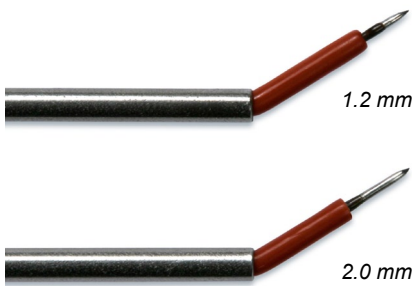




ENA TC Electrode



Detail of Electrode Tips



ENA-TC(1.2)

ENA-TC(2.0)



CB112-TC

The Cosman ENA Kit is indicated for use for RF heat lesion making for the treatment of pain and functional neurological disorders.

The ENA Kit was designed by Dr. A. O. El-Naggar, MD, Dr. B. S. Nashold, MD, and Dr. E. R. Cosman, PhD\*. The ENA Kit contains two electrodes, each having an angled distal tip to facilitate the approach to the anatomy of the nucleus caudalis at the cervicomedullary junction while sparing the spinocerebellar tract. The electrodes' handles enable sure-grip, angulation, and rotation. The ENA-TC(1.2) Electrode has an exposed lesioning tip with 1.2 mm length and 0.25 mm diameter, an insulated segment with 0.6 mm length, and an insulative shoulder. The shoulder is to guard against unwanted inward drift of the tip. It is used at the C1-C2 level. The ENA-TC(2.0) Electrode has an exposed lesioning tip with 2.0 mm length and 0.25 mm diameter, an insulative segment of 0.6 mm length, and insulative shoulder. It is used near the obex. Each Electrode has a thermocouple (TC) temperature

sensor at its distal-most point for thermal monitoring of the RF lesioning process. The ENA Kit comes with the CB112-TC Cable to connect the Electrodes to the Cosman RF Generators.

### ENA Kit Components

**ENA-TC(1.2)**, Electrode, 1.2 mm tip;  
**ENA-TC(2.0)**, Electrode, 2.0 mm tip;  
**CB112-TC**, TC Cable, 8-foot;  
**ENA-CASE**, Case for storage and sterilization

### ENA-R Kit Components

Same as the ENA Kit, but with the C112-TC Cable (instead of the CB112-TC Cable) for connection to the Radionics RFG-3C and RFG-3C Plus RF Generators.



ENA Kit

\* Nashold BS, El-Naggar A, Abdulhak M, Ovelman-Levitt J, Cosman ER. New RF lesion DREZ electrodes for the relief of pain based on the neuroanatomical study in man of the trigeminal nucleus caudalis at the cervicomedullary junction. 1991 Proc. of the American Society for Stereotactic and Functional Neurosurgery; Pittsburgh, PA.