

Torbiel zatoki szczękowej - metody leczenia operacyjnego

Maxillary sinus cyst - methods of surgical treatment

Marcin Mazerant, Wojciech Skóra, Katarzyna Dąbrowska, Zbigniew Kozłowski

Introduction. Retention cysts of maxillary sinus are therapeutic problem for laryngologists and maxillo-facial surgeons. They develop slowly and often without symptoms. The aim of the work was to compare the different methods of surgical treatment of maxillary sinus cysts performed in Department of Otolaryngology, Medical University of Lodz between 2003 and 2007. Material and methods. 113 patients with cyst of maxillary sinus were treated surgically between 2003 and 2007-74 men and 39 women. Between 2003 and 2005 Caldwell-Luc procedure was performed on 75 patients. In 2006 and 2007 38 patients underwent endoscopic removal of maxillary sinus cyst. Results. The average time of the endoscopic removal of maxillary sinus cyst was 10 minutes shorter than in Caldwell-Luc procedure (34 min versus 44 min, $p < 0,05$). 84,2% cases of the endoscopically treated patients had no pain after surgery. There was no discomfort in the operation area. In the Caldwell-Luc group only 5,3% patients had no pain and in 78,7% cases discomfort on the face was present ($p < 0,05$). Endoscopically treated patients were discharged from hospital after 3,6 days and in the Caldwell-Luc procedure patients stayed in hospital for 5,8 days. Conclusion. Endoscopic sinus surgery is an effective treatment for retention cysts and should be widely used. Computer tomography should be performed before each procedure.