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Summary

IMPACT OF AN ONLINE CONTINUING MEDICAL EDUCATION CURRICULUM ON THE KNOWLEDGE, COMPETENCE, AND CONFIDENCE OF CLINICIANS WHO CARE FOR PATIENTS WITH EOSINOPHILIC OESOPHAGITIS

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A four-activity online CME curriculum on eosinophilic oesophagitis significantly improved knowledge, procedural skills, and competence among 21,032 clinicians from multiple specialties, with 64% intending to change practice.

KEY POINTS

- The curriculum comprised four free-to-access, 30–60 minute video-based CME activities addressing pathophysiology, diagnosis, and management of eosinophilic oesophagitis.
- From baseline to follow-up, average clinician performance improved significantly: declarative knowledge increased 24% (p=0.012), procedural knowledge 18% (p<0.001), and competence 16% (p=0.004).
- Gastroenterologists achieved the highest follow-up scores (86–95% correct), while allergists/immunologists showed the largest single-activity gain (51% improvement in activity 1).
- All specialties scored lowest on pathophysiology questions at follow-up, indicating a persistent knowledge gap in this domain.
- Mean satisfaction was 87.3%, 64% of learners stated they would change clinical practice, and approximately 20% requested further education before implementing changes.

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