

# A Randomized Controlled Trial of Managing Infected Abdominal Wound by Continuous Irrigation and Negative Pressure Suction versus Open Wound Dressings followed by Secondary Suturing

ACTRN12609000149268

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Status	RECRUITING
Sponsor	Zuojun Zhen
Enrollment	60 participants

## Plain Language Summary

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This study is comparing two methods for treating infected surgical wounds in the abdomen. The first method uses a tube inserted into the wound to continuously rinse it with fluid and apply gentle suction to draw out infection (continuous irrigation and negative pressure drainage). The second method is the traditional approach of keeping the wound open and changing dressings regularly until it heals from the inside out. Researchers believe the tube method may speed up healing.

You may be eligible if:

- You are between 18 and 80 years old
- You developed a wound infection with pus between day 3 and day 7 after abdominal surgery
- A wound culture confirmed bacterial infection

You may NOT be eligible if:

- Your wound infection is associated with a fistula (abnormal connection) from the bowel, pancreas, or bile duct
- You have an abscess inside the abdomen
- You have diabetes or are taking immunosuppressant medications

Talk to your doctor about whether this trial might be right for you.

## Key Eligibility Criteria

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### Inclusion (2)

- a. wound infection with pustular discharge on postoperative day 3 to day 7
- b. confirmed wound infection with positive microorganism growth in the pus culture

### Exclusion (3)

- a. wound infection associated with enteric pancreatic or biliary fistula;
- b. patients with intra-abdominal abscess;
- c. patients who has diabetes mellitus or immunosuppression;

## Locations (1 total)

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China

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12609000149268>

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