

EXPLORING THE CORRELATION BETWEEN VATER AMPULLA TYPE, SUCCEED RATE OF ERCP, AND INCIDENCE OF POST-ERCP PANCREATITIS: A COMPREHENSIVE ANALYSIS

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Poster

Pancreas

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A retrospective study of 448 ERCP patients found that Vater ampulla type was significantly associated with procedure success rate but not with post-ERCP pancreatitis incidence.

KEY POINTS

- The study included 448 patients who underwent ERCP at a single Iranian center between January 2021 and December 2022, with mean age 59.90 years and 57.1% female.
- Post-ERCP pancreatitis incidence varied by ampulla type: 2.6% in type 1, 3.6% in type 2, and 12.5% in type 3b, with no cases in types 3a, 4, or D, but this variation was not statistically significant ($P=0.259$).
- ERCP success rates differed significantly by ampulla type ($P<0.005$): type 1 achieved 90.1%, type 2 achieved 69.0%, type 3a achieved 79.7%, type 3b achieved 55.6%, type 4 achieved 90.9%, and type D achieved 88.9%.
- This material is most relevant for endoscopists performing ERCP and researchers investigating anatomical predictors of procedural outcomes.

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