Flipped Assessment Using AI in Medical Education

Academic Insights

- Students can use GenAI to generate and critique practice exam questions.

- Confidence increases when AI use is guided and structured.

- Quality control drives deeper learning and metacognition.

- AI supports formative learning more than summative assessment.

- Institutional clarity is essential for responsible adoption.

Apply This Now

Let students build practice questions using AI with validation steps.

Add This in Your Lesson

Include peer review of AI-generated questions.

Avoid This Mistake

Assuming AI-generated questions are automatically accurate.

Keywords

Medical education; Flipped assessment; GenAI; Formative learning

Reference

Birks, S., Gray, J., & Darling-Pomranz, C. (2025). *Using artificial intelligence to provide a "flipped assessment" approach to medical education learning opportunities.* **Medical Teacher, 47**(8). https://doi.org/10.1080/0142159X.2024.2434101

Suggested Citation

Excellent Educator. (2026). *Flipped Assessment Using AI in Medical Education.* **Excellent Educator, 3**(2),8.