

Preparing Medical Students for the Impact of Artificial Intelligence on Healthcare

Whereas artificial intelligence (AI) enabled tools are increasingly being integrated into healthcare environments, including applications in diagnosis, prognosis, risk assessment, treatment, and administrative tasks, across physician specialties;

Whereas the majority of medical students are not well informed of the ongoing and potential impacts of AI on clinical practice;

Whereas lack of future physicians' awareness of the technologies behind clinical AI, specifically their limitations, and involvement in designing and implementing clinical AI may negatively impact the quality of patient care, contribute to physician burnout, exacerbate health inequities, and more;

Whereas the knowledge, attitudes, habits, and behaviours acquired in UGME prime physicians for the rest of their careers, the low uptake of AI competencies, content, and opportunities presents a gap in education;

Whereas the introduction of AI-oriented medical curricula will take time, requiring new infrastructure such as the development of learning objectives and educators equipped to teach these subjects, and as such efforts should start now.

Be it resolved that the CFMS adopt the position paper titled "Preparing Medical Students for the Impact of Artificial Intelligence on Healthcare".

Financial cost: There is no associated financial cost to the adoption of this position paper regarding preparing medical students for the impact of artificial intelligence in healthcare and the recommendations that the paper endorses.

Source of funding: No source of funding is required as there is no associated financial cost.

Level of effort of volunteers/staff: The level of effort on behalf of the CFMS and its representatives will involve future advocacy efforts to support the recommendations as advised in the position paper.

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