

<https://doi.org/10.35336/VA-1410>

THE JOURNAL NEWS

E.N. Mikhaylov, N.Z. Gasimova, M.M. Medvedev

Artificial intelligence technologies

In the modern world, the speed of information update is growing at an unprecedented rate, and the number of clinical and fundamental research, scientific and educational publications is calculated in three-digit numbers every week. It is not surprising that artificial intelligence (AI) technologies, initially introduced for big data processing using clinical datasets, have begun to penetrate the field of preparation of scientific papers, and into the review process. Regulation, rather than banning the use of advanced technologies, promotes the development of science, including medical disciplines. In this regard, the “Journal of Arrhythmology” introduces for its authors, readers and reviewers the updated “Publishing Ethics” section of the Journal.

Authors should provide clear information whether AI-assisted technologies (for example, large language models, chatbots or image creators) were used for this work.

- It is necessary to indicate whether AI or AI-enabled technologies were used in the preparation of the manuscript. The information should be provided in the cover letter when submitting a manuscript.
- In the “Methods” section of the manuscript, authors should describe how and for what purpose AI or AI-enabled technologies were used in the research and/or preparation of the manuscript.
- AI or AI-enabled technologies are not considered as authors and should not be listed as authors or co-authors of a manuscript. Likewise, they should not be listed as authors or co-authors in references.
- Authors must declare and confirm that no part of the submitted material to the Journal created or modified by AI or AI-enabled technologies is under consideration or has been submitted to another journal for consideration, and that no element of its presentation, including any content generated by AI or AI-enabled technologies, constitutes plagiarism and does not violate the Journal’s policies.

Reviewers should not upload manuscripts into AI-software or other AI-assisted technologies where confidentiality cannot be guaranteed. In case of using AI or

AI-enabled technologies for the purpose of reviewing articles, reviewers should inform the Editorial Board. It is necessary to indicate how the AI technology was used in the process of evaluating the manuscript or in writing the comments/conclusion.

Caution! The results obtained by using AI tools may seem convincing and authoritative. However, AI tools themselves cannot distinguish true information from false information, which means that their results may be incorrect or misleading or provide an incomplete or biased result.

“Journal of Arrhythmology” in audioformat

For those who want to keep up with the latest publications, but do not have enough time to read full texts articles, the following news will be particularly important. “AudioRhythm” is the name of a new Journal section, it contains podcasts - dialogues with Journal authors. Each recording lasts for 8-15 minutes and allows you to be immersed into the world of electrophysiology without taking your eyes off the road (while driving or cycling) or lunch.

In the podcasts, you will learn about the latest research and advanced clinical practice in the field of heart rhythm disorders, prevention of sudden cardiac death, diagnosis of cardiovascular diseases, cardiac pacing and many other areas of invasive, surgical and drug treatment of patients with arrhythmias.

It is important to note that the “AudioRhythm” podcasts, as well as the published scientific articles, are intended for healthcare professionals. Information in podcasts usually accompanies accepted or just published articles, but may be different from the published article; podcasts are not peer-reviewed and cannot be taken as medical recommendations. Authors may express their personal opinions regarding scientific and educational aspects. Information may differ from the policy of their employers and from current clinical guidelines.

For the convenience of readers and listeners, each podcast will be posted on the page along with a corresponding article, on a separate page of the Journal’s website - AudioRhythm (<https://vestar.elpub.ru/>), as well as in our Telegram-channel (<https://t.me/vestnikaritmologii>).