

HEART RHYTHM 2022

ABSTRACT SUBMISSION GUIDELINES

TABLE OF CONTENTS

INTRODUCTION	1
TIPS FOR A GOOD ABSTRACT	1
SECTION 1: SUBMITTING AUTHOR DESIGNATION	2
SECTION 2: ABSTRACT SUBMISSION & PREPARATION GUIDELINES	2
SECTION 3: ACCEPTANCE & WITHDRAWAL	5
SECTION 4: ABSTRACT AWARDS	5
SECTION 5: LATE-BREAKING CLINICAL TRIAL ABSTRACT SUBMISSION SITE	7
SECTION 6: ABSTRACT CATEGORIES	7
SECTION 7: ABSTRACT PRE-SUBMISSION CHECKLIST.....	10

INTRODUCTION

Abstracts are a very important part of the Annual Meeting for several reasons:

- A great abstract can help advance the field
- It provides you with the opportunity to convey your findings to your colleagues and get their feedback
- It is the foundation for turning a research study into a published manuscript.

The aim of Heart Rhythm 2022 is to support the exchange of knowledge among the electrophysiology community. Annually, the Society receives more than 3,000 abstract submissions from physicians and allied professionals seeking a forum to showcase their science. Of these submissions, the Society will only accept approximately one third for presentation.

TIPS FOR A GOOD ABSTRACT

Follow the Submission Guidelines

The Abstract Submission Guidelines can be used as a tool for success. The guidelines include everything that you need to know about submitting an abstract for presentation at Heart Rhythm 2022.

Be Succinct: Use Simple Sentences and Minimize Abbreviations

Healthcare practice varies from country to country. Avoid using jargon and local expressions. Abbreviations (unless they are basic and universally accepted such as AF, VT) should not be used in your abstract.

Review for Accuracy

Before submitting your abstract, enlist one or more colleagues to double-check the text, tables and figures for accuracy. Having more than one colleague review your abstract and offer constructive criticism can be extremely beneficial. Adherence to these useful tips will increase the chances that your abstract will be rated highly by reviewers and enhances the probability that your abstract will be selected.

ABSTRACT SUBMISSION DEADLINE: Friday, December 10, 2021, 11:59 PM Eastern Time

Abstracts must be submitted electronically via Heart Rhythm 2022 Abstract Submission Site. Abstracts submitted on December 11, 2021 at 12:01 AM Eastern Time or later will not be accepted.

SECTION 1: SUBMITTING AUTHOR DESIGNATION

The submitting author is considered the Presenting Author. All correspondence for the abstract will be directed to the Presenting Author. The information should be reviewed to ensure that current and correct e-mail address information is listed. The designation of Presenting Author should be carefully considered before initiating the abstract submission process. Once the abstract has been submitted, the Presenting Author cannot be changed.

SECTION 2: ABSTRACT SUBMISSION & PREPARATION GUIDELINES

Submission Payment

Each abstract submission is \$25 USD for members and \$75 USD for non-members. The submission fee will directly fund additional travel grants to assist fellows-in-training and support enhancements to the presentation of abstracts. The Submitting Author will be charged this non-refundable submission fee for each abstract they submit.

Payments must be made by credit card during the submission process. Visa, MasterCard, and American Express are accepted.

Abstract Title

- An abstract must have a short specific title (containing no abbreviations) that indicates the nature of the investigation.
- Titles should **not** include the authors' names.
- Always use correct title case (e.g., Only the Best of the Best in Medicine Study Electrophysiology).

Abstract Authors

- Abstract authors are comprised of two different types
 1. **Presenting Author:** the author who is submitting the abstract; to whom all correspondence from the Heart Rhythm Society will be sent and is listed as the first author for publications.
 2. **Co-Author(s):** all additional authors contributing to the abstract.
- The Society will institute the "Author Search" tool for abstract submissions. This will allow you to search our database for your co-authors. For consistency, spell out all co-author names and avoid using initials. This will allow the correct information to appear in the index of all Heart Rhythm 2022 publications, website, and mobile applications. If an individual is not in our database, they will be required to set up an HRS account.
- Submitting Authors will be required to indicate the career level for themselves and each co-author.
- To avoid scheduling conflicts, an abstract author may only serve as the Presenting Author for no more than five (5) abstracts.
- **Reminder:** The submitting author is considered the Presenting Author. All correspondence for the abstract will be directed to the Presenting Author. The information should be reviewed to ensure that current and correct e-mail address information is listed. The designation of Presenting Author should be carefully considered before initiating the abstract submission process. Once the abstract has been submitted, the Presenting Author **cannot be changed**.

Abstract Text

When entering text, please remember:

- Use generic drug names.
- Do not begin sentences with numerals; numbers should be spelled out.
- Standard abbreviations may be used without definition. Nonstandard abbreviations (which should be kept to a minimum) must be placed in parentheses after the first use of the word or phrase abbreviated.
- Do not include references, credits, or grant support in your abstract body. This information should be included in your disclosure only.
- Do not include the names or personal information of any patient participating in the study or trial.

Please note that because of the site's text box system in use, you will not be able to upload your abstract to the Abstract Submission Site; you must manually type the text or cut and paste the text from another document. However, you will be able to upload images, limit two per submission.

Abstract Data

- Multiple abstracts appearing to be redundant versions of a single study will be rejected.
- Abstracts are not eligible for consideration if published prior to Heart Rhythm 2022. No abstract may be presented at Heart Rhythm 2022 if it is substantially similar to material presented or to be presented at a major international meeting held prior to Heart Rhythm 2022.
- Individuals who have submitted abstracts to other major international meetings and await notification of acceptance may also submit abstracts to the Heart Rhythm Society for consideration for Heart Rhythm 2022; however, upon acceptance from another organization, it is the responsibility of the author to notify the Heart Rhythm Society office by **Tuesday, February 8, 11:59 PM Eastern Time** to withdraw the abstract.
- The Heart Rhythm 2022 Program Committee endorses the position of the American Association for the Advancement of Science in requiring assurances of the responsible use of animals in research ([AAAS Resolution: Use of Animals in Research, Testing, and Education](#)). All submissions must follow these guidelines.
- Any human experimentation must conform to the principles of the Declaration of Helsinki of the World Medical Association ([WMA Declaration of Helsinki](#)).
- The Presenting Author must ensure that all co-authors are familiar with the data, agree with the stated results, and have agreed to be included as authors.
- **Industry Abstract Submissions:** All submissions are required to focus on science and research and not products or services. Abstract presentation may not be sales presentations and/or endorsement for products or services.
- The Heart Rhythm Society reserves the rights of reproduction, distribution, display and derivatives in both print and digital format. Upon their abstract's acceptance, authors will be asked to read and comply with the Heart Rhythm Society's Release and Authorization for Webcasts, and Enduring Products.

Abstract Format

The total number of characters allowed for the submission is 2000. The character count does not include spaces or the abstract title. As you enter text into the abstract body, a counter deducts characters from the total allowable number of characters. If you upload figures (limit 2), please be sure that any text included in these files will be legible at the size you define for the figure.

Submitting authors are required to submit text in the assigned section headers in his/her abstract submission to ensure the abstract is formatted correctly for publication.

Section Headers

Background:
Objective:
Methods:
Results:
Conclusion:

Provocative Cases Abstracts: When entering your case report, please enter “N/A” into the Methods section and the actual case should be entered into the Results section.

Proof of Concept/Innovation Abstracts: If you find that your abstract is a novel innovation, a pilot or validation study, you now have the option to check the box to indicate so. The intent is to identify those studies that may be small in scope, early-stage or initiated by start-ups for a proof-of-concept test. If your abstract is selected as Proof of Concept/Innovation, you will be invited to participate in a unique poster session.

Quality Improvement Abstracts: The Heart Rhythm Society recognizes that a commitment to quality improvement is vital to navigating and succeeding in the ever-evolving healthcare environment. The goal of healthcare quality improvement (QI) has been defined by the “Quadruple Aim” – improved care, improved outcomes, improved value, and increased joy for clinicians (by reducing administrative burden). If your abstract contains clinical content which focuses on systems-based methods, etc. to improve experience and outcomes for patients and clinicians constitutes QI, please indicate by checking the box during submission.

Use of Color: Please be sure to use colors in your figure that can easily be seen in black and white print. We recommend that you do not use any dark color(s) (i.e., black, blue, dark grey, green, or red) as a background color on an image.

Abstract Revisions

- Carefully proofread the abstract and make any necessary revisions before the abstract submission deadline date.
- To ensure that the abstract receives proper scientific consideration, please make sure that the abstract is submitted to the appropriate category. This determines which team grades the abstract. If you select the appropriate category, you are more likely to be graded by peers with similar interests.
- Resubmission of an abstract that is corrected or changed is not possible after the abstract deadline date.

Reporting Financial Disclosures

The Submitting Author will be required to provide disclosure information related to this Certified Educational Activity by indicating any relevant financial relationships with commercial interest(s). As part of the Society’s commitment to transparency and accountability, and to attain the highest standards of excellence, HRS requires all volunteers, session participants, and authors to disclose and manage relationships between personal, professional, financial or business interests when engaged in Society activities.

For accepted abstracts at the time of presentation:

- **Submission Criteria:** You acknowledge by submitting that you agree to upload an electronic poster to be featured in our online e-poster catalogue if submission is accepted.
- **Oral Presentations:** Disclosure information of the Presenting Author/Submitting Author/First Author must be included in the abstract at the time of submission. The Heart Rhythm Society will insert a disclosure slide into the accepted oral presentations.
- **Poster Presentations:** The disclosure information of the Presenting Author/Submitting Author/First Author must be included in the poster presentation.

Additional information can be found on the [Heart Rhythm 2022](#) website as it becomes available.

Please visit the [Disclosure Policy](#) on the Society's website for more information.

SECTION 3: ACCEPTANCE & WITHDRAWAL

Notification of Acceptance/Non-acceptance: Announcements will be sent via email in **February 2022**.

Publication: Accepted abstracts will be published in the online-only supplement to **HeartRhythm Journal**, the official journal of the Heart Rhythm Society, which will be freely available on **HeartRhythm's** website. The full-text abstracts will also be available on the Heart Rhythm 2022 mobile app and e-posters catalog.

Embargo Policy: Accepted abstracts are embargoed until 5:00 PM on Thursday, April 28, 2022. This means that information regarding any abstract submission may not be released before this time. Failure to honor embargo policies will result in the abstract being withdrawn and barred from presentation.

Registration: The Presenting Author (Submitting Author) is required to register for Heart Rhythm 2022 at a reduced registration rate; please visit the [Registration & Housing](#) webpage for more information. Expenses associated with the submission and presentation of an abstract are the responsibility of the presenter. Only one author per abstract is considered the presenter. **Co-Author(s) listed on the abstract do not receive reduced rates towards registration.** Registration information will be sent in April to Presenting Authors that have been accepted for presentation. For more information, visit the Faculty Resources section of the Heart Rhythm Society's website at www.hrssessions.org

Abstract Withdrawal

The Presenting Author must submit a request via e-mail to the following address to withdraw an abstract from Heart Rhythm 2022 (abstracts@hrsonline.org). Please note that the Presenting Author will receive an e-mail confirmation upon completion of the withdrawal. The request must fulfill the following requirements:

- Subject line of the e-mail must include "Abstract Withdrawal"
- Abstract title and number
- Reason for the withdrawal
- Presenter's first name, last name, and e-mail address

The deadline to withdraw an abstract is **Tuesday, February 8, 11:59 PM Eastern Time** to avoid being published in the **HeartRhythm Journal**.

SECTION 4: ABSTRACT AWARDS

The Heart Rhythm Society (HRS) seeks to recognize and promote excellence in the field of cardiac pacing and electrophysiology. HRS offers a variety of awards and scholarships for heart rhythm professionals at every stage of their careers, from fellow-in-training to seasoned professional.

To be considered, you must indicate your interest in applying for the abstract award(s) during the regular abstract submission period (October 29-December 10, 2021). Abstracts must conform to the award rules and criteria and be received by the deadline for abstract's First Author to be considered. Please review the [Awards and Scholarship Overview](#) for more information.

The Heart Rhythm Society reserves the right to determine the number of awards made and to cancel the competition each year if submitted abstracts are deemed to not be of adequate quality or interest.

[Young Investigators Awards \(YIA\) Competition](#)

Purpose

The YIA Competition recognizes and encourages the work of young investigators in training or those within three years of completing their training at their parent institutions.

The Heart Rhythm Society YIA Subcommittee, which is part of the Heart Rhythm Program Committee and is comprised of senior researchers, clinicians, and scientists, reviews all submissions for the competition. The Subcommittee then selects six finalists to present their work during Heart Rhythm 2022.

Cardiovascular Electrophysiology Society (CES) Young Investigators Awards Competition (for CES Members Only)

Purpose

The CES Young Investigator Awards (YIA) Competition recognizes and encourages the work of young investigators and their parent institutions. All submissions to the Cardiac Electrophysiology Society (CES) YIA Competition will be reviewed, and two clinical and two basic science investigators will receive awards during the CES annual meeting.

The CES YIA judges, who are part of the Cardiovascular Electrophysiology Society, and is comprised of senior researchers, clinicians, and scientists, reviews the highest scoring abstracts that indicated interest in the competition. The judges then select finalists to present their work during the CES Luncheon.

Highest Scoring Abstract in the Allied Professional Category Award

Purpose

The award will recognize the Presenting Author of the highest scoring abstract submitted to the Allied Professional category.

Fellow with the Highest Scoring Abstract Award

Purpose

This award recognizes the fellow-in-training, functioning as the Presenting Author with the highest scoring abstract in all sub-categories, excluding the Allied Professional category.

The Eric N. Prystowsky Fellow Clinical Research Award

Purpose

This award promotes excellence in clinical research by recognizing the fellow-in-training with the highest scoring abstract in the Clinical Electrophysiology & Catheter Ablation abstract category.

This award is supported by an unrestricted educational grant provided by the Eric and Bonnie Prystowsky Clinical Research Fund.

The Eric N. Prystowsky Early Career Researcher Award

Purpose

This award promotes excellence in clinical research by recognizing an early career researcher with the highest scoring abstract from select sub-categories in the Clinical Electrophysiology & Catheter Ablation abstract category.

Designed for the physician scientist with interest and expertise in arrhythmia research, this award aims to support the early career researcher who is one to five years out of fellowship training.

This award is supported by an unrestricted educational grant provided by the Eric and Bonnie Prystowsky Clinical Research Fund.

SECTION 5: LATE-BREAKING CLINICAL TRIAL ABSTRACT SUBMISSION SITE

The Heart Rhythm Society recognizes that exciting and rapidly evolving research may not be concluded in time for the **December 10, 2021, 11:59 PM Eastern Time** abstract submission deadline. To highlight timely and novel work at Heart Rhythm 2022, the Program Committee developed a peer-reviewed session of late-breaking clinical trials that allows for later submission and more emergent presentations.

The Heart Rhythm 2022 Program Committee plans to offer several Late-Breaking Clinical Trial Sessions at Heart Rhythm 2022. The Late-Breaking Clinical Trial Submission Site opens **Tuesday, February 8, 2022**. The deadline for submission is **Tuesday, March 1, 2022, at 11:59 PM Eastern Time**. The Heart Rhythm 2022 Program Committee reviews the abstracts and authors will be notified of their abstracts' status at the end of March 2022.

Late-Breaking Clinical Trial abstracts will be published on the **HeartRhythm website shortly after Heart Rhythm 2022 and included in the **HeartRhythm Journal**.*

SECTION 6: ABSTRACT CATEGORIES

All submitting authors must select an abstract category for the peer review process. Listed below are Heart Rhythm 2022 Abstract Categories and Subcategories. If you had submitted an abstract in the past, please review the list carefully before selecting the appropriate topic as changes to this list are made annually. Physicians should not submit to the Allied Professionals subcategories.

Basic/Translational Science

- 01) Ion Channels and Transporters: Molecular Structure, Function, and Regulation
- 02) Ion Channels and Transporters: Micro Anatomy and Pathology
- 03) Genomics: Bench
- 04) Genomics: Translational
- 05) Cell Physiology, Pharmacology, Signaling
- 06) Computer Modeling/Simulation
- 07) Intact Heart Electrophysiology
- 08) Whole Animal Electrophysiology and Pharmacology

Allied Professionals (Non-physician submissions only)

- 9) Clinical Research
- 10) Teaching Case Reports
- 11) Genetic Counseling

Cardiovascular Implantable Electronic Devices

Bradycardia Devices

- 12) Indications
- 13) Device Technology
- 14) Clinical Trials
- 84) Conduction System Pacing
- 85) Leadless Devices

Tachycardia Devices

- 15) Indications
- 16) Device Technology
- 17) Clinical Trials

Diagnostic Devices & Sensors

- 18) Indications
- 19) Device Technology
- 20) Clinical Trials

Leads & Electrodes

- 21) Implantation
- 22) Extraction/Removal
- 23) Technology
- 24) Clinical Trials

Monitoring & Outcomes

- 25) Monitoring & Follow-up
- 26) Quality Measures & Complications

Catheter Ablation

SVT/AVNRT/WPW/AT

- 27) Clinical Trials / Outcomes
- 28) Experimental Methods
- 29) Mapping & Imaging
- 30) Ablation Techniques
- 31) Quality Measures & Complications

Atrial Fibrillation & Atrial Flutter

- 32) Clinical Trials/Outcomes (Drug Trials)
- 33) Mapping & Imaging
- 34) Experimental Methods
- 35) Ablation Techniques
- 36) Quality Measures & Complications

Ventricular Arrhythmias

- 37) Physiology-Pharmacology
- 38) Electrocardiography
- 39) Clinical Trials/Outcomes
- 40) Mapping & Imaging
- 41) Ablation Techniques
- 42) Experimental Methods
- 43) Complications

Clinical Electrophysiology

SCA Risk Assessment

- 44) Signal Processing (SAECG/TWA, HRV, QT Interval)
- 45) Clinical Risk Assessment Techniques
- 46) Other Noninvasive Techniques

Syncope & Bradycardia

- 47) Physiology-Pharmacology
- 48) Monitoring Electrocardiography
- 49) Clinical Trials / Outcomes
- 50) Experimental Methods
- 51) Tilt Table Testing

SVT/AVNRT/WPW/AT

- 52) Epidemiology of Cardiac Arrhythmias/Epidemiology
- 53) Physiology-Pharmacology
- 54) Electrocardiography

Atrial Fibrillation and Atrial Flutter

- 55) Physiology
- 56) Pharmacology (Antiarrhythmic drugs and anticoagulants)
- 57) Electrocardiography
- 58) Closure

Ventricular Arrhythmias

- 59) Physiology-Pharmacology
- 60) Electrocardiography
- 61) Clinical Trials/Outcomes
- 62) Mapping & Imaging
- 63) Experimental Methods

Cardiac Genetics

- 65) Clinical Genetics and Registries
- 66) Genetic Testing and Genomics

Heart Failure

Cardiac Resynchronization Therapy

- 67) Indications
- 68) Programming
- 69) Lead and Delivery System
- 70) Autonomic Modulation
- 71) Surgical & Other

Heart Failure Management

- 72) Pharmacology
- 73) Clinical Trials
- 74) Monitoring

Pediatric/Adult Congenital Heart Disease

- 75) Pediatric Cardiology
- 76) Adult Congenital Heart Disease
- 77) Translational

Health Policy

- 78) Reimbursement, Regulation, Health Policy
- 79) Training and Education
- 80) Clinical Quality Measures and Outcomes
- 81) Health Economics

Provocative Cases

- 82) Teaching Case Reports

Digital Health

- 83) Digital Health

SECTION 7: ABSTRACT PRE-SUBMISSION CHECKLIST

Text Content

1. Ensure that the abstract is submitted to the appropriate category as this determines which team grades the abstract for proper scientific consideration
2. An abstract title should be a short, specific title (containing no abbreviations) and should indicate the nature of the investigation
3. Ensure the use of correct title case (i.e., Only the Best of the Best in Medicine Study Electrophysiology)
4. Use simple sentences and minimize abbreviations
5. Review abstract by enlisting one or more colleagues to double-check the text and figures for accuracy before the abstract submission deadline date
6. Resubmission of an abstract which is corrected or changed is not permitted after the abstract deadline date
7. Remember to use generic drug names
8. The total number of characters allowed for the submission is 2,000 excluding spaces

Graphics/Figures

1. Keep figures simple – line or bar graphs are most appropriate
2. Ensure text is large enough to read when printed
3. Use only pre-sized .gif or .jpg
4. Save color images in RGB mode
5. Ensure images are 72-300 dpi
6. You are limited to two figures per abstract submission.

QUESTIONS?

If you have any questions about submitting an abstract for presentation at Heart Rhythm, please contact the Heart Rhythm Society at abstracts@hrsonline.org.