

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 commentary raises significant concerns about the limitations and potential risks associated with the use of AI in medical applications. Here's a review of the key points:

1. The commentary lacks persuasiveness due to the limited number of references cited. Relying on only a few articles diminishes the strength of the argument.
2. While the commentary correctly identifies data problems in medical AI, it overlooks the fact that many disease diagnoses benefit from extensive datasets. There are instances where large datasets have been successfully employed in medical AI applications.
3. The author mentions, "It is important to remember why medicine was built on randomized trials and not on associational studies." However, in medical diagnosis, experts often rely on typical symptoms and experience to make decisions. AI can significantly enhance the efficiency of this process, reducing variations in decisions among clinical experts of different levels.
4. While the article mentions the importance of "Explainable AI," it could provide more context and examples to help readers understand why transparency in AI decision-making is crucial, especially in medical contexts.