

OPTIMIZING EFFICIENCY IN ADVANCED ENDOSCOPY: DISCOVERING INTERNATIONAL BEST PRACTICES THROUGH A COLLABORATIVE STUDY ON TURNOVER TIME

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A five-center retrospective study comparing endoscopy room turnover times across US, Italy, and Ecuador found US centers had significantly longer turnover times (39.5 minutes) compared to Italy (11.6 minutes) and Ecuador (15.7 minutes) despite similar procedure types and durations.

KEY POINTS

- US centers showed turnover times over 20 minutes longer than Italy and Ecuador centers, a statistically significant difference ($p < 0.00001$)
- The three regions had similar proportions of EUS and ERCP procedures and comparable procedure times (US 45 minutes, Italy 42 minutes), yet turnover times differed markedly
- The study analyzed 1,200 endoscopy cases performed between January and November 2022 across five centers, with turnover time defined as the interval from one patient leaving the room until the next patient entering
- The authors suggest the findings highlight an opportunity to optimize endoscopy unit efficiency in the US by studying practices in international centers with shorter turnover times
- This material would be of interest to endoscopy unit administrators, advanced endoscopists, and healthcare operations professionals focused on procedural efficiency

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