

1. Record Nr.	UNINA9910464251203321
Titolo	Neonatal and pediatric pharmacology : therapeutic principles in practice // [edited by] Sumner J. Yaffe, Jacob V. Aranda
Pubbl/distr/stampa	Philadelphia : , : Wolters Kluwer/Lippincott Williams & Wilkins Health, , [2011] ©2011
ISBN	1-4511-2478-3 1-4698-8987-0 1-4698-7548-9
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (1066 p.)
Altri autori (Persone)	ArandaJacob V
Disciplina	615/.1083
Soggetti	Pediatric pharmacology Children - Diseases - Chemotherapy Electronic books.
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	""Neonatal and Pediatric Pharmacology""; ""Contributors""; ""Foreword to the Fourth Edition""; ""Preface to the Third Edition""; ""Preface to the Fourth Edition""; ""Introduction and Historical Perspectives""; ""Clinical Pharmacokinetics in Infants and Children""; ""Drug Action and Therapy in the Infant and Child""; ""Drug Metabolism and Disposition in Infants and Children""; ""Pharmacogenetics, Pharmacogenomics, and Pharmacoproteomics""; ""Adherence with Pediatric Medication Regimens""; ""Clinical Trials Involving Children:""; ""Ethics of Drug Research in Pediatric Populations"" ""Therapeutic Drug Monitoring""""Drug Formulations""; ""Developmental Toxicology""; ""Biotransformation of Medications by Human Placenta""; ""Maternal Drug Intake and the Newborn""; ""Principles of Neonatal Pharmacology""; ""Perinatal Origins of Adult Defects in Drug Metabolism""; ""Renal Function and Excretion of Drugs in the Newborn""; ""The Excretion of Drugs and Chemicals in Human Milk""; ""Drugs for Hyperbilirubinemia""; ""Drugs and Lung Development""; ""Pharmacologic Treatment of Neonatal Apnea""; ""Drugs and Perinatal

Brain Injury""

""Antiretroviral Pharmacology in Pregnant Women and Newborns""

Therapeutic Applications in Pediatric Intensive Care""; ""Drug Therapy in the Pediatric Emergency Department""; ""Drug Therapy in the Adolescent""; ""Topical Medications""; ""Ophthalmologic Drugs in Infants and Children""; ""Sulfonamides""; ""Penicillins, Cephalosporins, and Other""; ""-Lactams""; ""Aminoglycosides and Glycopeptides""; ""Fluoroquinolones""; ""Macrolides, Chloramphenicol, and Tetracyclines""; ""Anthelmintic Drugs in Children""; ""Antituberculosis Drugs""; ""Antifungal Agents""

""Antiviral Drugs: Treatment of the Fetus and Newborn""

Anticonvulsants""; ""Psychopharmacology in Children and Adolescents""; ""Antihistamine Drugs""; ""Antiasthmatics""; ""Antipyretics""; ""Cardiovascular Drugs""; ""Diuretics""; ""Clinical Pharmacology of Antineoplastic Drugs""; ""Immunosuppressive and Immunomodulatory Drugs""; ""Analgesic Agents""; ""Local Anesthetic Solutions for Regional Anesthesia in Infants, Children, and Adolescents""; ""Nonsteroidal Anti-Inflammatory Drugs""; ""Antihypertensive Agents""; ""Gastrointestinal Drugs""; ""Glucocorticoids""

""Insulin and Diabetes Mellitus""""Thyroid Hormones""; ""Growth

Hormone""; ""Hematologic Agents""; ""Nutrient Supplements"";

""Childhood Vaccines""; ""Epidemiology of Adverse Drug Effects"";

""Mechanisms of Adverse Drug Reactions in Children""; ""Medication

Errors""; ""Pediatric Poisonings and Antidotes""; ""Use of Herbal

Products in Children: Risks and Unproven Benefits""; ""Pharmacologic

Management of Neonatal Abstinence Syndrome""; ""Drug Interactions in

Newborns and Children""; ""Drug Formulary for the Newborn"";

""Pediatric Drug Formulary""; ""Index""

Sommario/riassunto

""Neonatal and Pediatric Pharmacology offers guidelines for safe, effective, and rational drug therapy in newborns, children and adolescents. The book provides relevant and useful data on the molecular, physiologic, biochemical, and pharmacologic mechanisms of drug action and therapy in this population. The authors identify areas of innovative basic and translational research necessary for the continuing evaluation and development of drugs for the fetus, newborns, children and adolescents. Neonatal and Pediatric Pharmacology is a valuable reference for all health care professionals who treat the fetus, newborns, children, and adolescents, including neonatologists, nurses, pediatricians, general practitioners, students, obstetricians, perinatologists, surgeons and allied health professionals. It will be useful anytime during the day and especially in the middle of the night when knowledge of appropriate indications, safe and effective use, dosage, and therapeutic regimen for a certain drug or molecular entity is immediately needed. The book is also directed to those involved in basic, clinical, and other academic pharmacological research, the pharmaceutical industry, and regulatory agencies dealing with drug and therapeutic developments for this population. Those teaching pharmacology and therapeutics will find this compilation of information extremely useful in preparing teaching materials"--
Provided by publisher.
