

OUTCOMES OF EUS-GUIDED GALLBLADDER DRAINAGE IN ACUTE CHOLECYSTITIS WITH CONTAINED PERFORATION: A PROSPECTIVE COHORT

Michele Reni

UEG Week Berlin 2025

Poster

Hepatobiliary

October 6, 2025

A prospective series of 19 patients with acute cholecystitis and contained perforation treated with EUS-guided gallbladder drainage using lumen apposing metal stents achieved 100% technical success and 94.7% clinical success with no recurrence during median 254-day follow-up.

KEY POINTS

- Among 48 EUS-GBD procedures performed between 2020 and 2024, 19 patients presented with contained perforation, a condition typically considered a contraindication to EUS-GBD.
- Acute cholecystitis was iatrogenic in 79% of cases, most commonly following ERCP with metal stenting, and 89.5% of patients had underlying malignancy with pancreatic adenocarcinoma being most frequent.
- Technical success was 100% and clinical success 94.7%, with statistically significant 7-day reductions in white blood cells ($p=0.0017$) and C-reactive protein ($p=0.0067$).
- Adverse events occurred in 21% of cases with 11% severe or fatal; notably, 2 adverse events including 1 fatal event were related to attempts at draining adjacent liver abscesses.
- No acute cholecystitis recurrence occurred during median follow-up of 254 days, and median time to chemotherapy for oncology candidates was 26 days.

VIEW THIS CONTENT ON GUTFLIX

<https://gutflif.eu/search/d/54d84972-a813-11f0-9183-0242ac140006>



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.