

## **Laparoscopic Marsupialization of the Lymphocele After Renal Transplantation: Clinical Case**

**Introduction and Objective:** A clinically significant lymphocele is not uncommon after renal transplantation. The surgical marsupialization with internal peritoneal drainage is the treatment of choice. We describe a minimally invasive procedure laparoscopically to create a peritoneal window for drainage of a postoperative lymphocele after renal transplantation.

**Materials and Methods:** The patient is 54 years old, ESRD on dialysis for 10 years, who received a kidney transplant from a donor with brain death. The patient had pain in the right iliac fossa, ultrasound has objectified fluid collection peri-renal. An ultrasound was performed which showed a fluid collection in the peri renal, the patient was treated by laparoscopic peritoneal window creating a drainage. Mean operative time was 40 minutes. The hospital stay was one day. The patient has not developed recurrent lymphocele after a follow-up of 24 months.

**Conclusion:** Our laparoscopic experience has allowed us to properly handle certain complications after transplantation, in patients with a lymphocele post-renal transplantation: volume and seat appropriate, laparoscopic drainage safe and effective with low morbidity in a renal transplant patient. It reduces the duration of hospitalization and convalescence.