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Sommario/riassunto

This unique book presents an up-to-date discussion of clinical disorders of the pituitary gland in children with specific emphasis on state-of-the-art diagnostic and treatment modalities, highlighting the newest scientific advances in genomics and molecular biology that clinician-scientists caring for children need to know. Chapters focus on the current knowledge base in genomics, pathophysiology, diagnosis, and medical and surgical management, organized into thematic sections. Part I discusses embryologic and genetic disorders, including genomics and congenital disorders of the pituitary. Part II presents acquired pituitary disorders, such as prolactinomas, Cushing's Disease, and both hormone secreting and non-secreting pituitary tumors. Subsequent sections cover posterior pituitary disorders, such as diabetes insipidus, functional hormone deficiencies of the hypothalamic-pituitary axis, including delayed puberty and pubertal disorders and growth hormone disorders, neuro-ophthalmic disease, CNS radiation, childhood cancer treatment and traumatic brain injury. Authoritative and comprehensive, Pituitary Disorders of Childhood will serve as a precise guide for clinical endocrinologists and will guide future investigation into translational and clinical research on the pediatric pituitary.
