Sepsis

New Strategies for Management
Preface

Infectious-related mortality has remained an important problem around the world, and the majority of these deaths are related to pneumonia and sepsis. Although new interventions have emerged over the last decade, the mortality rates for these illnesses have remained significantly high and represent an important health care problem. This book is intended to address new concepts in medical care for a wide variety of clinicians who are involved in the care of patients with pneumonia and sepsis. This material is a compendium that goes from basic science research regarding genetics in sepsis and the impact of inflammation and aging in pneumococcal disease to new and future interventions translating basic information into clinical practice. Other topics covered in this book include issues regarding antibiotic therapy, such as other roles for macrolides, and appropriate dose adjustment and pharmacodynamic considerations. Finally, a wide variety of novel and innovative therapies are reviewed, including corticosteroids, statins, and nonspecific removal of sepsis mediators that are being used in patients with pneumonia and sepsis.

An outstanding panel of international experts has focused on recent developments. It has been an honor working with them, and thanks to their efforts the bulk of the references are less than five years old. Ms. Rosi Luque, with the sponsorship of the CIBERes, helped us in the coordination of the editorial work, and we are indebted to her for this. The authors hope that their experiences as summarized in these pages are of value to the reader and, ultimately, improve the care of patients with pneumonia and sepsis.

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# Contents

1 Macrolides in Severe Community-Acquired Pneumonia and Sepsis ................................. 1  
Marcos I. Restrepo, Eric M. Mortensen, Grant W. Waterer, Richard G. Wunderink, and Antonio Anzueto

2 The Potential Role of Statins in Severe Sepsis ................................. 19  
Eric M. Mortensen, Marcos I. Restrepo, and Antonio Anzueto

3 The Genetics of Sepsis: The Promise, the Progress and the Pitfalls ................................. 29  
Grant W. Waterer

4 Corticoids in Severe Pneumonia ................................. 45  
Carlos Agustí, Oriol Sibila, and Antoni Torres

5 Aging, Inflammation, and Pneumococcal Disease ................................. 53  
Angela J. Rodriguez and Carlos J. Orihuela

6 Nonspecific Removal of Sepsis Mediators ................................. 69  
Xosé Luis Pérez-Fernandez, Joan Sabater Riera, and Rafael Mañez

7 Optimal Antibiotic Use in Severe Community-Acquired Pneumonia ................................. 85  
Alejandro Rodríguez, Mónica Magret, and Jordi Rello

8 Dose Adjustment and Pharmacodynamic Considerations for Antibiotics in Severe Sepsis and Septic Shock ................................. 97  
Andrew Udy, Jason Roberts, Robert Boots, and Jeffrey Lipman

Index ........................................................................................................... 137
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