

Peer Review

Review of: "Artificial Intelligence in Experimental Surgery: Ethical Breakthroughs and Technological Innovations within In Silico Models"

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This paper is a narrative review that comprehensively evaluates the use of AI in surgical training. It provides a useful overview for readers interested in this field.

However, there are several limitations to this review. Although a general search strategy is provided, it lacks sufficient detail, and clear criteria for study selection are not specified. Additionally, the review does not clearly define what qualifies as AI, leaving room for ambiguity. The study selection process flow is also not presented, raising concerns about the reproducibility of the review and the potential for selection bias in the included studies.

Furthermore, there is no quality assessment of the included studies, giving the impression that the review primarily focuses on the positive aspects of each study while neglecting their limitations. Addressing the limitations of the individual studies would provide a more balanced perspective.

Nevertheless, the strength of this review lies in its ability to efficiently convey a broad understanding of the field to its readers, and in this regard, it is well-organized. The scientific value of the review could be enhanced by addressing the aforementioned issues wherever possible and explicitly acknowledging the limitations when adjustments cannot be made.

Declarations

Potential competing interests: No potential competing interests to declare.