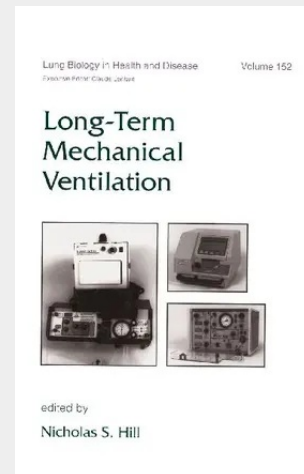


Long-Term Mechanical Ventilation

Summarizing state-of-the-art developments in long-term mechanical ventilation use, this comprehensive treatise reviews the applications, complications, and care of breathing disorders affecting the growing population of ventilation-assisted individuals-including neuromuscular and chronic obstructive pulmonary diseases (COPD) and chest wall deformities. Qualitatively considers reimbursement options for management outside of acute care settings! Covering both noninvasive ventilation (NIV) and invasive ventilation techniques and procedures, Long-Term Mechanical Ventilation - provides an epidemiology of long-term mechanical ventilation with a review of recent trends - examines the pathophysiological mechanisms contributing to chronic respiratory failure, including the pathogenesis and treatment of restrictive thoracic and central hypoventilatory disorders - investigates the controversy over conflicting results for NIV management of patients with chronic respiratory failure due to severe stable COPD - details critical care for children with severe ventilatory defects such as congenital neuromuscular diseases, cystic fibrosis, and bronchopulmonary dysplasia - chronicles new insights into the role of the upper airway and glottis in determining the effectiveness of NIV - considers weaning dependent patients off ventilation and methods of care for different sites using the least complicated and most economical means - explores tools for measuring the impact and outcomes of long-term mechanical ventilation and determining patients' quality of life - and more! Containing over 1400 literature references, tables, drawings, and photographs, Long-Term Mechanical Ventilation is a necessary reference for pulmonary and thoracic specialists, chest physicians, anesthesiologists, physiologists, physiatrists and rehabilitation physicians, respiratory therapists, intensive care specialists, and med

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