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Nota di contenuto	Contents; Contributors; SECTION I: BIOLOGICAL BASES OF PEDIATRIC PSYCHOPHARMACOLOGY; I-A: DEVELOPMENTAL PRINCIPLES OF NEUROBIOLOGY AND PSYCHOPHARMACOLOGY; 1. Overview of Brain Development; 2. Synaptic Function and Biochemical Neuroanatomy; 3. Mechanisms of Signal Transduction and Adaptation to Psychotropic Drug Action; 4. Pharmacokinetics I: Developmental Principles; 5. Pharmacokinetics II: Cytochrome P450-Mediated Drug Interactions; I-B: GENETIC PRINCIPLES; 6. Molecular Genetics; 7. Pharmacogenetics; I-C: DEVELOPMENTAL PSYCHOPATHOLOGY 8. Neurobiology of Attention Regulation and its Disorders 9. Neurobiology of Early-Life Stress and its Disorders; 10. Neurobiology of Early-Onset Mood Disorders; 11. Neurobiology of Early-Onset Anxiety Disorders; 12. Neurobiology of Obsessive-Compulsive Disorder; 13. Neurobiology of Tic Disorders, Including Tourette's Syndrome; 14. Neurobiology of Immune-Mediated Neuropsychiatric Disorders; 15. Neurobiology of Childhood Schizophrenia and Related Disorders; 16. Neurobiology of Affiliation: Implications for Autism Spectrum Disorders; 17. Neurobiology of Aggression

18. Neurobiology of Eating Disorders
19. Neurobiology of Substance Abuse and Dependence Disorders; SECTION II: SOMATIC INTERVENTIONS; II-A: PSYCHOTROPIC AGENTS; 20. Stimulants; 21. Adrenergic Agonists: Clonidine and Guanfacine; 22. Antidepressants I: Selective Serotonin Reuptake Inhibitors; 23. Antidepressants II: Tricyclic Agents; 24. Antidepressants III: Other Agents; 25. Mood Stabilizers: Lithium and Anticonvulsants; 26. Antipsychotic Agents: Traditional and Atypical; 27. Anxiolytics: Benzodiazepines, Buspirone, and Others; 28. Miscellaneous Compounds: Beta-Blockers and Opiate Antagonists
II-B: OTHER SOMATIC INTERVENTIONS
29. Complementary and Alternative Medicine in Pediatric Psychopharmacology; 30. Electroconvulsive Therapy and Transcranial Magnetic Stimulation; SECTION III: ASSESSMENT AND TREATMENT; III-A: GENERAL PRINCIPLES; 31. Clinical Assessment of Children and Adolescents Treated Pharmacologically; 32. Clinical Instruments and Scales in Pediatric Psychopharmacology; 33. Thinking About Prescribing: The Psychology of Psychopharmacology; 34. Combining Pharmacotherapy and Psychotherapy: An Evidence-Based Approach; III-B: SPECIFIC DISORDERS AND SYNDROMES
35. Attention-Deficit Hyperactivity Disorder
36. Depressive Disorders; 37. Bipolar Disorder; 38. Anxiety Disorders; 39. Obsessive-Compulsive Disorder; 40. Tourette's Syndrome and Other Tic Disorders; 41. Early-Onset Schizophrenia; 42. Autistic and Other Pervasive Developmental Disorders; 43. Post-traumatic Stress Disorder; 44. Eating Disorders; III-C: SPECIAL CLINICAL POPULATIONS; 45. Substance-Abusing Youths; 46. Individuals with Mental Retardation; 47. The Medically Ill Child or Adolescent; 48. Psychopharmacology During Pregnancy: Infant Considerations
49. Psychopharmacological Treatment of Preschoolers

Sommario/riassunto

This is a comprehensive text on the use of medication in the treatment of children and adolescents with serious neuropsychiatric disorders. It reconciles recent research findings with good clinical practice.
