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| Title | Implementation of a FHIR-based clinical decision support tool for calculating CHA2DS2-VASc Scores | | |
| Authors | Zameer Abedin, Robert Hoerner, Joseph Habboushe, Yi Lu, Kensaku Kawamoto, Phillip Warner, David Shields, and Rashmee Shah | | |

Instructions for Authors Conflict of Interest Disclosure

The purpose of this form is to provide readers of your manuscript with information about your other interests that could influence how they receive and understand your work. The form includes the questions from the International Committee of Medical Journal Editors (ICMJE) Form for Disclosure of Potential Conflicts of Interest and is divided into 6 subsections. Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information.

Authors are expected to provide detailed information about all relevant financial interests, activities, relationships, and affiliations (other than those affiliations listed in the title page of the manuscript) including, but not limited to, employment, affiliation, funding and grants received or pending, consultancies, honoraria or payment, speakers bureaus, stock ownership or options, expert testimony, royalties, donation of medical equipment, or patents and copyrights planned, pending, or issued.

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This section asks for information about the work that you have submitted for publication. The time frame for this reporting is that of the work itself, from the initial conception and planning to the present. The requested information is about resources that you received, either directly or indirectly (via your institution), to enable you to complete the work. Checking "No" means that you did the work without receiving any financial support from any third party -- that is, the work was supported by funds from the same institution that pays your salary and that institution did not receive third-party funds with which to pay you. If you or your institution received funds from a third party to support the work, such as a government granting agency, charitable foundation or commercial sponsor, check "Yes".

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Entity: government agency, foundation, commercial sponsor, academic institution, etc

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Royalties: Funds are coming in to you or your institution due to your patent

Section 1. Identifying Information

Author: Joseph Habboushe

Date: November 23, 2019

I am the Corresponding Author

Manuscript Title: Implementation of a FHIR-based clinical decision support tool for calculating CHA2DS2-VASc Scores

Section 2. The Work Under Consideration for Publication

Did you or your institution **at any time** receive payment or services from a third party (government, commercial, private foundation, etc) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc)?

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Yes

1. MD Aware LLC
other
Cofounder and CEO

Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents or copyrights, whether planned, pending, or issued, broadly relevant to the work?

Yes

1. MD Calc / MD Aware
Many aspects of IP that involved MD Calc and its holding company MD Aware LLC

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No other relationships/conditions/circumstances that present a potential conflict of interest

At the time of manuscript acceptance, the journal will ask authors to confirm and, if necessary, update their disclosure statements. On occasion, the journal may ask authors to disclose further information about reported relationships.

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Based on the above disclosures, this form will automatically generate a disclosure statement in the box below after you click the “Generate Disclosure Statement” button. Any subsequent changes will also update the disclosure statement automatically after clicking the “Submit” button.

Dr Habboushe reports other from MD Aware LLC outside the submitted work; in addition, Dr Habboushe has a patent to MDCalc / MD Aware .

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Joseph Habboushe

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