

OP12: Jaffna in the era of Laparoscopic Cholecystectomy: Three year experience in a single surgical unit

S Rajendra, MA Anomilan, K M Niroshinee,

Department of Surgery, Faculty of Medicine, University of Jaffna.

Introduction: Laparoscopic cholecystectomy is the gold standard of treatment for gallstone disease. Laparoscopic cholecystectomy is being performed in increasing numbers in Jaffna in the last few years.

Objective: To assess the clinical outcome of Laparoscopic Cholecystectomy in patients treated in the professorial surgical unit during the period of 2009 January to 2012 October.

Methods: From January 2009 to October 2012, the bed head tickets of 120 cases of laparoscopic cholecystectomy were retrospectively analyzed.

Results: A total of 120 patients who underwent cholecystectomy were included in this study. Out of 120 patients, 63 (52.5%) were females and 57 (47.5%) were males. The age ranged from 13 to 84 years, median age being 52.00 years.

Total cases of Laparoscopic cholecystectomy were 104 (86.5%). Among them 98 (81.5%) had laparoscopic cholecystectomy alone and 6 (5%) had other surgical interventions along with laparoscopic cholecystectomy.

Laparoscopic cholecystectomy was converted to open surgery in 16 patients (13.3%). Among them 14 (11.7%) had laparoscopic cholecystectomy alone and 2 (1.6%) had other surgical interventions along with cholecystectomy.

Complications during surgery were cystic duct injury 0.8% (1), GB perforation and bile leak 1.7% (2), visceral injuries 1.7% (2), and stone spillage 0.8% (1)

Median post operative hospital stay was 1.5 days.

Post operative complications were bile leak in 3 (2.5%), post operative bleeding in 1 (0.8%), retained stone in 1 (0.8%) and port site infection in 4 (3.3%).

Mortality as a complication in patients underwent laparoscopic Cholecystectomy was nil.

Conclusion: The parameters which concerned with laparoscopic Cholecystectomy in the above study were compared with international standards and there were no significant variations noted.