ZIP
Away Surgical Smoke

ZIP-PEN™
Ergonomic Smoke Evacuation Pencil
Everyone in the OR should ZIP IT!

Isn’t it about time we stopped talking about the hazards of surgical smoke and started doing something about it? Let the change start with you. Just ZIP it!

The ZIP Pen smoke evacuation pencil from Megadyne allows surgeons to experience comfortable and precise electrosurgery while minimizing the hazards of inhaling surgical smoke.

**What’s a ZIP Pen?**
The ZIP Pen is a smoke evacuation device unlike any other. It functions like a standard electrosurgical pencil, but effortlessly removes surgical smoke at the source. Three ergonomic grip options provide a level of choice and comfort surgeons will appreciate. (Note grip options to the right.)

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**Removes the smoke, adds comfort and precision.**

**Choice and Comfort = No Excuses**
With 100% less torque on the back end of the pencil* than both standard and smoke evacuation pencils, the ZIP Pen is highly ergonomic. Surgeons will appreciate the added comfort and the surgical team will benefit from a cleaner, healthier OR.

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**Three ZIP Pen Grips:**

**“Trigger” Grip Method**
Considered by many to be the most ergonomic grip, the ZIP Pen tubing becomes part of the hand and eliminates torque.

**“Over the Hand” Grip Method**
This grip reduces torque by draping the tubing over the surgeon’s thumb or back of the hand.

**“Traditional” Grip Method**
Tubing can be kept in the full upright position (as shown) to emulate a traditional pencil if so desired.

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* When used in the “trigger” grip method
Ergonomic Features:

• Lightweight design to minimize hand fatigue.
• Fully integrated cable inside the tubing.
• Large activation buttons for ease of use.
• Safety grip for comfort and control.
• Clear suction sleeve encapsulates electrode for maximum smoke capture without inhibiting surgical site visibility.
• Captures hazardous surgical smoke at the source for optional efficiency.
• Buttons have tactile “pop,” which provides positive and instant feedback for activation/deactivation of electrosurgical energy.
• Swivel connectors reduce resistance to any pencil movement.
• Ergonomic design reduces tubing torque.
• Full 360 Degree swivel capabilities for maximum procedural flexibility.
• Extension capability for 4 and 6.5 inch electrodes.
• Fully assembled, ready to use.
• Compatible with a variety of smoke evacuators.
• Every ZIP Pen features an E-Z Clean® coated electrode to reduced eschar buildup.

Why evacuate surgical smoke?
Surgical smoke has been proven to contain toxins and carcinogens and should be removed from the air. Studies show that inhaling one gram of surgical smoke contains the same toxins as smoking six unfiltered cigarettes. Other studies show that surgical team members have elevated respiratory illnesses when compared to the general population.

One Gram of Tissue = Six Unfiltered Cigarettes

The OR should not be a place in the hospital where smoking is allowed. Zip it up. Cleaner, clearer air is as easy as using the ZIP Pen.

1. Perioperative Standards and Recommended Practices (Jun 2009)
2. Tomita et al, 1989
Ordering Information

The ZIP Pen is equipped with an innovative one-size-fits-most connector for maximum compatibility.

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<tr>
<th>Description</th>
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<th>Qty Per Box</th>
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<tbody>
<tr>
<td>ZIP Pen Smoke Evacuation Pencil (10’ Cord Length) and Holster</td>
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ZIP Pen Accessories

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<td>4 inch (10.16 cm), Extended Blade Electrode</td>
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<td>Zip Pen Extension Nozzle 5.2 inch (13.2 cm)</td>
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<td>Charcoal Filter for the Mega Vac smoke evacuator</td>
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<td>Universal Adapter</td>
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To order the ZIP Pen or any of our other fine Electrosurgical Products, contact Megadyne toll-free at 1-800-747-6110, or your local Megadyne Distributor.

Megadyne, the exclusive manufacturer of E-Z Clean non-stick PTFE Coated Electrosurgical Tips, offers a full line of Electrosurgical Products including:

- Mega Power®
- Electrosurgical Generator
- Electrosurgical Pencils
- PTFE Coated Laparoscopic Electrodes
- All-In-One™ Hand Control
- All-In-One™ Coated Laparoscopic Electrodes
- Lletz Loop Electrodes
- Mega Soft®
- Patient Return Electrodes
- MegaTip® Indicator Shaft®
- Disposable Patient Return Electrodes

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