gutflix
GI learning, personalised

Summary

PILOT DATA EVALUATING LEARNING CURVE IN SPEEDBOAT-ASSISTED SUBMUCOSAL DISSECTION (SSD) IN A UK TERTIARY HOSPITAL – A SINGLE-OPERATOR EXPERIENCE WITHOUT ON-SITE TUTORING

Rawen Kader

UEG Week Copenhagen 2023 | Poster

Colorectal

October 15, 2023

A UK single-operator endoscopic submucosal dissection service without on-site tutoring achieved ESGE-recommended safety outcomes and R0 resection rates in the first 100 cases, with progressive improvement across quartiles suggesting a shorter learning curve than previously reported in the West.

KEY POINTS

- Among 100 patients undergoing ESD with the speedboat-RS2 device from September 2019 to April 2023, overall en-bloc resection was 75% and R0 resection was 69%, with median lesion size 4.9 cm.
- Performance improved across quartiles: R0 resection rose from 63% (quartile 1) to 76% (quartile 4), en-bloc resection from 64% to 84%, resection speed from 4.0 to 7.9 cm^2/hr, and procedure time decreased from 233 to 142 minutes despite larger lesions in quartile 4.
- The service met ESGE safety standards with 7% adverse events (5% delayed bleeding, 2% localized perforation managed endoscopically) and achieved the ESGE-recommended R0 resection rate of ≥75% by quartile 4, though en-bloc resection remained below the ≥90% target.
- Resection speed of 7.9 cm^2/hr after 100 cases compared favorably to 7.0 cm^2/hr after 200 cases in a comparable US study, suggesting the learning curve for ESD without on-site tutoring may be shorter than previously reported in Western settings.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/eeaeb698-743b-11ee-9931-0242ac140004

AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.