

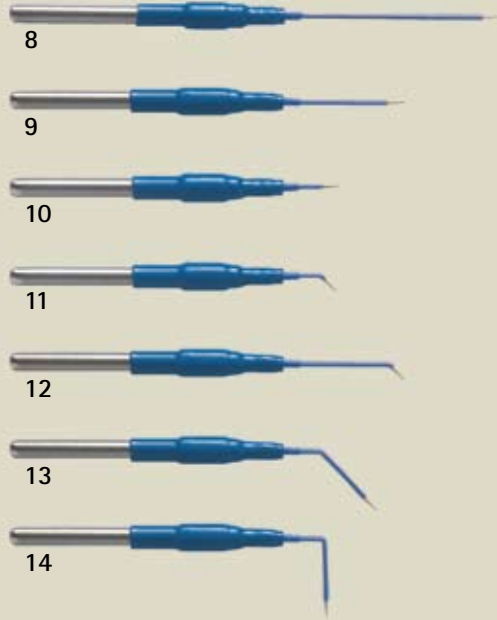
## Epitome® Scalpel

Order No	Description	Package
1	CBE-250 Epitome .2, extended 4" shaft	25 / box
2	CBE-150 Epitome .4, extended 4" shaft	25 / box
3	CBE-210 Bendable Epitome .2, standard 2" shaft	25 / box
4	CBE-100 Epitome .4, standard 2" shaft	25 / box
5	CBE-200 Epitome .2, standard 2" shaft	25 / box
6	CBE-220 Bendable Epitome .2, standard 2" shaft with ZapGuard™	10 / box
7	CBE-270 Bendable Epitome .2, extended 6" shaft with ZapGuard™	10 / box



## OptiMicro™ Needle

Order No	Description	Package
8	DN-0400 OptiMicro Needle, 4cm long straight tip	10 / box
9	DN-0300 OptiMicro Needle, 3cm long straight tip	10 / box
10	DN-0200 OptiMicro Needle, 2cm long straight tip	10 / box
11	DN-0245 OptiMicro Needle, 2cm long with 3mm long 45° tip	10 / box
12	DN-0345 OptiMicro Needle, 3cm long with 3mm long 45° tip	10 / box
13	DN-0445 OptiMicro Needle, 3cm long with 10mm long 45° tip	10 / box
14	DN-0390 OptiMicro Needle, 3cm long with 10mm long 90° tip	10 / box



**UTAH MEDICAL  
PRODUCTS INC.**

### United States

Utah Medical Products, Inc.  
7043 South 300 West  
Midvale, Utah 84047  
800.533.4984  
801.566.1200

### Europe

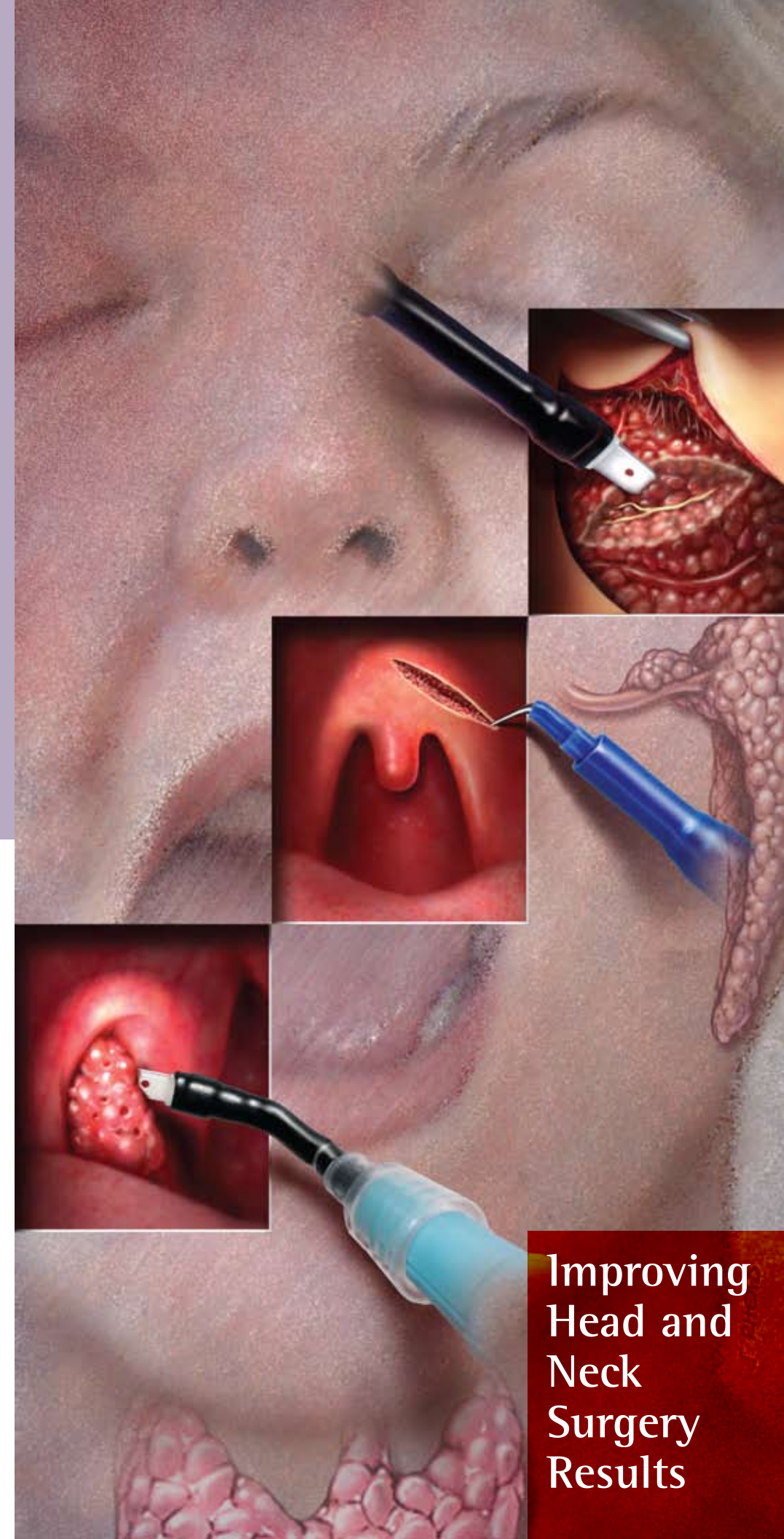
Utah Medical Products Ltd.  
Athlone Business &  
Technology Park  
Athlone, Co. Westmeath, Ireland  
353.90.647.3932

US Patents 5,860,976, 6,126,656

pn 58158 rev 061508

www.utahmed.com

**Improving  
Head and  
Neck  
Surgery  
Results**



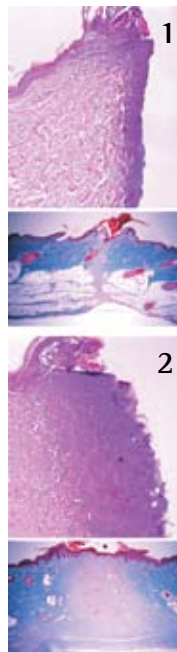
Precise results with electro-surgical tools are achieved by confining the electrical current to a specific and focused geometry. With this in mind, Utah Medical Products designed specialty precision electro-surgical electrodes that improve system performance and achieve excellent results for a range of otolaryngological and facial plastic surgical procedures.

## EPITOME<sup>®</sup> SCALPEL

### Precise Dissection and Excision

The patented Epitome<sup>®</sup> Scalpel electrode uses a fine wire element at the edge of a non-conductive ceramic core to focus the current at the edge of the blade, resulting in clean tissue dissection with minimal thermal injury. Comparative histology (at right) of porcine skin incisions shows that Epitome (1) yields significantly reduced thermal injury and fibroplasia as compared to a standard electro-surgical tip incision (2). Providing the cutting precision exceeding that of a cold scalpel, healing results comparable to a cold scalpel, and hemostasis of the electro-surgical modality, only Epitome can potentially provide:

- Reduction of thermal injury, which may reduce post-surgical pain and return-to-normal times for tonsillectomy and UPPP patients
- Short tip to promote precise tonsil excision with minimized risk of peripheral tissue burns
- Ability to use lower power settings compared to standard blade tips, to potentially reduce the hazards of electro-surgery and nerve and muscle twitch.



### Surgeon Praise for Epitome

"Parents have been reporting less post-surgical pain with their children's tonsillectomies compared to prior experiences"

Steven Gray MD, Otolaryngological Surgeon  
Salt Lake City, UT

"Epitome is an ingenious product! I see a stark difference in its ability to cut through fatty tissue, and I get less tissue trauma than with a standard electro-surgical blade tip."

Jerry W. Bains MD, Plastic and Reconstructive Surgeon, Phoenix, AZ

"Epitome represents a notable advance in electro-surgical technology. It provides a superior surgical tool compared with earlier model electro-scalpels in terms of handling and control and exhibits measurable improvements in post-operative incisional healing closely approaching characteristics of the traditional [brand name] cold scalpel blade."

Vore SJ, Wooden WA, et al, Comparative healing of surgical incisions created by a standard 'bovie', the Utah Medical Epitome electrode, and a Bard Parker cold scalpel blade in a porcine model: a pilot study. *Ann Plast Surg* 2002;49:635-45

## OptiMicro<sup>™</sup> Precision Electrodisssection

### Microdissection with Unparalleled Results

The OptiMicro<sup>™</sup> Needle ultra-fine tip electro-surgical electrodes are designed to provide precise dissection without adverse thermal effects to yield excellent cosmetic results for small-scale procedures. These micro-needles have the finest geometry available. Because of their extremely small surface area, high current densities are achieved with very low power settings.

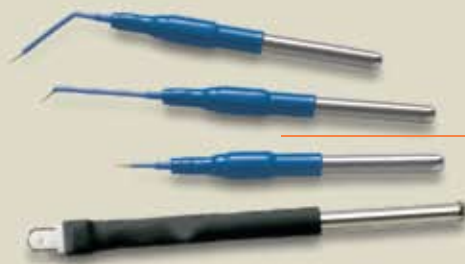
Utah Medical Products designed and manufactures the OptiMicro Needle to exacting standards, providing the discerning surgeon with important clinical benefits:

- Thermal tissue injury is virtually eliminated, allowing excellent healing results.
- Output power settings are very low, minimizing nerve and muscle cell stimulation and stray electro-surgical currents.
- Tungsten electrode withstands high current densities, and maintains sharpness throughout procedure.
- Substantially reduces smoke plume and odor compared to standard blade geometry tips.
- Provided sterile for immediate use.

Requirements: Minimize thermal effect  
Avoid facial nerve and muscle stimulation  
Minimize scarring  
Hemostasis while cutting

Electrode: Various OptiMicro Needles, Epitome CBE-210

Settings: OptiMicro: 5-10 W, Blended Cut  
Epitome: 15-50 W, Pure or Blended Cut



Requirements: Avoid nerve damage and stimulation  
Minimize specimen damage  
Short active blade/needle tip

Electrode: Epitome CBE-210, Various OptiMicro Needles

Settings: Epitome: 15-40 W, Pure or Blended Cut  
OptiMicro, 5-10 W, Blended Cut

Requirements: Minimize post-surgical pain  
Fast return-to-normal  
Short active blade/needle tip

Electrode: Epitome CBE-220, CBE-270, OptiMicro DN-0345 or DN-0445

Settings: Epitome: 10-25 W, Pure Cut  
OptiMicro: 4-8 W, Pure Cut



Requirements: Short active blade tip, with angle  
Protection from peripheral injury  
Minimize post-surgical pain  
Hemostasis while cutting  
Fast return-to-normal

Electrode: Epitome CBE-220, CBE-270

Settings: 10-30 W, Blended Cut



Requirements: Minimize specimen damage  
Minimize scarring  
Short active blade tip

Electrode: Epitome CBE-210

Settings: 15-40 W, Pure or Blended Cut

Power settings may vary from those shown depending on system used and individual preference and technique

# Head and Neck Dissection

## Parotidectomy

## UPPP

## Tonsillectomy

## Tumor Excision