

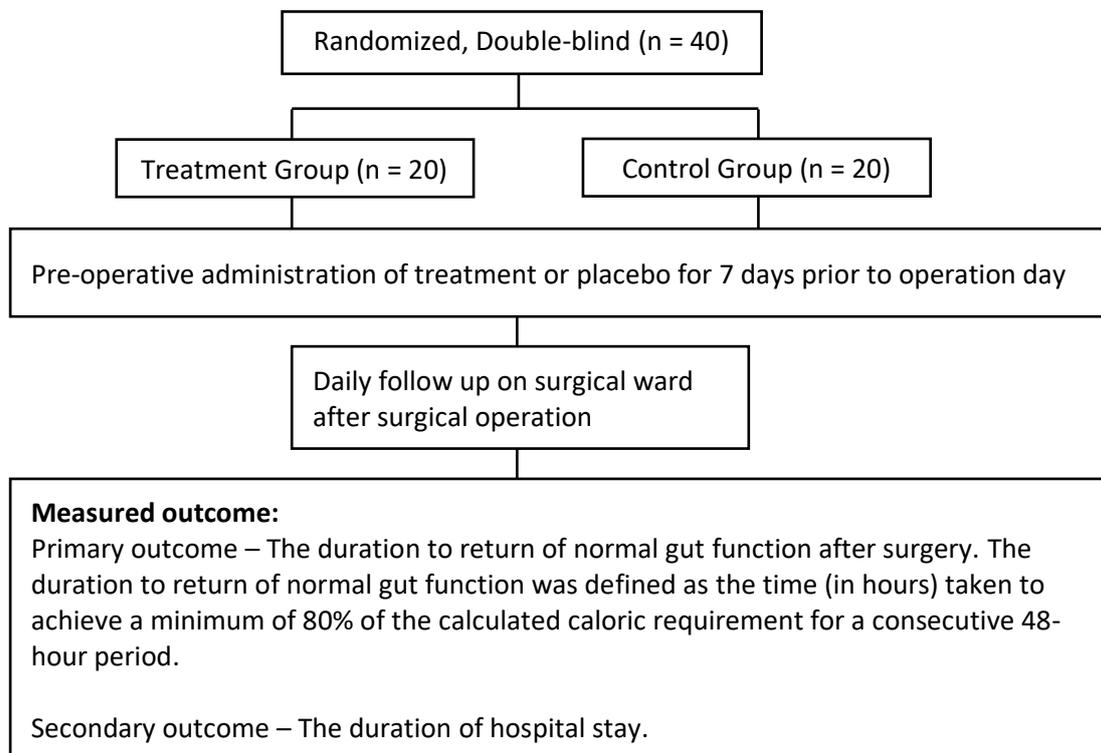
Pre-surgical administration of microbial cell preparation in Colorectal Cancer Patients: A randomized controlled trial.

Objectives

To evaluate the efficacy of pre-surgical administration of microbial cell preparation in promoting the return of normal gut function.

Methods

This study was a randomized, double-blind, placebo-controlled trial. A total of 40 patients were randomized to receive either HEXBIO® or placebo for the period of 7 days prior to the scheduled elective surgery.



Outcomes

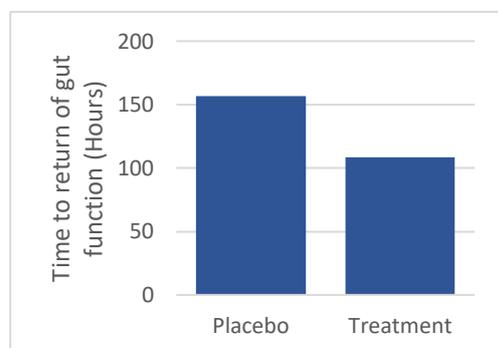


Figure 1. Duration of time to return of gut function (hours) between Placebo group and Treatment group. Treatment group significantly different from the placebo group using Mann-Whitney test ($p < 0.05$).

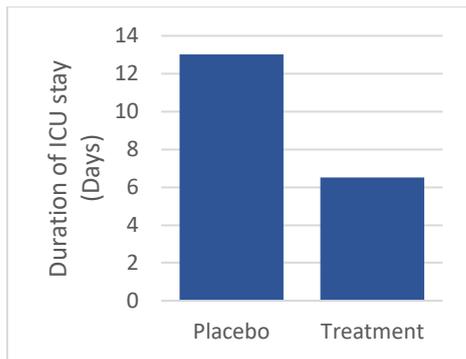


Figure 2. Duration of ICU stay (days) between Placebo group and Treatment group. Treatment group significantly different from the placebo group using Mann-Whitney test ($p < 0.05$).

Conclusion

This study provides evidence that pre-surgical usage of HEXBIO® promotes a faster return of normal gut function on colorectal cancer patients. Hence, the patients have a shorter duration of hospital stay.

Reference

Tan, C. K., Said, S., Rajandram, R., Wang, Z., Roslani, A. C., & Chin, K. F. (2016). Pre-surgical Administration of Microbial Cell Preparation in Colorectal Cancer Patients: A Randomized Controlled Trial. *World Journal of Surgery*, 40(8), 1985–1992. <https://doi.org/10.1007/s00268-016-3499-9>