

New technique for laparoscopic partial splenectomy to decrease blood loss

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الملخص باللغة الانجليزية:

Background: Laparoscopic splenectomy is feasible, effective, and safe with low morbidity rates, faster recovery when compared with patients who undergo open splenectomy. The **aim** of this study was to describe a new technique for laparoscopic partial splenectomy to decrease blood loss. **Methods:** This study started from May 2015 till April 2017. This retrospective study included total 20 adults . **Results:** The mean time for laparoscopic resection was 150 minutes (range from 90 to 200 min). No bleeding, no postoperative pancreatic fistula or diaphragmatic injury. No conversion was necessary. The mean hospital stay was 4 days (range from 2 to 6 days). None of the patients needed postoperative blood transfusion. No post-splenectomy infections. Three weeks and after 6 months postoperatively, US Doppler was done and found normal vascularisation of the splenic remnant.

Conclusions: Clipless, Sutureless laparoscopic partial splenectomy is feasible and safe. This surgical procedure offers advantages of decrease blood loss and preservation of splenic tissue, reducing the risk of post-splenectomy sepsis.