

ORIGINAL RESEARCH

Abstract [limit to 300 words]

Background: Briefly describe the topic of study, highlighting the importance of the research question.

Research Question: State the research question(s) as a question(s). This may be one sentence that includes the key features of the study (e.g. study population, predictors and outcomes). Do not list the study objective, goals, or aims.

Study Design and Methods: State the study's design highlighting key aspects of the methodology. This may include the type of study (e.g. observational, clinical trial, diagnostic test, economic evaluation, meta-analysis), study subjects, predictors, primary and secondary outcomes assessed, and statistical approach.

Results: Briefly describe the study population and the study findings related to the outcomes described above. Include measures of statistical and/or clinical significance where appropriate.

Interpretation: Directly relate the study findings to the research question. Potential implications of the response to the research question may be included.

Clinical Trial Registration: Registrar, website, and registration number, where applicable.

Key words: Ideas or topics central to the study.

Abbreviations: An alphabetical list of all abbreviations used in the paper, followed by their full definitions.

Text [limit to 3,200 words]

Include the headings Study Design and Methods, Results, Discussion, and Interpretation (see below), as well as no more than 8 subheadings.

Introduction/Background [Not labeled]

Background and context for the research question that explains why the manuscript is relevant and timely. Include the research question(s) and research hypothesis.

Study Design and Methods

The description should be detailed enough to allow replication of the study. Include the following:

- ☐ The type of study (*e.g. cross-sectional, case-control, cohort, clinical trial, diagnostic test, economic evaluation, meta-analysis*) and the study setting
- ☐ A description of the study subjects/population, including how they were identified, inclusion and exclusion criteria
- ☐ Sample size calculation
- ☐ Definitions of the predictors (*e.g. exposures, intervention*), primary and secondary outcome measures, and how they were measured
- ☐ Statistical approach, including statistical software used
- ☐ IRB approval
- ☐ Specific reporting guidelines for the article's specific study type (*e.g., CONSORT checklist items, including a study flow diagram, for RCTs*). See the Equator Network.
- ☐ Clinical trial registration information

For detailed guidelines for different study types, please see [https://journal.chestnet.org/issue/S0012-3692\(20\)X0008-0](https://journal.chestnet.org/issue/S0012-3692(20)X0008-0)

Results

Results should include a description of the study population and findings that address the research question(s) (*e.g. predictors and outcomes, accuracy, economic evaluation*) described in the Study Design and Methods. Appropriate statistical analysis results should appear in the text. Tables and Figures can be used to illustrate and organize the findings.

Discussion

Include the following:

- ☐ An overview of the key findings, directly related to the research question, primary and secondary outcome(s)
- ☐ Contextualize the findings by comparing them with relevant literature
- ☐ Strengths and limitations of the study

Interpretation

Directly relate the study findings to the research question. Potential implications of the response to the research question may be included. Do not comment on areas that were not directly addressed by the research.

References [limit to 50 references]

All references should follow the *AMA Manual of Style*.¹ In text, references must be given as superscript numerals, numbered consecutively in the order in which they appear in the text. The full citations must be listed in numerical order. Examples of common reference types are available at https://journal.chestnet.org/authinfo_prep.

Reference

1. American Medical Association. *AMA Manual of Style: A Guide for Authors and Editors*. 11th ed. New York, NY: Oxford University Press; 2020.

Take-Home Points

Include 1 sentence for each of the following:

- ☐ Study Question
- ☐ Results
- ☐ Interpretation

Graphic Elements

All graphic elements should be numbered and cited in consecutive order in the text. Of note, supplemental, online material should be numbered separately (eg, Table 1, Table 2, eTable 1, eTable 2). Authors are responsible for securing appropriate permissions. For acceptable file formats and detailed guidelines for tables and figures, see https://journal.chestnet.org/authinfo_prep.

Acknowledgments

Include the following:

- ☐ **Guarantor** statement [the author responsible for all content of the manuscript]
- ☐ **Author contributions** [individual contributions each author made to the development of the manuscript; should include at minimum the three criteria required for **Authorship**]
- ☐ **Names of collaborators** [for any study groups or networks listed in the author list]
- ☐ **Financial/nonfinancial disclosures** [should match those provided on the title page]
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- ☐ **Other contributions**