

22nd GLOBAL SUMMIT ON PEDIATRICS, NEONATOLOGY & PRIMARY CARE
&
INTERNATIONAL CONFERENCE ON MATERNAL, FETAL AND NEONATAL MEDICINE
May 30-31, 2019 Istanbul, Turkey

Successful surgical management of acute appendicitis in children using a two-looped ligation during laparoscopic appendectomy

Rashida Ablatayeva

Khoja Akhmet Yassawi International Kazakh-Turkish University, Kazakhstan

Acute appendicitis is a common pathology in pediatrics. Laparoscopic Appendectomy (LA) is the main type of surgical treatment of appendicitis. During surgery stump closure is the most crucial moment. Appendiceal ligation may be performed using looped suture, stapler or clip. Closing the appendix base with knot tying is the most cost-effective method. The data of children who underwent LA from January 2017 to December 2017 were obtained from retrospectively collected database. During surgical management of complicated and uncomplicated acute appendicitis a two-looped ligation of appendiceal stump was used. Parameters like duration of surgery, use of antibiotics and analgesics, hospital stay and complications were reviewed. Extracorporeal two-looped ligation of appendiceal stump during laparoscopic appendectomy was used in 102 children (48 males and 54 females). Mean age at the date of operation was 12.02 ± 0.33 years. Operation time was 28.04 ± 1.02 minutes. Length of hospitalization was 6.08 ± 0.08 days. Mean duration of antibiotic treatment was 3.52 ± 0.09 days. Mean duration of analgesics use was 2.26 ± 0.06 days. There were no intraoperative or postoperative complications. The two-looped ligation of appendiceal base is safe and effective during laparoscopic appendectomy in children. In our case, no complications were noted.

Biography

Rashida Ablatayeva is currently pursuing her Doctoral degree from Khoja Akhmet Yassawi Kazakh-Turkish International University, Department of Medicine. Her scientific work is connected with laparoscopic surgery.