

SAFETY AND EFFICACY OF ENDOSCOPIC RETROGRADE APPENDICITIS THERAPY FOR PERIAPPENDICEAL ABSCESS: A MULTICENTER ANALYSIS

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Poster

Oesophagus

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A retrospective study of 24 patients across three Chinese hospitals found endoscopic retrograde appendicitis therapy (ERAT) achieved a 95.8% success rate in treating periappendiceal abscess, with no complications and 8.7% recurrence over mean 26.9-month follow-up.

KEY POINTS

- ERAT successfully treated periappendiceal abscess in 23 of 24 patients (95.8%), with one failure due to appendix opening blockage.
- Mean procedure time was 33.79 minutes, mean hospital stay was 5.4 days, and abdominal pain relief occurred at mean 28.2 hours post-procedure.
- No complications were observed in any patient; white blood cell counts normalized in mean 2.2 days.
- Recurrence occurred in 8.7% of patients at mean 26.9 months follow-up; antibiotics were routinely given for 3 days post-procedure.
- The authors conclude ERAT may be a safe and effective alternative for periappendiceal abscess, though practice remains predominantly limited to the Eastern world.

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