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# Related Factors and Management Principles of Postoperative Complications of Ventricular-Peritoneal Shunt

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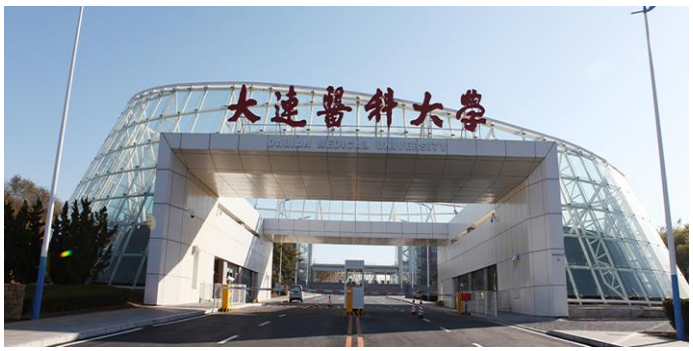
***Abstract***

**Objective:** To explore the related factors and management principles of postoperative complications of ventricular-peritoneal shunt.

**Methods:** 450 patients who underwent ventricular-peritoneal shunt in our hospital were selected and followed up for at least 5 years. The age, gender, history of disease, classification of hydrocephalus, surgical method and type of shunt tube, postoperative complications and other factors were analyzed. Patients with complications were treated and the clinical treatment effect was analyzed.

**Results:** Complications occurred in patients, including puncture bleeding, obstruction of shunt tube (decomposition, rupture), intracranial infection, subdural effusion or subdural hematoma caused by excessive drainage, and delayed intracranial hematoma. Patients can still get a good prognosis after individualized treatment.

**Conclusions:** The incidence of postoperative complications of ventricular-peritoneal shunt is not low. Surgery indications should be strictly grasped before surgery. Strict aseptic operation should be performed during the operation. Patients with a previous history of central nervous system infection or craniocerebral surgery should be more cautious. Early skull repair combined with ventricular-peritoneal shunt is positive significance for improving the quality of life of patients undergoing brain surgery. Patients with complications should be treated individually.




***Biography:***

Xu Ying-Hui completed his PhD in 2004 from Shanghai Jiao Tong University School of Medicine. He is the dean of the First Affiliated Hospital of Dalian Medical University and vice President of Dalian Medical University. He has published more than 20 papers in reputed journals.

***Speaker Publications:***

1. Ren, Siyang; Xu, Yinghui (2019) AC016405.3, "A novel long noncoding RNA, acts as a tumor suppressor through modulation of TET2 by microRNA-19a-5p sponging in glioblastoma". CANCER SCIENCE, 2019, MAY; 110 (5): 1621 - 1632.

2. Cheng, Tianci; Xu, Yinghui (2018) "Effects of Enhancer of Zeste Homolog 2 (EZH2) Expression on Brain Glioma Cell Proliferation and Tumorigenesis". MEDICAL SCIENCE MONITOR, 2018, October; 24 ( ): 7249 - 7255.

3.Zhao, Jun; Zhu, Jiabin; Lv, Xiaoshu; Xing, Jinshan; Liu, Shuang; Chen, Chen; Xu, Yinghui (2017)"Curcumin potentiates the potent antitumor activity of ACN against glioblastoma by suppressing the PI3K/AKT and NF-kappa B/COX-2 signaling pathways". ONCOTARGETS AND THERAPY, 2017, 10 ( ): 5471 - 5482.

4.Diao, Shuo; Zheng, Qianqian; Gao, Jian; Yao, Yiqun; Ren, Siyang; Liu, Yongjian; Xu, Yinghui (2017) "Trefoil factor 3 contributes to the malignancy of glioma via regulating HIF-1 alpha". ONCOTARGET, 2017, SEP 29; 8 (44): 76770 - 76782.

5.Wang, Jinkui; Yu, Zhenlong; Wang, Chao; Tian, Xiangge; Huo, Xiaokui; Wang, Yan; Sun, Chengpeng; Feng, Lei; Ma, Jing; Zhang, Baojing; Yang, Qining; Ma, Xiaochi; Xu, Yinghui (2017) "Dehydrocostus lactone, a natural sesquiterpene lactone, suppresses the biological characteristics of glioma, through inhibition of the NF-kB/COX-2 signaling pathway by targeting IKK beta" .AMERICAN JOURNAL OF CANCER RESEARCH , 2017, ; 7 ( 6 ): 1270 - +.

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