# Contents

1 Chronic Ventilator Support in Children: Why, Who, and When...... 1
   Ian MacLusky

2 Non-Invasive Mechanical Ventilation in Children: An Overview ...... 19
   Brian McGinley

3 Chronic Invasive Mechanical Ventilation ............................................. 37
   Howard B. Panitch

4 Ethical Considerations in Chronic Invasive Mechanical Ventilation in Pediatrics ................................................................. 57
   Walter M. Robinson

5 Palliative Care and End-of-Life Considerations in Children on Chronic Ventilation ................................................................. 71
   Jeffrey D. Edwards

6 Transition from Hospital to Home ........................................................ 89
   Sherry L. Barnhart and April Carpenter

7 The Model of Care for the Ventilator-Dependent Child............... 121
   Dennis Z. Kuo and John L. Carroll

8 Outpatient Care of the Ventilator Dependent Child....................... 145
   Nanci Yuan and Laura M. Sterni

9 In-Home Care of the Child on Chronic Mechanical Ventilation....... 165
   Deborah S. Boroughs and Joan Dougherty

10 Troubleshooting Common Ventilator and Related Equipment Issues in the Home ................................................................. 185
    Denise Willis and Sherry L. Barnhart
11 Inhaled Drug Delivery for Children on Long-term Mechanical Ventilation ........................................ 217
   Ariel Berlinski

12 Adherence to Non-Invasive Ventilatory Support ......................... 241
   Gillian M. Nixon

13 Ventilator Support in Children with Obstructive Sleep Apnea Syndrome ............................................. 253
   Kiran Nandalike and Raanan Arens

14 Ventilator Support in Children with Neuromuscular Disorders .... 283
   Anita K. Simonds

15 Long-Term Ventilator Support in Bronchopulmonary Dysplasia..... 299
   Sharon A. McGrath-Morrow and J. Michael Collaco

16 Chronic Ventilatory Support for Children Following Trauma or Severe Neurologic Injury .................................. 311
   Iris A. Perez, Sally L. Davidson Ward, Sheila Kun, and Thomas G. Keens

17 Care of the Child with Congenital Central Hypoventilation Syndrome ....................................................... 331
   Fiona Healy and Carole L. Marcus

Index ........................................................................................................................................... 355
Caring for the Ventilator Dependent Child
A Clinical Guide
Sterni, L.M.; Carroll, J.L. (Eds.)
2016, XIV, 362 p. 49 illus., 29 illus. in color., Hardcover
A product of Humana Press