Clinical study on removal of difficult postoperative residual cholelithes in biliary tract: treatment using choleodoscope for 1346 times

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Objective To investigate the approaches of removing the residual cholelithes postoperatively. Methods The clinical data of 445 patients with postoperative residual cholelithes in biliary tract treated in our hospital by cholecodoscope from April 1995 to September 2004 were retrospectively analyzed. Results The removal of stone in the left hepatic bile duct, especially medial left duct, is more difficult because it was finer, longer and curverder than others. Sometimes the removal of the inlay stone at the heptopancreatic ampulla lead to pancreatitis. Three patients had residual stone even after EST. Wide, short and straight T tube is better than others. Conclusions The proper diameter of T tube is 22 F and the length in the cavity is 11±1 cm. Cholecodoscope is a safe and beneficial method for treatment of primary cholelithiasis, hepatitis and hepatic cirrhosis with portal hypertension.

Keywords Cholecodoscopy; Biliary tract; Residual cholith; Clinical study

1995 4 2004 9 445 (1 346)%

445% 153% 292% 22~78% 44.8% 1~29%

2 44 43 21 44 25 6 9 26 2 2 2 2 1 1 425% 95.5%

1,2
中华肝胆外科杂志

长达...肤表面至

引流术的适应证限制在括约肌已毁损等情况

张流...总管切开取石

石...炎病史的病人

治者...术

肠...超定位皮下盲襻切开

不会引起胆总管管壁压迫

本组...例

和胆总管手术取石

胆总管十二指肠间置空肠人工乳头

及经盲襻胆镜取石

(6...岁女性)

我们采用咬

结石仍大于窦道

胆肠吻合

取石后窦道水肿

窦道水肿

胆道残余结石脉冲弹道碎石机的应用

例...岁男性有胰腺

十二指肠修补

肝内充满结石

胆镜工作长度超过

胆管短臂间距

管短臂间距

管在右腋前线引出

管在右肝主管倒旋较

管在右肝主管倒旋较

T

管后测量其腹内段长度

管后测量其腹内段长度

一例

三例结石

按...周门诊首次胆镜检查见胆管壁弥

信...肝内胆管显影充满结石

时...级肝内胆管显影充满结石

管在右肝管

管在右肝管

例结石

例结石

肝外胆管不扩张

肝外胆管不扩张

一例

例结石

例结石

复查可见清晰的胆树

复查可见清晰的胆树

14...岁男病人

访...年余良好

肝胆道解剖变异多

肝胆道解剖变异多

一例

例结石

例结石

张...肝脾肿大

张...肝脾肿大

9...肝内充满结石

9...肝内充满结石

一例

例结石

例结石

胆肠大口

胆肠大口

例结石

例结石

肝总管扩张后

肝总管扩张后

...例结石

...例结石

硬膜外麻醉...例结石

硬膜外麻醉...例结石

1.3 cm...例结石

1.3 cm...例结石

(3,4,5)

(3,4,5)

(7,8)

(7,8)

(4,6)

(4,6)
8.ieve

9.ieve

10.ieve

11.ieve

12.ieve

13.ieve

14.ieve

15.ieve

16.ieve

17.ieve

18.ieve