



# A New Challenge: Artificial Intelligence in undergraduate Medical Education

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## Editorial

The High-Level Expert Group on Artificial Intelligence (AI) define it as “systems that display intelligent behavior by analyzing their environment and taking actions with some degree of autonomy to achieve specific goals,” this includes all the applications we currently qualify as AI and, at the same time, offers choice for future variations to that concept (1).

Undergraduate medical education is experiencing a considerable transformation driven by AI. Alongside developing novelties in AI hovered to impact medical practice considerably, concern in training current and future physicians about the technology is increasing (2). Although the big amount of information, there is little agreement on what and how to teach AI to ungraduated medical students. As AI applications become more widespread in the medical field, it is crucial to understand how ungraduated medical students and future medical doctors perceive and interact with these new technologies. Several factors may influence medical students' perspectives, including their level of exposure to AI in medical education, their understanding of the advantages and disadvantages of AI, and their career aspirations (3,4). The need to integrate AI in medical education has been abundantly discussed, and literature shows that medical students have little knowledge about AI and its applications in clinical practice during their academic education. However medical schools have scarcely been on your way to teach

about AI. In order to reduce the risks and increase the chances inherent to the use of AI for health, WHO (World Health Organization) affords the next norms as the core for AI guideline and control: Defending human self-sufficiency Encouraging human well-being and security and the community benefit, guaranteeing clearness, explainability and precision, Developing concern and responsibility, Safeguarding inclusiveness and impartiality. Encouraging AI that is receptive and supportable (5). Medical education's authorities have to include AI into medical students' syllabuses as soon as possible.

## References

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- 4 Hashimoto DA and Johnson KB(2023). “The Use of Artificial Intelligence Tools to Prepare Medical School Applications”. *Acad Med*; 98 (9):978-982.
- 5 WHO issues first global report on Artificial Intelligence (AI) in health and six guiding principles for its design and use.