

# Review of: "Scout TB: An AI Robot for the Screening of Tuberculosis Among Prisoners – A Novel Technique"

Bernardino Geraldo Alves Souto<sup>1</sup>

<sup>1</sup> Universidade Federal de São Carlos

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

The manuscript addresses an interesting, current, and promising topic, which is the incorporation of new technologies into individual and collective health care practices. The arguments in favor of robotic artificial intelligence are numerous and compelling. Its potential benefit is already indisputable in the current situation. However, it will be interesting if the authors consider basing their ideas on scientific data from studies already carried out with samples of this technology, whether through bibliographic review or original research, showing the respective results.

It will also be interesting to show the data that gave rise to the graph present in the manuscript, its sources, and the methodological treatment it received to make it scientifically consistent and, thus, give convincing support to the respective comments on the cost of the technology presented, among other issues addressed in the manuscript without this demonstration regarding the data.

Another aspect that will greatly enrich the proposed discussion is to bring to the debate the ethical, deontological, legal, and humanization issues contained in the technology presented by the authors. In this regard, the manuscript shows several positive aspects related to the privacy of individual data. However, it is important that progress is also discussed in relation to other ethical aspects that could result in harm to people, such as medical errors committed by robotic artificial intelligence or the possibility of this technology being used or corrupted by other market or surveillance interests and control over people. At a time that calls for expanded and comprehensive singular care centered on the person and addressing the social and subjective issues that involve the health and illness process, it is necessary to ensure that new technologies are not limited to exclusively focused operational processes and procedures in illness. It will be very productive if the authors can bring this discussion in relation to robotic artificial intelligence.

Finally, I summarize that the object discussed in the article is of privileged interest and deserves in-depth attention in all aspects that potentially involve it. The suggestion, therefore, is that this deepening be incorporated into the text in order to make it robust from a philosophical and technical-scientific point of view.