NeoPREP®
An Intensive Review and Update of Neonatal - Perinatal Medicine
Sponsored by the American Academy of Pediatrics (AAP) and the AAP Section on Neonatal - Perinatal Medicine

Now with 40 MOC Part 2 Points!
The Self-Assessment portion of this course is approved for 40 points of MOC Part 2 credit by the American Board of Pediatrics through the AAP MOC Portfolio Program.

Earn a Maximum of 51.25 AMA PRA Category 1 Credits™

Register online at shop.aap.org/neoprep2018
or call 866/843-2271
WHAT IS NEOPREP®?

NeoPREP® is a 7-day intensive review of neonatal-perinatal medicine that emphasizes physiology and pathophysiology of neonatal conditions and the scientific basis for the clinical practice of neonatology. The course content is guided by the American Board of Pediatrics (ABP) Neonatal-Perinatal Content Specifications Outline and is appropriate for individuals preparing for the ABP neonatal-perinatal subspecialty examination or the ABP Maintenance of Certification (MOC).

NeoPREP® emphasizes a learner-centered, educational approach featuring lectures, audience response question-and-answer sessions, case-based problem solving discussions, and mock-review question sessions. Master educators and Experts in neonatal medicine provide comprehensive coverage of neonatal-perinatal medicine and balanced views of the more controversial issues that support clinical care of neonates. A comprehensive electronic syllabus will be provided to each participant.

YOU SHOULD ATTEND NEOPREP® IF YOU ARE

- A neonatology fellow or neonatologist who desires a comprehensive review of neonatal medicine as part of your preparation for the initial board certification examination in neonatal-perinatal medicine administered by the American Board of Pediatrics (ABP)
- An experienced neonatologist who desires a comprehensive review of neonatal medicine to enhance clinical care and/or as part of their preparation for the neonatal-perinatal medicine subspecialty Maintenance of Certification exam administered by the ABP
- A pediatrician, nurse practitioner, physician assistant, or allied health professional who desires a comprehensive review and update of neonatal medicine

UNIQUE COURSE HIGHLIGHTS

- Updated lectures guided by the revised 2016 ABP content specifications
- Audience Response Sessions to keep learners engaged
- Case-based interactive sessions that include calculations and visual diagnosis
- Concurrent Breakout Sessions (so learners can choose sessions to enhance either Core Knowledge or Beyond the Boards Clinical Decision Making)
- Access to faculty who are both master educators and leaders in neonatology

COURSE OBJECTIVES

Upon completion of the NeoPREP® course, you will be better able to:

- Integrate knowledge of physiology, pathophysiology, and evidence-based treatments into the practice of neonatal-perinatal medicine
- Diagnose and manage complex or difficult neonatal-perinatal cases through interactive case analysis
- Discuss neonatal-perinatal practice issues through informal learning in group case-based discussion sessions, interaction with faculty, and networking opportunities with peers

REGISTRATION

Using your VISA, MasterCard, American Express, or Discover, you can register online at shop.aap.org/neoprep2018, or call toll-free 866/843-2271. Outside the United States and Canada, call 847/434-4000, option 3.

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<thead>
<tr>
<th>REGISTRANT TYPE/FEES</th>
<th>U.S. Currency</th>
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<tr>
<td>Printed Syllabus</td>
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Fees subject to change without notice.
WESTIN BUCKHEAD ATLANTA
3391 Peachtree Road NE
Atlanta, GA 30326
Direct: 404/365-0065
http://www.westinbuckheadatlanta.com/

Special group rates beginning at $189 per night, plus tax, for single or double occupancy, have been negotiated at The Westin Buckhead Atlanta. These rates represent substantial savings from published rates. The cutoff date for reservations at the group rate is December 20, 2017. Call to make your reservations or visit https://www.stanwoodmeeting.com/Book/AAPNeoPrepJanuary2018. A limited number of guest rooms have been reserved, and they are assigned based on availability (first-come, first-served). Please be aware that the room block may be filled prior to December 20, 2017; in such a case, neither the group rate nor guest room availability can be guaranteed. The AAP, therefore, recommends that you make your reservations as early as possible.

CANCELLATIONS
Cancellations must be received by January 5, 2018 to receive a refund. An administrative charge of $50 will be deducted.

SPECIAL NEEDS
The AAP is sensitive to the special needs of its attendees. Please indicate any special needs accommodations on your registration form (e.g., breastfeeding accommodations, dietary restrictions, physical disabilities).

SYLLABUS
Syllabus materials for this course will be available to all attendees online for download in advance of the course. If you would like to receive a printed copy of the syllabus, it can be ordered for $250 by the course’s early bird deadline and will be available for pick up at the AAP course registration desk onsite. A limited number of printed syllabi will be available for purchase onsite for $495, but availability cannot be guaranteed.

COURSE SCHEDULE AND DETAILED INFORMATION
To view the full course schedule, instructions for claiming MOC Part 2 points, and detailed hotel and travel information, please visit shop.aap.org/neoprep2018.
SATURDAY, JANUARY 20, 2018
THEME: Maternal Fetal Medicine / Genetics
- Optimizing Test Success
- Maternal and Placental Physiology
- Maternal Conditions Affecting the Fetus and Newborn
- ARS Rapid Review: Maternal Fetal Medicine
- Antepartum Fetal Surveillance
- Labor and Delivery
- ARS Rapid Review: Labor/Delivery
- Asphyxia and Resuscitation
- Inherited Patterns of Genetic Conditions
- Approach to the Infant with Congenital Anomalies
- Pre- and Post-natal Genetic Testing
- ARS Case Vignettes: Recognize That Disorder and Order the Correct Test
- BONUS SESSION: Exploring Ethical Dilemmas - Genetic Testing and Care of Infants with Congenital Anomalies

SUNDAY, JANUARY 21, 2018
THEME: Cardiology / Nutrition
- Cardiac Development and Physiology
- Congenital Heart Disease
- Growth and Essential Nutrient Requirements
- Parenteral Nutrition
- Enteral Nutrition and Breast Milk
- ARS CALCULATIONS: Essential Nutritional Concurrent Breakout Sessions
  - Core Knowledge Track
    - ARS CALCULATIONS: Cardiology Case Based Vignettes
    - Concise Review: Jaundice
    - Concise Review: Apnea of Prematurity
  - Beyond the Boards Pearls for Clinical Practice Track
    - Feeding Delimmas Among Extremely Low Birth Weight Infants
    - Current Controversies in the Delivery Room
- BONUS SESSION: Visual Diagnosis – Neonatal Cutaneous Disorders

MONDAY, JANUARY 22, 2018
THEME: Congenital Heart Disease / Pulmonary
- EKG and Arrhythmias
- Salt, Water, and Thermal Regulation
- Lung Development and What Could Go Wrong
- Surfactant Biology and RDS
- Other Causes of Respiratory Distress
- Bronchopulmonary Dysplasia
- ARS Rapid Review: Pulmonary Physiology
- ARS CALCULATIONS: Respiratory Physiology
- Persistent Pulmonary Hypertension of the Newborn
- Invasive and Noninvasive Mechanical Ventilation
- ARS CALCULATIONS: Ventilators
- BONUS SESSION: Discussion and Debate Regarding Challenging Clinical Management - Extremely Low Birth Weight Panel 1

TUESDAY, JANUARY 23, 2018
THEME: Endocrine / Renal
- Physiology and Management of Calcium, Phosphorous, and Magnesium
- Congenital Adrenal Hyperplasia and Disordered Sexual Differentiation: A Case Based Discussion
- Glucose Metabolism-Highs and Lows
- Inborn Errors of Metabolism: A Symptom-Based Approach
- ARS Midway Review with Lunch
- Normal and Abnormal Renal Development
- Acquired Renal Injury
WEDNESDAY, JANUARY 24, 2018

**THEME: Infectious Diseases / Pharmacology**

- Why Premies Are at High Risk of Infections
- Common Viral Infections in Neonates
- Bacterial Infections
- Prevention of Hospital-Acquired Infections (and also, Immunizations)
- ARS Rapid Review: Infectious Diseases
- Statistics and Research Design

**Concurrent Breakout Sessions**

- **Core Knowledge Track**
  - ARS Case Vignettes: Thyroid, Retinopathy of Prematurity and other Favorites
  - Test Your Knowledge: Statistics
  - Test Your Knowledge: Research Design
- **Beyond the Boards Pearls for Clinical Practice Track**
  - PDA in Preterm Infants: To treat or not to treat
  - Surfactant Therapy: Evidence Based Practice in 2018
  - Red Cell and Platelet Transfusions in Neonates: Myths and Realities

- **BONUS SESSION:** Discussion and Debate Regarding Challenging Clinical Management - Extremely Low Birth Weight Panel 2

THURSDAY, JANUARY 25, 2018

**THEME: Neurology / Blood / Gastrointestinal**

- Brain Development: Normal and Abnormal
- Neonatal Neurological Exam and Recognizing Signs of Injury or Abnormalities
- Brain Injury in Term Infants
- Preterm Brain Injury: Hemorrhage, Cysts and Leukomalacia
- Neonatal Seizures
- ARS Rapid Review: Neurology

- Neurodevelopment and Outcomes
- Neonatal Abstinence Syndrome
- Red Blood Cells and Transfusions
- Platelets and Coagulation
- ARS Rapid Review: Neurodevelopment, Hematology/Oncology
- ARS: Comprehensive Review

FRIDAY, JANUARY 26, 2018

**THEME: Gastrointestinal / Pharmacology**

- Development Abnormalities of the Gastrointestinal Tract
- Acquired Disorders of the Gastrointestinal Tract
- Liver Disease of the Newborn
- Guiding Principles of Neonatal Pharmacology
- ARS: Final Assessment

**SCHEDULE AND FACULTY**

We strive to improve the quality of your educational experience; schedules are subject to change, and the AAP may substitute faculty with comparable expertise on rare occasions necessitated by illness or scheduling conflicts.

Please visit shop.aap.org/neoprep2018 for schedule, faculty, and session updates.
2018 PLANNING GROUP

Kelly Wade, MD, PhD, MSCE, FAAP, Chair
Philadelphia, Pennsylvania

Renate D. Savich, MD, FAAP, Immediate Past Chair
Jackson, Mississippi

Namasivayam Ambalavanan, MD, FAAP
Birmingham, Alabama

Sailaja Ghanta, MD, FAAP
Boston, Massachusetts

Jay P. Goldsmith, MD, FAAP
New Orleans, Louisiana

Lily Lou, MD, FAAP
Anchorage, Alaska

James Moore, MD, PhD, FAAP
Hartford, Connecticut

Diane D. Warner, MD, MPH, FAAP
Coeur d’Alene, Idaho

COURSE SPONSORS

American Academy of Pediatrics (AAP)
The AAP is an organization of 66,000 primary care pediatricians, pediatric medical subspecialists, and pediatric surgical subspecialists committed to the attainment of optimal physical, mental, and social health and well-being for all infants, children, adolescents, and young adults.

AAP Section on Neonatal-Perinatal Medicine
The Section was formed for the purpose of improving the care of newborn infants and fetuses, pregnant women and their families by providing an educational forum for the discussion of problems relating to neonatal medicine, pregnancy, and parturition.

For more information on the AAP or the AAP Section on Neonatal-Perinatal Medicine, visit www.aap.org.

FACULTY

Ira Adams-Chapman, MD
Atlanta, Georgia

Shawn Ahlfeld, MD, FAAP
Cincinnati, Ohio

Laurie Armsby, MD, FSCAI, FAAP
Portland, Oregon

William Bonitz, MD, FAAP
Palo Alto, California

Kim Boggess, MD
Chapel Hill, North Carolina

Dara Brodsky, MD, FAAP
Boston, Massachusetts

Melissa Carabajal, MD, FAAP
Houston, Texas

David A. Clark, MD, FAAP
Albany, New York

Avroy A. Fanaroff, MD, FAAP
Cleveland, Ohio

Munish Gupta, MD, MMSc, FAAP
Boston, Massachusetts

Heidi E. Karpen, MD, FAAP
Atlanta, Georgia

Martin Keszler, MD, FAAP
Providence, Rhode Island

Bruce Korf, MD, PhD, FAAP
Boston, Massachusetts

Mark S. Korson, MD, FABMG
Salem, Massachusetts

Satyanarayana
Lakshminrusimha, MD, FAAP
Buffalo, New York

Mark Mammel, MD, FAAP
St. Paul, Minnesota

Camilia Martin, MD, FAAP
Boston, Massachusetts

Hope Northrup, MD
Houston, Texas

Lawrence Rhein, MD, MPH, FAAP
Worcester, Massachusetts

Jonathan Ross, MD
Cleveland, Ohio

Catherine A. Rottkamp, MD, PhD
Sacramento, California

Rita M. Ryan, MD, FAAP
Charleston, South Carolina

Andi L. Shane, MD, MPH, MSc, FAAP
Atlanta, Georgia

Thomas K. Shimotake, MD, FAAP
San Francisco, California

Martha Sola-Visner, MD, FAAP
Boston, Massachusetts

Dellys M. Soler Rodriguez, MD
Atlanta, Georgia

Roger F. Soll, MD, FAAP
Burlington, Vermont

Jordan M. Symons, MD
Seattle, Washington

Sarah N. Taylor, MD, FAAP
Charleston, South Carolina

Barbara Warner, MD, FAAP
Saint Louis, Missouri

Brad W. Warner, MD, FAAP
Saint Louis, Missouri

Gary M. Weiner, MD, FAAP
Ann Arbor, Michigan

Yvonne W. Wu, MD, MPH
San Francisco, California

Myra H. Wyckoff, MD, FAAP
Dallas, Texas

James L. Wynn, MD, FAAP
Gainesville, Florida
CONTINUING MEDICAL EDUCATION CREDIT

The American Academy of Pediatrics (AAP) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The AAP designates this live activity for a maximum of 51.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity is acceptable for a maximum of 51.25 AAP credits. These credits can be applied toward the AAP CME/CPD Award available to Fellows and Candidate Members of the AAP.

The American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME. Physician assistants may receive a maximum of 51.25 hours of Category 1 credit for completing this program.

This program is accredited for 51.25 NAPNAP CE contact hours; pharmacology (Rx), psychopharmacology, and controlled substance contact hours to be determined per the National Association of Pediatric Nurse Practitioners (NAPNAP) Continuing Education Guidelines.

DISCLOSURE OF FINANCIAL RELATIONSHIPS AND RESOLUTION OF CONFLICTS OF INTEREST

The AAP Policy on Disclosure of Financial Relationships and Resolution of Conflicts of Interest is designed to ensure quality, objective, balanced, and scientifically rigorous AAP CME activities. All individuals in a position to influence and/or control the content of AAP CME activities are required to disclose to the AAP and subsequently to learners that they either have no relevant financial relationships or any financial relationships with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in CME activities. All potential conflicts of interest are identified and resolved prior to an individual’s confirmation of service at an AAP CME activity. Beyond disclosure of financial relationships, AAP CME faculty are required to disclose to the AAP and to learners when they plan to discuss or demonstrate pharmaceuticals and/or medical devices and/or medical or surgical procedures that involve “off-label” use of a device or pharmaceutical. The AAP is committed to providing learners with commercially unbiased CME activities.

The content of this CME activity does not necessarily reflect the views or policies of the AAP.

COURSE SCHEDULE AND DETAILED INFORMATION

To view the full course schedule, instructions for claiming MOC Part 2 points, and detailed hotel and travel information, please visit shop.aap.org/neoprep2018.

ACKNOWLEDGMENTS

The AAP gratefully acknowledges support for the 2018 NeoPREP® in the form of an educational grant from: Mead Johnson Nutrition.
The 2018 NeoPREP® is a 7-day intensive review and update of neonatal-perinatal medicine that emphasizes the physiology and pathophysiology of neonatal conditions and the scientific basis for the clinical practice of neonatology. The content of the 2018 NeoPREP® will be presented using various types of educational sessions:

**General Sessions**
- Traditional didactic sessions for all registered attendees
- 30 to 60 minute presentations grouped together in themes
- Expert faculty delivering presentation content based on the American Board of Pediatrics (ABP) Neonatal-Perinatal Content Specifications for Certification and Maintenance of Certification (MOC) examinations

**Breakout Sessions**
- Attendees can choose between two tracks:
  - Core Knowledge Review: content based on the American Board of Pediatrics (ABP) Neonatal-Perinatal Content Specifications
  - Beyond the Boards – Pearls for Clinical Practice: content designed to provide information attendees can implement in the NICU or their clinical practice immediately
- Smaller group sessions to elicit maximum interactivity
- Case-based presentation taking attendees step-by-step through management of specific clinical topics

**Audience Response System Case Vignette/Calculation Sessions**
- Attendees can practice calculations in cardiovascular, respiratory physiology and nutrition
- Designed for attendees to practice answering questions similar to those included in the certification and recertification exams
- Reinforcement of principles and content presented in General Sessions
- Use of an audience response system through your smart phone

**ARS Rapid Review**
- 15 to 30 minute sessions including practice questions related to content presented in the previous session

**BONUS Sessions**
- These sessions are optional and provided as additional information for attendees
  - Ethical Dilemmas Panel: A panel of national experts will discuss ethical challenges with genetic testing and care of infants with congenital anomalies
  - Challenging Clinical Management Panel: Panels of national experts will discuss the latest evidence-based management in topics related primarily to the ELBW infant
  - Visual Diagnosis: Audience response system session focusing on board review questions including photo and radiology review
  - Mock Reviews: Audience response system session focusing on comprehensive board review

For the full 2018 NeoPREP® program schedule, please see below.
Saturday, January 20, 2018

THEME: Maternal Fetal Medicine / Genetics

7:00am - 6:00pm  Registration Open

7:00am - 8:00am  Continental Breakfast / Visit the Exhibits

7:45am - 8:00am  Welcome / Announcements  
Kelly Wade, MD, PhD, MSCE, FAAP

8:00am - 8:45am  Optimizing Test Success*  
Renate D. Savich, MD, FAAP

8:45am - 9:30am  Maternal and Placental Physiology  
Kim Boggess, MD

9:30am - 10:00am  Maternal Conditions Affecting the Fetus and Newborn  
Kim Boggess, MD

10:00am - 10:15am  ARS Rapid Review: Maternal Fetal Medicine  
2018 NeoPREP® Planning Group Members

10:15am - 10:30am  Break / Visit the Exhibits

10:30am - 11:30am  Antepartum Fetal Surveillance  
Kim Boggess, MD

11:30am - 12:15pm  Labor and Delivery  
Kim Boggess, MD

12:15pm - 12:30pm  ARS Rapid Review: Labor/Delivery  
2018 NeoPREP® Planning Group Members

12:30pm - 1:30pm  Lunch / Visit the Exhibits

1:30pm - 2:15pm  Asphyxia and Resuscitation  
Myra H. Wyckoff, MD, FAAP

2:15pm - 3:00pm  Inherited Patterns of Genetic Conditions  
Bruce Korf, MD, PhD, FAAP

3:00pm - 3:45pm  Approach to the Infant with Congenital Anomalies  
Hope Northrup, MD

3:45pm - 4:00pm  Break / Visit the Exhibits

4:00pm - 4:40pm  Pre- and Post-natal Genetic Testing  
Bruce Korf, MD, PhD, FAAP

4:40pm - 5:15pm  ARS Case Vignettes: Recognize That Disorder and Order the Correct Test  
Hope Northrup, MD
Saturday, January 20, 2018 (cont.)

5:15pm - 6:00pm  BONUS SESSION: Exploring Ethical Dilemmas - Genetic Testing and Care of Infants with Congenital Anomalies
Myra H. Wyckoff, MD, FAAP
Hope Northrup, MD
Bruce Korf, MD, PhD, FAAP

6:00pm  Adjourn for the Day

*This presentation is not designated for CME credit.
Maximum CME credits for Saturday: 7.75

Sunday, January 21, 2018

THEME: Cardiology / Nutrition

7:00am - 6:15pm  Registration Open

7:00am - 8:00am  Continental Breakfast / Visit the Exhibits

8:00am - 9:15am  Cardiac Development and Physiology
Laurie Armsby, MD, FAAP, FSCAI
Dara Brodsky, MD, FAAP

9:20am - 10:45am  Congenital Heart Disease
Laurie Armsby, MD, FAAP, FSCAI

10:45am - 11:00am  Break / Visit the Exhibits

11:00am - 11:45am  Growth and Essential Nutrient Requirements
Camila R Martin, MD, FAAP

11:45am - 12:15pm  Parenteral Nutrition
Heidi E. Karpen, MD

12:15pm - 1:15pm  Lunch / Visit the Exhibits

1:15pm - 2:00pm  Enteral Nutrition and Breast Milk
Sarah Taylor, MD, FAAP

2:00pm - 3:00pm  ARS CALCULATIONS: Essential Nutritional
Camila Martin, MD, FAAP

3:00pm - 3:15pm  Break / Visit the Exhibits
**Sunday, January 21, 2018 (cont.)**

3:15pm - 5:20pm  **Concurrent Breakout Sessions** (choose one track to attend)

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<th>Speaker(s)</th>
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<td>3:15pm - 4:15pm</td>
<td><strong>Core Knowledge Track</strong></td>
<td><strong>ARS CALCULATIONS: Cardiology Case Based Vignettes</strong>&lt;br&gt;Laurie Armsby, MD, FAAP, FSCAI&lt;br&gt;Dara Brodsky, MD, FAAP</td>
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<tr>
<td>4:20pm - 4:50pm</td>
<td><strong>Concise Review: Jaundice</strong></td>
<td>David A. Clark, MD, FAAP</td>
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<td>4:50pm - 5:20pm</td>
<td><strong>Concise Review: Apnea of Prematurity</strong></td>
<td>Lawrence Rhein, MD, MPH, FAAP</td>
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<td>3:15pm - 4:15pm</td>
<td><strong>Beyond the Boards Pearls for Clinical Practice Track</strong></td>
<td><strong>Feeding Dilemmas Among Extremely Low Birth Weight Infants</strong>&lt;br&gt;Camilia Martin, MD, FAAP</td>
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<td>4:20pm - 5:20pm</td>
<td><strong>Current Controversies in the Delivery Room</strong></td>
<td>Myra Wyckoff, MD, FAAP</td>
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5:30pm - 6:15pm  **BONUS SESSION: Visual Diagnosis – Neonatal Cutaneous Disorders**<br>David A. Clark, MD. FAAP

6:15pm  **Adjourn for the Day**

**Maximum CME credits for Sunday: 8.75**

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**Monday, January 22, 2018**

**THEME: Congenital Heart Disease / Pulmonary**

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<td>7:00am - 8:00am</td>
<td>Continental Breakfast / Visit the Exhibits</td>
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<td>8:00am - 8:30am</td>
<td><strong>EKG and Arrhythmias</strong></td>
<td>Laurie Armsby, MD, FAAP, FSCAI</td>
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<tr>
<td>8:30am - 9:15am</td>
<td><strong>Salt, Water, and Thermal Regulation</strong></td>
<td>Shawn Ahlfeld, MD, FAAP</td>
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<tr>
<td>9:15am - 10:00am</td>
<td><strong>Lung Development and What Could Go Wrong</strong></td>
<td>Rita M. Ryan, MD, FAAP</td>
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<td>10:00am - 10:15am</td>
<td>Break / Visit the Exhibits</td>
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<tr>
<td>10:15am - 10:45am</td>
<td><strong>Surfactant Biology and RDS</strong></td>
<td>Rita M. Ryan, MD, FAAP</td>
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Monday, January 22, 2018 (cont.)

10:45am - 11:30am  
Other Causes of Respiratory Distress  
Satyanarayana Lakshminrusimha, MD, FAAP

11:30am - 12:15pm  
Bronchopulmonary Dysplasia  
Lawrence Rhein, MD, MPH, FAAP

12:15pm - 12:30pm  
ARS Rapid Review: Pulmonary  
2018 NeoPREP® Planning Group Members

12:30pm - 1:30pm  
Lunch / Visit the Exhibits

1:30pm - 2:30pm  
Respiratory Physiology  
Martin Keszler, MD, FAAP

2:30pm - 3:00pm  
ARS CALCULATIONS: Respiratory Physiology  
Martin Keszler, MD, FAAP  
Mark Mammel, MD

3:00pm - 3:30pm  
Persistent Pulmonary Hypertension of the Newborn  
Satyanarayana Lakshminrusimha, MD, FAAP

3:30pm - 3:45pm  
Break / Visit the Exhibits

3:45pm - 4:30pm  
Invasive and Noninvasive Mechanical Ventilation  
Mark Mammel, MD

4:30pm - 5:15pm  
ARS CALCULATIONS: Ventilators  
Martin Keszler, MD, FAAP  
Mark Mammel, MD

5:15pm - 6:15pm  
BONUS SESSION: Discussion and Debate Regarding Challenging Clinical Management - Extremely Low Birth Weight Panel 1  
Sarah N. Taylor, MD, FAAP  
Rita M. Ryan, MD, FAAP  
Lawrence Rhein, MD, MPH, FAAP  
Martin Keszler, MD, FAAP

6:15pm  
Adjourn for the Day

Maximum CME credits for Monday: 8.75

Tuesday, January 23, 2018

THEME: Endocrine / Renal

7:00am - 2:15pm  
Registration Open

7:00am - 8:00am  
Continental Breakfast

8:00am - 8:45am  
Physiology and Management of Calcium, Phosphorous, and Magnesium  
Sarah Taylor, MD, FAAP

8:45am - 9:45am  
Congenital Adrenal Hyperplasia and Disordered Sexual Differentiation: A Case Based Discussion  
Jonathan Ross, MD
Tuesday, January 23, 2018 (cont.)

9:45am - 10:15am  Glucose Metabolism-Highs and Lows  
                  Munish Gupta, MD, MMSc, FAAP

10:15am - 10:30am  Break

10:30am - 11:40am  Inborn Errors of Metabolism: A Symptom-Based Approach  
                   Mark Korson, MD, FABMG

11:40am - 11:50am  Box Lunch

11:50am - 12:45pm  ARS Midway Review with Lunch  
                   Melissa Carbajal, MD, FAAP

12:45pm - 1:30pm   Normal and Abnormal Renal Development  
                   Jordon Symons, MD

1:30pm - 2:15pm    Acquired Renal Injury  
                   Jordon Symons, MD

2:15pm             Adjourn for the Day

Maximum CME credits for Tuesday: 5.75

Wednesday, January 24, 2018

THEME: Infectious Diseases / Pharmacology

7:00am - 6:00pm    Registration Open

7:00am - 8:00am    Continental Breakfast

8:00am - 8:45am    Why Premies Are at High Risk of Infections  
                   James L. Wynn, MD, FAAP

8:45am - 9:30am    Common Viral Infections in Neonates  
                   Andi L. Shane, MD, MPH, MSc, FAAP

9:30am - 10:15am   Bacterial Infections  
                   James L. Wynn, MD, FAAP

10:15am - 10:30am  Break

10:30am - 11:00am  Prevention of Hospital-Acquired Infections (and also, Immunizations)  
                   Munish Gupta, MD, MMSc, FAAP

11:00am - 11:15am  ARS Rapid Review: Infectious Diseases  
                   2018 NeoPREP® Planning Group Members

11:15am - 12:30pm  Statistics and Research Design  
                   Gary M. Weiner, MD

12:30pm - 2:15pm   Lunch on Your Own
Wednesday, January 24, 2018 (cont.)

2:15pm - 4:50pm Concurrent Breakout Sessions (choose one track to attend)

Core Knowledge Track
2:15pm - 3:15pm ARS Case Vignettes: Thyroid, Retinopathy of Prematurity and other Favorites
Melissa Carbajal, MD, FAAP

3:20pm - 4:05pm Test Your Knowledge: Statistics
Gary M. Weiner, MD

4:05pm - 4:50pm Test Your Knowledge: Research Design
Gary M. Weiner, MD

Beyond the Boards Pearls for Clinical Practice Track
2:15pm - 3:15pm PDA in Preterm Infants: To Treat or Not To Treat
William Benitz, MD, FAAP

3:20pm - 4:05pm Surfactant Therapy: Evidence Based Practice in 2018
Roger F. Soll, MD, FAA

4:05pm - 4:50pm Red Cell and Platelet Transfusions in Neonates: Myths and Realities
Martha Sola-Visner, MD, FAAP

4:50pm - 5:00pm Move Break

5:00pm - 6:00pm BONUS SESSION: Discussion and Debate Regarding Challenging Clinical Management - Extremely Low Birth Weight Panel 2
Gary M. Weiner, MD
William Benitz, MD, FAAP
Roger F. Soll, MD, FAA
Martha Sola-Visner, MD, FAAP

6:00pm Adjourn for the Day

Maximum CME credits for Wednesday: 7.75

Thursday, January 25, 2018

THEME: Neurology / Blood / Gastrointestinal

7:00am - 6:00pm Registration Open

7:00am - 8:00am Continental Breakfast

8:00am - 8:45am Brain Development: Normal and Abnormal
Catherine Rottkamp, MD, PhD

8:45am - 9:30am Neonatal Neurological Exam and Recognizing Signs of Injury or Abnormalities
Thomas K. Shimotake, MD, FAAP

9:30am - 10:30am Brain Injury in Term Infants
Yvonne Wu, MD, MPH
Thursday, January 25, 2018 (cont.)

10:30am - 10:45am  Break

10:45am - 11:30am  Preterm Brain Injury: Hemorrhage, Cysts and Leukomalacia  
                    Thomas K. Shimotake, MD, FAAP

11:30am - 12:00pm  Neonatal Seizures  
                    Yvonne Wu, MD, MPH

12:00pm - 12:15pm  ARS Rapid Review: Neurology  
                    2018 NeoPREP® Planning Group Members

12:15pm - 1:15pm   Lunch

1:15pm - 2:15pm    Neurodevelopment and Outcomes  
                    Ira Adams-Chapman, MD, FAAP

2:15pm - 2:45pm    Neonatal Abstinence Syndrome  
                    Ira Adams-Chapman, MD, FAAP

2:45pm - 3:30pm    Red Blood Cells and Transfusions  
                    Martha Sola-Visner, MD, FAAP

3:30pm - 3:45pm    Break

3:45pm - 4:30pm    Platelets and Coagulation  
                    Martha Sola-Visner, MD, FAAP

4:30pm - 5:00pm    ARS Rapid Review: Neurodevelopment, Hematology/Oncology  
                    2018 NeoPREP® Planning Group Members

5:00pm - 6:00pm    ARS: Comprehensive Review  
                    Avroy Fanaroff, MD, FAAP

6:00pm             Adjourn for the Day

Maximum CME credits for Thursday: 8.50

Friday, January 26, 2018

THEME: Gastrointestinal / Pharmacology

7:00am - 12:30pm  Registration Open

7:00am - 8:00am   Continental Breakfast

8:00am - 9:00am   Development Abnormalities of the Gastrointestinal Tract  
                    Brad Warner, MD, FAAP

9:00am - 9:45am   Acquired Disorders of the Gastrointestinal Tract  
                    Barbara Warner, MD

9:45am - 10:30am  Liver Disease of the Newborn  
                    Dellys M. Soler Rodriguez, MD

10:30am - 10:45am Break
Friday, January 26, 2018 (cont.)

10:45am - 11:45am  Guiding Principles of Neonatal Pharmacology  
Kelly Wade, MD, PhD, MSCE, FAAP

11:45am - 12:15pm  ARS: Final Assessment  
Avroy Fanaroff, MD, FAAP

12:15pm - 12:30pm  Closing Remarks  
Kelly Wade, MD, PhD, MSCE, FAAP

12:30pm  Course Adjourns

Maximum CME credits for Friday: 4.00

Maximum *AMA PRA Category 1 Credits™* for Course: 51.25
**Registration Form**

**An Intensive Review and Update of Neonatal - Perinatal Medicine**

January 20-26, 2018

Westin Buckhead Atlanta • Atlanta, Georgia

Register by December 20, 2017 for Early Bird Rates.

**PLEASE TYPE OR PRINT**

**NAME**

FIRST LAST (SURNAME) MD, DO, OTHER (SPECIFY)

**ADDRESS**

CITY/STATE/PROVINCE

ZIP CODE / POSTAL CODE / COUNTRY

**DAYTIME PHONE**

CELL NUMBER

**E-MAIL ADDRESS**

AAP ID#

**EMERGENCY CONTACT NAME/ PHONE**

**PLEASE INDICATE ANY SPECIAL NEEDS (E.G., BREASTFEEDING ACCOMMODATIONS, DIETARY RESTRICTIONS /ALLERGIES, PHYSICAL DISABILITIES).**

**PAYMENT INFORMATION** Full payment must accompany this form.

Please indicate method of payment below:

Charge it:  

CARD NUMBER

EXPIRATION DATE

PRINT NAME AS IT APPEARS ON CARD

Or checks may be made payable to the American Academy of Pediatrics.  

(United States only)

CHECK NUMBER AMOUNT

Please do not send currency.

Your registration will be confirmed. Please contact the AAP Registration Area if you do not receive a confirmation within 14 days. The AAP recommends that you do not make travel or hotel reservations that cannot be changed or cancelled without penalty until you receive your confirmation, as the AAP cannot be responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at this course. Costs incurred, such as airline or hotel penalties, are the responsibility of the individual. The AAP reserves the right to cancel this activity due to unforeseen circumstances or to limit enrollments, should attendance exceed capacity. Course educational sessions are open only to registered attendees.

**REGISTRATION TYPE/FEES (U.S. Currency)**

Register by December 20, 2017 for Early Bird Rates.

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<th>FULL RATES</th>
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<td>SL1: Check here to order a printed syllabus, which will be distributed at the course, for an additional fee of $250.</td>
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**SYLLABUS**

The syllabus for this course will be provided to all registrants online. To order a printed version of the complete course syllabus (for an additional fee of $250), to be picked up at the AAP registration desk in Atlanta, please check the box for SL1 and add $250 to the total of your registration fees. Note: This option is only available if you register prior to December 20, 2017.

Fees subject to change without notice.