

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

Cool Topics in Neonatology

24th Annual Conference

Friday, Saturday & Sunday
March 2-4, 2018
Coronado Island Marriott Resort
Coronado, California



CME OFFICE OF
CONTINUING
MEDICAL
EDUCATION

DAVID GEFEN SCHOOL OF MEDICINE at **UCLA**

Friday, March 2, 2018

2018 CPQCC at Cool Topics in Neonatology: Reducing Variability in Practice 8:00 am - 4:00 pm

DESCRIPTION

The 2018 California Perinatal Quality Care Collaborative (CPQCC) workshop titled "CPQCC at Cool Topics in Neonatology" will focus on reducing variability in neonatal practice. Lessons from around the State of California will be shared with regard to neonatal abstinence syndrome, cardiac screening and antibiotic stewardship. In addition, erythropoiesis and neurodevelopmental outcomes will be presented and discussed.

COURSE OBJECTIVES

At the conclusion of the program, participants should be able to:

- Identify strategies to optimize non-pharmacologic and pharmacologic management of neonatal abstinence syndrome
- Describe the benefit of utilizing clinical vignettes in identifying variation in physician practice
- Review the neuroprotective mechanisms of ESAs on the term infant brain

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.

FEES

\$125 Individual with Site Team

\$150 Individual

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 7 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CPQCC at Cool Topics in Neonatology Program

7:15 **Registration and Continental Breakfast**

8:00 **Welcome and Introductions**

Erythropoiesis and Neurodevelopmental Outcomes

8:10 **Neuroprotective Effects of ESAs in Preterm Infants**
Robin Ohls, MD

8:40 **Update on Erythropoiesis Stimulating Agents with Cooling for HIE**
Carlos Botas, MD

9:10 **Panel Discussion**

9:30 **Break**

Antibiotic Stewardship – CPQCC Update

9:45 **Antibiotic Stewardship – The CPQCC Experience**
Courtney Nisbet, RN, MS

10:00 **Use of Vignettes to Identify Early Onset Sepsis Management Variation**
Kurlen Payton, MD

10:20 **SPC Charting**
Joseph Schulman, MD, MS

10:40 **Panel Discussion**

11:00 **CPQCC Research/Data Updates**
Henry C. Lee, MD

11:15 **CPQCC "Push" Reports: What Are We Planning? What Do You Need?**
David Braun, MD

11:45 **Lunch**

Learning from Around the State of California Neonatal Abstinence Syndrome

12:45 **Management of Neonatal Abstinence Syndrome**
Lisa Chyi, MD

1:15 **The Impact of Neonatal Abstinence Syndrome: Translating Medical Protocols into Nursing Practice**
Adrienne McIntyre, MS, RNC-NIC, CNS

1:45 **Panel Discussion**

2:00 **Precedex Weaning in Neonates: A Review of Use, Dosing, and Weaning Complications**
Richard Song, MD; Amy Kimball, MD; and Jennifer Kimmel, MSN, NNP-BC

Cardiac (CCHD) Screening

2:20 **Current State of Screening for Critical CHD in California and Opportunities for Improvement**
Donna A. Goff, MD, MS

2:40 **Congenital Cardiac Screening Family Experience**
Larry Peltier, M.Div.

3:00 **Panel Discussion**

3:15 **CPQCC Variation in NICU Inborn Admissions**
David Braun, MD; Jochen Profit, MD, MPH; and Joseph Schulman, MD, MS

3:30 **Panel Discussion**

3:40 **CPQCC Nutritional Support of the VLBW Infant Toolkit Update**
Nancy Wight, MD, IBCLC, FABM, FAAP

4:00 **Adjourn**

Friday, March 2, 2018

Neonatology Fellows' Workshop 2018 • 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 14th annual workshop for California neonatology fellows, **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. An 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.

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Friday, March 2, 2018

Cool Topics in Neonatology 24th 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

An Evidence-Based Approach to Early Onset Sepsis: Finding a Needle in a Haystack

Richard A. Polin, MD

7:00-8:00 pm

Reception Continues

*For abstract information, go to www.choc.org/can-abstracts

Cool Topics in Neonatology

24th Annual Conference

This is the twenty-fourth 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:

1. Identify new approaches to decrease antibiotic exposure for term newborns at risk
2. Assess challenges facing the future of neonatology in our changing demographics
3. Recognize the importance of nutrition and the microbiome in necrotizing entero-colitis
4. Apply newer data to the evolving management of the patent ductus

Saturday, March 3, 2018

7:00 **Registration, Continental Breakfast, and Visit Exhibits**

7:50 **Welcome and Opening Remarks**

Ronald S. Cohen, MD, FAAP

Moderator: *Richard A. Polin, MD*

8:00 **Chorioamnionitis Exposed Neonates and Antibiotic Stewardship**

Rowena G. Cayabyab, MD, MPH

8:30 **The Kaiser Permanente Early Onset Sepsis Calculator: A Quantitative Approach to Reduce Unnecessary Antibiotic**

Michael W. Kuzniewicz, MD, MPH

9:00 **Discussion**

Moderator: *Richard A. Polin, MD*

9:15 **Utilizing Clinical Presentation to Guide Treatment Decisions in Neonates at Risk for Early Onset Sepsis**

Adam Frymoyer, MD

9:45 **Current Issues in Reproductive Health: Zika Virus, Pregnancy, and Congenital Zika**

Yvonne A. Maldonado, MD

10:00 **Panel Discussion**

10:15 **Break/Visit Exhibits**

10:45 **Antibiotic Stewardship: The CPQCC Experiment**

Paul Sharek, MD, MPH

11:15 **Diagnosing NEC: Implications for Medical and Surgical Management**

Karl G. Sylvester, MD

11:45 **Panel Discussion**

12:15 **Lunch/Visit Exhibits**

Moderator: *Ronald S. Cohen, MD, FAAP*

1:15 **Human Milk and Probiotics in the Prevention of NEC**

Mark A. Underwood, MD, MAS

1:30 **Biomarkers and Biology of NEC**

Karl G. Sylvester, MD

1:50 **Neonatal Hypoglycemia Update**

Paul Rozance, MD

2:25 **Panel Discussion**

2:45 **Break/Visit Exhibits**

3:15 **The Future of Neonatology in an Aging America**

Paul H. Wise, MD, MPH

4:00 **Mapping the Human Immune Response to Pregnancy, One Cell at a Time**

Brice Gaudillière, MD, PhD

4:40 **Tissue Oxygenation: Bedside Monitoring Prospects with NIRS**

Valerie Y. Chock, MD, MS Epi

5:00 **Discussion**

5:15 **Adjourn**

Sunday, March 4, 2018

7:00 **Continental Breakfast and Visit Exhibits**

7:50 **Introduction**

Ronald S. Cohen, MD, FAAP

Moderator: *Ronald S. Cohen, MD, FAAP*

8:00 **How to Save a Million Babies**

Wally A. Carlo, MD

8:40 **The Evolution of CPAP**

Thomas N. Hansen, MD

9:20 **Are We Ready for ALPS?**

Paul Rozance, MD

10:00 **Discussion**

10:15 **Break/Visit Exhibits**

Moderator: *Douglas N. Carbine, MD*

10:45 **PDA in Preterm Infants: Unexplored Territory**

William Benitz, MD

11:15 **Genetics Analysis of Patent Ductus Arteriosus**

John M. Dagle, MD, PhD

11:45 **PDA Management Is Changing - What About Its Outcomes?**

James I. Hagadorn, MD, MSc

12:15 **Discussion**

12:30 **Adjourn**

Application for Enrollment

Cool Topics in Neonatology

24th Annual Conference

M178-5

CPQCC Workshop

Individual with Site Team: \$125 Individual: \$150

Cool Topics in Neonatology Conference

CAN Members: \$300

Non-CAN Members: \$400 (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

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Authorizing Signature

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Please visit our website for other UCLA CME offerings.
<http://www.cme.ucla.edu>

Cool Topics Faculty

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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: \$252 single or double occupancy plus state and local taxes. One night's deposit is required. Confirmation of reservations received after Thursday, February 1, 2018 is subject to availability.

There is always the possibility the room block might sell out prior to February 1, 2018 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 uclucla.

It is strongly advised that you make room reservations early.

Conference Parking

Self parking is \$15 per day
Valet parking is \$35 per day

Refunds

Cancellations must be received in writing by February 1, 2018 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.

The 2018 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 4, 2018 • 12:30 pm - 5:00 pm

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

We have assembled a didactic/hands-on workshop on the increasing use of neonatology operated bedside ultrasound. The workshop is aimed at increasing the adoption of these emerging practices in neonatology and facilitate the foundational basis for new 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. The second half of the workshop will offer close learning at several teaching stations that will 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.

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 serve 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

