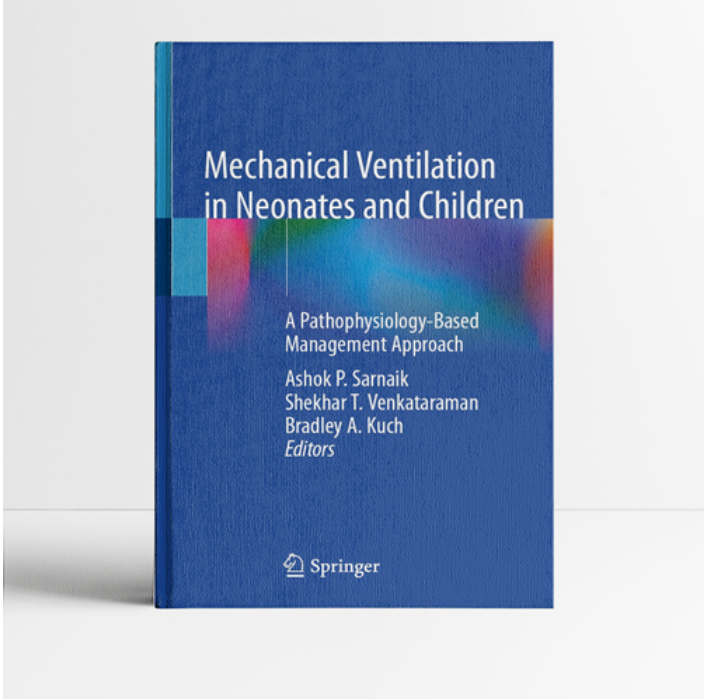


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## DESCRIPCIÓN DEL PRODUCTO

This textbook comprehensively covers mechanical ventilation in neonates and children integrating the latest knowledge and understanding of developmental biology, age-related and disease-specific physiologic differences in the practice of mechanical ventilation. The physiology associated with ventilation and lung mechanics are described. Guidance is provided on how to carry out a range of clinical assessments appropriately, including those for ventilation, mechanics and breathing control. Available pathophysiology-based management strategies for a range of situations including respiratory failure and ventilatory failure are also provided.

Mechanical Ventilation in Neonates and Children: A Pathophysiology Based Management Approach broadly covers a range of topics associated with mechanical ventilation in children and neonates. It is a valuable resource for specific seminars or courses that concentrate on respiratory failure in children and for those preparing for board certification examinations for neonatal/perinatal medicine and pediatric critical care medicine.

**Índice del libro Mechanical Ventilation in Neonates and Children 1st edition**

1 Mechanical Characteristics of the Lung and the Chest Wall
2 Physiology of Inflation and Deflation

3 Gas Exchange
4 Clinical Examination and Assessment
5 Monitoring
6 Ventilators and Modes
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