Plenary Abstract

Artificial Intelligence and the Future of Medical Education
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Artificial intelligence (AI) is revolutionizing medical education, offering powerful tools to streamline administrative processes and enhance student experiences. This session explores how AI can be leveraged to improve the medical education process efficiently. By employing AI for summarization, prediction, and synthesis of both narrative and quantitative data, institutions can significantly reduce administrative burdens and focus on core educational and support activities. Join us as we delve into the practical benefits, risks, and ethical considerations surrounding the integration of AI in medical education.

Learning objectives:
- Describe the potential role of AI in transforming medical education: Participants will explore potential applications of AI in medical education including admissions, program evaluation, quality improvement, and student engagement.
- Recognize the challenges and develop strategies for overcoming AI limitations and bias: Participants will understand the current limitations of AI technologies and the significance of bias in AI within the context of medical education.
- Critically assess the ethical implications of using AI and identify potential sources of bias in AI applications: Participants will explore strategies for promoting ethical AI use, mitigating bias, and ensuring equitable outcomes in medical education.