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Summary

CHOLANGIOSCOPY AS A RESCUE THERAPY FOR IMPACTED DORMIA BASKET: A CASE REPORT

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Hepatobiliary

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A 90-year-old woman with impacted and broken Dormia basket during ERCP for recurrent choledochal lithiasis was successfully treated with cholangioscopy-guided electrohydraulic lithotripsy and basket retrieval.

KEY POINTS

- The Dormia basket broke near the handle during attempted extracanalar lithotripsy and became impacted with multiple gallstones in a dilated common bile duct measuring up to 13mm
- Spyglass single-operator per-oral cholangioscopy with direct visualization confirmed the impacted basket and stones
- Electrohydraulic lithotripsy using the Autolith EHL system delivered 2437 pulses at medium-high power to fragment the stones, though fragments remained entrapped in the basket
- The basket distal margin was retrieved using biopsy forceps passed through the duodenoscope working channel, followed by balloon catheter clearance
- The patient had a regular postprocedural course and was discharged after three days with confirmed successful biliary drainage

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