

**Pancreaticoduodenectomy in surgical treatment of malignant tumors of Vater's region**

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*Background:* The optimal treatment of tumors of Vater's region represents a permanent interest of every physician involved in the treating of malignant diseases with such localization.

*Aim:* This presentation proposes a pancreaticoduodenectomy (DPC) evaluation in the surgical treatment of tumors of Vater's ampulla.

*Materials and Methods:* Between 1999 - 2009 our clinic has treated a number of 37 cases with mechanic jaundice by malignant diseases (JMN). Out of these, 5 cases (13,5 %) have been hospitalized with JMN (preoperative diagnose) by malignant tumors of Vater' region: 4 men and a woman, aged 46 to 72, from rural medium, who represent the aim of this paper.

*Results. Discussion:* In 4 cases (10,8 %), intra-operative exploration confirms the existence of tumors of Vater's ampulla or duodenal papilla (diagnosis having been established by preoperative duodenoscopy) using DPC (Child Procedure). Postoperative evolution, either immediate or distanced, was favorable, implying no deaths. The microscopic exam of the extirpated piece confirms Vater's Ampulloma in two cases (5,4 %); in the other two cases, the above mentioned exam reveals the small bowel's carcinoma at duodenal papilla. In the last 2,7% cases intra-operative lymph node and visceral metastases have been observed, choledochoscopy revealing cholangiocarcinoma (confirmed by microscopic exam), the patient having suffered only a choledochoduodenostomy.

*Conclusions:* Without being endowed with great experience in the field, the results of DPC treatment in these first cases of malignant tumors of Vater's region allow us to found the reasoning of the righteousness of surgical indication. DPC draws the hope of radical healing intention in the cancer with this localization.

Key words: tumors of Vater's ampulla, pancreatico-duodenectomy

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