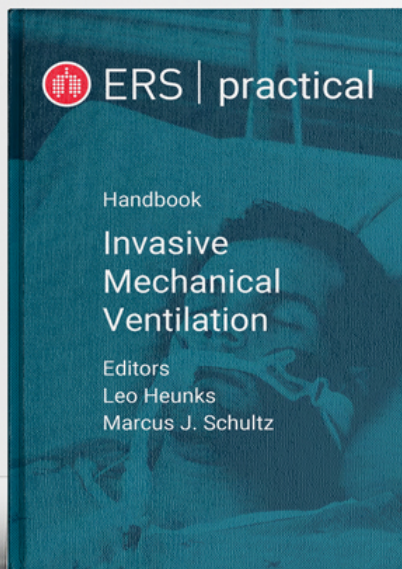




Encuadernación Tapa blanda

Páginas 300

Año 2019

Edición 1era edición

Autor Leo Heunks, Marcus J. Schultz

Editorial European Respiratory Society

ISBN 9781849841221

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

Monitoring oxygenation

Monitoring ventilation

Monitoring respiratory mechanics

Monitoring breathing effort

Electrical impedance tomography

Monitoring lung aeration: lung ultrasound

Monitoring respiratory muscles: respiratory muscle ultrasound

Monitoring lung pathology: chest radiography and computed tomography

Monitoring patient-ventilator interaction

5. Supportive therapy and rescue strategies in hypoxaemic failure

Extracorporeal lung support

Prone position in ARDS

Recruitment manoeuvres

Pulmonary vasoactive drugs

6. Inhalation therapy in ventilated patients

Inhalation therapy in ventilated patients

7. Weaning from mechanical ventilation

Weaning definition and outcome

Weaning protocols and automatic modes

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

» [*Más libros de Anestesiología*](#)

» [*Más libros de Medicina intensiva*](#)

» [*Más libros de Ventilación mecánica*](#)

» [*Síguenos en Facebook*](#)