

3rd International Conference on Gastroenterology & Urology

July 28-30, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA

A comparison of outcomes for adults and children undergoing resection for inflammatory bowel disease: Is there a difference?

Justin Davies

Cambridge University Hospitals, UK

Background: The incidence of inflammatory bowel disease (IBD) is increasing in the paediatric population. Since 2007, a single surgeon whose main practice is in the treatment of adults has performed surgery for IBD in adults and children within two dedicated multidisciplinary teams. The aim was to assess and compare outcomes for adults and children following surgery for IBD.

Methods: Analysis of a prospectively collected database was carried out to include all patients who had undergone resectional surgery for IBD between 2007 and 2012.

Results: 48 adults and 30 children were included in the study. Median age for children was 14 years (range 8–16) and for adults was 33.5 years (range 17–64). Median BMI was 23 (range 18–38) and 19 (range 13–29.5) in adults and children respectively ($P < 0.001$). Laparoscopic resection, including single port surgery, was performed in 27 (90%) children and 36 (75%) adults. Postoperative complication rates were comparable, 11 (23%) in adults versus 6 (20%) in children ($P = 1.00$). Median length of stay was 5 days in adults versus 6.5 days in children ($P = 0.31$).

Conclusion: Resectional surgery for IBD in children has outcomes that compare favourably with the adult population, with the majority of cases being safely performed via a laparoscopic approach.

Biography

Justin Davies is Consultant Colorectal Surgeon, Clinical Director of Digestive Diseases, Lead Colorectal Surgeon and Associate Lecturer at Addenbrooke's Hospital, Cambridge University NHS Foundation Trust and Biomedical Campus, Cambridge, UK. He is a member of Council of the Association of Coloproctology of Great Britain and Ireland and of The Royal Society of Medicine Section of Coloproctology. His clinical interests include laparoscopic surgery for inflammatory bowel disease in adults and children, ileoanal pouch surgery and multidisciplinary surgery for locally advanced rectal cancer and anal cancer. He has co-edited a text book and published over 50 peer-review papers and book chapters. His research in molecular stool screening has resulted in publications in the Lancet and Nature Reviews Cancer. He is the recipient of the Patey Prize, John of Arderne Medal, ACPGBI British Travelling Fellowship and Price Thomas Travelling Fellowship.

justindavies2000@yahoo.com