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Nota di contenuto	Section I: The Pituitary Gland in Childhood and Adolescence -- Pituitary Disorders Affecting Linear Growth: Short Stature -- Pituitary Disorders Affecting Linear Growth: Tall Stature -- Childhood Neoplasms and Impact on Development -- Central Precocious Puberty -- Transitions in Care of the Adolescent with Pituitary Dysfunction -- Section II: Fertility and Optimization of Reproductive Potential -- Maintenance of Fertility in the Male Patient with Hypogonadism -- Preconception Management of Female Patients with Hypopituitarism -- Acromegaly: Pre-conception Management -- Prolactinomas: Pre-conception Management -- Cushing's Disease: Pre-conception Management -- Functional Gonadotropinomas: Pre-conception Management -- Optimization of Care for the Female Patient with hypopituitarism Using Reproductive Technologies -- Section III: Management of the Pregnant Patient -- Management of Hormone Replacement Therapies in the Hypopituitary Patient During Pregnancy -- Management of the Patient with Acromegaly During Pregnancy -- Management of the Patient with Prolactinoma During Pregnancy -- Management of the Patient with Cushing's Disease During Pregnancy -- Post-partum Pituitary Disorders: Hypophysitis -- Post-partum Pituitary Disorders: Sheehan's Syndrome -- Section IV: Optimizing Health for Adults with Pituitary Disorders -- Growth Hormone Replacement in the Adult Patient -- Minimizing Cardiometabolic Risk Factors in the Pituitary Patient: Hypopituitarism -- Minimizing Cardiometabolic Risk Factors in the

Pituitary Patient: Acromegaly -- Minimizing Cardiometabolic Risk
Factors in the Pituitary Patient: Cushing's Syndrome -- Benefits and Risks of Hormone Replacement in the Female Hypogonadal Patient -- Benefits and Risks of Hormone Replacement in the Male Hypogonadal Patient -- Testosterone Replacement in the Hypogonadal Male -- Section V: Non-tumoral Causes of Hypopituitarism in the Adult -- Impact of Repetitive and Traumatic Brain Injury -- Immunomodulatory Treatments for Neoplasms and Impact on Pituitary Function -- Infiltrative Disorders of the Hypothalamus and Pituitary -- Opioid Interference with Hypothalamic-Pituitary Function -- Impact of HIV on the Hypothalamic-Pituitary Axis -- Section VI: Hypothalamic-Pituitary Disorders in the Elderly -- Surgical Risk and Outcomes for Pituitary Adenomas and Other Sellar and Suprasellar Lesions -- Benefits and Risks of Testosterone Replacement in the Elderly Hypogonadal Man -- Benefits and Risks of GH Replacement in the Elderly.

Sommario/riassunto

The pituitary gland is often referred to as the master gland, coordinating hormonal signals from the hypothalamus and peripheral circulation to maintain homeostasis in the body. Patients with pituitary dysfunction are faced with challenges unique to each stage of their life cycle. For example, the goals of management for a hypopituitary adolescent transitioning to adulthood would be to optimize growth and sexual development. In early adulthood, approaches that optimize of fertility in men and women can be a priority, and the management approach will be very different from that of older adults requiring sex hormone replacement. This case-based guide will provide practical clinical guidance on approaches to the management of pituitary disorders organized by time of life, from childhood and fertile years through to older age. Sensibly divided into sections, various pituitary disorders and conditions are described and relevant treatment strategies are outlined. Sections included discussions of the unique considerations for the pituitary gland in childhood and adolescents, patients desiring fertility and pregnant patients, health optimization and non-tumoral diagnoses in adults, and management of disorders of the hypothalamic-pituitary axis in the elderly. Each chapter presents a clinical case vignette as an introduction to the concepts and a framework for the discussion of the diagnosis, management and unique consideration of each pituitary pathology. Practical and user-friendly, *Pituitary Disorders throughout the Life Cycle* is an excellent resource for practicing clinical endocrinologists (pediatric, transitional care, adult) and reproductive endocrinologists as well as specialty residents and trainees.
