Peer-Review Report

Peer Review of "Development and Assessment of a Point-of-Care Application (Genomic Medicine Guidance) for Heritable Thoracic Aortic Disease"

Anonymous

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Published Article: https://med.jmirx.org/2024/1/e55903

JMIRx Med 2024;5:e64355; doi: 10.2196/64355

Keywords: genomic medicine; point of care; thoracic aortic aneurysm; aortic dissection; decision support

This is a peer-review report for "Development and Assessment of a Point-of-Care Application (Genomic Medicine Guidance) for Heritable Thoracic Aortic Disease"

Round 1 Review

General Comments

This paper [1] highlights an important application of a point-of-care application in guiding clinicians in their management of patients. It will be of interest to the community served by the journal.

Specific Comments

Major Comments

There needs to be some statistics on the "accuracy" of the application. For example, a number of expert clinicians in genomic medicine and its use (eg, 10) need to make clinical decisions without the use of the application, and then get 10 other clinicians who are not experts in genomic medicine to use the application and compare the level of agreement. A concordance study of this type needs to be done.

Round 2 Review

General Comments

With respect to my initial recommendation: There needs to be some statistics on the "accuracy" of the application. For example, a number of expert clinicians in genomic medicine and its use (eg, 10) need to make clinical decisions without the use of the application, and then get 10 other clinicians who are not experts in genomic medicine to use the application and compare the level of agreement. A concordance study of this type needs to be done.

Specific Comments

Major Comments

This should not be beyond the scope of the manuscript. Without this information, the manuscript is not high impact but low impact or a niche interest. I recommend you pursuing this recommendation.

Conflicts of Interest

None declared.

References

1. Patil R, Ashraf F, Abu Dayeh S, Prakash SK. Development and Assessment of a Point-of-Care Application (Genomic Medicine Guidance) for Heritable Thoracic Aortic Disease. JMIRx Med. 2024;5:e55903. [doi: 10.2196/55903]

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