

Laparoscopy in the treatment of Dunbar syndrome

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INTRODUCTION

Dunbar syndrome, celiac trunk (CT) compression syndrome, caused by median arcuate ligament is a rarely diagnosed disease because of its nonspecific symptoms, which cause a delay in the correct diagnosis. The laparoscopic surgery alone can often eliminate discomfort, while angioplasty and stent implantation are no longer necessary. The aim of the study was to demonstrate the usefulness and advantages of laparoscopic approach in the treatment of Dunbar syndrome.

CASE STUDY

We performed 3 laparoscopic release of CT in the Department of General, Minimally Invasive and Elderly Surgery in Olsztyn in 2018. All of three patients suffered from severe pain of abdominal cavity before the surgery. In two cases, there were a complete remission of the symptoms. In one case, there was an improvement. All patients reported relief of symptoms in the first days after the operation. There were no postoperative complications.

CONCLUSIONS

The laparoscopic treatment of Dunbar seems to be safe and feasible procedure. It increases the comfort of the patient and brings the opportunity for normal functioning.

Kategoria: K2. Wyzwania chirurgii XXI wieku – możliwości i ograniczenia / Operacje z wykorzystaniem technik minimalnie inwazyjnych / Twenty-first century surgery challenges – possibilities and limitations / Operations using minimally invasive techniques