

1. Record Nr.	UNINA9910254522003321
Titolo	Perioperative Medicine in Pediatric Anesthesia // edited by Marinella Astuto, Pablo M Ingelmo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-21960-X
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (476 p.)
Collana	Anesthesia, Intensive Care and Pain in Neonates and Children, , 2281-1788
Disciplina	617.96798
Soggetti	Anesthesiology Pediatrics Critical care medicine Pediatric surgery Pain medicine Intensive / Critical Care Medicine Pediatric Surgery Pain 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 and index.
Nota di contenuto	Introduction -- Perioperative medicine and anesthesia -- PART I Perioperative care before surgery -- Preoperative evaluation -- Preoperative preparation -- Prehospital care and transport -- PART II Perioperative care during surgery -- Perioperative care in day hospital surgery -- Perioperative care in remote locations -- Perioperative care in orthopedic surgery -- Perioperative care of the neurosurgical patient -- Perioperative care in thoracic surgery -- Perioperative care in abdominal and urological surgery -- PART III Perioperative care in special situations and conditions -- Perioperative care of children with difficult airway -- Perioperative care of children with neuromuscular disease -- Perioperative care of children with metabolic disease -- Perioperative care in children with congenital heart disease -- Perioperative care of children with OSA -- Perioperative care of children with trauma -- Perioperative care of children with cancer --

Perioperative care of children with cerebral palsy and behavioural problems -- PART IV Important techniques for perioperative care -- Vascular and nonvascular access in the perioperative period -- US-guided nerve targets -- Noninvasive hemodynamic and respiratory monitoring during the perioperative period -- PART V. Early and long term consequences of anesthesia and surgery -- Negative behavior after surgery -- Acute pain prevention and control -- How to protect the infant brain during surgery -- Can anesthesia induce apoptosis in children?- Long-term consequences of anesthesia and surgery on the infant brain -- Prevention of chronic postsurgical pain.

Sommario/riassunto

This book provides a comprehensive overview of current practices in pediatric perioperative care. Current knowledge on vascular and nonvascular access, regional anesthesia, and noninvasive cardiovascular and respiratory monitoring is described. The prevention and treatment of postoperative pain and unsettled behavior after surgery, as well as the long-term consequences of anesthesia and surgery are discussed. Prevention of chronic postsurgical pain and the brain damage that may be associated with anesthesia and surgery are also considered. The opening section is dedicated to patient care prior to surgery and includes preoperative assessment and preparation. Care in the intraoperative period is then described, including the appropriate care when performing surgery in different locations and in various specialties, such as orthopedic surgery, neurosurgery, thoracic surgery, and abdominal and urological surgery. The subsequent section addresses perioperative care in children with special conditions, such as difficult airway, metabolic or neuromuscular diseases, or cancer. The remainder of the book is devoted to a range of further important topics and postoperative care.&nbs p;
