

AESTHETIC BENEFIT OF ILEO-CAECAL RESECTION FOR CROHN'S DISEASE BY SINGLE TROCAR VERSUS CONVENTIONAL LAPAROSCOPY

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Poster

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A retrospective study of 206 ileocecal resections for Crohn's disease found that single incision laparoscopy yielded better aesthetic scores than multi-trocar laparoscopy, with no difference in postoperative morbidity.

KEY POINTS

- Overall morbidity was 37.4% with severe morbidity at 5.3%, with no difference between single incision laparoscopy (SIL) and multi-trocar laparoscopy (MTL) groups.
- The aesthetic scale was significantly better in the SIL group compared to MTL (21.1 vs. 18.4, $p < 0.001$), though body image scores were identical between groups.
- Within the SIL group, trans-umbilical incision was associated with better body image compared to peri-umbilical incision (5.2 vs. 6.4, $p = 0.04$).
- In matched analysis (37 patients per group), the aesthetic advantage of SIL persisted (21.1 vs. 19.3, $p = 0.03$), and SIL was independently associated with very good aesthetic results in multivariate analysis (OR=2.30, $p = 0.05$).
- This material is most relevant for surgeons considering surgical approach options for ileocecal resection in Crohn's disease patients.

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