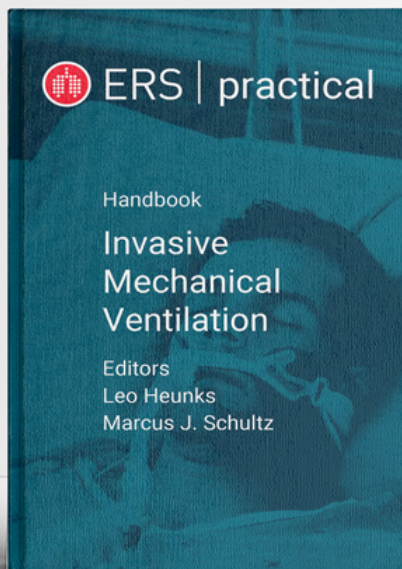




**Encuadernación** Tapa blanda

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## DESCRIPCIÓN DEL PRODUCTO

Invasive ventilation is a frequently used lifesaving intervention in critical care. The ERS Practical Handbook of Invasive Mechanical Ventilation provides a concise “why and how to” guide to invasive ventilation, ensuring that caregivers can not only apply invasive ventilation, but obtain a thorough understanding of the underlying principles ensuring that they and their patients gain the most value from this intervention.

The editors have brought together leading clinicians and researchers in the field to provide an easy-to-read guide to all aspects of invasive ventilation. Topics covered include: underlying physiology, equipment, invasive ventilation in specific diseases, patient monitoring, supportive therapy and rescue strategies, inhalation therapy during invasive ventilation, weaning from invasive ventilation and technical aspects of the ventilator.

Índice del libro ERS Practical Handbook of Invasive Mechanical Ventilation 1st edition

Preface

Get more from this Handbook

List of abbreviations

**Conflicts of interest**

**1. Physiology**

Mechanisms of hypoxaemia and hypercapnia

Respiratory mechanics

Effects of invasive ventilation on the lungs

Effects of invasive ventilation on the respiratory muscles

**2. Getting the basics right: artificial airway and ventilator modes**

Artificial airways

Controlled modes

Partially supported modes

Proportional modes

Automated modes

**3. Getting the basics right: mechanical ventilation in specific diseases**

Invasive ventilation in ARDS

Invasive ventilation in obstructive airway disease

Invasive ventilation in interstitial lung diseases

**4. Monitoring the ventilated patient**

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Monitoring ventilation

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Inhalation therapy in ventilated patients

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Failure to wean and causes for difficult weaning

Weaning: a practical approach

Tracheostomy

Physiotherapy and speech therapy in ventilated patients

## 8. Technical aspects of the ventilator

Technical aspects of the ventilator

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