

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

Francesco Del Giudice¹

¹ Sapienza University of Rome

Potential competing interests: No potential competing interests to declare.

I would like to congratulate the authors for their excellent and original work on a specific theme that represents a topic of relevance for both the dermatology and computer science communities. Results and interpretation of pursuit of healthcare by AI: Thoughtful delivery needed represent indeed an always important argument to further assess. Nevertheless, the article in its current form deserves further revision before being considered suitable for publication.

First and, more importantly, the studies taken into account are based on the application of AI in healthcare, analyzing the applications of AI in the dermatological and radiological fields without, however, specifically mentioning the role that AI can play as a facilitator of man and not as a substitute.

I would suggest organizing the paragraphs differently, dividing them on general characteristics of AI, application in healthcare, and accuracy of the specific sets for each medical branch, and costs and availability, in order to provide the reader a clearer idea of the advantages and risks of applying AI in healthcare. What is more, I suggest defining better the limits of AI and how this instrument can be still controlled by doctors, making things simple, but not replacing them, and showing the risks of this last scenario.

Additionally, the article led to results aimed at coexistence between humans and AI, but I suggest giving more examples and more details of a controlled application of AI, especially in dermatologic and radiologic groups, already mentioned but not deeply explained. For this reason, I would suggest stressing the argument regarding the real applicability of AI in medical decisions, as explained in DOI: 10.4111/icu.2020.61.4.355, assessing as a pilot study, driving any further analysis.

I please kindly ask the reviewer to address their minor revisions and provide a document with the track changes of the methods, discussion, and references in order to facilitate the review process.

I look forward to seeing the updated version of this manuscript.