



Respiratory Muscles in Chronic Obstructive Pulmonary Disease

By -

Springer. Paperback. Condition: New. 192 pages. Dimensions: 9.4in. x 6.5in. x 0.8in. While emphysema and chronic bronchitis are primarily lung diseases, one of their major consequences is to deeply affect the function of the respiratory muscles. Lung hyperinflation shortens the inspiratory muscles due to increased airways resistance, more of their effort is demanded and changes in nutritional status weaken them further. Their malfunction can lead to severe dyspnea and to failure of the ventilatory pump. Over the last 10 years we have witnessed an explosion of information of how respiratory muscles function in health and disease, new techniques for their evaluation have been created, the concept of fatigue, weakness, and failure was developed, and their rest or training was attempted. The implication of respiratory muscles malfunction in respiratory medicine has reached a prominent place. It seems remarkable that while some aspect of skeletal muscles function requires molecular biology techniques to find new answers, we still know little on respiratory muscles interaction, strategies of coordination, their role in dyspnea, chronic hypercapnia or how to effectively improve their function in patients. This workshop was organized and held at the Medical Center of Rehabilitation in Montescano and represents...



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