
Aerospace Medical Association

320 South Henry Street
Alexandria, VA 22314
(703) 739-2240

AI Policy: *Aerospace Medicine and Human Performance*

INTRODUCTION

Generative AI is no longer on the horizon—it has arrived. As such, it is critical for the integrity and quality of our journal that we establish a policy for both authors and peer reviewers regarding the use of these tools. While there are exciting opportunities for innovation with this new technology, there are also undeniable risks. These include but are not limited to: loss of control over original data; potential breach of Institutional Review Board approval; inaccuracies introduced by AI hallucinations; perpetuated biases; infringement upon copyrights held by others; and having one's own copyright rendered unenforceable.

The scholarly publishing community appears to have reached a consensus regarding several aspects of if/how generative AI should be permitted in the development and review of research articles. In establishing the policy for *AMHP*, we have aligned ourselves with leading industry organizations such as the International Committee of Medical Journal Editors (ICMJE), the World Association of Medical Editors (WAME), Springer Nature, *Science*, Cambridge University Press, Elsevier, the *Journal of the American Medical Association* (JAMA), and the Council of Science Editors (CSE).

The spirit of the policies outlined below is that **authors and reviewers are expected to use generative AI as a polishing tool at best and a translator at most, but *not* as a replacement for original thought**. Please note that standard referencing software tools are not considered “generative AI” and, therefore, are not subject to these policies.

Our journal staff and Editorial Board are committed to regularly reviewing and revising our policy as technologies continue to develop over time and the industry finds new ways to cope with the inevitable rise of generative AI.

AI POLICY FOR AUTHORS

- ChatGPT, Large Language Models, and any other generative AI programs cannot be listed as an author or co-author, nor cited as an author or co-author in the references.
- ChatGPT, Large Language Models, and any other generative AI programs cannot be used to create images, multimedia, or graphic elements.

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- Authors must disclose the use of any generative AI tool in their cover letter to editors/reviewers at the submission stage and in the Methods section of their manuscript. The statement should include:
 - The name and version of the generative AI tool used.
 - A description of how the generative AI tool was used and for what purpose.
 - The full prompt(s) submitted to the generative AI tool, including the date and time of each query (to be published as supplementary material).
 - *Please note that supplementary material incurs a fee of \$60 per page.*
 - Authors are responsible for the accuracy, completeness, and originality of the content in their manuscript.
 - Authors are expected to verify all AI-generated output for accuracy, completeness, and proper citation, as well as take action to combat biases that may be perpetuated by generative AI tools. Authors should describe the steps taken to mitigate risks in the Methods section of their manuscript.
 - Any manuscript determined to be in violation of our AI policies will be rejected.

AI POLICY FOR REVIEWERS

- Peer reviewers must not upload any part of any manuscript to ChatGPT, Large Language Models, and any other generative AI programs, due to concerns about breaching confidentiality terms.
- If generative AI is used in any other capacity during the peer review process, reviewers must disclose the use to the editor(s) when their review is submitted. The statement should include:
 - The name and version of the generative AI tool used.
 - A description of how the generative AI tool was used and for what purpose.
 - The full prompt(s) submitted to the generative AI tool, including the date and time of each query.
- Reviewers are responsible for reviewing all generative AI output with the same careful skepticism as expected of authors, including monitoring for inaccuracy, plagiarism, and bias.
- Any peer review determined to be in violation of our AI policies will be discarded.

If, at any point, you are in doubt about the tools you have used or how you have used them, please contact our Editor-in-Chief, Dr. David Newman, at amhped@asma.org or the Assistant to the Editor, Sandy Kawano, at amhjournal@asma.org.