**Title: Robotic right versus left colectomy for colorectal cancer: A systemic review and meta-analysis**

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**Introduction:** Previous studies comparing right and left colectomies have shown variable short-term outcomes. Despite the rapid adoption of robotics in colorectal operations, few studies have addressed outcome differences between robotic right (RR) and left (RL) colectomies. Therefore, we sought to compare short term outcomes of RR and RL colectomies for cancer.

**Methods:** This is a systematic review and meta-analysis of articles published from the time of inception of the datasets to May 1, 2022. The electronic databases included English publications in Ovid MEDLINE In-Process & Other Non-Indexed Citations, Ovid MEDLINE, Ovid EMBASE, and Scopus.

**Results:**

A total of 13,514 patients with colon neoplasia enrolled in 9 comparative studies were included. The overall mean age was 64.1 years, (standard deviation [SD] ± 9.8), and there was a minor female predominance (52% female vs. 48% male). 8,656 (64.0 %) underwent RR and 4,858 (36.0 %) underwent RL colectomies. The differences between the ASA scores and Charlston comorbidity scores appeared significant. Are you sure the p value did not show significance? There was no statistically significant difference between RR and RL in ASA score (p 0.82) or Charlson Comorbidity Score (p 0.52). Meta-analysis revealed a significantly higher rate of ileus in RR (10%) compared to RL (7%) colectomy (OR 0.69, 95% CI 0.60- 0.79). Additionally, operative time was significantly longer by 22.6 minutes in RL versus RR (95%CI 7.8- 37.4; p< 0.001). There were no statistically significant differences between RR an RL in conversion to open operation, estimated blood loss, wound infection, anastomotic leak, reoperation, readmission, and hospital length of stay.

**Conclusion:**

In this only meta-analysis comparing RR and RL colectomies for cancer, we found that RR was independently associated with a shorter operative time but increased risk of ileus.

Do you want our statistician to look over your stats, or do you feel confident and comfortable with them?