

Complications in laparoscopic nephrectomy Complicaciones de la nefrectomía laparoscópica

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Objective: To report the complications and their respective management in our series of laparoscopic nephrectomy. **Material and methods:** Between November 1992 and March 2004, 319 patients underwent laparoscopic ablative renal surgery: 152 were women and 167 were men, mean age was 45 years (range: 0.5-82 years). There were 70 radical nephrectomies, 16 radical nephroureterectomies, 63 partial nephrectomies, 124 simples nephrectomies, 15 simples nephroureterectomies, 8 heminephrectomies and 23 living donor nephrectomies. **Results:** The complication rate was 5.64%. The most frequent complications were bleeding (2.5%) and retroperitoneal haematoma (1.2%). There was not statically difference in complications rate by age, sex, or approach via: transperitoneal versus retroperitoneal. Complication rate was alik with laparoscopic or hand assisted technique. There was not mortality in the series. **Conclusions:** We have a low complication rate in laparoscopic nephrectomy. We believe that laparoscopy is