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Summary

THE USE OF SELF-ASSEMBLING PEPTIDES (PURASTAT) HAS NO ADDITIONAL EFFECTS

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UEG Week Copenhagen 2023 | Poster

Colorectal

October 15, 2023

A retrospective case-control study of 57 patients with colonic diverticular hemorrhage found no additional benefit when combining PuraStat with endoscopic clipping compared to clipping alone.

KEY POINTS

- The study compared endoscopic clipping alone (43 patients) versus clipping with PuraStat (14 patients) for colonic diverticular hemorrhage at a single hospital between April 2021 and January 2023.
- Success rates were 90.1% for clipping alone versus 100% for the combination (p=0.563), with no statistically significant difference.
- Rebleeding rates were 32.5% for clipping alone versus 42.9% for the combination (p=0.530), showing no improvement with PuraStat addition.
- Rates of transition to arterial embolization were 7.0% for clipping alone versus 12.5% for the combination (p=0.587), with procedure times longer in the combination group (27.5 min versus 16.3 min).
- The authors concluded that combination treatment with PuraStat provides no additional hemostatic effects over endoscopic clipping alone in colonic diverticular hemorrhage.

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