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Summary

# ENHANCING ERCP TRAINING FOR THE ENDOSCOPY WORKFORCE USING PEYTON'S FOUR-STEP APPROACH

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**A structured ERCP nursing training programme using Peyton's Four-Step Approach significantly improved confidence in assisting ERCP from 4.43/10 to 7.96/10 among 47 endoscopy staff, predominantly early-career nurses.**

## KEY POINTS

- The programme adapted Peyton's Four-Step Approach—demonstration, deconstruction, learner verbalisation, and supervised hands-on practice—to ERCP nursing education, addressing both technical and non-technical skills including equipment handling, patient safety, communication, and team coordination.
- Baseline confidence in assisting ERCP was low (mean 4.43/10) with limited equipment familiarity; following training, confidence improved to 7.96/10, and confidence in teaching others reached 8.17/10.
- The programme utilised existing equipment and faculty, requiring minimal additional resources, and is reproducible and transferable to other endoscopic procedural settings.
- Participants were predominantly early-career nurses with ≤2 years' experience; overall satisfaction and teaching ratings were overwhelmingly positive (predominantly 9–10/10).
- The model supports safer, standardised endoscopy practice and has been applied to haemostasis and urgent endoscopy courses, with plans to expand to advanced ERCP and EUS training.

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