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Nota di contenuto	Foreword; Preface; Contents; Contributors; Chapter 1: Prescribing Methadone Safely; Introduction; Importance of Methadone Pharmacokinetic in Safe Prescribing; Methadone Safety and the QTc Interval Duration; Understanding Racemic Methadone and Methadone Enantiomers; Reports of Increased Deaths and ED Visits Attributed to Methadone; Methadone Induced QTc Prolongation and TdP; "Windows" for Risk of Toxicity; Opioid Rotation; Resuming Methadone Prescribing After Imprisonment; Missing Doses at the Methadone Clinic; Exit Strategy as an Intervention for Safe Prescribing General Recommendations for Successful Methadone Prescribing Conclusions; References; Chapter 2: Use of Methadone in Opioid Maintenance Treatment; Introduction; Federal Criteria for Admission to MMT in an OTP; Admission History and Physical Exam; Determining the Methadone Dose; Tolerance; Optimal Dosing; Split Dosing; Possible Side Effects of MMT; Drug Interactions with Methadone; Prolonged QTc and ECG Screening in MMT; Ongoing Care; Comorbid Polysubstance Use; Comorbid Psychopathology; Associated Medical Problems; Chronic and Acute Pain in MMT; Toxicology Screening Take-Home Privileges Pregnancy; Detoxification and Discharge from MMT; References; Chapter 3: Treating Pain in Patients Receiving Methadone Maintenance for Opioid Dependence; Misconceptions About Pain in Patients Receiving Methadone for Opioid Dependence; Treating

Acute Pain in Patients Receiving Methadone; Treatment of Chronic Pain in Patients Receiving Methadone; Conclusion; References; Chapter 4: Methadone Side Effects: Constipation, Respiratory Depression, Sedation, Sleep-Disordered Breathing, and the Endocrine System; Introduction; Constipation; Respiratory Depression; Sedation Sleep-Disordered Breathing Endocrine Effects; Concluding Remarks; References; Chapter 5: Cardiovascular Effects of Methadone; Introduction; Mechanism of Action; Cardiovascular Effects: Epidemiological Observations; Cellular Basis: Methadone and the Prolongation of the Myocardial Cell Action Potential; Clinical Example: Long QT Syndrome and Methadone; Conclusion; References; Chapter 6: Methadone Pharmacodynamics and Pharmacokinetics; Background; Acute Pharmacodynamic Actions; Pharmacodynamic Effects: Chronic Administration; Pharmacodynamics in Treatment of Pain Pharmacodynamics in Opioid Maintenance Treatment General Pharmacokinetic Properties; Metabolism and Excretion; Special Patient Populations; Conclusion: Relationship Between Methadone Pharmacodynamics and Pharmacokinetics; References; Chapter 7: Methadone and Opioid Rotation; Opioid Rotation: Definition and Principle; Methadone Characteristics Relevant for Opioid Rotation; Clinical Considerations and Guidelines for Opioid Rotation Involving Methadone; Conclusions; References; Chapter 8: Intravenous Use of Methadone: Efficacy and Safety; Pharmacokinetic Issues of the Intravenous Route
Clinical Use

Sommario/riassunto

Methadone and buprenorphine are the only two opioids that are indicated for the management of both pain and opioid-related drug addiction. Both present unique challenges to the general practitioner and pain specialist, requiring a separate analysis from the rest of the drugs in the same family. Handbook of Methadone Prescribing and Buprenorphine Therapy is an invaluable guide to the safe use of these opioids. Authored by clinical and academic leaders from a variety of settings and backgrounds, this book includes chapters on pharmacology, adverse effects, safe rotation from other opioids, cardiac toxicity, prescribing, pharmacokinetics, equianalgesic dose, and replacement therapy. This comprehensive text provides clinicians, researchers, policy-makers and academicians a resource for all the relevant points in methadone prescribing and buprenorphine therapy.
