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Titolo	Pain : A Review Guide / / edited by Alaa Abd-Elseyed
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Pain mechanisms and pathways -- Anatomy of the nervous system -- Sympathetic and parasympathetic systems -- Different types of pain -- Peripheral mechanisms -- Spinal and medullary dorsal horns mechanisms -- Segmental and brain stem mechanisms -- Thalamocortical mechanisms -- Experimental models -- Peripheral mechanisms of pain transmission and modulation -- Synaptic transmission of pain in the dorsal horn -- Central sensitization -- Neurotransmitters involved in pain modulation -- Development of pain behavior in the fetus and newborn -- Physiologic and behavioral pain assessment measures in infants -- Long-term consequences of neonatal pain -- 2. Research and study design -- Critical analysis of literature and evidence-based medicine -- Principles of valid clinical research -- Effects of analysis on the clinical applicability of study results -- Components of clinical trials -- Special features of study of pain -- Outcome measures in clinical studies -- Common animal models in the study of pain -- Ethics of animal experimentation -- Ethics of pain management and research -- Professionalism and quality assurance -- Placebo, Nocebo and Pain -- Use of data from epidemiologic studies of pain -- Measurement of burden in a

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 -- 7. Other methods for treatment of pain -- Cognitive and behavioral
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 -- Psychiatric and psychological factors that impact treatment
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Biopharmacologic and neurophysiologic basis of addiction --
Interactions between addiction and pain -- Screening for substance use disorder or addiction in patients with pain -- Principles of comprehensive approach to pain management in patients with addiction -- Pharmacologic treatment of patients with addiction -- Acute pain management of patients with active addiction or in recovery -- Analgesic response to opioids in patients with addiction -- Risks and benefits of opioid use in treatment of chronic/cancer pain in patients with substance use disorder -- Needs of special populations -- Legal, regulatory, reimbursement issues limiting access to care for patients with pain and addiction -- Treatment of withdrawal -- List of addictive drugs and their metabolites in urine -- Impact of alcohol use on pain -- 28. Pain Relief in Areas of Deprivation and Conflict -- Variability of availability and access to adequate pain treatment worldwide -- Causes of pain worldwide -- Spect.

Sommario/riassunto

This concise but comprehensive guide covers all common procedures in pain management necessary for daily practice, and includes all topics on the pain medicine curricula of the American Board of Anesthesiology, World Institute of Pain/Fellow of Interventional Pain Practice, and American Board of Pain Medicine. All nerve blocks (head, neck, back, pelvis and lower extremity) are discussed. Pain: A Review Guide is aimed at trainees in pain medicine all over the world. This book will also be beneficial to all practitioners who practice pain.
