ARTICLES

e568 Developmental Care for Preemies and their Families: One Neonatologist’s Journey toward NICDAP Practice

Roger E. Sheldon

e576 Addictive Disorders in Women: The Impact of Maternal Substance Use on the Fetus and Newborn

Christiana N. Oji-Mmou, Tammy E. Corr, Kim K. Doheny

e587 Hearing Loss in the Newborn Infant: Early Hearing Detection and Intervention

Andrew P. McGrath, Betty R. Vohr

e598 Optimizing Neurodevelopment in Severe Bronchopulmonary Dysplasia

J. Wells Logan, Wendelin Burdo-Hartman, Susan K. Lynch

e606 Case 1: Term Newborn with Purple Rash at Birth

Katherine Guthrie, Miriah Gillispie, Thais Queliz-Pena, Oscar Winners-Mendizabal

Case 2: Newborn with Persistent Apnea

Katelyn Saarella, Amanda J. Kim

Case 3: Term Neonate with Respiratory Distress

Vikramaditya Dumpa, Puneet Gupta, Vaseem Iqbal, Jayasree Nair

Video Corner: A Crying Neonate

Manas Parikh, Erin Stroud, Rachel Witt, Holly Engelstad, Akshaya J. Vachharajani

Strip of the Month: Minimum Variability and Meconium

Kafui A. Demasio, Sadia Sahabi

Visual Diagnosis: Skin Lesions in a Preterm Infant

Jubara Alallah, Nouran Banjar

Editor-in-Chief: Dana Brody, Boston, MA

Associate Editor Emeritus: Alastair G. S. Philip, Palo Alto, CA

Associate Editor: Joseph Nue, Gainesville, FL

Assistant Editor: CME: Henry L. Liu, Palo Alto, CA

Associate Editor: Perspectives: Mamba Fulonia, Bronx, NY

Associate Editor: Visual Diagnosis: Beena Sood, Detroit, MI

Associate Editor: Video Corner: Alastair C. Vachharajani, St. Louis, MO

Early Career Physician: Alison Chu, Los Angeles, CA

Editorial Fellow: Colby Day, Charleston, SC

EDITORIAL BOARD

Rita Darzi, Rochester, NY

Alston E. Dunbar II, New Orleans, LA

Sergio Golinovskiy, Vancouver, NY

Joseph R. Hageman, Evesham, IL

Martin Keszler, Providence, RI

Karen M. Puopolo, Philadelphia, PA

Thomas E. Wissell, Honolulu, HI

Santina A. Zaneli, Charleston, SC

Founding Editor: William W. Hay, Jr, Denver, CO

International Advisory Board

Malcolm Barton, Auckland, New Zealand

Matts Binnion, Stockholm, Sweden

José Díaz Rosales, Montevideo, Uruguay

Lichtung Chu, Hangzhou, Zhejiang, P.R. China

Janusz Gądzinowski, Poznan, Poland

Herco Gumarde, Mos, Portugal

Kazuhiko Hida, Tokyo, Japan

Jorge-César Martínez, Buenos Aires, Argentina

Francisco Ramíndez, Almería, Italy

Siddarth Ramji, Dresden, Germany

Erci Shwoul, Jerusalem, Israel

Umberto Simeoni, Milano, Italy

Hak Soo, Shanghai, China

Clídie Trindade, São Paulo, Brazil

Maximo Vento, Valencia, Spain

Tsu-Fuy Yeh, Tzouhara, Taiwan

Khalid Yunus, Brantford, Ontario

Liaison, NeoReviewsPlus Self-Assessment

William A. Engle, Indianapolis, IN

Liaison, Council on International Neonatal Nurses

Carole Kenner, Elgin, NV

Liaison, National Association for Neonatal Nurses

Carol Wolman, Wellington, CO

Managing Editor: Luan Zanoli

Editorial Associate: Lawanda Tucker

Medical Copy Editor: Beena Rao

Publisher: American Academy of Pediatrics

Senior Vice President, Membership, Marketing, and Publishing: Mary Lou White

Division of Journal Publishing Director: Joseph Puskarz

NeoReviews™

NeoReviews™ Editorial Board Disclosures

The American Academy of Pediatrics (AAP) Policy on Disclosure of Financial Relationships and Resolution of Conflicts of Interest for AAP CME Activities is designed to ensure quality, objective, balanced, and scientifically rigorous AAP CME activities by identifying and resolving all potential conflicts of interest before the confirmation of service of these in a position to influence and/or control CME content. 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 the individual either has a financial relationship with the manufacturer(s) of any product and/or provider(s) of commercial services discussed in CME activities. Commercial interest is defined as any entity producing, marketing, reselling, or distributing health-care goods or services consumed by, or used on, patients. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics. POSTMASTER: Send address changes to NEOREVIEWS™, American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

© AMERICAN ACADEMY OF PEDIATRICS, 2017. All rights reserved. Printed in USA. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics. POSTMASTER: Send address changes to NEOREVIEWS™, American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

NeoReviews™ is supported, in part, through an educational grant from Abbott Nutrition, a division of AbbVie Inc., and by direct support from Prolacta Bioscience, Inc.

NeoReviews™ Editorial Board Disclosures

The American Academy of Pediatrics (AAP) Policy on Disclosure of Financial Relationships and Resolution of Conflicts of Interest for AAP CME Activities is designed to ensure quality, objective, balanced, and scientifically rigorous AAP CME activities by identifying and resolving all potential conflicts of interest before the confirmation of service of these in a position to influence and/or control CME content. 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 the individual either has a financial relationship with the manufacturer(s) of any product and/or provider(s) of commercial services discussed in CME activities. Commercial interest is defined as any entity producing, marketing, reselling, or distributing health-care goods or services consumed by, or used on, patients. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics. POSTMASTER: Send address changes to NEOREVIEWS™, American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

© AMERICAN ACADEMY OF PEDIATRICS, 2017. All rights reserved. Printed in USA. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics. POSTMASTER: Send address changes to NEOREVIEWS™, American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

NeoReviews™ is supported, in part, through an educational grant from Abbott Nutrition, a division of AbbVie Inc., and by direct support from Prolacta Bioscience, Inc.

American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098. Statements and opinions expressed in NeoReviews™ are those of the authors and not necessarily of the American Academy of Pediatrics or its Committees. Recommendations included in this publication do not indicate an exclusive course of treatment or serve as a standard of medical care. Subscriptions price for NeoReviews™ for 2017: AAP/CPS Member $125; AAP National Affiliate Member $95; Nonmember $150. AAP In Training Member: $595. Nonmember In Training / Allied Health: $115. AAP Perinatal Section Member: $115. Institutions call for pricing (866-443-2271). © AMERICAN ACADEMY OF PEDIATRICS, 2017. All rights reserved. Printed in USA. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics.

NeoReviews™ Editorial Board Disclosures

The American Academy of Pediatrics (AAP) Policy on Disclosure of Financial Relationships and Resolution of Conflicts of Interest for AAP CME Activities is designed to ensure quality, objective, balanced, and scientifically rigorous AAP CME activities by identifying and resolving all potential conflicts of interest before the confirmation of service of these in a position to influence and/or control CME content. 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 the individual either has a financial relationship with the manufacturer(s) of any product and/or provider(s) of commercial services discussed in CME activities. Commercial interest is defined as any entity producing, marketing, reselling, or distributing health-care goods or services consumed by, or used on, patients. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics.

POSTMASTER:Send address changes to NEOREVIEWS™,American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

© AMERICAN ACADEMY OF PEDIATRICS, 2017. All rights reserved. Printed in USA. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics. POSTMASTER: Send address changes to NEOREVIEWS™, American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

NeoReviews™ is supported, in part, through an educational grant from Abbott Nutrition, a division of AbbVie Inc., and by direct support from Prolacta Bioscience, Inc.

American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098. Statements and opinions expressed in NeoReviews™ are those of the authors and not necessarily of the American Academy of Pediatrics or its Committees. Recommendations included in this publication do not indicate an exclusive course of treatment or serve as a standard of medical care. Subscriptions price for NeoReviews™ for 2017: AAP/CPS Member $125; AAP National Affiliate Member $95; Nonmember $150. AAP In Training Member: $595. Nonmember In Training / Allied Health: $115. AAP Perinatal Section Member: $115. Institutions call for pricing (866-443-2271). © AMERICAN ACADEMY OF PEDIATRICS, 2017. All rights reserved. Printed in USA. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics.

NeoReviews™ Editorial Board Disclosures

The American Academy of Pediatrics (AAP) Policy on Disclosure of Financial Relationships and Resolution of Conflicts of Interest for AAP CME Activities is designed to ensure quality, objective, balanced, and scientifically rigorous AAP CME activities by identifying and resolving all potential conflicts of interest before the confirmation of service of these in a position to influence and/or control CME content. 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 the individual either has a financial relationship with the manufacturer(s) of any product and/or provider(s) of commercial services discussed in CME activities. Commercial interest is defined as any entity producing, marketing, reselling, or distributing health-care goods or services consumed by, or used on, patients. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics.

POSTMASTER:Send address changes to NEOREVIEWS™,American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

© AMERICAN ACADEMY OF PEDIATRICS, 2017. All rights reserved. Printed in USA. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics. POSTMASTER: Send address changes to NEOREVIEWS™, American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.
<table>
<thead>
<tr>
<th>Updated Information &amp; Services</th>
<th>including high resolution figures, can be found at:</th>
<th><a href="http://neoreviews.aappublications.org/content/18/10.citation">http://neoreviews.aappublications.org/content/18/10.citation</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Permissions &amp; Licensing</td>
<td>Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:</td>
<td><a href="https://shop.aap.org/licensing-permissions/">https://shop.aap.org/licensing-permissions/</a></td>
</tr>
<tr>
<td>Reprints</td>
<td>Information about ordering reprints can be found online:</td>
<td><a href="http://classic.neoreviews.aappublications.org/content/reprints">http://classic.neoreviews.aappublications.org/content/reprints</a></td>
</tr>
</tbody>
</table>