

钬激光切除术治疗浅表性膀胱肿瘤的疗效观察 (PDF)

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Title: Clinical efficiency of holmium laser resection for superficial bladder tumor

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摘要: 目的 探讨经尿道钬激光切除术治疗浅表性膀胱肿瘤的疗效。 方法 随机选取我院2006年6月至2010年6月收治的43例膀胱肿瘤患者作为观察组行经尿道钬激光切除术,另选取40例作为对照组行经尿道电切术,总结两组患者临床资料,对手术时间、失血量、导尿管留置时间、肿瘤复发情况、肿瘤分期、膀胱穿孔例数等指标进行比较。 结果 观察组获得准确肿瘤分期、分级,与对照组无明显差异($P>0.05$)。两组术后肿瘤复发、尿道狭窄发生率均无明显差异($P>0.05$)。观察组手术时间较对照组长($P<0.01$),但失血量、导尿管留置时间、住院时间均低于对照组($P<0.01$),膀胱穿孔较对照组低($P<0.05$)。 结论 钬激光切除术治疗膀胱肿瘤,方法简便、疗效可靠,创伤小、患者耐受性好、安全,且在失血量、导尿管留置时间、住院时间方面比电切术更有优越性,值得临床推广应用。

Abstract: Objective To investigate the clinical efficacy of transurethral holmium laser resection of bladder tumor. Methods A total of 83 patients with superficial bladder tumor were randomly divided into observation group who receiving transurethral holmium laser resection of bladder tumor ($n=43$), and control group undergoing standard electrocautery transurethral resection bladder tumor ($n=40$). The mean operative time, indwelling urethral catheter time, amount of blood loss, postoperative recurrences, the case number of obtaining tumor stages, and bladder perforation were compared between the 2 groups. Results There was no significant difference in tumor stage and grade in the 2 groups ($P>0.05$), so were the tumor recurrence and the incidence rate of urethral stricture ($P>0.05$). The observation group had longer operative time than the control group ($P<0.01$), but lower amount of blood loss, shorter catheterization time and hospital stay than the control group ($P<0.01$), and lower incidence of bladder perforation. Conclusions Holmium laser resection of bladder tumor is a simple, effective and reliable approach, with less trauma and well tolerance for patients. It also had the advantages of few blood loss, shorter catheterization time and hospital stay, and is worthy of extensive application.

参考文献/REFERENCES

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