

The application and evaluation of TachoComb in repair of lacerations of dural sac. [Polish]

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Abstract:

The opening of dural sac (deliberate or accidental) during operation of the spine should be watertightly closed because of the risk of cerebro-spinal fluid leakage and infectious complications. Suturing the dural sac is sometimes difficult and time-consuming in cases of dural sac lacerations in a narrow confined space or in the proximity of radices. This occurs particularly in the case of reoperation in presence of scar involving the dural sac, that increases the risk of laceration. The aim of this paper is to assess the usefulness of a new sealing and haemostatic material--TachoComb in a watertight closure of the dural sac during spinal operation. We compared the frequency of complications related to closing of the dural sac in patients operated before and after introduction of TachoComb. The results indicate that the rate of liquorrhoea and infections is lower in the postoperative period with addition of TachoComb. Addition of TachoComb allows to shorten the time of operation, while its application is relatively easy.