

Review of: "[Commentary] Artificial Intelligence, or Artifact Intelligence? Most AI Is Not Ready for Practice"

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Potential competing interests: No potential competing interests to declare.

The article criticizes the use of AI in medical diagnosis, highlighting limitations and risks.

Strengths:

- The article raises important and timely issues about the use of AI in healthcare.
- The article provides some actual examples of how AI can produce wrong or misleading diagnoses due to data, methodology or interpretation problems.
- The article calls attention to the fundamental role of medical professionals and researchers in critically assessing the quality and reliability of AI systems, and in promoting a transparent and ethical AI.
- Authors draw attention to the high cost and ethical implications of developing a safe and effective AI for medicine.

Weaknesses:

- The article relies on a limited number of references.
- The article understate the fact that, even if not "intelligent" in the human sense, the AI system actually outperform human abilities in several tasks.
- The article seems to assume an overly pessimistic and skeptical stance towards AI, without acknowledging its potential to improve the quality and efficiency of health care. Indeed, even at present, they can be tremendously useful: there's no need to think about substitution of human specialists, but rather one can think about complementing (and thus increasing) their capabilities.