

USEFULNESS AND SATISFACTION OF THE THEORETICAL AND PRACTICAL COURSE ON BOWEL ULTRASOUND AT UEG SUMMER SCHOOL 2022

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Poster

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A two-hour bowel ultrasound training course for gastroenterology residents significantly improved their ability to identify basic anatomical structures and pathological findings on ultrasound images.

KEY POINTS

- Among 48 gastroenterology residents from 14 European and Mediterranean countries who completed pre- and post-course testing, seven out of ten questions showed statistically significant improvement ($\alpha = 5\%$) in correct answers after the course.
- The course consisted of 0.5 hours of theory and 1.5 hours of hands-on practice with bowel ultrasound performed on healthy volunteers.
- Even among the subgroup of 37 residents who had never previously performed bowel ultrasound or taken a similar course, six out of ten questions showed significant improvement.
- 95.8% of residents self-reported improved capabilities after the course and 100% would recommend it to colleagues, though the authors acknowledge potential biases in test and post-test surveys.
- The material is most relevant to gastroenterology training programs considering short-format ultrasound education and to residents seeking foundational bowel ultrasound skills.

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