Caudate lobe resection: The laparoscopic approach (with video)

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During the last decade, emergence of laparoscopy has modified daily trends in liver surgery [1]. However, laparoscopic hepatic resections involving superior and posterior Couinaud’s segments (I, IVa, VII, VIII) have been considered to be demanding procedure, with increased operative time and perioperative blood loss [2]. More specifically, caudate lobe resection (segment I) is considered as a risky and difficult procedure due to vascular and biliary anatomical relations associated with the need for vena cava dissection [3]. This video (Fig. 1) clearly shows the different steps to follow to perform laparoscopic segmentectomy I. This surgical procedure was performed in two consecutive patients presenting one unique hepatic colorectal metastasis within the segment I, without biliary or vascular involvement. Patients’ postoperative outcomes were unremarkable with an hospital stay of 6 and 8 days, respectively.
Appendix A. Supplementary data

Supplementary data associated with this article can be found, in the online version, at http://dx.doi.org/10.1016/j.jviscsurg.2015.02.007.

References


Disclosure of interest

The authors declare that they have no conflicts of interest concerning this article.