Contents

The Problem of the Preterm Lung: Definitions, History, and Epidemiology ....................................................... 1
Joseph M. Collaco and Sharon A. McGrath-Morrow

Why Do Preterm Infants Wheeze? Clues from Epidemiology ....... 15
Elianne Vrijlandt

Why Do Former Preterm Infants Wheeze? Clues from the Laboratory ............................... 31
Richard J. Martin and Thomas M. Raffay

The Bronchopulmonary Dysplasia Diagnosis: Definitions, Utility, Limitations ..................................................... 45
Roberta L. Keller

Structural and Functional Changes in the Preterm Lung ............ 61
Shu Wu and Eduardo Bancalari

Diagnostic Modalities: Pulmonary Function Testing and Imaging .... 81
A. Ioana Cristea, Clement L. Ren, and Stephanie D. Davis

Longer Term Sequelae of Prematurity: The Adolescent and Young Adult ........................................................... 99
Andrew Bush and Charlotte E. Bolton

Adverse Outcomes Do Not Stop at Discharge: Post-NICU Health Care Use by Prematurely Born Infants ...................... 119
Scott A. Lorch and Shawna Calhoun

Opportunities to Promote Primary Prevention of Post Neonatal Intensive Care Unit Respiratory Morbidity in the Premature Infant .... 139
Cindy T. McEvoy

Sleep Outcomes in Children Born Prematurely ..................... 161
Kristie R. Ross and Susan Redline
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airway Outcomes</td>
<td>181</td>
</tr>
<tr>
<td>Wade G. McClain, Gita M. Fleischman, and Amelia F. Drake</td>
<td></td>
</tr>
<tr>
<td>Pulmonary Hypertension in Bronchopulmonary Dysplasia</td>
<td>197</td>
</tr>
<tr>
<td>Steven H. Abman</td>
<td></td>
</tr>
<tr>
<td>Infection and Inflammation: Catalysts of Pulmonary Morbidity in Bronchopulmonary Dysplasia</td>
<td>215</td>
</tr>
<tr>
<td>Phillip S. Wozniak, Mohannad Moallem, and Pablo J. Sánchez</td>
<td></td>
</tr>
<tr>
<td>Index</td>
<td>231</td>
</tr>
</tbody>
</table>
Respiratory Outcomes in Preterm Infants
From Infancy through Adulthood
Hibbs, A.M.; Muhlebach, M. (Eds.)
2017, X, 235 p. 30 illus., 14 illus. in color., Hardcover
ISBN: 978-3-319-48834-9
A product of Humana Press