WHAT IS THE PERCEIVED ACCEPTABILITY, ACCURACY AND APPROPRIATENESS OF ONLINE ARTIFICIAL INTELLIGENCE DERIVED MEDICAL EDUCATIONAL CASES.

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Background


Continuing medical education (CME) is crucial to keep clinicians' knowledge and practice up-to-date.


Distant online learning has been utilised for a long time as a way of delivering CME.


Artificial Intelligence (AI) is increasingly being utilized to enhance diagnostic and problem-solving skills and enable personalized learning.


There is a lack of data on the perceived acceptability, accuracy, and appropriateness of AI-assisted education in Africa.


A purpose-built AI powered interactive case discussion tool has been created, contextualised for Kenya.

Objectives

- Describe the perceived **acceptability** of online AI generated educational cases.
- Describe the perceived **accuracy** of online AI generated educational cases.
- Describe the perceived **appropriates** of AI generated educational cases to the local Kenya context.

Methodology

- This study is a cross-sectional descriptive survey.
- The study will be implemented during the Kijabe Research Day 2025 (TODAY), and participants will be recruited through convenience sampling.
- Participants will be invited to interact with the AI educational experience program and provide feedback using a validated questionnaire.
- Data will be loaded into SPSS software for statistical analysis.
- The estimated sample size is 52 – **You can be one of them!**

Practical Applications

- The study will help in the development of AI-assisted medical education, particularly in the Kenyan context.
- The AI educational case generator has the potential to improve independent online continuing medical education, tailoring information to individual needs and providing a more interactive educational experience.

Future Plans

- Integration of the AI learning tool into the CME learning platform available at: http://amhlearn.com/kijabe/
- Research into whether an AI learning tool improves a participant's learning outcomes objectively and subjectively.

*AI Involvement

- AI utilised the author's research proposal to generate a first draft of the poster text.
- The material generated was subsequently reviewed and edited.
- All Images are AI generated.

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