

1. Record Nr.	UNINA9910300332603321
Titolo	Anaesthesia, Pharmacology, Intensive Care and Emergency A.P.I.C.E : Proceedings of the 25th Annual Meeting - International Symposium on Critical Care Medicine / / edited by Antonino Gullo
Pubbl/distr/stampa	Milano : , : Springer Milan : , : Imprint : Springer, , 2014
ISBN	88-470-5516-4
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (253 p.)
Disciplina	616.028
Soggetti	Medical sciences Health Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I Advances on Intensive and Critical Care Medicine -- 1 Combining Clinical and technology in Critical care Medicine -- 2 Ultrasound in Critical Care -- 3 Assessment and Management of Circulatory Failure -- 4 Simulation in Critical Care -- Part II Trauma -- 5 Trauma Care Organization and Priorities -- Part III Cardiovascular System -- 6 Cardiovascular Risk in non Cardiac Surgery -- Part IV Kidney -- 7 CRRT: Challenges and Evidence -- Part V Lung -- 8 Old and New Strategies on Artificial Ventilation in ARDS Patients -- 9 Postoperative Respiratory Complications -- 10 Minimally Invasive Surgical Procedures in Thoracic Surgery -- Part VI Severe Infections, Sepsis and MODS -- 11 Diagnosis of Ventilator Associated Pneumonia (VAP) -- 12 Rationale of Antibiotics anti MRSA in Pneumonia -- 13 The Role of Microbiology for Diagnosis of Fungal Infections -- 14 Spectrum of Sepsis and MODS -- 15 Immunoglobulin as Adjunctive Therapy in Sepsis -- Part VII Cardiac Arrest: Optimization of Current Protocols -- 16 Determinants for More Efficient Defibrillation Waveforms -- 17 Post-resuscitation Hypothermia and Monitoring -- Part VIII Humanization -- 18 Palliative Care in Pediatrics -- 19 End of Life Care.
Sommario/riassunto	The APICE 2013 yearbook examines recent advances in various aspects of critical care medicine and highlights the importance of effective communication among researchers, scientists, and clinicians. Among the many topics addressed are trauma care organization, the

management of patients with cardiovascular, kidney, and lung disorders, issues relating to severe infections and sepsis, and the humanization of end of life care. The overriding goal of the book is to provide guidance and stimulate further thought on how professional performance in critical care medicine can be improved. "Triple B" translational research, from the bench to the bedside and back again (via the translation of clinical observations into new research questions), will play a major role in this context, and is particularly discussed in the chapter about sepsis and organ dysfunction. There is no doubt that the transfer of far-reaching and dynamic developments in molecular and cellular biology into clinical practice will be a key component in delivering the care required by individual patients.

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