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Summary

IMPACT OF THE ASGE GRADING SYSTEM OF ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY (ERCP) ON ERCP OUTCOMES IN A TERTIARY REFERRAL CENTER

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Retrospective study of 1392 ERCPs found that complex procedures (ASGE Grade ≥3) required more time and cholangioscopy than non-complex cases, but technical success and adverse event rates were similar regardless of complexity or trainee involvement.

KEY POINTS

- Complex ERCPs (ASGE Grade ≥3) comprised 16.7% of 1392 procedures performed at a single tertiary institution between January 2019 and July 2023
- Complex procedures required 25.4 minutes longer procedure time and 5 minutes longer fluoroscopy time compared to non-complex cases
- Cholangioscopy was needed in 58.6% of complex ERCPs versus 1% of non-complex procedures (adjusted odds ratio 72.2)
- Technical success rates and adverse event rates did not differ significantly between complex and non-complex ERCPs
- Trainee participation did not significantly affect technical success or adverse event rates regardless of procedural complexity

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