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Summary

POST-ERCP ACUTE PANCREATITIS IN LIVER TRANSPLANTED PATIENTS: A CASE-CONTROL STUDY

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A single-center retrospective case-control study found that post-liver transplantation patients had a significantly higher prevalence of post-ERCP pancreatitis compared to controls undergoing ERCP for other indications.

KEY POINTS

- Among 106 liver transplant patients undergoing ERCP for biliary complications, post-ERCP pancreatitis occurred in 7.5% compared to 3.5% in 452 control patients (OR: 2.37, 95% CI: 0.98-5.75, P=0.048).
- Double guide-wire cannulation, considered a criterion of difficult cannulation, was significantly more common in liver transplant patients (19.8% versus 12.2%, OR: 1.78, P=0.041).
- All patients received rectal indomethacin as prophylaxis and underwent procedures under general anesthesia or deep sedation.
- The authors note that the retrospective design and use of a historic control group are main study limitations and that prospective studies are needed to confirm the findings.

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