

本期目录 | 下期目录 | 过刊浏览 | 高级检索

[打印本页] [关闭]

临床医学

组合式输尿管软镜联合钬激光治疗上尿路结石48例报告

张英晨¹,叶恒志²,蒋立城¹,丁吉阳¹,任辉杰¹,刘晓²,吴志强¹,赵帅¹,成小建¹,毕文浩¹,程玉峰¹,王洪同¹

1. 解放军第148中心医院泌尿外科, 山东 淄博 255300; 2. 东营市第二人民医院泌尿外科, 山东 东营 257300

摘要:

目的 评价组合式输尿管软镜联合钬激光在上尿路结石治疗中的临床应用价值。方法 应用德国铂立组合式输尿管软镜联合钬激光治疗上尿路结石48例, 33例患者术前留置双J管1周以上。结石最大直径1.0~2.5cm, 经输尿管软镜推送鞘或沿导丝直接置入F8输尿管软镜, 寻及结石后, 200 μ m光纤行钬激光碎石, 碎石功率1.0~1.5J/10~20Hz, 8周后复查评估结石排净率。结果 一次进镜成功率100%, 结石寻及率93.7%(45/48), 单次碎石成功率95.5%(43/45)。总结石排净率为73.3%(33/45), 手术时间30~180min, 术后平均住院4d, 无严重并发症。结论 组合式输尿管软镜联合钬激光治疗上尿路结石微创、安全, 疗效确切, 并发症少, 特别适用于体积较小且单发的结石患者。

关键词: 输尿管软镜; 钬激光; 上尿路结石; 微创治疗

Treatment of modular flexible ureteroscopy combined with Holmium laser lithotripsy for upper urinary calculi: report of 48 cases

ZHANG Ying-chen¹, YE Heng-zhi², JIANG Li-cheng¹, DING Ji-yang¹, REN Hui-jie¹, LIU Xiao², WU Zhi-qiang¹, ZHAO Shuai¹, CHENG Xiao-jian¹, BI Wen-hao¹, CHENG Yu-feng¹, WANG Hong-tong¹

1. Department of Urology, the No.148 Hospital of PLA, Zibo 255300, Shandong, China;
2. Department of Urology, the Second People's Hospital of Dongying, Dongying 257300, Shandong, China

Abstract:

Objective To evaluate the clinical effect of modular flexible ureteroscopy combined with Holmium laser lithotripsy for upper urinary calculi. Methods 48 cases of upper urinary calculi were treated with Holmium laser lithotripsy through a modular design and semi-disposable flexible ureteroscope. The pig-tail stent would be set into ureters of 33 case more than 1 week before the operation. The diameter of the stones ranged from 1.0 to 2.5cm. Flexible ureteroscope was used during the procedure with or without the placement of a ureteral access sheath. The stones were fragmented and removed by 200 μ m Holmium laser(1.0~1.5J/10~20Hz). The follow-up was carried on 8 weeks after the procedure to evaluate the result of the endoscopic lithotripsy. Results The successful rate of the ureteroscopic insertion was 100%. The successful rate of stone search was 93.7%(45/48). The successful rate of stone fragmentation after the single session was 95.5%(43/45). The total evacuation rate of the calculi was 73.3%(33/45). Operation time ranged from 30 to 180min. Average of hospital stay after the operation was 4 days. No severe complications occurred. Conclusion Holmium laser lithotripsy through modular flexible ureteroscope is a safe and effective treatment modality for upper urinary calculi, especially for those with minor diameter.

Keywords: Flexible ureteroscopy; Holmium laser; Upper urinary calculi; Minimally invasive treatment

收稿日期 2013-06-07 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者: 蒋立城, E-mail: jlcqc@263.net

作者简介:

作者Email:

扩展功能

本文信息

Supporting info

PDF(882KB)

[HTML全文]

参考文献[PDF]

参考文献

服务与反馈

把本文推荐给朋友

加入我的书架

加入引用管理器

引用本文

Email Alert

文章反馈

浏览反馈信息

本文关键词相关文章

输尿管软镜; 钬激光; 上尿路结石; 微创治疗

本文作者相关文章

PubMed

参考文献:

本刊中的类似文章

Copyright by 山东大学学报(医学版)