

MiFusion® Thermal Fusion Technology

ENTCEPS® FOR TONSILLECTOMY

PRECISION - SAFETY - CONFIDENCE

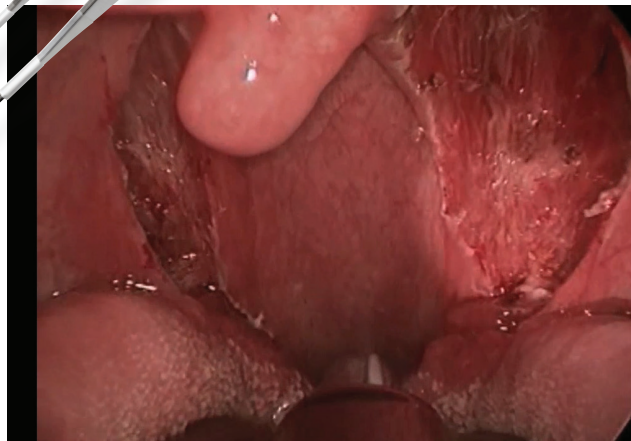
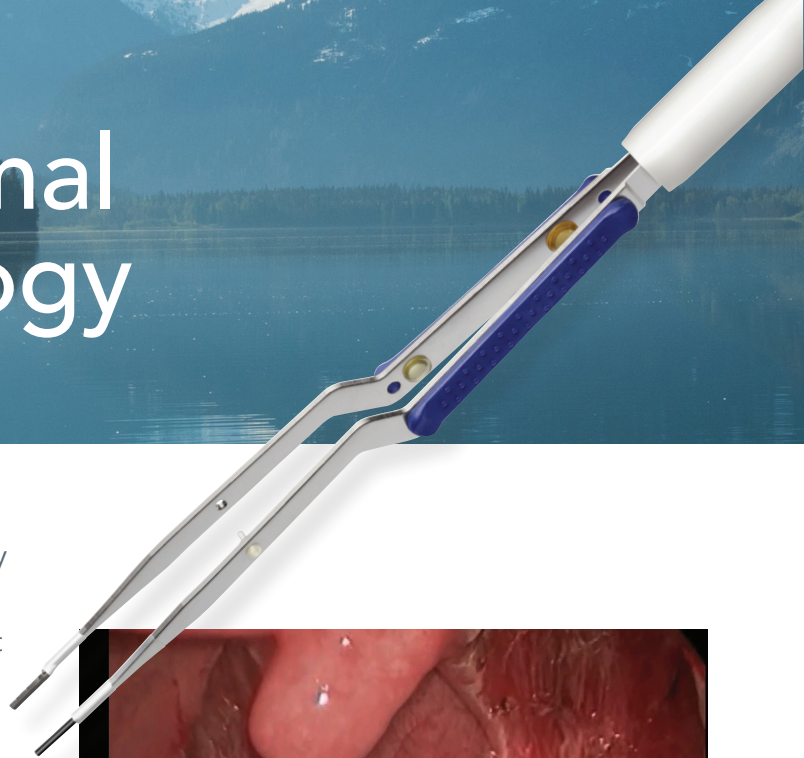
Microline Surgical's patented Thermal Fusion technology utilizes direct heat and pressure to delicately fuse and divide soft tissue. This offers multiple clinical and patient benefits over conventional monopolar and bipolar devices.

CLINICAL BENEFITS:

- No electrical current passes through the patient
- All in one cutting, coagulation, & dissection device eliminates the need for frequent instrument exchange¹
- Minimal collateral tissue damage allows for use near delicate anatomy^{1,2}
- Less intra-operative bleeding^{1,2}
- Minimal tissue charring³

PATIENT BENEFITS:

- Reduced post-operative pain^{1,2}
- Reduced post-operative bleeding^{1,2}
- Faster return to normal diet²
- Minimal tissue charring³
- Lower post-operative bleed rates compared to Coblation & Monopolar Electrosurgery⁴



ENTceps® Tonsillectomy Post-Op



Monopolar Tonsillectomy Post-Op



"I immediately knew that ENTceps® was my solution for tonsillectomies because of the way energy is delivered to the tissue. The thermal energy is concentrated between the two ends of the instrument, resulting in minimal thermal spread, less pain and faster recovery."

Farhad Sigari, M.D., FACS

Del Rey ENT Associates

MICROLINE[™]
SURGICAL

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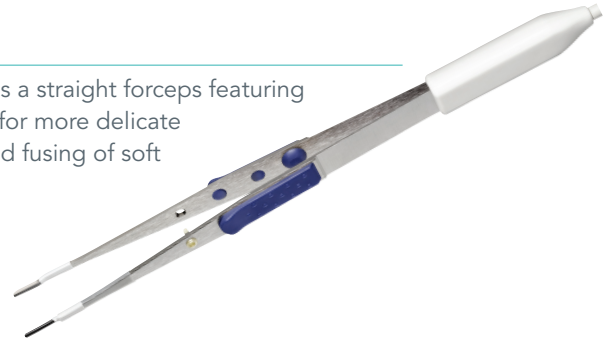
ENTceps®

110-005D ENTceps® is a disposable bayonet forceps for soft tissue fusing and dividing.



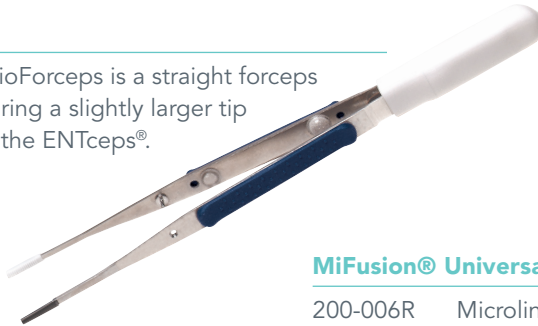
MicroCeps®

100-008D MicroCeps® is a straight forceps featuring a smaller tip for more delicate dissection and fusing of soft tissue.



CardioForceps

100-006D CardioForceps is a straight forceps featuring a slightly larger tip than the ENTceps®.



MiFusion® Universal Power Supply (UPS)

200-006R Microline's Universal Power Supply (UPS) is compatible with the company's entire product suite. The UPS is a compact, three-pound, power source that can hang from an IV pole or sit on a tabletop.



MiFusion® PowerPack Dual Control Footswitch

309-004R Dual Control Footswitch provides variable and high power for MiFusion® forceps instruments. (Footswitch sold separately.)



MICROLINE
SURGICAL

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Important: Prior to use, refer to Instructions for Use supplied with this device for indications, contraindications, adverse events, suggested procedures, warnings and precautions for full product information.
Caution: Federal (USA) law restricts this device to sale by or on the order of a Physician.
References:
1. Stavroulaki P, Skoulakis C, Theos E. et al. Thermal Welding Versus Cold Dissection Tonsillectomy: A Prospective, Randomized, Single-Blind Study in Adult Patients. Annals of Otolaryngology & Laryngology, August 2007.
2. Karatzias G, Lachanas V, Sandris V. Thermal Welding Versus Bipolar Tonsillectomy: A Comparative Study. Otolaryngology – Head and Neck Surgery, June 2006.
3. Michel R, Weinstock B, Tsau K. Safety & Efficacy of Pressure-Assisted Tissue-Welding Tonsillectomy: A Preliminary Evaluation. ENT Journal, February 2008.
4. Salley JR, Johnson R, Mitchell RB, Shah G, Coffey AR. Comparison of outcomes between thermal welding forceps, controlled ablation & monopolar electrosurgery for tonsillectomy in children. Int J Pediatr Otorhinolaryngol. 2022 Jan;152:110941. doi: 10.1016/j.ijporl.2021.110941. Epub 2021 Nov 17. PMID: 34836671