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## Totally laparoscopic caudate hepatectomy for cancer

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**Background & Aim:** In the past 15 years, we have completed more than 560 cases of laparoscopic hepatectomy; there are two cases of caudate lobe. Caudate hepatectomy remains a surgical challenge in spite of recent advances in laparoscopic technique. Hepatic tumor in the caudate lobe is usually deeply located in the center of the liver and close to the vena cava and hepatic hilum. Thus, lesion in this region was considered as a contraindication of laparoscopic hepatectomy. The aim of this study is to explore the safety and feasibility of laparoscopic hepatectomy for lesions in the caudate lobe.

**Methods:** Two patients with caudate hepatic tumor received laparoscopic caudate hepatectomy in our hospital from November 2016 to July 2017.

**Results:** All procedure for two patients with caudate hepatic tumours (sizes 2.5, 4.5 cm) was completed with totally laparoscopic technique. The average operative time was 268 min. and estimated blood loss was 180 ml, and average length of postoperative hospital stay was 7.5 days. There was no perioperative complications and patient mortality.

**Conclusions:** Our experience demonstrated that laparoscopic hepatectomy is a safe and feasible procedure for caudate hepatic tumours in selected patients.

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