

LEADERS ON THE HORIZON RADIOLOGY RESIDENTS PROGRAM

Leaders on the Horizon

Clinical Research and Clinical Review

Author's Guidelines

Submission

These guidelines apply to both clinical research and clinical review paper submissions for the Leaders on the Horizon program. Most of the requirements are the same, but please take note of the text in **red**, indicating requirements unique to each category.

Please submit your paper via email to Carolyn Wellington, Applied Radiology Program Manager, Carolyn@appliedradiology.com

Title Page

The title page should include the full title of the article (128 characters) as well as the following information:

- Author Information—All authors should be listed, including full names, highest degrees, titles and current affiliations (department, institution/company, city and state). All authors must provide email addresses for submission and authorship confirmation purposes. Please include Twitter handles, if applicable, for all authors. Listing of authors' Open Researcher and Contributor Identification (ORCID) is encouraged
- Corresponding author—Please provide full contact information: mailing address, phone number, and e-mail address.
- Conflict of interest/author disclaimer—Any actual, potential, or apparent conflicts of interest must be disclosed. All authors must download the ICMJE COI form at <http://www.icmje.org/conflicts-of-interest/> and return it to Applied Radiology.
- Source(s) of support—As described by the ICMJE, "these include grants, equipment, drugs, and/or other support that facilitated conduct of the work described in the article or the writing of the article itself. Inappropriate attribution of funding sources and affiliations are misleading and should be avoided."
- Prior publication/presentation—If any part or portion of the article has been published or presented in another form previously (e.g, published as an abstract or presented at a meeting), the original presentation must be identified with a complete citation. See additional guidelines below.
- **Research only:** Data availability statement—This statement will be published in the article and must state: 1) the type of data used, 2) whether data are being shared for

reuse and/or any restrictions thereof, 3) the data location or repository used along with a persistent identifier link (e.g., a digital object identifier [DOI]), 4) how to access the data, and 5) any relevant licensing information. If the data are not publicly available or accessible, this information should be indicated. Data noted in the data-sharing statement should be cited in the manuscript and included in the references. **See the Data Sharing and Reproducibility policy** below for additional information. Please begin the statement with the following italicized language as it applies (or a combination thereof if applicable):

- *Data are available in a public, open access repository.*

Please list repository name, the persistent URL (e.g., DOI), and any reuse requirements (e.g., license, embargo).

- *Data are available upon reasonable request.*

Please state what the data are (e.g., deidentified participant data), who the data are available from, their publishable contact details (e.g., email address or ORCID identifier – permission must be granted for their use) and under what conditions reuse is allowed. Please note whether additional information is available (e.g., protocols, statistical analysis plans)?

- *Data may be obtained from a third party and are not publicly available.*

Please state what the data are (e.g., deidentified participant data), who the data are available from, their publishable contact details (e.g., email address or ORCID identifier – permission must be granted for their use) and under what conditions reuse is permitted. Please note whether additional information is available (e.g., protocols, statistical analysis plans)?

- *All data relevant to the study are provided in the article or supplement.*

- *Data sharing is not applicable as no datasets were generated/analyzed for this study.*

- *No data are available.*

Manuscript

Word Count: Manuscripts should be 1,500-3,000 words.

Formatting your article: **Research**

Abstract

The abstract (no more than 300 words) should provide a short overview of the research, including the **objective and hypothesis, methods and materials, results, conclusions, and key words (10 or fewer)**. Funding sources should be listed separately after the abstract to facilitate proper display and indexing for search retrieval.

Introduction

State the objectives and provide background, including a brief review of the literature. Discuss what experimental question the study aims to answer and state the hypothesis. Briefly describe how the hypothesis was tested and how the results will contribute to the use of magnetic resonance imaging (MRI) today.

Methods and Materials

Include a straightforward description of the methods used in the study, including enough detail so the work may be reproduced. References should be used for previously published methods, with relevant modifications described.

Results

Results should be concise, presenting the experimental data.

Discussion

Briefly provide an overview of the work. Summarize the most important findings and, if applicable, accept or reject the hypothesis. Identify the most interesting, significant findings and contrast them to other studies. Consider other works that address the topic and the how the work contributes to MR imaging.

Conclusion

State the primary conclusions of the study.

Formatting your article: Review

Abstract

The abstract (no more than 300 words) should provide a short overview of the significance of the topic, aims/objectives of the review, study selection criteria, relevant data, key findings and conclusions.

Introduction

Introduce the condition/disease that will be discussed and describe its impact on patient populations. Introduce techniques and technology used to treat the condition/disease.

Body

As applicable, describe the featured technology and the clinical utility/application of the technology using with relevant examples. Use headings and subheadings to differentiate distinct sections of discussion.

Conclusion

As applicable, summarize key findings and the efficacy of the technology in patient management.

Figures

- Key Images: Provide 3 to 4 JPEG, PNG, GIF, or TIFF images (resolution: 300+ dpi). *Please provide images as individual files, not pasted into a Word document.*
- Each figure should have a descriptive legend.
- Each figure should be cited within the text.
- DICOMs. If image files are too large for sending in an email, please provide the DICOM data set as a ZIPPED file and upload the ZIPPED files labeled with the corresponding author's name to: <https://www.hightail.com/u/Applied-Radiology>
- [Download Image Submission Guidelines](#)

Tables

All tables must be cited in text, numbered in order of first appearance in the article (Table 1, Table 2, etc.). Indicate appropriate table title and define all abbreviations, symbols, and footnotes used.

References

Reference citations in the text must be numbered sequentially in order of first appearance in the text. Please do not list the references alphabetically. Reference numbers may be cited repeatedly in the text; however, all references must be cited at least once. Please use AMA format for references and overall style.

Example

1. Rigaud B, Anderson BM, Yu ZH, et al. Automatic segmentation using deep learning to enable online dose optimization during adaptive radiation therapy of cervical cancer. *Int J Radiat Oncol Biol Phys.* 2021;109(4):1096-1110.
doi:10.1016/j.ijrobp.2020.10.038.

Copyright Assignment

Once a manuscript is accepted for publication, it becomes the property of Anderson Publishing, Ltd., publisher of

Applied Radiology. All authors must sign the copyright transfer agreement available on the **Applied Radiology website: https://cdn.agilitycms.com/applied-radiology/PDFs/forms/AR-ARO_copyright-transfer_form_12-24.pdf**

The assignment of rights to Anderson Publishing, Ltd. includes, but is not limited to, rights to edit, publish, reproduce, distribute copies, and publish in electronic form or other media. Authors retain the right to revise, adapt, prepare derivative works, present orally, or

distribute the article, provided notice of copyright is given. For copyright permission, authors should contact Claudia Stahl, managing editor, at claudia@appliedradiology.com.

For any copyrighted materials used in your manuscript, such as Figures and Tables, the author must include written permission attained from the Publisher (eg, Elsevier, McGraw-Hill) upon submitting the manuscript to *Applied Radiology*.