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GI learning, personalised

Summary

IMPACT OF AN ONLINE MICROBIOTA EDUCATION PROGRAM ON HEALTHCARE PROFESSIONALS' KNOWLEDGE

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An online microlearning-based CME program on gut microbiota delivered in seven languages to over 5,200 healthcare professionals from 118 countries demonstrated significant knowledge improvement and high intention to change clinical practice.

KEY POINTS

- The program consisted of six independent one-hour courses delivered in video micro-learning format on an EACCME-accredited platform, available in seven languages.
- 5,216 learners from 118 countries enrolled, primarily physicians led by gastroenterologists, followed by family medicine and general practice, with nurses also represented.
- Knowledge assessment showed average correct responses increased from 54.8% at baseline to 73.0% post-course ($p < 0.001$), with a Cohen's d of 0.59 indicating moderate educational impact.
- 91% of participants expressed intention to implement the learned information in their practice, with common themes including enhanced patient education on probiotics, improved management of gastrointestinal conditions, more cautious antibiotic use, and greater emphasis on maternal and child health.
- Evaluation surveys (n=1195) indicated high satisfaction, with scores of 4.5/5 for fulfillment of learning outcomes, 4.6/5 for usefulness for professional activity, and 4.6/5 for scientifically based and balanced information.

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