gutflix
GI learning, personalised

Summary

USE OF VIRTUAL ENDOSCOPY SIMULATOR FOR EUS TRAINING IN THE DIAGNOSIS OF PANCREATOBILIARY DISEASES

Khadija Krati

UEG Week Copenhagen 2023 | Poster

Pancreas

October 16, 2023

A randomized study of 18 trainees found that adding simulator training to clinical practice in endoscopic ultrasound education significantly improved written test scores compared to clinical practice alone after one month.

KEY POINTS

- Trainees were randomly assigned to experimental group (clinical practice plus simulator) or control group (clinical practice only), with no baseline differences in gender, age, or endoscopic skills between groups
- After one month, the experimental group achieved significantly higher mean written test scores (64.53 ± 4.91) compared to the control group (60.09 ± 5.49, P = 0.028)
- All experimental group trainees gave positive feedback on the simulator's reasonability, complexity of operative skills, and operative similarity to actual EUS
- Trainees' self-confidence scores improved from 6.93 to 7.67 after training, though this change was not statistically significant (P = 0.405)
- The study supports incorporating simulator training into standardized EUS training programs for improved operative skills and trainee confidence

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/885d4a0c-743c-11ee-a8be-0242ac140004

AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.