

June 11- 13, 2018
Dublin, Ireland

Arch Cancer Res 2018, Volume 6
DOI: 10.21767/2254-6081-C1-006

ONGOING EXPERIENCE WITH LAPAROSCOPIC MANAGEMENT OF INTRA-ABDOMINAL TUMORS: FEASIBLE OR NOT?

Minu Bajpai, Kanika Sharma, Prabudh Goel, Manisha Jana and Puneet Khanna

All India Institute of Medical Sciences, India

Aim: The safety of laparoscopic management of pediatric intra-abdominal tumors is still questionable. We study the results of the initial case series of pediatric intra-abdominal tumors managed laparoscopically at our institute from July 2013 onwards.

Methods: Total 13 children (7-males, 6 females) who presented to us with pediatric intra-abdominal tumors were included. The tumors included Wilms tumor (n:8), neuroblastoma(n:1), adrenal cortical tumor (n:2), ovarian teratoma (n:1), pheochromocytoma (n:1). Children were between 10months-14years. A 3- or 4- port laparoscopic nephrectomy and lymph node sampling for Wilms tumor and adrenalectomy for adrenal tumors was performed.

Results: The tumors were removed in toto with no rupture (except in one). Specimens were retrieved through a lumbar incision (n:11), pfannenstiel incision (n:1), an inguinal incision(n:1). No case converted to open surgery. All the children are under regular follow up. Two children with Wilms' tumor had recurrence. The neuroblastoma child underwent open surgery for recurrence later.

Conclusion: Laparoscopy/laparoscopic assisted removal of pediatric intra-abdominal tumor are feasible and safe option. It has the advantage of less postoperative pain, shorter hospital stay and a better result. Proper patient selection, port placement and laparoscopic experience are contributory.

bajpai2b@gmail.com