

Spontaneous intracranial hypotension successfully treated by epidural patching with fibrin glue.

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Publication Date: 2000

Abstract:

We report a case of spontaneous intracranial hypotension due to a cerebrospinal fluid leak at the C2 level, which was successfully treated by epidural fibrin glue patching. Epidural blood patching was performed twice, first with 6 mL of autologous blood and then with 10 mL, but the intracranial hypotension was unresponsive. Although successful treatment of postdural puncture headache and persistent leak after intrathecal catheterization by epidural patching with fibrin glue has been reported, fibrin glue has not been previously applied in spontaneous intracranial hypotension. Our observation suggests that epidural patching with fibrin glue should be considered in patients with spontaneous intracranial hypotension, if epidural blood patching fails to resolve the symptoms.