

临床医学

常规器械行经脐单孔腹腔镜左肾上腺切除术1例

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摘要:

目的 探讨应用常规腹腔镜手术器械行经脐单孔腹腔镜肾上腺切除术的临床可行性和适应证。方法 对1例左肾上腺肿瘤患者应用常规腹腔镜器械行经脐入路单孔腹腔镜单纯左肾上腺切除术。患者取右侧卧位, 作环脐2cm皮肤小切口, Hasson法制备经脐入路单孔腹腔镜工作通道, 应用常规腹腔镜手术器械, 按标准经腹肾上腺切除术操作步骤完成手术, 切除标本从脐部切口取出。结果 手术顺利完成, 无中转开放及转为标准三孔腹腔镜手术, 未留置引流管, 无术中并发症发生, 随访4周无术后并发症发生。结论 临床结果显示了应用常规腹腔镜器械行经脐单孔腹腔镜左肾上腺切除术良好的安全性和可行性, 有望成为左侧肾上腺切除术新的金标准。

关键词: 肾上腺切除术; 单孔; 腹腔镜; 经脐; 手术

Transumbilical laparoendoscopic single-site surgery of left adrenalectomy with general laparoscopic instruments: one case report

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Abstract:

Objective To investigate the clinical feasibility and indications of transumbilical laparoendoscopic single-site surgery of adrenalectomy (LESS-A) with general laparoscopic instruments. Methods One patient with left nonfunctioning adenoma underwent transumbilical LESS-A. The patient was placed in a 60° modified flank position. A 2cm skin incision using Hasson open technique was made at the level of paraumbilicus for the insertion of the home-made single-port platform. Following the strategy of conventional transperitoneal adrenalectomy, the surgery was performed with general laparoscopic instruments. Finally, specimen was removed through the skin incision. Results The surgery was performed successfully. No conversion to open or 3-port laparoscopic surgery was necessary. No drainage tube was left. No intra-operative complications was observed, nor post-operative complications after a four-week follow-up. Conclusion Results have shown its clinical safety and feasibility, and the possibility to become a new gold standard for left adrenalectomy.

Keywords: Adrenalectomy; Single-port; Laparoscopic; Transumbilical; Surgery

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