

Use of tissue adhesive to secure spinal epidural stimulating electrodes: Technical note.

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Abstract:

Securing spinal cord stimulating electrodes (SCS) within the epidural space is often a challenging task. Complications of the technique include development of cerebrospinal fluid leaks and electrode migration. We report four patients who underwent a limited laminectomy for placement of epidural spinal cord stimulating electrodes to relieve pain and/or spasticity. Suturing electrodes to the dura was not possible, and a tissue adhesive was used. Two-year follow-up shows no migration of the electrodes. Tissue adhesive of 'fibrin glue' is a viable alternative for securing epidural SCS electrodes.