Prevention of Complications in Laparoscopic Complicated Appendicitis Using Sodium Hypochlorite Solution

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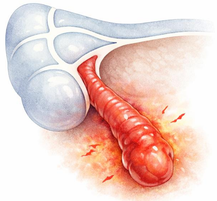
BACKGROUND



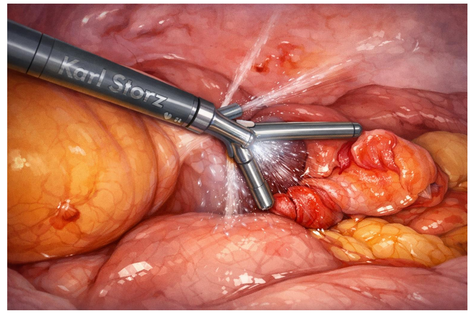
Complication rate
>30%

Most frequent: SSI, intra-abdominal abscess, ileus

Evidence on lavage solutions remains inconclusive

OBJECTIVE

Evaluate postoperative complications using isotonic sodium hypochlorite (100 mL).



METHODS

Prospective observational study
Public second-level hospital
n = 30 patients
Follow-up: 3 months

RESULTS

60% Male
Mean age: 32.3 years
Symptom duration: 2.64 days
Type 2 Diabetes: 13.3%
Length of stay: 1.3 days
NO surgical reintervention required

COMPLICATIONS	N= 30 (%)
Postoperative Ileus	4 (13.3%)
Intra-abdominal Abscess	0 (0%)
Wound Infection	0 (0%)
Abdominal Wall Abscess	0 (0%)

CONCLUSION

Isotonic sodium hypochlorite demonstrated favorable outcomes, reducing infectious complications in complicated appendicitis.

Further larger controlled studies are required.

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