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Summary

COMPARISON OF LOWER GI ENDOSCOPIC SUBMUCOSAL DISSECTION OUTCOMES: WESTERN VS. ASIAN COUNTRIES

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Colorectal

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A single-operator UK colorectal endoscopic submucosal dissection series from 2017 to 2022 achieved performance indicators comparable to Asian centres and superior to previously reported Western outcomes.

KEY POINTS

- R0 resection rate was 83.1 percent, comparable to the 85.6 percent Asian rate and higher than the 71.3 percent non-Asian rate reported in the Fuccio 2017 meta-analysis.
- Delayed bleeding occurred in 1.3 percent and perforation in 1.2 percent of cases, both lower than Asian rates of 2.4 percent and 4.5 percent and non-Asian rates of 4.2 percent and 8.6 percent respectively.
- No recurrences were observed at 6 to 12 months follow-up, compared to 1.1 percent in Asian and 5.2 percent in non-Asian settings in the meta-analysis.
- The operator was trained in the West with no prior exposure to Eastern training frameworks, suggesting that training location may not fully explain performance disparities between regions.
- The authors conclude that exploration of other factors beyond training and an updated review of regional standards are needed to understand performance variation in colorectal endoscopic submucosal dissection.

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