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Nota di contenuto	Growth and Development:- The Importance of Auxology for Growth Assessment.-Short stature, growth hormone deficiency and primary IGF-1 deficiency.-Disorders of Sex Development.-Puberty: normal, delayed, and precocious -- Treatment issues in the care of paediatric patients with endocrine conditions -- Transition from paediatric to adult services -- Endocrine disorders & genetics in childhood: Genetics and family history.-Congenital hyperinsulinism (CHI) in children.-Genetic syndromes presenting in childhood affecting hypothalamic function.-McCune Albright Syndrome.-Hypothalamus & Pituitary: Anatomy and physiology of the hypothalamic-pituitary axis -- Metabolic effects of the hypothalamic dysfunction -- Sella and supra

sella brain tumours and infiltrative disorders affecting the HPA-axis -- Dynamic Investigations and Diagnostic Testing -- Diagnostic Imaging -- Non functional pituitary adenomas and incidentalomas -- Thyroid Stimulating Hormone Producing Adenomas: TSHomas -- Prolactin Producing Adenomas: Prolactinomas -- Growth Hormone Producing Adenomas: Acromegaly -- ACTH Producing Adenomas: Cushing's Disease -- Pituitary surgery -- Radiotherapy -- Hypopituitarism and adult growth hormone deficiency -- The Thyroid Gland: Thyroid Anatomy and Physiology -- Thyroid Investigations -- Hyperthyroidism in adults -- Thyroid Cancer -- Diagnosis and management of hypothyroidism in adults -- Thyroid Eye Disease -- Disorders of the thyroid in childhood and adolescence -- Thyroid disease in pre and post pregnancy -- The Adrenal Gland: Anatomy and Physiology of the thyroid gland -- Congenital Adrenal Hyperplasia -- Adrenal tumours: adrenocortical functioning adenomas, pheochromocytomas, incidentalomas and adrenocortical cancer -- Adrenal insufficiency and cortisol replacement therapy in children and adults -- Female endocrinology and reproduction: Anatomy and physiology of the female reproductive system -- Assessment and management of women with Polycystic Ovary Syndrome (PCOS) -- Diagnosis and management of Turner Syndrome in Children and Adults -- Premature ovarian insufficiency, menopause and hormone replacement therapy -- Endocrine needs during pregnancy -- Male endocrinology and reproduction: Anatomy and physiology of the Hypothalamic-Pituitary-Gonadal (HPG) axis -- Classification of Hypothalamic-Pituitary-Gonadal (HPG) axis endocrine disorders -- Evaluation of endocrine disorders of the hypothalamic-pituitary-gonadal (HPG) axis -- Testosterone replacement therapy in men -- Spermatogenesis and assisted fertility treatment -- Diagnosis and management of erectile dysfunction in men -- Genetic counselling and psychosexual considerations in male health and reproduction -- Parathyroid, calcium and bone disorders: Hyperparathyroidism and Hypoparathyroidism -- Calcium Disorders -- Congenital and Acquired Bone Disorders -- Osteoporosis -- Vitamin D Deficiency and Treatment -- Obesity and disorders of lipid metabolism: Late complications after childhood cancer treatment -- Endocrinopathy after childhood cancer -- Neurocognitive dysfunction and psychosocial issues -- Endocrine emergencies: Management of hyponatraemia in adults and children -- Management of adrenal crisis in adults and children -- Thyroid emergencies: thyroid storm and myxoedema: Neuroendocrine tumours -- Multiple endocrine neoplasia -- Advanced practice nursing in endocrinology: Role development and factors influencing role performance -- Principles and components of Advanced Practice Nursing with focus in endocrinology -- Research: audit, service evaluation and independent nursing research

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## Sommario/riassunto

This book provides a comprehensive guide for nurses practicing in any area of endocrinology and at any level of expertise. Endocrinology Nursing is a fast-developing specialty with nurses performing advanced roles and expanding their practice to run independent nurse-led services. Supported by the European Society for Endocrinology (ESE) and edited by members of the ESE Nurses Working Group, this is the first book ever published specifically for endocrine nurses. It is also an excellent resource for endocrinology specialty trainees, general practitioners, medical and nursing students, expert patients and nurses working in specialties such as fertility, osteoporosis, oncology, obesity, urology and gynaecology, who look after patients with endocrine-related disorders. This volume includes 13 sections and 69 chapters providing a comprehensive overview of adult and paediatric endocrinology but also a section on advanced practice, role

development and nursing research. It has been written by an international team of more than 100 eminent nurses, physicians, surgeons, psychologists and other healthcare professionals, which makes this book a valuable resource for any multidisciplinary team. Many patient advocacy groups have contributed with case studies which emphasises the close working relationships with patients

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