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Summary

ENDOSCOPIC ULTRASOUND-GUIDED DRAINAGE OF PANCREATIC FLUID COLLECTIONS WITH TWO DIFFERENT DEDICATED METAL STENTS: A NATIONWIDE, MULTICENTER, PROPENSITY SCORE-MATCHED COMPARISON

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Pancreas

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A propensity-matched multicenter retrospective study found no significant differences in safety or efficacy between Hot-Axios and Nagi metal stents for endoscopic ultrasound-guided drainage of peri-pancreatic fluid collections.

KEY POINTS

- Among 476 patients from 30 Italian centers, 84 propensity-matched pairs treated with Hot-Axios versus Nagi stents showed comparable adverse event rates of 13% versus 15% respectively, with no significant difference in severity distribution including bleeding (5.9% in both groups) and fatal events (1.1% versus 2.3%).
- Technical success was 92% for Hot-Axios and 95% for Nagi stents, while clinical success was 91% versus 94%, with neither difference reaching statistical significance.
- Collection recurrence occurred in 4.7% of Hot-Axios cases and 3.5% of Nagi cases, with no significant difference between groups.
- The study suggests that stent selection should be based on multifactorial considerations including clinical and technical aspects and operator expertise rather than efficacy rates alone, given the similar performance of both devices.

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