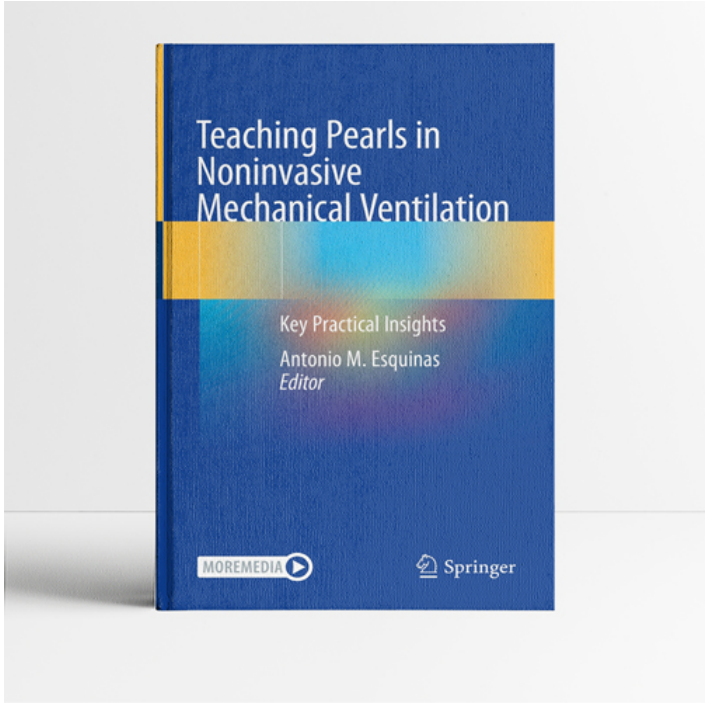


| | |
|---|---|
| **Encuadernación** | Tapa blanda |
| **Páginas** | 550 |
| **Año** | 2022 |
| **Edición** | 1era edición |
| **Autor** | Antonio Esquinas Rodríguez |
| **Editorial** | Springer |
| **ISBN** | 9783030712983 |

## DESCRIPCIÓN DEL PRODUCTO

This book uses real-world clinical case analyses of hot topics to provide insights into noninvasive mechanical ventilation (NIV).

Written by leading international teachers and experts, it features a selection of “major controversial topics in clinical practice” and demonstrates how these cases can be used to teach about NIV. It then presents a discussion of the topics in various scenarios (anesthesiology, critical care, emergency and pneumology). The chapters allow readers to develop a case-by-case understanding of NIV in acute and chronic respiratory disorders, and perioperative and in intensive care patients, also thanks to Electronic Supplementary Materials. Lastly the authors summarize five key points / recommendations. This book is an attractive resource also for universities/ educational seminars/ national and international postgraduate courses and hot-topics sessions at national/international congresses.

Índice del libro Teaching Pearls in Noninvasive Mechanical Ventilation1st edition

**Part I Clinical Cases in Noninvasive Ventilation: Interfaces, Methodology**
1 Facemask and Total Face Mask
2 Helmet

3 Mouthpiece Ventilation
4 Discomfort and Adaptation in Non Invasive Mechanical Ventilation: Mask Interface Problems
5 Discomfort and Adaptation. Mask Interface Problems
6 Unusual Facial Muscle Atrophy Associated with Noninvasive Ventilation
7 Noninvasive Ventilation: Continuous Positive Air Pressure Ventilation (CPAP) and Pressure Support Ventilation (PSV)
8 Continuous Positive Airway Pressure
9 How Do Hybrid Pressure Ventilation Modes Respond to Patient's Varying Ventilatory Requirements? Insights from Respiratory Bench Simulations

**Part II Clinical Cases and Noninvasive Ventilation Physiology**
10 Noninvasive Ventilation Extrapulmonary Response Determinants
11 Patterns Response (Apnea, Hypopnea, Tachypnea)
12 Lung Mechanics- Compliance and Resistance-Extrapulmonary Response

**Part III Clinical Cases and Noninvasive Ventilation Pattern Response**
13 Early and Late Failure During Noninvasive Ventilation
14 Noninvasive Ventilation. Rebreathing
15 Bilateral Pneumothorax in Neuromuscular Disease Associated with Noninvasive Ventilation and Mechanical Insufflation-Exsufflation
16 Early and Late Failure During Noninvasive Ventilation

**Part IV Noninvasive Ventilation Interaction, Monitoring and Methodology**
17 Patient Ventilator Asynchrony
18 Patient Ventilator Asynchrony
19 Clinical Cases in Non Invasive Ventilation: Pressure Waveform
20 Pressure Waveform. Clinical Interpretation - Acute Respiratory Failure in COPD
21 Intensive Care Unit Ventilators Some Aspects in Noninvasive Mechanical Ventilation

**Part V Clinical Cases in Noninvasive Ventilation: NIV in Procedures Applications**
22 Non Invasive Mechanical Ventilation and Echocardiographic
23 Lung and Diaphragm Ultrasound for Monitoring Patient's Ongoing Non-invasive Mechanical Ventilation
24 Non Invasive Mechanical Ventilation and Bronchoscopy
25 Clinical Cases in Noninvasive Ventilation: NIV in Procedures Applications. Bronchoscopy

**Part VI Clinical Conditions: Acute Hypoxemic Respiratory Failure**
26 Noninvasive Ventilation in Hematology-Oncology Patients with Acute Respiratory Failure
27 Treatment of Acute Respiratory Failure in Patient with Congestive Heart Failure and Pneumonia
28 Neurally Adjusted Ventilator (NAVA) Mode
29 Non-invasive Mechanical Ventilation in Pneumonia
30 Non Invasive Ventilation in High Risk Infections
31 Clinical Conditions—Acute Hypoxemic Respiratory Failure: Non Invasive Ventilation in Pneumonia
32 Non Invasive Ventilation in Asthma Exacerbation

33 Unusual Case of Acute Pulmonary Edema Treated by Non Invasive Ventilation: A 30 Years Ago “Cold Case”!
34 Non Invasive Ventilation in Acute Cardiac Pulmonary Edema
35 Clinical Conditions Acute Hypoxemic Respiratory Failure: Non Invasive Ventilation in Thoracic Trauma
36 Thoracic Surgery, a Clinical Case in Non-invasive Ventilation: Clinical Conditions in the Perioperative Period
37 Non-invasive Ventilation Following Thoracotomy: Clinical Case
38 Noninvasive Ventilation in Acute Respiratory Distress Syndrome
39 Nasal High Flow Oxygen During Post-extubation Period in a Patient with Traumatic Brain Injury

**Part VII Clinical Conditions: Sleep Breathing Disorders**
40 Treatment-Emergent Central Sleep Apnea: Always Look for an Air Leak
41 Non Invasive Ventilation in Sleep Apnea Syndrome
42 Nocturnal Hypoventilation and Sleep Breathing Disorders
43 Non Invasive Ventilation: Nocturnal Hypoventilation and Sleep Breathing Disorders

**Part VIII Clinical Conditions: Chronic Hypercapnic Respiratory Failure**
44 Noninvasive Ventilation in Chronic Obstructive Pulmonary Disease: Ventilating the Patient with Severe Respiratory Acidosis
45 Noninvasive Ventilation in Chronic Obstructive Pulmonary Disease
46 Non-invasive Ventilation in Adults with Cystic Fibrosis
47 Non Invasive Mechanical Ventilation in Idiopathic Pulmonary Fibrosis: A Clinical Case
48 Non Invasive Ventilation, Pulmonary Rehabilitation and Chest Physiotherapy-1
49 Non Invasive Ventilation, Pulmonary Rehabilitation and Chest Physiotherapy-2
50 Obesity Hypoventilation Syndrome
51 Elderly Non Invasive Mechanical Ventilation Applications
52 Elderly-NIV: Non-invasive Mechanical Ventilation Treatment in Elderly Patient with Usual Interstitial Pneumonia
53 Clinical Case in Non Invasive Ventilation in End of Life
54 Clinical Cases in Non Invasive Ventilation: Home Mechanical Ventilation
55 Comorbidities Conditions Impact (Renal Failure/Liver Failure/Neurologic) in Non Invasive Mechanical Ventilation
56 Clinical Cases in Noninvasive Ventilation: Clinical Conditions—Hypercapnic Failure—Neuromuscular Disorders
57 Clinical Case in Noninvasive Ventilation: Clinical Conditions—Respiratory Care of Neuromuscular Disorders—A Rare
Case of Charcot-Marie-Tooth Disease (CMT2S)
58 Clinical Case in Noninvasive Ventilation: Clinical Conditions—Hypercapnic Failure—Neuromuscular Disorders in Amyotrophic Lateral Sclerosis
59 Noninvasive Ventilation in Ventilatory Pump Failure: When Is Oxygen Administration Deadly?
60 Clinical Case in Non Invasive Ventilation: Ethical Aspects of the Palliative Use
61 Clinical Cases in Noninvasive Ventilation in Quality of Life
62 Pediatric Non-invasive Ventilation: Non-invasive Ventilation Treatment in a Pediatric Patient with Catathrenia

*» Más libros de Anestesiología*
*» Más libros de Medicina intensiva*
*» Más libros de Ventilación mecánica*

*» Síguenos en Facebook*