

CAMC Institute for Academic Medicine-Annual Research Day

Tuesday April 16th, 2024

Sponsors: This activity is co-sponsored by the CAMC Institute for Academic Medicine and the CAMC Foundation

This research conference will feature oral and poster presentations by **Fellows, Residents, Medical Students, Pharmacy Students, and other healthcare students**. Accepted abstracts will be included in the conference proceedings.

All abstracts will be held to rigorous review standards. Instructions and score criteria are based on national standards.

Important Eligibility Requirements

- Research must have been conducted within the CAMC Institute for Academic Medicine
- Applicants are limited to **One** abstract submission in either an original research or case report category as PRESENTER. However, there is no limit on the number of times an author can be listed on submissions of other presenters. The Research Review Committee reserves the right to place accepted abstracts into oral or poster presentation sessions.
- Research presented at a regional or national meeting prior to Research Day is eligible for submission. Research that has been published is not eligible for submission.
- Abstracts exceeding the 300-word limit will not be reviewed.
- Abstracts must be submitted using the online application and format.
- Abstracts submitted after the online submission deadline of **February 2, 11:59pm** will not be reviewed.
- **IRB approval numbers will be required as part of the application process for original research or cases involving 2 or more patients.**
 - If you do not know this number, please contact April White, Research Review Specialist at 304-388-9972.

As part of the Abstract submission process, you will be asked to provide Name, email address, mentor, mentor's email address, IRB Approval Number (if applicable), Research type (case or original), list of authors (PI/mentor, co-investigators, research staff).

ALL communication related to your Research Day participation will be via the email you provide in the abstract submission, including deadlines.

Your PI/Mentor should review all **CASE REPORTS** prior to submission and your PI/Mentor and **Research Coordinator** should review all **ORIGINAL RESEARCH** abstracts prior to submission.

Prizes will be awarded to those presenting resident/student research at the closing ceremony following the program. **You must be present at the closing ceremony to accept the award.**

Original Research Oral Podium Presentations

1st \$500 2nd \$350 3rd \$250

Case Presentations Oral Podium

1st \$500 2ND \$350 3rd \$250

Poster Presentations (E-poster with presenter present)

Original 1st \$500 2nd \$350 3rd \$250

Case 1st \$500 2nd \$350 3rd \$250

Research Day awards may be adjusted at the discretion of the Research Review Committee.

Certificates will be awarded to participating presenters. Recordings of presentations, copies of program, awards selection and photos will be available on the CAMC website and CAMC social media.

For Questions or Information Contact: Elaine Davis Mattox, RN, Ed.D. at 304-388-9915 or Mary Emmett, PhD

elaine.davis@camc.org/elaine.mattox@camc.org or mary.emmett@camc.org

Important Links

Online Abstract Submission: <https://redcap.link/w3vdbqvf>.

QR CODE for Abstract Submission



Research Day Information Packet: (sample abstracts, screening criteria, judges scoring information).

**Mark Your Calendar
Save the Date**

**CAMC/WVU
Annual Research Day**

Tuesday, April 16, 2024

Submissions will be accepted by midnight

February 2, 2024

**Watch for additional details on the submission site
which will open early January, 2024.**

Guidelines for Writing an Abstract

Title:

- Short and concise
- Tells the reader what the study is about

Authors:

- Give credit to everyone who made a substantial contribution to the work.

Purpose:

- Presents the reason for doing the research
- States hypothesis or objective
- Limit purpose statement to about 3 sentences

Methods:

- 2-3 sentences about the approach
- May want to state population, data variables or analytics used

Results:

- Results should relate to the hypothesis/objective of the study.
- Significant results should include the p-value.

Conclusion:

- Show the impact of the research
- Tell the audience why this research is of value to society, the organization

Resident\Student Research Day
Original Research Scoring Sheet

Presenter: _____

TOTAL: _____

PURPOSE: (maximum = 5)

Score: _____

- A. Purpose explicitly stated.
- B. Purpose not explicitly stated but obvious from the introduction.
- C. Purpose unclear.

Comments on Purpose:

HYPOTHESIS (maximum = 5)

Score: _____

- A. Hypothesis clearly stated.
- B. Hypothesis not clearly stated.
- C. If a hypothesis is not appropriate, is the research question clearly stated!

Comments on Hypothesis:

ORIGINALITY (maximum = 15)

Score: _____

- A. Original work which does not duplicate previous work.
- B. Replication of a previous study with a clear statement as to why this study is unique.
- C. Replication of a previous study without a clear statement of why this study is unique.

Comments on Originality:

DESIGN (maximum = 10)

Score: _____

- A. Prospective randomized controlled study.
- B. Prospective laboratory research.
- C. Prospective nonrandomized study.
- D. Retrospective clinical research.
- E. Case series without controls.

Comments on Design:

VARIABLES (maximum = 10)

Score: _____

- A. Variables measured are appropriate to validate the hypothesis or address the research question.
- B. Variables measured are not appropriate to validate hypothesis OR address the research question.

Comments on Variables:

STATISTICAL ANALYSIS (maximum = 10)

Score: _____

- A. Analytical methods are appropriate
- B. Statistical analysis is flawed but flaws in the analysis do not invalidate the study or the hypothesis or research question.
- C. Statistical analysis is severely flawed and threatens to invalidate the study.

Comments on Analysis:

Resident\Student Research Day
Case Report Scoring Sheet

Presenter: _____

TOTAL: _____

PURPOSE: (maximum = 20)

Score: _____

- A. Clearly describes diagnostic problem and/or unusual finding
- B. Problem not explicitly stated but obvious from the introduction.
- C. Purpose of case report unclear.

Comments on Purpose:

DESIGN (maximum = 25)

Score: _____

- A. Case- well described (history and physical information presented, follow-up provided, results of literature search provided).
- B. Case described (all pertinent history and physical information presented, case follow-up presented).
- C. Case adequately described (all pertinent history and physical information presented).

Comments on Design:

DISCUSSION/IMPORTANCE (maximum = 30)

Score: _____

- A. Unusual diagnostic problem or case study – rarity in the literature; results/findings clearly explained
- B. Unusual but not rare findings. Important previous work is cited. Results and unexpected findings are clearly explained.
- C. Places the current work in perspective. Some results not explained well or alternative explanations for results are not explained. References are current, comprehensive and appropriate.
- D. Relevance of work is not clear. References appear current and adequate.

Comments on Discussion

PRESENTATION (maximum = 25)

Score: _____

- A. Presentation delivered with minimal notes, eye contact maintained with audience, appropriate use of audiovisual aids, questions fielded appropriately
- B. Presentation delivered with notes, minimal difficulty with audiovisuals, minimal difficulty with questions.
- C. No eye contact maintained with audience, poor audiovisuals, questions not fielded appropriately.

Comments:

Total: (100 points possible) _____

Overall Strengths:

Overall Weaknesses:

RESEARCH DAY - 2023
Judging Criteria for Poster Presentations

Topics to include either original research and case reports

1. Appearance of the poster display (20 points possible):

- Does the display attract and hold viewer's attention?
- Text, figures, tables, and photos labeled and large enough to view from 4 to 5 feet away?
- Is the display free of unnecessary detail?
- Are the graphs, charts and tables useful? (represent the data)
- Is the poster information organized and clear?
- Does the poster accurately reflect what was summarized in the abstract?
- No spelling errors, literature and scientific or trade names properly cited

_____Score

2. Poster organization and preparation (35 points possible):

- Abstract: easy to follow
- Highlights of research or case report project concise and easy to find
- Introduction: covers previous literature, objectives and/or hypothesis
- Methods and Materials: covers enough detail but not too much verbiage
- Includes experimental design or execution of experiment/project
- Results and Discussion: overall results
- Tables and Figures: appropriate quality, size, and number
- Colored photos: important to show results with pictures
- Conclusions/summary statements are included and valid
- Literature Cited: not too many but list key citations
- Poster is concise, logical, and self-explanatory

_____Score

3. Originality and Merit (30 points possible)

- Originality of research study or uniqueness of case report
- Subject is of importance, significance, and interest to the healthcare profession
- Previous literature appropriately cited in introduction and discussion
- Objectives or hypothesis were clearly stated
- Work was well-conceived and properly executed
- Appropriate methods and experimental design to test hypothesis
- Conclusions substantiated by data
- Statistics used to evaluate data (if appropriate)

_____Score

4. Knowledge and Presentation (15 points possible)

- Student/Resident's enthusiasm of subject area
- Student/Resident's knowledge and competence in subject area
- Presentation of poster highlights to judging committee (3-5 minutes max)
- Ability to answer questions from judges

_____Score

Total possible points 100

_____Total Score

ORIGINAL RESEARCH

Example of an Abstract: (Word limit = 300)

Title: Treatment of acute myocardial infarction at United States academic hospitals.

Authors: Bradley G. Phillips, Pharm.D., Josephine M. Yim, Pharm.D., Edward J. Brown, Jr., M.D., Neville Bittar, M.D., Timothy J. Hoon, Pharm.D., Catherine Celestin, Pharm.D., Peter H. Vlasses, Pharm.D., FCCP, Jerry L. Bauman, Pharm.D., FCCP; University of Illinois at Chicago; University Hospital Consortium, Oak Brook, IL; Bronx-Lebanon Medical Center, Bronx, NY; University of Wisconsin; Bristol-Myers Squibb Company, Princeton, NJ.

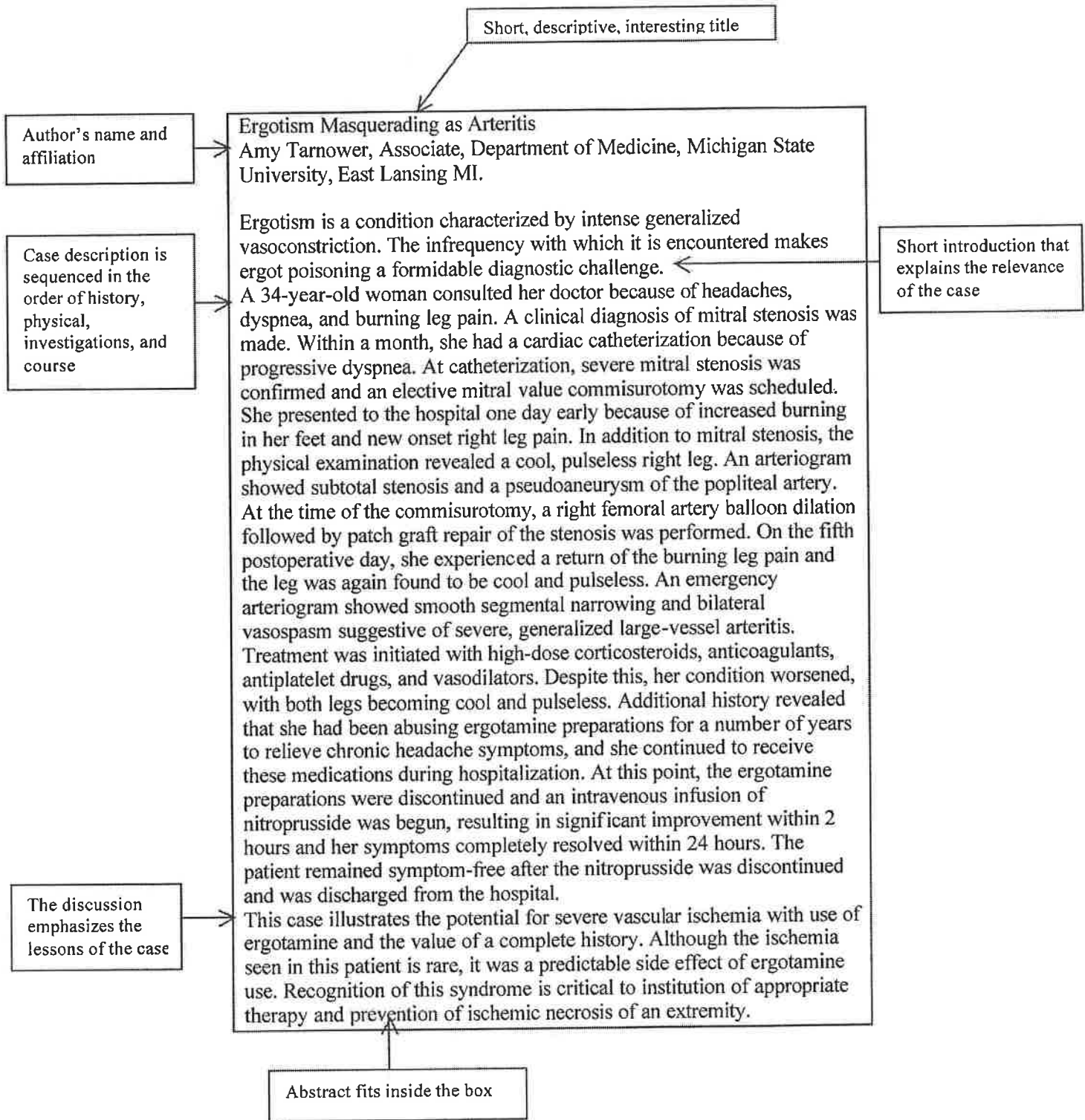
Purpose: This study documented drug therapy received by patients surviving acute myocardial infarction (AMI) at U.S. academic hospitals in order to 1) compare prescribed drug therapy to established guidelines defined in the medical literature, and 2) evaluate evolving prescribing trends in pharmacologic management.

Methods: Medical records of 500 survivors of AMI admitted between April 1 and October 31, 1993 to 12 academic centers in the United States were reviewed. Patients' medical history, in-hospital course, and specific drug management prior to admission, during the first 72 hours post AMI, and at hospital discharge, were documented.

Results: Thrombolytic therapy was prescribed in 29% of 500 patients studied and included: intravenous streptokinase (49%), tissue-type plasminogen activator (43%), acylated plasminogen-streptokinase activator complex (5%), and intracoronary urokinase (3%). A greater proportion of eligible patients received β -blocker therapy than calcium channel antagonist therapy within the initial 72 hours (61% vs 40%, $p < 0.005$) and at discharge (51% vs 35%, $p < 0.005$). Women were less likely to receive thrombolytic therapy (OR=0.61; CI 0.54, 0.69) or β -blocker therapy within the first 72 hours (OR=0.61; CI 0.55, 0.67) and at hospital discharge (OR=0.53; CI 0.48, 0.58).

Conclusions: Streptokinase was the predominant thrombolytic agent used at academic hospitals studied during the period of data collection. Use of acute and chronic β -blocker therapy has now surpassed that of calcium channel antagonist therapy in this setting. These changes may be due to the impact of large clinical trials. With few exceptions, the majority of surviving patients received appropriate pharmacologic therapies during the initial 72 hours and at hospital discharge.

Abstract: Taken from the American College of Clinical Pharmacy on How to Write an Abstract.



*Example of Abstract Format.
 From The American College of Physicians 2/26/2016*