Reviewer’s report

Title: Using Value of Information to guide evaluation of decision supports for differential diagnosis: Is it time for a new look?

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Reviewer: Damian Borbolla

Reviewer’s report:

This is a debate article, where the authors address an important topic like it is the use of clinical decision support systems (CDSs) for differential diagnosis. The authors present a novel insight to the topic proposing a new and refreshed look to this important area of study in healthcare because as it is stated in the debate, improving differential diagnostic decision support can reduce diagnostic errors of omission.

The paper is well written, very well argued and referenced. The argument used by the authors are logical and well explained. As a consequence I recommend to publish the manuscript.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests