Energy, part of Ethicon, to build a stronger OR safety environment for staff and patients through our full electrosurgery portfolio.



Enhance patient protection with electrosurgery products designed to help you reduce the risks of:



Surgical smoke

- According to the CDC, exposure to surgical smoke can cause both acute and chronic health effects¹
- Health effects range from eye, nose and throat irritation to emphysema, asthma or chronic bronchitis¹



Sharps injuries

- 17% of sharps injuries in OR attributed to scalpel blades²
- Up to \$154 million spent annually on scalpel-related injuries³



Burns

- 29% of all energy-based device complications reported to the FDA are pad-site burns, and the risk of a pad-site burn injury is increased when the current is concentrated⁴

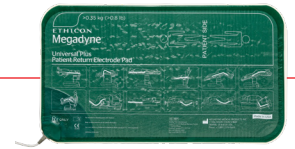
¹ NIOSH Study Finds Healthcare Workers' Exposure to Surgical Smoke Still Common. Nov 3, 2015. (075012-190205) ² Jagger J, Berguer R, Phillips EK, Parker G, Gomaa AE; American Journal of Surgery. Apr;210(4):496-502. doi: 10.1016/j.jamcollsurg.2009.12.018. (126599-191029) ³ Injuries incurred by hospital-based healthcare personnel. Workbook for Designing, Implementing, and Evaluating a Sharps Injury Prevention Program, Centers for Disease Control and Prevention, 2008. (078291-191029) ⁴ Overbey DM, Townsend NT, Chapman BC, et al. Surgical Energy-Based Device Injuries and Fatalities Reported to the Food and Drug Administration. Journal of the American College of Surgeons 2015;221:197-205 et.

Electrosurgery products designed to help you **decrease the risks of smoke, sharps injuries and burns.**

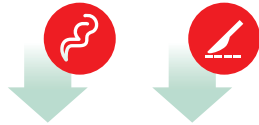
MEGADYNE™ MEGA SOFT™ Reusable Patient Return Electrodes



- Helps prevent pad-site burns by limiting heat buildup
- Used in more than 100 million procedures worldwide



MEGADYNE ACE BLADE™ 700 Soft Tissue Dissector



- Can eliminate the need for a surgical scalpel in the OR, removing a risk for sharps injuries¹
- 99.6% less surgical smoke compared to stainless steel monopolar electrosurgery²



MEGADYNE™ ULTRA VAC™ Smoke Evacuation Pencil



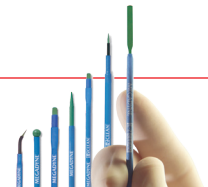
- Adjustable length positions the smoke evacuation tip closer to the surgical site, which is designed to provide efficient smoke evacuation
- Designed for comfort and ease of use



MEGADYNE™ E-Z CLEAN™ Electrosurgical Electrodes



- E-Z CLEAN™ Electrodes, with PTFE coating, are easily cleaned with a damp sponge
- Produces 68% less smoke³



MEGADYNE™ Mega Vac PLUS Smoke Evacuator



- Designed for maximum smoke evacuation while maintaining a quiet OR⁴
- Removes plume for a clear field of vision, removing potentially hazardous materials without deflating the pneumoperitoneum



MEGADYNE™ MEGA POWER™ Electrosurgical Generator



- The power behind MEGADYNE™ Energy solutions
- Constant Control Technology™ feature designed to monitor tissue impedance and adjust power output accordingly



Find out how to get started at: ethicon.com/SafeOR

¹ In a clinical study vs. cold steel scalpel that demonstrated noninferior wound healing/scar formation via the Patient Scar Assessment Scale (PSAS) (p<0.0001). Lee BJ, et al. Advanced Cutting Effect System versus Cold Steel Scalpel: Comparative Wound Healing and Scar Formation in Targeted Surgical Applications. *Plast Reconstr Surg Glob open.* 2014;2(10). (075570-190801) ² In ACE Mode vs. standard monopolar electrosurgery: In a preclinical porcine model vs. uncoated stainless steel blades at 60W (p<0.001). Kisch T, et al. Electrosurgery Devices with Feedback Mode and Teflon-Coated Blades Create Less Surgical Smoke for a Quality Improvement in the Operating Theater. *Medicine.* 2015;94(27). (075563-190304) ³ In a preclinical porcine model at 60W vs. uncoated stainless steel blades at 60W (p<0.001). Kisch T, et al. Electrosurgery Devices With Feedback Mode and Teflon-Coated Blades Create Less Surgical Smoke for a Quality Improvement in the Operating Theater. *Medicine.* 2015; 94(27). (074999-190121) ⁴ Per Instructions for Use. (075006-170621)