

## **Retroperitoneoscopic Approach of Castleman's Disease in the Pararenal Retroperitoneum: Report of Two Cases**

**Introduction and Objection:** Castleman's disease is a rare benign lymphoproliferative disease. Localized or unicentric Castleman's disease only affects a single set of lymph nodes. It is not widespread. We report two cases of unicentric Castleman's disease (angiofollicular lymph node hyperplasia) with pararenal retroperitoneum that was treated retroperitoneoscopically.

**Materials and Methods:** From January 2009 to December 2011, there were two patients with impressed incidentoloma on the pararenal hilar area. It was a male and a female; the ages were 56 and 34 years old. The lesion sites were right and left. Retroperitoneoscopic resections were done.

**Results:** The operation times were 90 and 70 minutes. The essential blood loss was less. No intraoperative or postoperative complications were noted. The specimens were 6cm and 8cm in diameter. The patients were discharged at postoperative second and third day. The pathological result revealed unicentric Castleman's disease (angiofollicular lymph node hyperplasia). There is no recurrence after following 24 and 6 months.

**Conclusions:** Laparoscopy offers a safe and appropriate treatment to renal parahilar lesion. The retroperitoneal approach could make an effective and adequate dissection to the major vessels under good vision.