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Titolo	First aid perioperative ultrasound : acute pain manual for surgical procedures // edited by Jinlei Li, Wei Jiang, and Nalini Vadivelu
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Descrizione fisica	1 online resource (668 pages)
Disciplina	929.605
Soggetti	Conduction anesthesia Operative ultrasonography
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ultrasound image of Head and Neck Regional Anesthesia -- Ultrasound image of upper extremity regional anesthesia -- Ultrasound image of lower extremity regional anesthesia -- Ultrasound image of thoracic spine and chest regional anesthesia -- Ultrasound image of lumbar-Sacral spine and abdomen regional anesthesia -- Safe practice of regional anesthesia: block cart, ultrasound, intralipid, complications, guidelines -- Regional anesthesia protocols for Cranial/Head surgery -- Regional anesthesia protocols for Ophthalmic surgery -- Regional anesthesia protocols for Neck surgery -- Analgesia protocols for Proximal upper extremity: shoulder and proximal humerus procedures -- Analgesia protocols for Distal upper extremity: Elbow, Wrist/Hand procedures -- Analgesia protocols for Pelvic, Hip and Upper leg procedure -- Analgesia protocols for Distal femur/proximal Tibia/Fibula/ Knee joint procedures -- Analgesia protocols for Lower leg/Ankle/Foot procedures -- Regional anesthesia protocols for unilateral and bilateral Chest/ Thoracic procedures -- Regional anesthesia protocols for Breast procedures, with and without reconstruction with DIEP and dDAP -- Regional anesthesia protocols for cardiac procedures -- Regional anesthesia protocols for Gastrointestinal procedures -- Regional anesthesia protocols for Urological procedures: kidney, bladder, prostate -- Regional anesthesia protocols for Biliary-Hepatic, spleen, pancreatic procedures -- Regional

anesthesia protocols for Hernia: umbilical, inguinal, femoral --
Regional Anesthesia in major vascular surgeries: AAA -- Regional
Anesthesia in minor vascular surgeries: AVF, lower extremity bypass --
Analgesia protocols for Spine procedures -- Must-known special
considerations for Regional anesthesia in Pediatric patient population
-- Must-known special considerations for Regional anesthesia in
Geriatric patient population -- Must-known special considerations for
Regional anesthesia in Trauma and non-OR patients --
Acetaminophen: intravenous acetaminophen and oral acetaminophen
-- Nonsteroidal anti-inflammatory drugs (NSAIDs) -- Anticonvulsants
-- Muscle relaxants -- Antidepressants -- Alpha-2 adrenergic agonists
-- Ketamine -- Methadone -- Buprenorphine, buprenorphine/naloxone
(suboxone) -- Complimentary non-pharmacological non opioid-
techniques.

Sommario/riassunto

This handbook is an up-to-date, evidence based quick, easy reference guide for expert regional anesthesia providers. It will also be an invaluable tool and a great entry point for amateurs' sonographers who wish to understand the basics of ultrasound, its uses for diagnosis and treatment, current guidelines and standards of care. It presents in details challenges, stratification of risks, techniques, and approaches to facilitate effective ultrasound use in perioperative pain control and emergency room pain management. This uses an outline, schematic approach for easy understanding and retention. The applications of ultrasound are vast and cover the full spectrum of ultrasound guided regional anesthesia. This book concentrates and encompasses the most clinically relevant information as a first aid use of perioperative ultrasound. The chapters are concise, focusing on clinical presentations, diagnosis, differential diagnosis which will help you to deliver patient care in a timely and skillful manner. This compact book is packed with relevant, remarkable information related to ultrasound guided techniques and evidence-based protocols and latest guidelines for regional anesthesia, nerve blocks, and opioid-reducing analgesia to promote early recovery after surgery. Concise, practical, and clinically applicable for various specialties, this book fills the unmet need for understanding the usefulness and techniques of ultrasound and its application in perioperative pain management, in particular regional anesthesia and nerve blocks. This handbook enables every physician, nurse, resident and all medical staff to understand the essentials of ultrasound and regional anesthesia, its evolving techniques, and the use of modern equipment to provide patient care safely. .
