Task Force for Evidence Reports / Clinical Practice Guideline Special Committee for EBM, the Japan Society for Oriental Medicine

2. Cancer (Condition after Cancer Surgery and Unspecified Adverse Drug Reactions of Anti-cancer Drugs)

Reference (20090877A)

Yoshikawa K. Evaluation of anti-inflammatory efficacy of daikenchuto*. *Dai 5 Kai Nippon Shokakan Gakkai Sokai Gakujutsu Syukai (5th Annual Meeting of the Japanese Gastroenterological Association) (Workshop 5)* 2009: 9-10.

1. Objectives

To evaluate the reduction in the number of days to postoperative flatulence and the anti-inflammatory efficacy of daikenchuto (大建中湯) in patients who underwent laparotomy for large intestine carcinoma.

2. Design

Randomized controlled trial (RCT).

3. Setting

One hospital (Tokushima University Hospital).

4. Participants

Thirty postoperative patients with large intestine carcinoma.

5. Intervention

6. Main outcome measures

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7. Main results The problem of the

8. Conclusions Was published.

Daikenchuto is useful in promoting flatuence and inhibiting inflammation after surgery for large intestine carcinoma.

9. From Kampo medicine perspective

None.

10. Safety assessment in the article

None.

11. Abstractor's comments

Reduction in the time to resumption of intestinal peristalsis and inhibition of postoperative inflammation (CRP) after surgery for large intestine carcinoma in order to reduce medical costs and hospital stay are interesting issues. To explain the early postoperative anti-inflammatory effect of daikenchuto, the author referred to daikenchuto-mediated inhibition of inflammatory cytokine production, intestinal mucosal villous damage, and bacterial translocation demonstrated in a fasted rat model. Further analysis of the effects of daikenchuto on the general condition (appetite, sleep, bowel movement, hot flushes, etc.) of postoperative patients will be needed before treatment of all patients with daikenchuto is deemed appropriate.

12. Abstractor and date

Hoshino E, 1 June 2010.