

1. Record Nr.	UNINA9910254554303321
Titolo	Anesthesia Student Survival Guide : A Case-Based Approach // edited by Jesse M. Ehrenfeld, Richard D. Urman, Scott Segal
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-11083-7
Edizione	[2nd ed. 2016.]
Descrizione fisica	1 online resource (594 p.)
Disciplina	610
Soggetti	Anesthesiology Critical care medicine Intensive / Critical Care Medicine
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 at the end of each chapters and index.
Nota di contenuto	Part I. Introduction to Anesthesiology -- 1. How to be a "Star" Student, Career Options, and the Match -- 2. History of Anesthesia and Introduction to the Specialty -- Part II. Pharmacology -- 3. Pharmacology Principles -- 4. Pharmacology of Intravenous Agents -- 5. Pharmacology of Inhalational Agents -- 6. Pharmacology of Local Anesthetics -- 7. Pharmacology of Adjunct Agents -- Part III: Preoperative Considerations -- 8. The Preoperative Patient Evaluation -- 9. Airway Evaluations and Management -- 10. The Anesthesia Machine -- 11. Anesthesia Equipment and Monitoring -- Part IV: Intraoperative Considerations -- 12. Anesthetic Technique: General, Sedation, MAC -- 13. Anesthetic Technique: Regional -- 14. Electrolytes, Fluid, Acid-Base and Transfusion Therapy -- 15. IV, Arterial and Central Line Gastric Tube Placement Techniques -- 16. Common Intraoperative Problems -- Part V: Systems Physiology and Anesthetic Subspecialties -- 17. Physiology & Anesthesia for Cardiac and Thoracic Surgery -- 18. Physiology & Anesthesia for Neurologic, ENT and Ophthalmic Surgery -- 19. Physiology & Anesthesia for Obstetrics -- 20. Physiology & Anesthesia for General and Bariatric Surgery -- 21. Physiology & Anesthesia for Urologic Surgery -- 22. Physiology & Anesthesia for Pediatric Surgery -- 23. Physiology &

Anesthesia for Elderly Patients -- 24. Anesthesia for Trauma and Orthopedic Surgery -- Part VI: Postoperative Considerations -- 25. Perioperative Acute and Chronic Pain Management -- 26. Post Operative Care Unit and Common Postop Problems -- 27. Introduction to Critical Care -- Part VII: Special Topics -- 28. Professionalism, Safety, and Teamwork -- 29. Quality Assurance, Patient and Provider Safety -- 30. Ethical and Legal Issues in Anesthesia -- 31. Clinical Simulation in Anesthesia Education.

---

Sommario/riassunto

Edited and written by leading educators, this popular book for the anesthesiology rotation has been thoroughly updated and retains its distinctive case-based approach. The Second Edition features a thorough revision of the discussion of ventilator management, improved coverage of extubation criteria, and the latest guidelines and algorithms for preoperative assessment. Considerations for quality improvement and patient safety have been expanded throughout the book. Anesthesia Student Survival Guide provides a complete introduction to the specialty and is aimed at medical and nursing students as well as practitioners in critical care who seek a succinct overview of anesthesiology. From reviews of the First Edition: "...an excellent resource for the student wanting a deeper understanding of what is essentially a post-graduate subject, for example, an elective student." --British Journal of Anaesthesia "This is an excellent introduction to the specialty for third-year medical students, covering a broad range of material at a sufficient depth to be useful, and providing a good structure for a comprehensive course of self-directed study." --Doody's Review Service "The writing style is uniformly strong, which makes the book easy to read....[It] serves not only as an excellent resource for students and other learners seeking an introduction to anesthesia but also as a platform for teaching the basics. It will be a welcome addition to the libraries of teaching departments." --Canadian Journal of Anesthesia .

---