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| Titolo | Surgical Critical Care Therapy : A Clinically Oriented Practical Approach // edited by Ali Salim, Carlos Brown, Kenji Inaba, Matthew J. Martin |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018 |
| ISBN | 3-319-71712-X |
| Edizione | [1st ed. 2018.] |
| Descrizione fisica | 1 online resource (700 pages) : illustrations |
| Disciplina | 617.1 |
| Soggetti | Traumatology Surgery Anesthesiology Critical care medicine Traumatic Surgery General Surgery Intensive / Critical Care Medicine |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | TBI -- Managing elevated ICP -- Spinal cord injury -- Analgesia and sedation -- Delirium and Alcohol Withdrawal -- Brain death evaluation and determination -- Potential organ donor management -- Care of the postop craniectomy/craniotomy patient -- Arrhythmias (Blunt Cardiac Injury, Pacemaker Issues) -- Acute coronary syndrome -- Hemodynamic monitoring -- End points of resuscitation -- Care of the postop cardiac surgery patient (LVAD, Transplant) -- Hypothermia after cardiac arrest -- Assessment and management of acute respiratory distress in the ICU (Hypoxia/Hypercapnea) -- Noninvasive Ventilation -- Conventional Mechanical Ventilation -- Advanced Modalities for Respiratory Failure (High-frequency Mechanical, APRV, Ventilation, Proning, Nitric Oxide) -- ARDS (Causes, Diagnosis, Management) -- Management of the postop lung resection patient (transplant) -- Stress ulcer prophylaxis -- Nutrition -- Abdominal compartment syndrome -- Acute liver failure -- Acute pancreatitis -- Management of the postop abdominal catastrophe and open abdomen -- Acute kidney injury |

(causes [Rhabdo], diagnosis, management) -- Renal replacement therapies -- Post Genitourinary procedures (metabolic abnormalities of ileal conduit, Kidney transplant) -- VTE prophylaxis and treatment -- Blood products and transfusion therapies (restrictive transfusion) -- Damage control resuscitation -- Anticoagulants and antiplatelet agents -- Coagulopathies and hypercoaguable states (HIT, factor deficiencies, VW disease, hemophilia) -- Antibiotic and Antifungal therapy (mechanism of action) -- SIRS/Sepsis/Septic Shock/MOSF -- CLABSI -- CAUTI -- VAP -- Fungal, Viral, and other oddball infections and the immunosuppressed patient -- Postoperative abdominal infection -- New fever in SICU patient -- Glucose control -- Adrenal insufficiency -- Thyroid hormone abnormalities -- Fluids (crystalloids, colloids, Hypertonic) -- Sodium abnormalities -- Potassium abnormalities -- Other electrolyte abnormalities -- Acid/base disorders -- Cirrhosis and End Stage Liver Disease -- Obese -- Elderly -- Burns -- Transplant (Cardiac, Pulmonary, Liver)- care of the post-transplant patient, medications, rejection -- Obstetric-Gynecologic (physiology, HELLP, amniotic fluid embolism) -- Pediatrics (life threatening pediatric conditions)- resuscitation, common congenital life threatening issues-ecmo, mechanical ventilation -- End of life ad Palliative Care (futility) -- Ethics -- Biostatistics -- ICU Organization and Administration -- Billing -- Tracheostomy (open and perc) -- Gastrostomy (open, perc, and laparoscopic) -- Central line placement -- PA catheter -- ECMO -- ICU ultrasound.

Sommario/riassunto

This text provides a comprehensive, state-of-the art review of this field, and will serve as a valuable resource for clinicians, surgeons and researchers with an interest in surgical critical care. The book reviews up to date data regarding the management of common problems that arise in the Surgical Intensive Care Unit. The protocols, care bundles, guidelines and checklists that have been shown to improve process measures, and in certain circumstances, are discussed in detail. The text also discusses several well designed randomized prospective trials conducted recently that have altered the way we care for surgical patients with traumatic brain injury, hemorrhagic shock, acute respiratory distress syndrome, and sepsis. This book provides the practicing physician with a clinically oriented practical approach to handle basic and complex issues in the Surgical Intensive Care Unit. This text will serve as a very useful resource for physicians dealing with critically ill surgical patients. It provides a concise yet comprehensive summary of the current status of the field that will help guide patient management and stimulate investigative efforts. All chapters are written by experts in their fields and include the most up to date scientific and clinical information. This text will become an invaluable resource for all graduating fellows and practicing physicians who are taking the surgical critical care board examinations.
