

RESULTS OF SURGICAL TREATMENT OF DEGENERAL CERVICAL MYELOPATHY

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Cervical myelopathy is a relatively common and serious diagnosis, especially in relation to degenerative disorders of the cervical spine (DCM). Frequently, patients have a pronounced neurological deficit, which cannot be satisfactorily corrected even with acute surgery. The aim of this study is a retrospective analysis of 207 patients with DCM who were treated at Neurosurgical Department České Budějovice in Czech republic between 2016 and 2022. We have reviewed basic demographic data, initial clinical presentation and final outcome

(assessed by mJOA score) and the type of surgery. Also, we have assessed the role of perioperative electrophysiological monitoring. Our results have shown that the anterior approach has the best overall outcome (mJOA 14,7), regardless of single or multiple level surgery. However, the main difference between the initial and final mJOA score was in posterior approach (A mJOA 3,1). As well, we have confirmed the important role of intraoperative neuromonitoring (mJOA 14,3).