

EPIDURAL DRAIN INDICATED OR NOT INDICATED UP TO THREE LEVEL LUMBER SURGERIES

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ABSTRACT

Background

Postoperative spinal epidural drain (PSED) is traditionally used for prevention collection of postoperative spinal epidural hematoma (PSEH) and associated neurologic compromise after lumbar spine surgery, but it remains unclear whether epidural drain reduces or elevates other postoperative complications.

Questions/Purposes

PSED up to three level lumbar surgery indicated or not indicated to decrease postoperative complications.

Patients and Methods

A prospectively study 332 patients who underwent up to three-level lumbar spine surgery. We comparative study between two groups, First group 152 patients used PSED from March 2006 to May 2009. Second group 180 patients not used PSED from May 2009 to March 2013.

Results

There are significant reductions in postoperative complications regarding backache and CSF leak but not for discitis.

Conclusions

There are no afraid from postoperative neurologic compromise due to PSEH when good intraoperative hemostasis.

KEYWORDS: Postoperative Spinal Epidural Drain= SED, Postoperative Spinal Epidural Hematoma= EH, Backache, CSF leak and Discitis