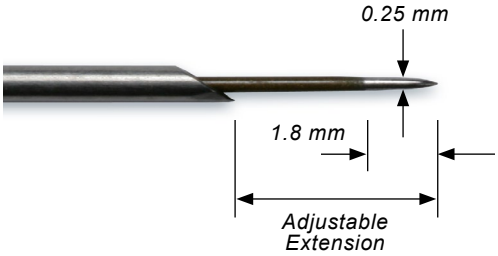
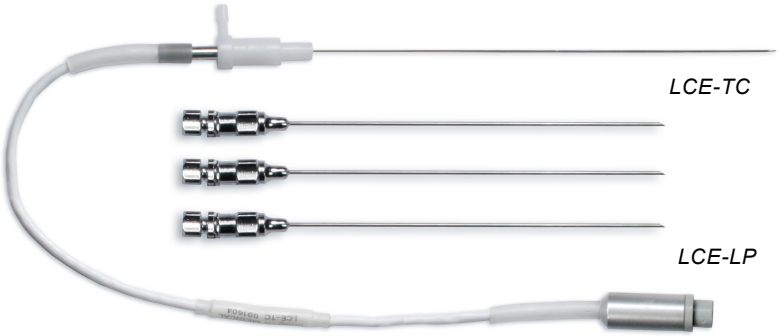
COSMAN

LCE Cordotomy Electrode Kit

LCE Electrode and Spinal Needle



Detail of Electrode Tip



CB112-TC

The LCE Kit is indicated for use in RF heat lesion making procedures for the treatment of pain.

The LCE Kit was designed by Dr. Allan B. Levin, MD and Dr. Eric R. Cosman, PhD.* It contains an LCE-TC Electrode with a sharpened exposed tip having 0.25 mm tip diameter and 1.8 mm tip length. It has a built-in thermocouple (TC) temperature sensor for fast-responding monitoring of the RF heat lesioning process. The LCE-TC Electrode's small RF tip can produce a discrete lesion volume in the lateral spinothalamic tract. The LCE-TC Electrode also has the LCE-SC Sizing Clamp on its hub to allow adjustability of the RF tip extension beyond the tip of the introducing LCE-LP Spinal Needle (shown in the figure). The LCE Kit comes with three LCE-LP Spinal Needle and stylet sets, each having a 20-gauge, 3½ inch long shaft and 30 degree bevel point. The CB112-TC Cable connects the LCE-TC Electrode to the Cosman RF Generators.

LCE Kit Components

LCE-TC, TC Electrode with LCE-SC Sizing Clamp;
LCE-LP, Spinal Needle with stylet (three each);
CB112-TC, TC Cable, 8-foot;
LCE-CASE, Case for storage and sterilization.

LCE-R Kit Components

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

LCE Kit

* Levin AB and Cosman ER. Thermocouple-monitored cordotomy electrode. J Neurosurg 1980; 53: 266-268

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Rx Only

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