

AAEM and *JEM* Resident and Student Research Competition

1. Requirements for Eligibility to Submit
 - A. Resident or Medical Student Status: In order to be eligible for consideration, the first author and principal investigator of each abstract submitted must be either a (1) resident in an ACGME, AOA, or ACGME-I accredited emergency medicine training program or (2) medical student in an LCME/COCA accredited institution with a strong interest in emergency medicine as a future profession, or a medical student with a strong interest in emergency medicine whose country is found within the Directory of Organizations that Recognize/Accredit Medical Schools (DORA).
 - B. AAEM/RSA membership is not required to submit. If invited to present at Scientific Assembly, the presenters must register themselves for the conference. Conference registration is free for AAEM/RSA members.
2. There is no fee for submitting an abstract. All abstracts must be submitted and presented in English.
3. Previous Presentations of Abstracts: Abstracts published as an article on or before September 6, 2022 may not be submitted. Abstracts that have been presented at the national meetings of other organizations may not be submitted. Abstracts that have been presented at international meetings may be submitted. You may submit this abstract to future conferences and publications. Abstracts currently under consideration for other conferences or publications may be submitted. **You cannot submit the same abstract for this and the AAEM/RSA & WestJEM Population Health Research Competition.**

Abstract Formatting

- Check for spelling, punctuation, and grammatical errors.
- Use of abbreviations: The use of standard abbreviations is desirable. A special or unusual abbreviation should be placed in parentheses after the first appearance of the full word it represents. Numerals rather than words should indicate numbers, except to begin sentences.
- Use of drug names: Each time a proprietary drug name is used in the abstract, the first letter is capitalized. Nonproprietary (generic) drug names are preferred and are not capitalized.

Abstracts must include:

- Background/Objectives (max 150 words): A precise statement of the purpose of the study or the pre-study hypothesis. This may be preceded by a brief introduction summarizing past work or relevant controversies that place the study in perspective.
- Methods (max 200 words): A brief statement of the methods used, including pertinent information about the study design, setting, participants, subjects, interventions, and observations.

- Results (max 200 words): A summary of the results presented in sufficient detail to support the conclusions.
- Conclusions (max 100 words): Conclusions should be succinctly stated and firmly supported by the data presented. Note important limitations.
- References, if applicable (no word limit)
- Up to three tables and graphs may be uploaded as PDFs (optional)

Review Criteria

The Competitions Work Group will consider the below criteria when reviewing AAEM/JEM Resident and Student Research Competition abstracts.

1. Background/objectives frame research question well?
(*Well stated, clear clinical relevance = 5; Unclear clinical relevance, remains interesting = 3; Question is unclear or has little potential to change clinical practice or training = 1*)
2. Methodology appropriate for the research question?
(*Ideal approach for the research question = 5; Reasonable but not ideal for research question = 3; Inappropriate choice to investigate research question = 1*)
3. Sample size enrolled was appropriate to power study?
(*Appropriate number of participants at appropriate number of sites = 5; Too few participants or inappropriate number of sites for data extrapolation = 3; Significantly underpowered study = 1*)
4. Results presented clearly and completely?
(*No lingering questions after results analysis = 5; Two or three lingering questions = 3; Inappropriate results analysis = 1*)
5. Statistical analysis appropriate and relevant for study, and explained well?
(*Mentioned and sophisticated = 5; Mentioned but unclear = 3; Not mentioned = 1*)
6. Conclusions supported by data?
(*Clear derivation of data = 5; Extrapolated from data = 3; Unclear = 1*)
7. Quality of written presentation?
(*Perfectly written = 5; A few errors = 3; Multiple errors = 1*)
8. Importance of question to clinical practice?
(*Integral, has potential to change the specialty = 5; Important, needs additional investigation or studies = 3; Negligible relevance to daily practice = 1*)