



**“State of the Science”
Poster Abstract Application Template**

Applicants are required to submit a brief abstract only, not a poster file. Manuscripts are not accepted. Selected abstracts may be published on AANA Foundation’s website or in *AANA Journal*. You will prepare one version of your abstract following the format appropriate for your chosen category.

You will be asked to provide all items for your category as indicated below. DO NOT include any other identifying information (e.g., names, affiliation, etc.) in the fields where indicated within your online application as portions of it will be sent for blind review.

General Poster Session Only

Educate. Develop. Grow. Engage. (EDGE)

Oral Poster and General Poster Session

Annual Congress

Abstracts will be evaluated based on each category’s criteria as well as the following:

Overall

- Is there any critical flaw or weakness that would preclude the abstract from being accepted such as being inaccurate, incomplete, or a literature review only?

Writing Style & Format

- Are guidelines followed?
- Is AMA format correct?
- Is correct grammar, punctuation, and sentence structure used?
- Is the abstract logical and well organized?

Funding Sources (Leave blank if none)

- 200 characters (including spaces) or less

Conflict of Interest (Do not leave blank)

- 400 characters (including spaces) or less
- Specify conflict of interest, if any

References

- Provide the most important references, 5 or less. Please note: AMA style format requires that references be included in the abstract with a numbered denotation. Please ONLY provide the full citation in the References field. Do NOT include full citation text within the abstract.

IRB Attestation

- Describe your IRB/IACUC status and process for determining it. Indicate if (1) you received a human subjects determination form from your institution certifying the project qualifies as non-human subjects research, or (2) the IRB/IACUC reviewed and approved the project or provided an exemption. You are required to attest to IRB/IACUC status and upload documentation.

Research (Quantitative or Qualitative)

Research uses the scientific process to generate new knowledge and evidence about a subject using methodology including measurements of variables, collection and statistical analysis of data and conclusions based on the results of the study.

Title (20 words/100 characters or less, including spaces)

- Be clear, concise, direct

Impact Statement (35 words/200 characters or less, including spaces)

- Describe how the study/abstract will impact the care that CRNAs deliver.

Abstract (325 words/1990 characters or less)

Purpose/Question (45 words/290 characters)

- Describe the purpose and research question clearly and concisely.
- How this section is reviewed:
 - Does the title reflect the research project?
 - Is the significance of the problem and/or phenomena as evidenced in the literature clearly described?
 - Is the need for the study clearly demonstrated?
 - Is the Research Question clearly stated and aligned with title/background (Quantitative Research) or Is the Theoretical Framework appropriate to inform study (Qualitative Research)?

Methods (100 words/600 characters)

- Describe the research design, sample, setting, outcomes, and a high-level overview of the analysis approach.
- How this section is reviewed:
 - Is Protection of Live/Animal Subjects addressed adequately and is a statement regarding IRB/IACUC approval/exemption included? (Note: this statement and attestation should appear outside the abstract text, elsewhere in the application where requested.)
 - Is the Research Design appropriate and logically consistent for research question(s) posed? (Qualitative Research/Quantitative Research)
 - Are the sample, setting and data collection clearly described and consistent with methodological approach including instruments/specific methods? (Qualitative Research/Quantitative Research)
 - Is the data analysis clearly described and consistent with research design and methodological approach?

Results (110 words/700 characters)

- Describe the key findings of analyses in a factual manner with specific data points (including demographics), noting any themes that emerged from analysis. Include information on reliability, validity, and statistical testing, as appropriate.
- How this section is reviewed:
 - Are the results reported in a clear, concise and accurate manner?
 - Are the results aligned with the research design, purpose, goals?
 - Does the statistical (Quantitative Research) or thematic (Qualitative Research) analysis support the results and is the interpretation of results sound?
 - Are reliability and validity addressed (Quantitative Research) or is trustworthiness addressed (Qualitative Research)?

Implications/Conclusion (70 words/400 characters)

- Describe the significance and implications of the findings for practice, noting any limitations, and future research needs. Ensure the conclusions are supported by the results and minimize over-generalization.
- How this section is reviewed:
 - Are the discussion and conclusion supported by the results?
 - Are implications and recommendations for practice discussed?
 - Are study limitations discussed adequately?
 - Are suggestions for future research included?

Evidence-Based Practice/Quality Improvement

Evidence-based practice uses the best evidence from published research studies and combines it with clinical expertise to answer a specific question and guide clinical practice resulting in the best patient outcomes.

Quality improvement is a data-driven strategy to improve processes, costs, productivity, and outcomes within an organization based on evidence from the literature. The focus is on the current structure within the institution that needs to be changed.

Title (20 words/100 characters or less, including spaces)

- Be clear, concise, direct

Impact Statement (35 words/200 characters or less, including spaces)

- Describe how the study/abstract will impact the care that CRNAs deliver.

Abstract (325 words/1990 characters or less)

Purpose/Question (45 words/290 characters)

- Describe the purpose and EBP/QI question clearly and concisely.
- How this section is reviewed:
 - Does the title reflect the project?
 - Are the project purpose and goals clearly defined?
 - Is the significance of a healthcare problem well established?

- Is the significance of the problem supported by evidence from the literature?

Methods (100 words/600 characters)

- Describe the implementation plan, QI framework (e.g., Plan-Do-Study-Act, Six Sigma, RCA, if applicable), evaluation methods, and analysis strategy. For projects that do not include implementation, there MUST be a plan for implementation and analysis.
- How this section is reviewed:
 - Are research ethics adequately addressed such as protection of live subjects and is a statement regarding IRB/IACUC determination or exemption included? Is the methodology clearly described? (Note: this statement and attestation should appear outside the abstract text, elsewhere in the application where requested.)
 - Is an implementation plan or process described?
 - Is a plan for data analysis and/or evaluation described?

Results (110 words/700 characters; if project has been implemented)

- Describe the findings of analyses in a factual manner with specific data points (including demographics), noting any themes that emerged from analysis. For QI projects, provide results of statistical testing, if conducted.
- How this section is reviewed:
 - Are the results reported in a clear and concise manner?
 - Are the results aligned with the project initiative purpose/goals?
 - Does the data analysis support results?
 - Is the interpretation of the results sound?

Implications/Conclusion (70 words/400 characters)

- Describe the significance and implications of the findings for practice. For QI projects, ensure the conclusions are supported by the results and minimize over-generalization.
- How this section is reviewed:
 - Are the discussion and conclusion supported by the results? (N/A if not implemented)
 - Are the implications and recommendations for clinical practice discussed?
 - Are the project initiative limitations discussed adequately?

Case Study or Innovation

A **case study** describes an unusual, complicated, or novel case of the symptoms, signs, diagnosis, treatment, and follow-up of an individual patient and includes the relevant literature on the topic.

An **innovation project** describes a new invention of a product or process that demonstrates adherence to scholarly standards and practices with proof of concept backed by evidence from the literature which may include pilot studies.

Title (20 words/100 characters or less, including spaces)

- Be clear, concise, direct

Impact Statement (35 words/200 characters or less, including spaces)

- Describe how the study/abstract will impact the care that CRNAs deliver.

Abstract (325 words/1990 characters or less)

Purpose/Question (45 words/290 characters)

- Describe the purpose of the case study or innovation and any relevant questions addressed clearly and concisely.
- How this section is reviewed:
 - Does the Title reflect the project?
 - Is the focus of the case/innovation clearly described?
 - Is the relevant etiology, epidemiology presented (Case Study) or Is the problem and aim of the innovation described (Innovation)?
 - Are unique features of the case/innovation included?

Methods/Results (210 words/1300 characters)

- Describe relevant patient history or characteristics of the innovation, the intervention/ clinical approach, how the innovation was utilized, and any analyses conducted.
- How this section is reviewed:
 - Has appropriate approval been obtained such as facility approval or IRB/IACUC determination and is a statement included? (Note: this statement and attestation should appear outside the abstract text, elsewhere in the application where requested.)
 - Is relevant patient history provided (Case Study) or Is the innovation described (Innovation)?
 - Are research ethics adequately addressed?
 - Is the perianesthesia/analgesia course described (Case Study) or Is the innovation utilization described? (Innovation)
 - Is Data Analysis and/or an Evaluation Plan described? (Innovation only)

Implications/Conclusion (70 words/400 characters)

- Describe the outcomes of the case or innovation, presenting any evidence-based plan of care, and articulating conclusions and significance for practice, minimizing over-generalization.
- How this section is reviewed:
 - Is a detailed description of the outcomes of the case or innovation provided?
 - Are detailed and appropriate conclusions for the case study or innovation discussed?
 - Is an evidenced-based plan of care described (Case Study)? Does the literature support the innovation design and implementation? (Innovation)?
 - Are Implications and recommendations for clinical practice and/or the anesthesia profession discussed?