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Summary

TO EVALUATE THE SAFETY AND EFFICACY OF THE RESOLV® ENDOSCOPIC HEMOSTAT SYSTEM IN ACHIEVING ACUTE HEMOSTASIS IN ADULT SUBJECTS DIAGNOSED WITH NON-VARICEAL UPPER GASTROINTESTINAL BLEEDING

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Oesophagus

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A single-center prospective study of 60 patients evaluated the safety and efficacy of Resolv® Endoscopic Hemostat System, a plant-based polysaccharide powder, for non-variceal upper gastrointestinal bleeding.

KEY POINTS

- The study enrolled 60 patients with non-variceal upper GI bleeding (Forrest 1b severity) from various causes including post-polypectomy, peptic ulcer, malignant tumour, and biopsy-related bleeding.
- Technical success was 100%, with no adverse events, serious adverse events, or device-related mortality within 72 hours of application.
- Acute hemostasis at index endoscopy was achieved in 100% of cases, with only one patient experiencing rebleeding within 72 hours, successfully managed with argon plasma coagulation.
- In the 18 diabetic patients, mean blood glucose decreased from 150.3 mg/dl pre-procedure to 130 mg/dl at 2 hours and 131 mg/dl at 4 hours post-procedure.
- The authors conclude the device is safe and highly efficacious for non-variceal upper GI bleeding; the study would be most relevant to gastroenterologists performing therapeutic endoscopy.

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