



## Intrahepatic biliary papillomatosis

Guan-Bao Zhu, Jun Cheng, Zhong-Jing Chen

Guan-Bao Zhu, Jun Cheng, Zhong-Jing Chen, Department of General Surgery, the First Affiliated Hospital, Wenzhou Medical College, Wenzhou 325000, Zhejiang Province, China

Author contributions: All authors contributed equally to the work.

Correspondence to: Dr. Guan-Bao Zhu, Department of General Surgery, the First Affiliated Hospital, Wenzhou Medical College, 3 Huxue Avenue, Wenzhou 325000, Zhejiang Province, China. Zhugb@yahoo.com or Lfzhang@ppp.wzptt.zj.cn  
Telephone: +86-577-8349327

Received: December 22, 1999

Revised: February 20, 2000

Accepted: April 28, 2000

Published online: September 15, 2000

### 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 it's 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

© The Author(s) 2000. Published by Baishideng Publishing Group Inc. All rights reserved.

Zhu GB, Cheng J, Chen ZJ. Intrahepatic biliary papillomatosis. *World J Gastroenterol* 2000; 6(Suppl3): 93 Available from: URL: <http://www.wjgnet.com/1007-9327/full/v6/iSuppl3/93.htm> DOI: <http://dx.doi.org/10.3748/wjg.v6.iSuppl3.93>

E- Editor: Zhang FF



Published by **Baishideng Publishing Group Inc**

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)

Help Desk: <http://www.wjgnet.com/esps/helpdesk.aspx>

<http://www.wjgnet.com>

