

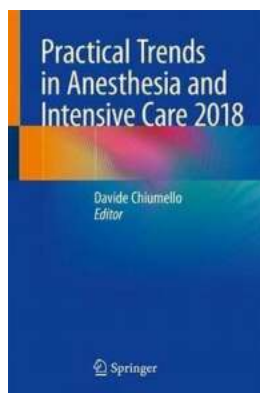
The Latest Practical Trends in Anesthesia and Intensive Care for 2018 That Will Revolutionize Patient Care

Anesthesia and intensive care are two critical areas of medicine that have seen significant advancements in recent years. As technology continues to evolve and new research emerges, healthcare professionals are continuously finding innovative ways to enhance patient care and improve outcomes. In this article, we will explore the latest practical trends in anesthesia and intensive care for 2018 that are set to revolutionize the field.

1. Enhanced Recovery After Surgery (ERAS) Protocols

Enhanced Recovery After Surgery (ERAS) protocols have gained considerable attention in 2018. These protocols involve implementing a multidisciplinary approach to optimize patient recovery following surgery. By incorporating evidence-based practices such as preoperative carbohydrate loading, minimizing preoperative fasting, and postoperative pain control, ERAS protocols result in faster patient recovery, reduced hospital stays, and fewer postoperative complications.

2. Targeted Temperature Management (TTM)



Practical Trends in Anesthesia and Intensive Care

2018 by Laura Katz Rizzo (1st ed. 2019 Edition, Kindle Edition)

★★★★☆ 4.6 out of 5

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Print length : 256 pages



Targeted Temperature Management (TTM) has emerged as a significant trend in intensive care. This technique involves maintaining patients at specific temperature ranges to minimize neurological damage following cardiac arrest or traumatic brain injury. By carefully controlling the patient's body temperature within a narrow range, healthcare providers can improve outcomes and decrease the risk of further complications.

3. Ultrasound-Guided Regional Anesthesia

Ultrasound-guided regional anesthesia has gained popularity in 2018 due to its accuracy and efficacy. This technique involves using ultrasound imaging to visualize nerves and guide the administration of local anesthetic agents. By achieving precise nerve blockade, ultrasound-guided regional anesthesia offers better pain control during and after surgery, reducing the need for systemic opioids and their associated side effects.

4. Telemedicine and Remote Monitoring

Technological advancements have led to the growth of telemedicine in anesthesia and intensive care. Telemedicine allows for remote monitoring and communication between healthcare providers and patients in real-time. This trend facilitates timely interventions, reduces the need for unnecessary hospital visits, and improves patient satisfaction. Remote monitoring of vital signs, oxygen saturation, and respiratory patterns is also emerging as a valuable tool for continuous patient assessment.

5. Personalized Medicine

Personalized medicine is making headway in anesthesia and intensive care. By taking into account an individual patient's genetic makeup, biological markers, and physiological variations, healthcare providers can tailor treatment plans to optimize outcomes. Personalized medicine allows for the customization of anesthesia and intensive care interventions based on the patient's specific needs, ultimately leading to improved patient safety and better patient outcomes.

6. Enhanced Patient Safety Measures

Patient safety remains a top priority in anesthesia and intensive care, and 2018 has brought about numerous advancements in this area. From the implementation of electronic health records (EHR) and smart infusion pumps to the use of RFID tags for medication administration and automated monitoring systems, patient safety measures have significantly enhanced. These advancements reduce the risk of medication errors, improve workflow efficiency, and ultimately contribute to a safer healthcare environment.

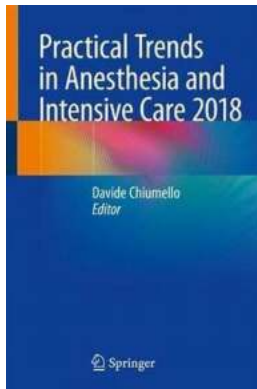
In , practical trends in anesthesia and intensive care in 2018 have paved the way for innovative approaches to patient care. From the implementation of ERAS protocols and targeted temperature management to the use of ultrasound-guided regional anesthesia and personalized medicine, healthcare professionals are continuously striving to improve patient outcomes and enhance safety. With the further integration of telemedicine and enhanced patient safety measures, the future of anesthesia and intensive care holds promise for revolutionizing the way we provide care and improve patient outcomes.

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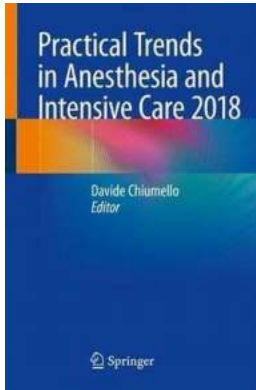


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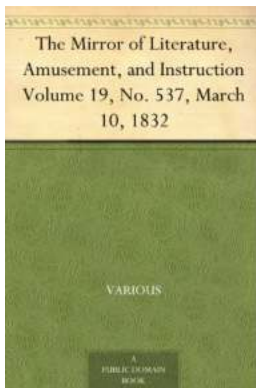
This book offers an essential guide to managing the most-debated hot topics of practical interest in anesthesia and intensive care. It reviews the state of the art in issues concerning both intensive care medicine and anesthesia, such as perioperative coagulation management, neuroaxial blockade and complications, postoperative pain management, pediatric airway management, septic shock and hemodynamic management, diagnosis and management of acute respiratory distress syndrome, and antifungal treatments for critically ill patients.

Written by leading experts and including updated references, it provides a comprehensive, easy-to-follow update on anesthesia and intensive care. The book clearly explains complex topics, offering practicing clinicians valuable insights into the latest recommendations and evidence in the field while, at the same time, making it a vital resource for students new to the fields of anesthesia and intensive care.



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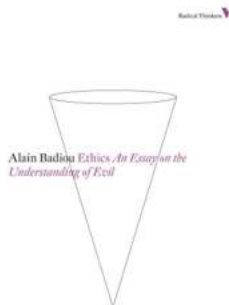
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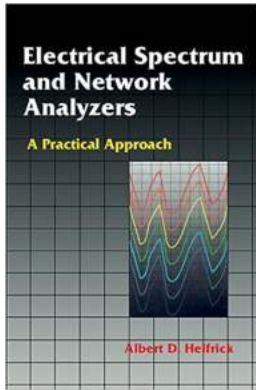
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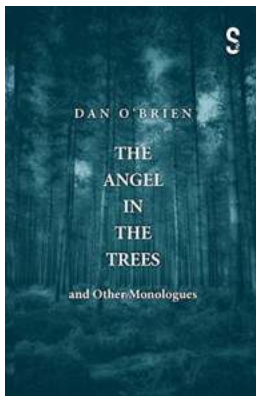
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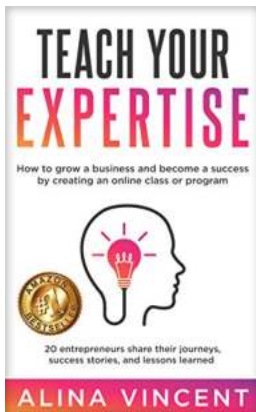
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