

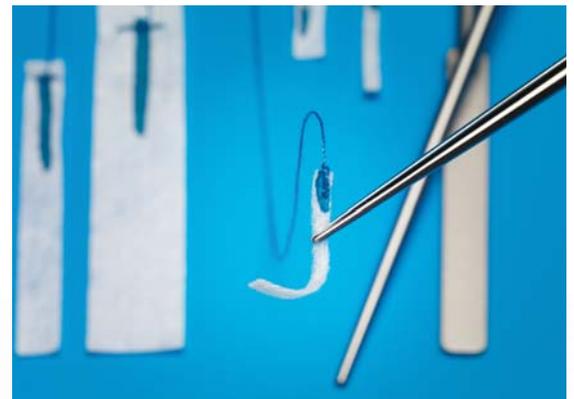
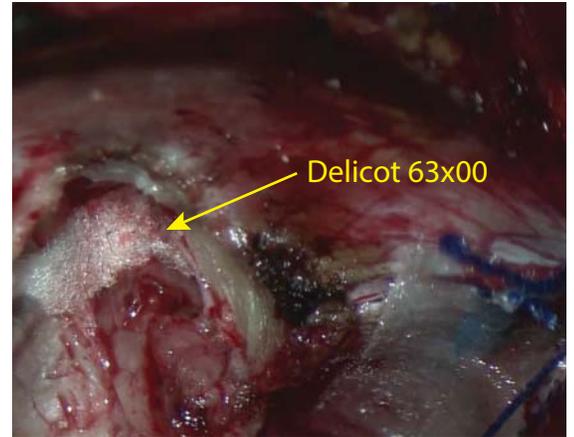
Application of the new 2mm x 20mm micro Delicot® for covering the Facial and Cochlear Nerves during the resection of Acoustic Neuroma

Acoustic Neuroma, or Vestibular Schwannoma, represent one of the most common tumors of the cerebellopontine angle. Proper protection of Cranial Nerves VII and VIII is essential in order to reduce neurological complications and increase the possibility of preserving hearing.

The application of traditional patties to protect the nerve is not possible as traditional patties are too large and too bulky for the limited confines of the operating field. Additionally, they lack the necessary pliability to accurately protect the underlying tissue. To remedy this issue a pattie is needed that is both small and pliable. The Delicot® material is the market leader in pliability and specifically developed by neurosurgeons for application in protecting delicate tissue during key-hole procedures in the skull base. At 0.33 mm thick, Delicot® allows for clear vision in the operating field while providing product integrity and strength. The material is capable of absorbing 8.7 times its dry weight in fluid and has excellent aspiration properties to help keep the operating field clear.

The development of the new 2mm x 20mm micro Delicot® aids in the protection of Cranial Nerves VII and VIII during Acoustic Neuroma resection. Damage to the nerve through excessive nerve retraction, over-heating, or mechanical damage can be mitigated by the application of the 2mm x 20mm micro Delicot®. When the nerve is in proximity to the forceps during bipolar coagulation, a 2mm x 20mm micro Delicot® placed over the nerve can protect the underlying nerve from thermal and electrical damage¹.

The 2mm x 20mm Delicot® is the only neurosurgical pattie on the market specifically designed to provide additional protection in Acoustic Neuroma resections, helping to mitigate the potential for damage and increase the opportunity to preserve hearing. With its thin profile and market leading pliability, the 2mm x 20mm (P/N 63x00) micro Delicot® provides optimal visibility and protection when a standard pattie will not suffice.



¹Nonaka, Y.; Fukushima, T.; et al. "Contemporary Surgical Management of Vestibular Schwannomas: Analysis of Complications and Lessons Learned Over the Past Decade." *Neurosurgery* 72.2 (2013):103-115.