

1. Record Nr.	UNINA9910689889603321
Titolo	Wildfires in the West : is the Bush administration's response adequate? : hearing before the Subcommittee on Energy Policy, Natural Resources, and Regulatory Affairs of the Committee on Government Reform, House of Representatives, One Hundred Eighth Congress, second session, May 5, 2004
Descrizione fisica	1 online resource (iii, 243 p.) : ill
Soggetti	Wildfires - Prevention and control - Government policy - United States Forest fires - Prevention and control - Government policy - United States Forest policy - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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2. Record Nr.	UNINA9910743353303321
Titolo	Acute Respiratory Distress Syndrome : Advances in Diagnostic Tools and Disease Management // edited by Sadatomo Tasaka
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-8370-0 981-16-8371-9
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (182 pages)
Collana	Respiratory Disease Series: Diagnostic Tools and Disease Managements, , 2509-5560
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Nota di bibliografia

Includes bibliographical references.

Nota di contenuto

Part I: Definition, Epidemiology, and Pathophysiology -- Chapter 1. Definition of ARDS: Does the Berlin Definition Fit the Clinical Entity and Predict the Outcome? -- Chapter 2. Epidemiology and Risk Factors of ARDS: How many is the Real Incidence of ARDS? -- Chapter 3. Pathophysiology of ARDS: What is the Current Understanding of Pathophysiology of ARDS? -- Part II: Diagnosis -- Chapter 4. Imaging Diagnosis of ARDS: How Can We Know the Severity and Prognosis from the Lung Imaging? -- Chapter 5. Serum Markers of ARDS: How Can We Know the Severity and Prognosis from the Serum Markers? -- Part III: Management -- Chapter 6. Ventilatory Management for Patients with ARDS: Established and Rapidly Evolving Strategies -- Chapter 7. Non-invasive Ventilation and High-flow Oxygen Therapy for ARDS: Does Non-invasive Ventilatory Management Improve the Outcome of ARDS Patients? -- Chapter 8. Fluid and Nutritional Management of ARDS: What is the Ideal Fluid and Nutritional Management for an ARDS Patient? -- Chapter 9. CHDF and ECMO for ARDS: Does CHDF and ECMO Improve the Outcome of ARDS Patients? -- Chapter 10. Physiotherapy and Early Rehabilitation for Patients with ARDS: Does Physiotherapy Improve the Functional Outcome of ARDS Patients? -- Part IV: Current Topics -- Chapter 11. MicroRNAs and Extracellular Vesicles for Diagnosis of ARDS: Can MicroRNAs and Extracellular Vesicles be Helpful for Early Diagnosis or Risk Evaluation of ARDS? -- Chapter 12. Stem Cell Therapy and Regenerative Medicine for ARDS: Can Stem Cell Therapy and Regenerative Medicine Contribute to the Protection or Recovery of the Injured lungs? -- Chapter 13. Imaging Technique for Ventilatory Management of ARDS Patients: Novel Monitoring Tool-Electrical Impedance Tomography.

Sommario/riassunto

Divided into thirteen chapters, this book provides a wealth of research-oriented findings and practical guidance, ranging from the definition, epidemiology and pathophysiology, to the diagnosis and management of the disease. Although acute respiratory distress syndrome (ARDS) is defined by the acute onset of noncardiogenic pulmonary edema, hypoxemia and the need for mechanical ventilation, it is a heterogeneous disease entity, which makes it difficult to develop specific therapies. Treatment tends to focus on lung-protective ventilation, and no specific pharmacotherapies have been identified. All chapters were written by respected experts in the field, and summarize the latest trends, share recent research findings, and outline future prospects. Specific chapters are devoted to novel, promising diagnostic approaches, such as microRNA, which may improve our ability to identify early ARDS or at-risk patients. In addition, a dedicated chapter explores cell-based therapies and regenerative medicine, which offer potential therapeutic options. Acute Respiratory Distress Syndrome - Advances in Diagnostic Tools and Disease Management offers a valuable reference guide not only for young physicians and trainees, but also for experienced or teaching physicians, medical educators, and basic researchers. Readers will find the latest information on ARDS and come to understand the current challenges, encouraging them to further advance the diagnosis, treatment and clinical research on this disease.