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Summary

THE ROLE OF LASER FILAC™ IN THE MANAGEMENT OF ANAL FISTULAS: EXPERIENCE FROM MEDICINE SERVICE B

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Colorectal

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A prospective study of 14 patients treated with FiLaC laser coagulation for complex anal fistulas reported 78.5% healing at mean 2.21 months follow-up with no postoperative complications.

KEY POINTS

- The study included 14 patients (mean age 45.1 years) with complex anal fistulas treated between May 2023 and March 2024 using FiLaC laser coagulation involving a 1.2 mm radial fiber and mean delivered energy of 799.88 Joules.
- Fistula etiologies were cryptogenic in 85% of cases, with one Crohn's disease case and one perianal tuberculosis case; most were Parks 2 classification (57.14%).
- Healing, defined as closure of internal and external openings without pain or discharge, was achieved in 78.5% of patients, while 21.5% required surgical revision.
- No postoperative complications or recurrences were reported during the follow-up period.
- The authors conclude that laser coagulation appears promising for achieving fistula healing while preserving anal continence in complex cases.

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