

# Review of: "[Commentary] The Pursuit of Healthcare by AI: Thoughtful Delivery Needed"

M. U. Ukwuru<sup>1</sup>

<sup>1</sup> Federal Polytechnic Idah

**Potential competing interests:** No potential competing interests to declare.

The integration of AI in healthcare has undeniably opened up a realm of possibilities, from improving diagnostics to enhancing patient care. However, as with any transformative technology, there are complex considerations and potential risks that must be carefully navigated.

Firstly, the idea of unrestricted access to medical data and the empowerment of non-licensed individuals with healthcare tools raises significant ethical and privacy concerns. Patient data must be handled with the utmost care to protect privacy and ensure confidentiality. Moreover, allowing non-licensed individuals to interpret medical data without appropriate training and oversight could lead to misinterpretations and potentially harmful decisions.

Additionally, while AI holds great promise in automating certain aspects of healthcare delivery, it's essential to recognize the limitations of these technologies. AI algorithms are only as good as the data they are trained on, and biases within the data can lead to biased outcomes. Moreover, AI systems lack the human intuition and empathy that are integral to the practice of medicine. Therefore, while AI can augment the capabilities of healthcare professionals, it should not replace the human touch entirely.

Furthermore, the rapid adoption of AI in healthcare may outpace our understanding of its long-term implications. We must proceed with caution, continually evaluating the impact of AI on patient outcomes, healthcare costs, and the overall quality of care. Moreover, robust regulatory frameworks must be in place to ensure the responsible development and deployment of AI technologies in healthcare.

Ultimately, the extent to which we indulge the possibilities of AI in healthcare should be guided by a commitment to patient safety, privacy, and the ethical practice of medicine. While AI has the potential to revolutionize healthcare, it must be implemented thoughtfully and ethically to avoid unintended consequences and ensure that patient care remains paramount.

