California Association of Neonatologists (CAN) and AAP District IX Section on Neonatal-Perinatal Medicine

Cool Topics in Neonatology

25th Annual Conference

Friday, Saturday & Sunday
March 1-3, 2019
Coronado Island Marriott Resort
Coronado, California
### COURSE CHAIR

**Douglas N. Carbine, MD, FAAP**
President, CAN
Clinical Associate Professor of Pediatrics
Uniformed Services University of the Health Sciences
Naval Medical Center San Diego
Department of Pediatrics
Division of Neonatology
San Diego, California

### FACULTY

**Ronald L. Ariagno, MD, FAAP**
Emeritus Professor of Pediatrics at Stanford University
Palo Alto, California

**Fayez Bany-Mohammed, MD**
Professor, School of Medicine
Program Director, Neonatal-Perinatal Medicine Fellowship
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Irvine, California

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Stanford University School of Medicine
Director of NICU
Department of Pediatrics
San Francisco, California

**Robert L. Hess Family Professor of Pediatrics**
Robert R. Hess Family Professor of Pediatrics
Professor Emeritus of Pediatrics
San Francisco, California

**Ohio State University**
Associate Professor of Pediatrics
Ohio State University
Columbus, Ohio

**Susan R. Hintz, MD, MS Epi**
Robert R. Hess Family Professor of Pediatrics
Ohio State University
Columbus, Ohio

**Robert Hess**
Robert R. Hess Family Professor of Pediatrics
Ohio State University
Columbus, Ohio

**Alistair G.S. Philip, MD, FRCPE**
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University of California, San Francisco
San Francisco, California

**Lisa Chamberlain, MD**
Assistant Professor of Pediatrics
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San Francisco, California

**Kristin Herman, MD**
Associate Clinical Professor
UC Davis Medical Center
Sacramento, California

**Mark Hudak, MD**
Professor and Chairman of Pediatrics
University of California, San Francisco
San Francisco, California

**Anup Katheria, MD**
Director, Neonatal Research Institute
Sharp Mary Birch Hospital for Women and Newborns
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**Ashwini Lakshmanan, MD, MPH**
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Division of Maternal Child Health
Los Angeles, California

**Karen M. Puopolo, MD, PhD**
Chief, Section on Newborn Medicine
Pennsylvania Hospital Associate Professor of Pediatrics
University of Pennsylvania
Perelman School of Medicine
Philadelphia, Pennsylvania

**Howard Stein, MD, FAAP**
Professor of Pediatrics, University of Toledo College of Medicine and Life Sciences
Medical Director NICU, ProMedica Toledo Children's Hospital
Toledo, Ohio

**Robin Steinborn, MD**
Senior Vice President, Children's National Medical Center
Professor of Pediatrics, George Washington University
Washington, District of Columbia

**Theophil A. Stokes, MD**
Department of Pediatrics
Walter Reed National Military Medical Center
Associate Clinical Professor of Pediatrics
Uniformed Services University of the Health Sciences
Bethesda, Maryland

**Kristi Watterberg, MD**
Professor of Pediatrics/Neonatology
University of New Mexico Health Sciences Center
Albuquerque, New Mexico

**Martin Keszler, MD**
Professor of Pediatrics
Alpert Medical School of Brown University
Division of Neonatology
Rhode Island Providence, Rhode Island

**Jae H. Kim, MD, PhD**
Professor of Clinical Pediatrics
Nutrition Director, SPIN Program
Division of Neonatology and Pediatric Gastroenterology, Hepatology and Nutrition
University of California, San Diego
San Diego, California

**Alexandra Oschman, PharmD, BCPPS**
Neonatal Critical Care Specialist
Children's Mercy Hospital Kansas City
Kansas City, Missouri

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Palo Alto, California

**Alice Pong, MD**
Clinical Professor of Pediatrics
University of California, San Diego
Rady Children's Hospital San Diego
San Diego, California

**Robert A. Ballard, MD**
Professor of Pediatrics, UCSF
School of Medicine and Professor Emeritus of Pediatrics and Ob/Gyn
CHOP/University of Pennsylvania
Philadelphia, Pennsylvania

**Ronnie Guillet, MD, PhD**
Professor of Pediatrics (Neonatology)
Golisano Children's Hospital
University of Rochester
Rochester, New York

**Lisa Chamberlain, MD**
Assistant Professor of Pediatrics
University of Pennsylvania
Philadelphia, Pennsylvania

**Robert L. Hess Family Professor of Pediatrics**
Robert R. Hess Family Professor of Pediatrics
Professor Emeritus of Pediatrics
San Francisco, California

**Shirley Shelton**
Health Program Manager
Black Infant Health Program
Maternal and Infant Health Branch
Health Division
Sacramento, California

**Paul Wise, MD, MPH**
Richard E. Behrman Professor in Child Health
Professor, Pediatrics - Neonatal and Developmental Medicine
Stanford University
Palo Alto, California

**Martha Keszler, MD**
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University of New Mexico Health Sciences Center
Albuquerque, New Mexico
General Information

Location
Coronado Island Marriott Resort
2000 Second Street
Coronado, CA 92118
(619) 435-3000

Enrollment
Enrollment is limited; we suggest you enroll early.

By Mail – Send the completed enrollment form to:
Office of Continuing Medical Education
Cool Topics in Neonatology
David Geffen School of Medicine at UCLA
10920 Wilshire Boulevard, Suite 1060
Los Angeles, CA 90024-6512

Online – Use your MasterCard, Visa, Discover, or
American Express card. Go to www.cme.ucla.edu and click on Cool Topics in Neonatology.

By Phone – Use your MasterCard, Visa, American Express
or Discover card. Call (310) 794-2620.

By Fax – Fax the enrollment form with charge card information and your authorizing signature to (310) 794-2624.

Accommodations
A block of rooms has been reserved at the Coronado Island Marriott Resort at seminar rates: $259 single or double occupancy plus state and local taxes. One night’s deposit is required. Confirmation of reservations received after Thursday, February 7, 2019 is subject to availability.

There is always the possibility the room block might sell out prior to February 7, 2019 in which case rooms will be sold at a higher rate based on availability and/or you will be referred to another hotel.

For more information and reservations call (800) 228-9290 or (619) 435-3000. Indicate that you are attending the Cool Topics in Neonatology program in order to receive conference rates. You may book online at http://www.marriott.com/sanci. Click on special rates & awards. The group code is CANCANA.

It is strongly advised that you make room reservations early.

Refunds
Cancellations must be received in writing by February 1, 2019 and will be subject to a $75 processing fee. No refunds will be given after that date. If for any reason the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

Accreditation
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 12 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California State Board of Registered Nursing accepts courses approved by the AMA for Category 1 credit as meeting the continuing education requirements for license renewal. Nurses from states other than California should inquire with their local state board for specific continuing education policies.

Disclosure
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.

General Information

The 2019 CAN meeting is environmentally friendly!
The syllabus for the conference will be posted online during the meeting. You will also be able to download the syllabus prior to the meeting. Please note there are no electrical outlets at the conference tables. Make sure your laptop or tablet is fully charged each day.
Non-CME Workshop

Neonatology Point-of-Care Ultrasound (POCUS) Workshop
Sunday, March 3, 2019 • 12:30 pm - 5:00 pm

Chair: Jae Kim, MD, PhD, UC San Diego Jacobs Medical Center & Rady Children’s Hospital of San Diego

This is a didactic/hands-on workshop to promote neonatology point-of-care ultrasound. The workshop is aimed at increasing the adoption of these emerging practices in neonatology and facilitating the foundational basis for new (especially fellows) and intermediate learners to acquire or improve their ultrasound skills. We will start with a working lunch introduction with box lunches provided after the main CAN session has completed. We will provide didactic lectures that include basics of ultrasound, cardiac views, non-cardiac views, and clinical applications/scenarios. At least half of the workshop will offer hands-on learning at teaching stations to cover cardiac, non-cardiac and clinical applications. An ample number of instructors and live models will be present to provide a solid practical experience for participants. Additional focus this year will be in providing preparatory aids to supporting POCUS at your home institution.

REGISTRATION FOR THIS WORKSHOP IS SEPARATE FROM THE COOL TOPICS IN NEONATOLOGY MEETING.

Registration for the workshop is only accepted online at http://www.cme.ucla.edu click on Cool Topics in Neonatology; then click on the workshop button. The fee is $150 (includes box lunch) and there is no refund. Space is limited to 30 participants and applications will be accepted on a first come, first served basis. Attendees who register and pay will receive a separate confirmation for the workshop which will guarantee entrance. Open to Cool Topics attendees only.

Fee: $150 (Fellows’ fee: $75)

Coronado Island Marriott Resort

The Coronado Island Marriott Resort is only 20 minutes from the San Diego airport and a short water ferry ride to downtown San Diego. There are 300 rooms, villas, and suites set along 16 waterfront acres of San Diego Bay, offering sweeping views of the water and downtown skyline.

Recreational amenities are plentiful. Sailing, waterskiing and deep-sea fishing are available from the private pier. Golf is just across the boulevard at Coronado’s 18-hole championship course.

Suggested activities in the San Diego area include:

- San Diego Zoo
- San Diego Wild Animal Park
- Gaslamp Quarter
- Seaport Village
- Old Town San Diego
- Balboa Park
- Point Loma Lighthouse & Cabrillo National Monument
DESCRIPTION
The 2019 California Perinatal Quality Care Collaborative (CPQCC) workshop titled “CPQCC at Cool Topics in Neonatology” will focus on reducing disparities in care for California’s most vulnerable mothers and infants. Lessons from around the State of California will be shared with regard to disparities in the areas of maternal, neonatal and the transition to home.

COURSE OBJECTIVES
At the conclusion of the program, participants should be able to:
• Identify disparities related to breastfeeding and strategies to reduce
• Describe the role of race in the response to iNO to prevent BPD in the preterm infant
• Identify strategies to reduce disparities after NICU discharge

FEES
$125 Individual with Site Team
$150 Individual

TARGET AUDIENCE
The California Perinatal Quality Care Collaborative (CPQCC) workshop is geared toward multidisciplinary teams of caregivers from neonatal units that include: neonatologists, pediatricians, neonatal nurse practitioners, registered nurses with ancillary staff, as well as hospital risk management and quality improvement specialists who can implement change in the management of the topics presented.

ACCREDITATION
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Friday, March 1, 2019
2019 CPQCC at Cool Topics in Neonatology: Closing the Gap: Reducing Disparities in Care for California’s Most Vulnerable Mothers and Infants
8:00 am - 4:00 pm

CPQCC at Cool Topics in Neonatology Program

7:15 Registration and Continental Breakfast
8:00 Welcome and Introductions

MATERNAL DISPARITIES

8:15 Building a Movement to Reduce Breastfeeding Disparities
Robbie Gonzalez-Dow, MPH, RD, CLE

8:45 CPQCC Disparities Update
Cathie Markow, BSN, MBA

9:15 Reducing Preterm Births in California
Diana E. Ramos, MD, MPH

9:45 Panel Discussion

10:05 Break

CLINICAL DISPARITIES

10:20 Black Infant Health Program
Shirley Shelton

10:50 The Role of Race in the Response to iNO to prevent BPD in the Preterm Infant
Roberta A. Ballard, MD

11:20 The Important Role of the Parent Advisory Council in Improving Neonatal Care: A Mother’s Perspective
Jeanneth Madrid, BS

11:50 Panel Discussion

12:05 Lunch

1:05 Disparities in Transitioning to Home/HRIF
Ashwini Lakshmanan, MD, MPH

1:35 Policy and Disparities
Paul Wise, MD, MPH

2:05 Advocacy and Disparities
Lisa Chamberlain, MD, MPH

2:35 Panel Discussion

2:55 Break

3:10 CPQCC HRIF Update
Susan R. Hintz, MD, MS Epi

3:40 Panel Discussion

4:00 Adjourn
Neonatology Fellows’ Workshop 2019 • 8:30 am - 3:30 pm

DESCRIPTION
The Section on Perinatal Pediatrics District IX and the California Association of Neonatologists are pleased to sponsor the 15th annual workshop for California neonatology fellows titled Life After Fellowship: Exploring Career Opportunities and Practical Considerations for New Neonatologists. The workshop is designed to provide neonatology fellows and new neonatologists with the information that they will need to make career choices for practicing neonatology as well as exploring the non-clinical elements of practice, including exploring different practice models, the business of neonatology, finding a job, work/life balance and personal wellness, women in neonatology, practical financial planning, professionalism and conflict resolution in the workplace. The workshop will emphasize small group participation and discussion. Expert faculty will conduct this workshop. Enrollment is open to all neonatology fellows in California, but will be limited to approximately 30 participants. New neonatologists within two years of completing their fellowship will also be welcome to attend if space is available. Pre-registration is required.

PROGRAM DIRECTOR
Rangasamy Ramanathan, MD
Professor of Pediatrics
Division Chief, Neonatal Medicine,
LAC+USC Medical Center
Director, NPM Fellowship Program and
NICU
Keck School of Medicine of University of Southern California
Los Angeles, California

PROGRAM COMMITTEE
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Medical Director, Lactation Services
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Co-Director Perinatal Research Center
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Fiona Wertheimer, DO
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Director of Normal Nursery
LAC+USC Medical Center
Keck School of Medicine of University of Southern California
Los Angeles, California

Friday, March 1, 2019

Cool Topics in Neonatology
25th Annual Conference

Please note that the evening format includes a reception and poster session followed by an exciting keynote lecture.

EVENING SCHEDULE
4:00-6:00 pm
Reception and Poster Session
*Abstracts of general neonatology interest and reports of team-based quality improvement will be presented. Authors will be available for discussion.

5:30
Poster Symposium and Presentation of the David Wirtschafter Award
Selected abstracts will be presented to the audience

6:00
KEYNOTE LECTURE
Changes in Neonatology in the Past 50 years
Alistair G.S. Philip, MD, FRCPE

7:00-8:00 pm
Reception Continues
*For abstract information, go to www.choc.org/canabstracts2019
Cool Topics in Neonatology
25th Annual Conference

This is the twenty-fifth annual conference presented by the California Association of Neonatologists (CAN) and the AAP District IX Section on Neonatal-Perinatal Pediatrics. Internationally recognized speakers will present important clinical topics.

Target Audience
Neonatologists and neonatal nurse practitioners

Course Objectives
At the conclusion of this course, participants should be able to:
• Identify the complex ethics of resuscitation decisions for babies born at the edge of viability
• Review state-of-the-art volume targeted ventilation strategies
• Apply the latest strategies for the prevention and treatment of BPD
• Identify the complexities of new drug development and drug therapies in the NICU

Saturday, March 2, 2019

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Registration, Continental Breakfast and Exhibits</td>
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<tr>
<td>7:50</td>
<td>Welcome and Opening Remarks</td>
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<td></td>
<td>Douglas N. Carbine, MD, FAAP</td>
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<td>Moderator: Douglas N. Carbine, MD, FAAP</td>
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<tr>
<td>8:00</td>
<td>Ethical Decision-Making at the Edge of Viability: Why Simple Rules Don't Apply</td>
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<td>Theophil A. Stokes, MD</td>
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<td>8:45</td>
<td>Neonatal Seizures</td>
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<td>Hannah C. Glass, MDCM, MAS</td>
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<td>9:15</td>
<td>Panel Discussion</td>
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<td>Moderator: Ronald S. Cohen, MD, FAAP</td>
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<td>10:00</td>
<td>Prenatal Genetic Testing</td>
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<td>Kristin Herman, MD</td>
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<td>10:30</td>
<td>Panel Discussion</td>
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<td>10:45</td>
<td>Break/Visit Exhibits</td>
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<td>Moderator: Douglas N. Carine, MD, FAAP</td>
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<tr>
<td>11:15</td>
<td>Post-Natal CMV Infection</td>
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<td>Karen M. Puopolo, MD, PhD</td>
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<td>11:45</td>
<td>Return of Syphilis</td>
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<td>Alice Pong, MD</td>
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<td>12:15</td>
<td>Panel Discussion</td>
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<td>12:30</td>
<td>Lunch/Annual CAN Business Meeting</td>
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<td></td>
<td>Moderator: Douglas N. Carine, MD, FAAP</td>
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<td>1:30</td>
<td>Volume-Targeted Ventilation</td>
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<td>Martin Keszler, MD</td>
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<td>2:00</td>
<td>NAVA in Neonates</td>
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<td>Howard Stein, MD, FAAP</td>
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<td>2:45</td>
<td>Break/Visit Exhibits</td>
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<td>Moderator: Ronald S. Cohen, MD, FAAP</td>
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<td>3:15</td>
<td>BPD vs. CPIP: How Should We Think about Chronic Lung Disease in Premature Infants?</td>
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<td>Robin Steinhorn, MD</td>
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<td>3:45</td>
<td>BPD Beyond Dexamethasone: Alternative Systemic Steroids, Topical Steroids, and Montelukast</td>
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<td>Kristi Watterberg, MD</td>
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<td>4:15</td>
<td>Unparsing the Role of Nutrition in BPD</td>
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<td>Jae H. Kim, MD, PhD</td>
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<td>4:45</td>
<td>Panel Discussion</td>
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<td>5:00</td>
<td>Adjourn</td>
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Sunday, March 3, 2019

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<thead>
<tr>
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<tbody>
<tr>
<td>7:00</td>
<td>Continental Breakfast and Visit Exhibits</td>
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<tr>
<td>7:50</td>
<td>Introduction</td>
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<td>Moderator: Fayez Bany-Mohammed, MD</td>
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<tr>
<td>8:00</td>
<td>Challenges for Neonatology to Obtain Approval of “Off Label” and New Therapies</td>
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<td>Ronald L. Ariagno, MD, FAAP</td>
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<td>8:45</td>
<td>Neonatal Drug-Related Events</td>
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<td>Alexandra Oschman, PharmD, BCPPS</td>
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<td>9:15</td>
<td>Useless Drug Therapies in the NICU</td>
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<td>Mark Hudak, MD</td>
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<td>10:00</td>
<td>Discussion</td>
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<td>Moderator: Douglas N. Carine, MD, FAAP</td>
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<tr>
<td>10:45</td>
<td>Neonatal AKI: Diagnosis, Risks, Outcomes</td>
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<td>Ronnie Guillet, MD, PhD</td>
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<tr>
<td>11:15</td>
<td>Management of Neonatal IVH 2019</td>
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<td>Michael S. B. Edwards, MD, FAANS, FACS, FAAP</td>
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<td>11:45</td>
<td>The Artificial Placenta</td>
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<td>Alan W. Flake, MD</td>
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Application for Enrollment

Cool Topics in Neonatology  
25th Annual Conference  

CPOCC Workshop
☐ Individual with Site Team: $125  ☐ Individual: $150

Cool Topics in Neonatology Conference
☐ CAN Members: $350
☐ Non-CAN Members: $450 (includes 1 year membership in CAN)
☐ Nurses: $250 (includes 1 year membership in CAN)
☐ Fellows/Residents: $75

_________ TOTAL

Last four digits of your Social Security Number

Name (First, Middle, Last) Degree

Preferred Mailing Address

City/State/Zip Country

Area Code/Daytime Phone Fax

Field of Practice Hospital Affiliation

E-mail Address

Form of Payment
☐ Check enclosed, payable to Regents of the University of California
☐ Charge ☐ American Express ☐ Visa ☐ MasterCard ☐ Discover

Card Number

Name of Cardholder

Authorizing Signature Expiration Date

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http://www.cme.ucla.edu