

Intrahepatic biliary papillomatosis

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Abstract

AIM: To understand the characteristics and investigate the diagnosis, treatment of intrahepatic biliary papillomatosis.

METHODS: Two cases were confirmed operatively and pathologically, and the literature reviewed.

RESULTS: The causes of the disease are not clear, but the long term irritations of stone and inflammation may be considered. Despite being histologically benign, it has low grade malignant potential, characterized by multiple and diffusive manner, and has high rates of recurrence and malignant transformation. Jaundice and cholangitis are the dominant manifestations. Imaging modalities are beneficial in its diagnosis, and the scanning of choledochoscopy is of great value.

CONCLUSION: The management of the disease is difficult. Curative resection is the primary therapy. Curettage and drainage may lead to high recurrence. The chemotherapy and lasertherapy represent other modalities in the treatment. Biliary papillomatosis may become a new indication for liver transplantation.

Key words: Bile duct, intrahepatic; Papilloma; Neoplasms, multiple primary; Jaundice; Liver transplantation; Drug therapy

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