Convenient Online Registration!

Please visit [www.ccasociety.org](http://www.ccasociety.org) to register for the meeting and book your hotel reservations online. Printable forms are also available for download.
THE PROGRAM

7:00 am – 5:00 pm  Registration
7:00 – 7:30 am  Breakfast with Exhibitors
7:30 – 7:50 am  Welcome
Helen M. Holtby, MBBS, FRCP(C), CCAS President

Outline of Educational Program
Jumbo Williams, MBChB

Session I: Basic Science & Practical Application: Cardiopulmonary Bypass
Moderator: Scott G. Walker, MD

7:55 – 8:35 am  What’s So Bad About Cardiopulmonary Bypass - We Do It Every Day?
James A. DiNardo, MD
8:35 – 9:15 am  Cardiopulmonary Bypass: Current State-of-the-Art and New Developments
Colleen E. Gruenwald, PhD, CCP
9:15 – 9:30 am  Questions and Discussion
9:30 – 9:45 am  Coffee Break

Session II: Electrophysiology and Rhythm Disturbances
Moderator: Susan R. Staudt, MD

9:45 – 10:15 am  EP Studies: Does Anesthetic Technique Matter?
Aman Mahajan, MD, PhD
10:15 – 10:45 am  Management of Perioperative Arrhythmias
James C. Perry, MD
10:45 – 11:00 am  Questions and Discussion

Session III: Insights From Recent Literature: Three Favorite Papers
Moderator: Nina Guzzetta, MD

11:00 – 11:15 am  Annette J. Davis, MB, ChB, FRCA
11:15 – 11:30 am  Peter C. Laussen, MBBS
11:30 – 11:45 am  Kenneth M. Brady, MD
11:45 am – Noon  Questions and Discussion
Noon – 1:00 pm  LUNCH
Noon – 12:30 pm  Lunch with Exhibitors

Session IV: CCAS Update from the Leadership NON-CME

12:30 – 1:00 pm  Past, Present and Future
Dean B. Andropoulos, MD, MHCM; James A. DiNardo, MD;
Helen M. Holtby, MBBS, FRCP(C)

For meeting registration & hotel reservations, please visit
WWW.CCASOCIETY.ORG
**OBJECTIVES**

**Session I: Basic Science & Practical Application: Cardiopulmonary Bypass**

*What's so Bad about Cardiopulmonary Bypass - We do it Every Day? - James A. DiNardo, MD*

Upon completion of this presentation, the participant will be able to:
- Understand the physiological perturbations induced by cardiopulmonary bypass
- Understand the issues of particular concern when young children undergo cardiopulmonary bypass
- Review CCAS/STS database information on national cardiopulmonary bypass practices

**Cardiopulmonary Bypass: Current State-of-the-Art and New Developments - Colleen E. Gruenwald, PhD, CCP*

Upon completion of this presentation, the participant will be able to:
- Understand current trends in pediatric cardiopulmonary bypass management
- Discuss therapeutic interventions that ameliorate the adverse effects of cardiopulmonary bypass
- Learn about new cardiopulmonary bypass technologies and techniques

**Session II: Electrophysiology and Rhythm Disturbances**

*EP Studies: Does Anesthetic Technique Matter? - Aman Mahajan MD, PhD*

Upon completion of this presentation, the participant will be able to:
- Recognize the common rhythm disturbances for which children undergo electrophysiology procedures
- Understand the impact of various anesthetic agents on these abnormal rhythms

**Session VIII: Posters: Viewing and Discussion**

*(Refreshments Provided)*

*Moderators: Robert H. Friesen, MD; Jeremy M. Geiduschek, MD; Robert F. Seal, MD, FRCPC*

**5:00 – 6:00 pm** Posters: Viewing and Discussion

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**Meeting information**

**Education Mission Statement**

The CCAS Meeting will focus on topics of interest to those who provide anesthesia, sedation, pain management, and critical care services to infants and children with heart disease, and adults with congenital heart disease. The overall goals for attendees of the program are to reinforce and enhance their existing fund of knowledge, while introducing them to new and state-of-the-art techniques and information that affect their practice and improve the perioperative care of patients with heart disease.

**Scope & Types of Activities**

The program brings together pediatric experts from clinical and basic science disciplines related to cardiology, anesthesia and cardiac surgery. General topic areas include cardiac anatomy, pathophysiology, anesthesia, echocardiology, electrophysiology, surgery, cardiopulmonary bypass, patient safety, and database resources.

The presentation format includes lectures and reviews. An important part of the program is the presentation of new clinical and basic science research in oral and moderated poster-discussion forums. Significant attendee involvement and feedback are encouraged in all aspects of the program, and will be facilitated by the use of real time computerized audience polling as well as sessions where the audience directly participates in case discussions. Program content is, in fact, the direct result of membership input and extensive audience polling at prior meetings.

**Target Audience**

This program is intended for anesthesiologists and other practitioners who care for children with any form of cardiac disease and adults with congenital heart disease. It is also intended for clinical and basic science researchers whose areas of investigation relate to pediatric cardiac anesthesia.

**Accreditation and Designation**

The Society for Pediatric Anesthesia designates this Live activity for a maximum of 8.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Hotel Information**

Red Rock Casino, Resort & Spa represents the pinnacle in Las Vegas casino resort hotels. Red Rock offers guests an idyllic getaway at the top of one of America’s most vibrant cities. Ideally situated at the entrance to Red Rock Canyon and minutes from the world-renowned Las Vegas Strip, you couldn’t ask for a more exciting place to play, both indoors and out.

*Continued on back cover*
OBJECTIVES, continued

**Management of Perioperative Arrhythmias** - James C. Perry, MD
Upon completion of this presentation, the participant will be able to:
- Recognize common arrhythmias that occur during and after congenital cardiac surgery
- Understand indications and strategies for effective treatment

**Session III: Insights From Recent Literature: 3 Favorite Papers**
Annette J. Davis MB, ChB, FRCA; Peter C. Laussen MBBS; Kenneth M. Brady MD
Upon completion of this presentation, the participant will be able to:
- Review three significant cardiac anesthesia-related articles
- Understand the importance of each article to the anesthetic care of congenital cardiac patients

**Session IV: CCAS Update from the Leadership - Past, Present and Future NON-CME**
Dean B. Andropoulos MD, MHCM; James A. DiNardo MD; Helen M. Holtby MBBS, FRCP(C)
Upon completion of this presentation, the participant will be able to:
- Understand the motivation for forming the CCAS and learn of its achievements
- Learn about recent projects and current issues
- Learn about future initiatives

**Session V: Posters: Selected Oral Presentations**
Upon completion of this presentation, the participant will be able to:
- Learn about new research findings (oral presentations)

**Session VI: Cardiac Care and Patient Safety: An Interactive Session**
David F. Vener MD
Upon completion of this presentation, the participant will be able to:
- Learn about the CCAS/STS database
- Review national adverse events data

**Teamwork: The Challenges, Presentation and Audience Participation** - Calvin Kuan MD; Steve R. Tosone MD
Upon completion of this presentation, the participant will be able to:
- Discuss methods to assess, improve and monitor the performance of cardiac teams

**Session VII: Double Outlet Right Ventricle**
Komal Kamra, MBBS
Upon completion of this presentation, the participant will be able to:
- Overview of the variants that comprise the double-outlet right ventricle spectrum
- Review of the anatomic features that characterize the various forms of lesion
- Review the echocardiographic findings of the pathology with a focus on the intraoperative TEE evaluation

**Surgery for DORV** - Victor O. Morell MD
Upon completion of this presentation, the participant will be able to:
- Review the criteria proposed in the Congenital Heart Surgery Nomenclature and Database Project for double-outlet right ventricle
- Discuss the surgical approaches to double-outlet right ventricle
- Understand surgical results in this lesion

**Perioperative Management of DORV Case** - James P. Spaeth MD
Upon completion of this presentation, the participant will be able to:
- Discuss considerations regarding anesthetic care in the patient with double-outlet right ventricle
- Review national data about DORV from CCAS/STS database

**Session VIII: Posters: Viewing and Discussion**
Upon completion of this presentation, the participant will be able to:
- Learn about the latest research in the field of congenital cardiac anesthesia
- Become familiar with cutting edge approaches in the anesthetic care of patients with congenital heart disease

**FACULTY**

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