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PERCUTANEOUS S3 SACRAL ROOT NEUROMODULATION IMPLANTATION FOR TREATMENT OF IDIOPATHIC STORAGE AND VOIDING DYSFUNCTION.

Synopsis of video:

A new procedure was recently developed to render this surgery a minimally invasive procedure. After localization of the S3 foramen with the foramen needle, a special directional guide wire is inserted through the needle. The needle is then removed and a special dilator and introducer sheath are inserted over the directional wire. The dilator is then removed and a permanent foramen electrode with a self anchoring tines is inserted through the introducer sheath. After insertion of a quadripolar foramen electrode, its position is verified by electrostimulation. The electrode is then tunneled to the lateral upper part of the buttocks and attached to a short extension lead. At this position, a pocket in the subcutaneous tissues is performed which receives the internal pulse generator. The internal pulse generator is attached to the extension lead.