COMPARISON OF POLYP RECURRENCE BETWEEN DIFFERENT POLYPECTOMY TECHNIQUES (CSP VS HSP/EMR)

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A retrospective study of 520 polypectomies found similar recurrence rates between cold snare polypectomy and hot snare polypectomy/EMR, with larger polyps and high-grade dysplasia associated with higher recurrence regardless of technique.

KEY POINTS

- Metachronous recurrence rate at 3-36 months was 7.4% for cold snare polypectomy (408 procedures, median polyp size 5mm) and 8.9% for hot snare polypectomy/EMR (112 procedures, median polyp size 11mm).
- Among recurrent polyps, 90% in the HSP/EMR group were 10mm or larger compared to 10% in the CSP group, and high-grade dysplasia was present in 20% and 16.7% respectively.
- Two adenocarcinomas were identified in the HSP/EMR group and managed with surgical resection.
- The study analysed 340 patients (median age 69, 66.8% male) from a London hospital between January 2019 and December 2020, with 70% of CSP polyps and 68.8% of HSP/EMR polyps being adenomas.
- The authors note the study is limited by small sample size and conclude that larger polyps and high-grade dysplasia confer higher recurrence risk independent of polypectomy technique.

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