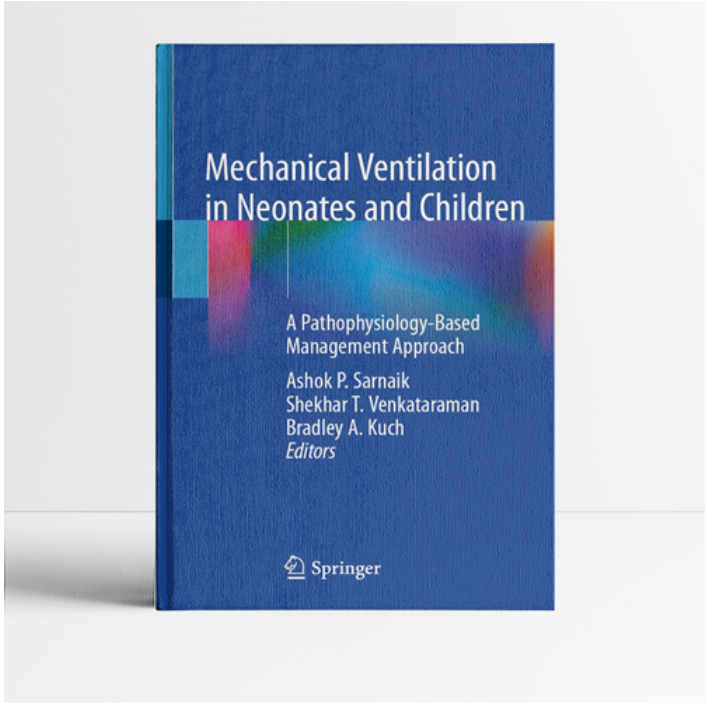

Encuadernación	Tapa blanda
Páginas	263
Año	2022
Edición	1era edición
Autor	Ashok P. Sarnaik, Bradley A. Kuch, Shekhar T. Venkataraman
Editorial	Springer
ISBN	9783030837389
Idioma	Inglés

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
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