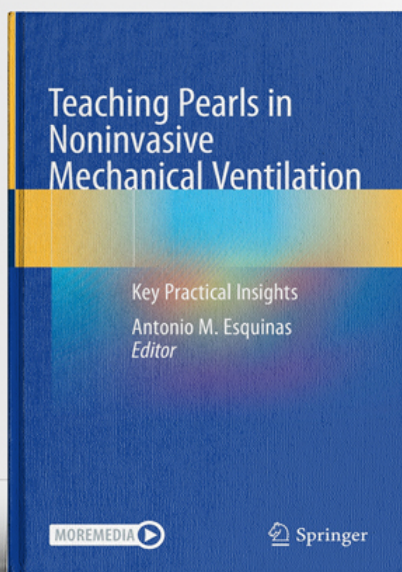




Encuadernación Tapa blanda

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 Ventilation 1st 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](#)