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Early Diagnosis and Treatment of Endocrine Disorders Contemporary Endocrinology Challenging Cases in Endocrinology Diagnosis and Management of Pituitary Disorders Early Diagnosis and Treatment of Endocrine Disorders Handbook of Diagnostic Endocrinology Endocrine Emergencies Contemporary Endocrinology Endocrinology of Physical Activity and Sport Cardiovascular Endocrinology: Osteoporosis Androgens in Health and Disease Endocrinology of Aging Autoimmune Diseases in Endocrinology The Human Hypothalamus Androgen Excess Disorders in Women Diseases of the Pituitary Molecular and Cellular Pediatric Endocrinology Adrenal Disorders Hormone Resistance Syndromes Contemporary Treatment of Erectile Dysfunction Prolactin Disorders Adrenal Disorders Insulin Resistance Acute Endocrinology: Diseases of the Thyroid Immunoendocrinology: Scientific and Clinical Aspects Insulin Resistance A Case-Based Guide to Clinical Endocrinology Contemporary Endocrinology Pediatric Endocrinology Pediatric Endocrinology Endocrine Hypertension Energy Metabolism and Obesity Office Andrology Developmental Endocrinology The Leydig Cell in Health and Disease Cushing's Syndrome Pituitary Disorders of Childhood Diseases of the Thyroid
Early Diagnosis and Treatment of Endocrine Disorders 2003-04-08 most endocrine diseases can be treated successfully and the patient's state of well being can usually be improved not surprisingly the earlier the diagnosis is made the more positive the clinical response early diagnosis and treatment of endocrine disorders focuses on early signs and symptoms of endocrine disorders and surveys the appropriate tests to document the diseases as well as current recommendations for therapy each chapter reviews the pathophysiology of the endocrine disease important for understanding each disorder as well as the rationale for early therapy and the basis for the early recognition and treatment of each condition although the practicing endocrinologist is likely to be quite knowledgeable regarding many of these diseases early diagnosis and treatment of endocrine disorders includes treatment of those conditions only recently classified as endocrine disorders such as polycystic ovarian syndrome obesity and hypogonadism the book also provides new approaches that are urgently needed to slow the epidemic of type 2 diabetes which should be an overriding concern for all clinicians until now no other endocrinology text has focused primarily on the details of early recognition and therapy of endocrine disorders the information in early diagnosis and treatment of endocrine disorders is presented in an orderly and easy to follow manner which should greatly facilitate the early recognition of endocrine diseases by medical students house staff primary care physicians and endocrinologists the four groups of clinical personnel to which this book is specifically directed Contemporary Endocrinology 2013-03-09 those who are familiar with the two volumes of the year in endocrinology may at first glance fail to recognize their relationship to the present volume contemporary endocrinology the name is different and the cover design different but nonetheless the admonition against judging a book by its cover is very well taken in this instance in fact contemporary endocrinology is not only the direct linear descendant of the year in endocrinology it is a purposeful clone thereof the topics are unchanged the talented group of authors is unchanged and most importantly both the objective of the work and the manner in which that objective is approached are unchanged the objective is of course to assist the reader in maintaining currency with respect to important developments both basic and clinical in the major areas of endocrinology we are all much too familiar unfortunately with the difficulty of maintaining currency these days our approach to dealing with the informational inflation that we are suffering is similar to that used by economists in dealing with monetary inflation that is to increase interest this we have attempted to do by providing for the reader an easy to read group of essays in which advances in individual areas of endocrinology are reviewed broadly synthesized and placed into perspective by a group of authors who are authorities in their individual fields they serve not as guest artists but as members of a stable editorial board that provides continuity by contributing to successive volumes Challenging Cases in Endocrinology 2002-01-18 distinguished clinician scientists describe in concise studies their most difficult cases and reveal what they did how they did it and why the cases cover a wide range of endocrine problems each case study reviews how the patient was managed details the reasons why various tests and treatments many only recently available were carried out and provides references to
ensure that those novel methodologies can be easily translated into the endocrine specialist’s daily practice. The authors provide practical solutions for these difficult to manage cases and successfully apply knowledge fresh from the laboratory to decisions about patient management. Practical and stimulating challenging cases in endocrinology demonstrate for every clinical endocrinologist precisely how specialists approach their most challenging cases and how these approaches can be effectively applied in the daily practice of endocrinology.

**Diagnosis and Management of Pituitary Disorders** 2008-03-14

This text is a review of current management techniques for pituitary tumors incorporating recent advances and discussions by experienced clinicians. The use of both endocrinologists and neurosurgeons as chapter authors allows differing perspectives to be incorporated. The book is organized around individual tumor types with additional chapter topics added for those subjects requiring special emphasis. Appropriate photographs and illustrations are incorporated as warranted.

**Early Diagnosis and Treatment of Endocrine Disorders** 2003-04-08

Experienced physicians concisely explain the pathophysiology and clinical manifestations of endocrine disorders and survey all the latest laboratory diagnostics. Topics range widely from an overview of the diagnosis of diabetes and the long-term monitoring of its complications to the evaluation of menstrual dysfunction. Coverage is also given to the diagnosis of pituitary tumors, Cushing’s syndrome, thyroid disease, and hypoglycemia. The evaluation of endocrine-induced hypertension, the assessment of dyslipidemia and obesity, and approaches to diagnosing hyper and hypocalcemia are also discussed. The authors each review the complex physiological basis of the relevant endocrine processes and provide richly instructive recommendations for follow-up and long-term management of patients.

**Handbook of Diagnostic Endocrinology** 2003-01-22

Medical emergencies due to disorders of the endocrine system represent a unique category of clinical care. Hypotension, fever, palpitations, confusion, and electrolyte abnormalities are all signs of disparate endocrine emergencies that require immediate diagnosis and treatment. Recognition of endocrine emergencies will frequently lead to rapid improvement and stabilization of the patient. In a revised and expanded second edition including the latest clinical guidelines and protocols, endocrine emergencies serves as a handy single reference for any endocrinologist, internist, hospitalist, and emergency medicine physician to rapidly identify and initiate treatment. Topics covered include acute adrenal insufficiency, diabetic ketoacidosis, thyroid storm, hyponatremia, and myxedema coma, among many others. Each chapter opens with a precis that provides in a single page a presentation of symptoms, workup, and therapy. This serves as a rapid off the shelf cue to immediately begin a differential diagnoses and therapy plan. The remainder of each chapter is an in-depth review of the pathophysiology, diagnoses, and management of the disease process. Book chapters are written by experts in the field and reflect the consensus and standard of care for specific endocrine emergencies. Updated with the latest clinical evidence and treatment options, endocrine emergencies remains...
a valuable resource for practitioners in endocrinology and internal medicine as well as emergency room physicians hospital support staff fellows and residents

**Endocrine Emergencies** 2021-04-20 understanding the influence and interaction between physical activity and the endocrine system are of paramount importance in dealing with a multitude of health problems in endocrinology of physical activity and sport renowned physicians and researchers provide a comprehensive and expanded update on the scientific clinical and practical components of endocrinology as related to sport and exercise the authors thoroughly review what is known about how such activity effects the endocrine system and how in turn these hormonal responses affect many other organs and systems of the body in addition aspects of endocrinology in non glandular tissue which have endocrine actions are addressed for example adipocytes and the release of leptin and related adipocytokines further a wide range of clinically related topics such as athletic amenorrhea osteopenia sarcopenia and hypogonadism are included this new edition critically integrates what is known about the complex interaction of the endocrine system in the sports context and will again prove immensely valuable to all physicians and clinical investigators treating those active in sports today

**Contemporary Endocrinology** 1985-01-01 over the past few decades cardiovascular disease and diabetes have emerged as major public health problems both as distinct clinical entities and as comorbid conditions as a result the fields of vascular biology and endocrinology are working more closely now than ever before with chapters by renowned experts cardiovascular endocrinology shared pathways and clinical crossroads emphasizes the considerable physiological interrelationships and clinical correlations between the specialties of cardiovascular medicine and endocrinology offering a wealth of information cardiovascular endocrinology shared pathways and clinical crossroads provides a range of insights including a novel view of the hormonal regulation of the vascular system and the disruption of the nitric oxide signaling system it also addresses the role of fatty acids and cytokines in the development of this problem importantly this unique title also provides a state of the art update on the importance of other hormones such as thyroid hormone and steroids as well as the pathophysiology of cardiovascular disease and controversies surrounding the use of hormone replacement therapy in all cardiovascular endocrinology shared pathways and clinical crossroads is a first of its kind title that discusses and summarizes important clinical topics in cardiology and endocrinology it offers clinicians and researchers an important resource for navigating the increasingly interrelated pathways of cardiovascular and endocrinologic disorders the authors discuss a range of important issues from epidemiology to bench research to translation of this research to clinical practice

**Endocrinology of Physical Activity and Sport** 2013-03-13 osteoporosis is a widespread disorder with significant worldwide health and economic impact in the second edition of the highly successful osteoporosis pathophysiology and clinical management new editor robert a adler md uses the same approach as the first edition pairing a chapter on the basic science of a disorder followed by a chapter on its clinical aspects updated and expanded this second edition includes
many new chapters reflecting the growing literature on osteoporosis
new topics cover such areas as methods of bone imaging screening for
osteoporosis adherence to therapy and even a novel and exciting
chapter on osteoporosis in men to name just several in osteoporosis
pathophysiology and clinical management second edition leading experts
in a variety of fields have once again provided a wealth of invaluable
state of the art information to illuminate the major scientific and
clinical aspects of osteoporosis
Cardiovascular Endocrinology: 2008-09-24 authoritative researchers and
clinicians review our latest understanding of andrology in both basic
science and clinical medicine topics range from explaining the biology
of androgens from several different perspectives to illuminating their
role in the development and modulation of physiologic systems authors
demonstrate in a number of cases that testosterone can be a useful
adjunct to the treatment of a variety of disease states other chapters
consider important topics such as androgens use in athletes the
potential of androgens to improve physical function and quality of
life in older men and androgens as potential male contraceptives
Osteoporosis 2009-12-14 distinguished physicians critically review the
clinical consequences of the endocrinological changes that occur with
aging in both men and women and examine the use of hormonal therapy to
reduce them topics range from bone disease and water balance in all
older people to androgen deficiency in aging males gynecomastia and
menopause the authors also discuss type ii diabetes in persons over 65
emphasizing the cognitive benefits of good glycemia control and the
interaction of nutrition and metabolism focusing on
hypcholesterolemia obesity the anorexia of aging trace elements and
vitamins the aging of the sympathetic nervous system and its impact on
hypertension in the elderly is also covered timely and authoritative
endocrinology of aging offers endocrinologists geriatricians and
primary care physicians critical insight into the endocrine problems
of our rapidly growing elderly population
Androgens in Health and Disease 2003-05-27 this is a comprehensive and
novel text that examines key features that predispose individuals to
autoimmune diseases the first section details the basic mechanism of
autoimmunity and examines immunogenetic and environmental factors in
autoimmunity the next section examines autoimmune thyroid disease the
third section takes a look at type 1 diabetes mellitus in the final
section authors explain other autoimmune endocrinopathies
Endocrinology of Aging 1999-11-05 the hypothalamus is an anatomically
small but functionally important part of the brain in functional and
pathophysiological terms the hypothalamus represents the intersection of
several areas of clinical and medical expertise the human
hypothalamus can be astutely referred to as the crossroad of
endocrinology psychiatry neurology and neurosurgery because of its
involvement in myriad physiologic functions and the varied ways
disorders involving it can manifest hypothalamic disease can initially
come to medical attention in widely disparate settings and with widely
different clinicians therefore the detection and proper care of
hypothalamic dysfunction and disease often requires carefully
coordinated multidisciplinary care this volume fills a significant
void in the medical professional community comprehensively presenting
the scope of hypothalamic structure function dysfunction and disease
to cater to the various clinical teaching and research professionals
that have a stake in this part of the human brain this text captures in one place all the information that practicing clinicians clinician scientists and researchers need to be adequately informed about various aspects of the hypothalamus in all its complexity it is comprehensive and broad in scope so that it provides relevant reference information for the wide range of professionals involved in the pre and post mortem detection diagnosis characterization care and management of various hypothalamic disorders and diseases in addition to providing a sound anatomic and physiologic foundation of the normal human hypothalamus the human hypothalamus can be used to differing degrees by medical professionals and students alike finding utility for interested general clinicians medical school and allied health professional teaching faculty as well as subspecialists in domains as wide as neurosurgery neuroendocrinology clinical psychiatry and neuro oncology

Autoimmune Diseases in Endocrinology 2007-12-26 the field of androgen excess disorders has advanced substantially since the original publication of this book the androgen excess society aes was founded to bring together investigators in the field a better understanding of the screening progression and molecular genetics of nonclassic adrenal hyperplasia ncah has improved the clinical care and diagnostic accuracy of these patients new criteria for the diagnosis of the polycystic ovary syndrome pcos were proposed in rotterdam criteria that have resulted in controversy and hopefully initiation of new studies the association of insulin resistance with pcos has been strengthened and the role of metformin in treating the infertility of the pcos has been validated risks for diabetes and more cont versially cardiovascular disease in women with pcos have received substantial investigation our understanding of the epidemiology and economic impact of these disorders has expanded emphasizing their critical importance these are but a few highlights of how the terrain has changed in a relatively brief period of time in keeping with these advances the title of this book has been revised to reflect the growing importance of pcos as the most prevalent androgen excess disorder in women and arguably as the one that might have the most serious adverse consequences for general health there are fewer chapters to provide a more focused elucidation of the area several chapters were penned by new and young authors who are conducting cutting edge research in the field

The Human Hypothalamus 2020-12-24 nineteen cutting edge review articles by leading authorities provide a comprehensive overview of the normal function of the pituitary and of the diagnosis and treatment of pituitary disorders topics range from normal hypothalamic pituitary interactions and the processes that disrupt them to new advances in pituitary imaging and appropriate surgical intervention in various pituitary disorders among the diseases discussed are congenital hypopituitarism deficiency states strategies for evaluating patients with hyperprolactinemia cushing's syndrome acromegaly and glycoprotein pituitary tumors

Androgen Excess Disorders in Women 2007-11-08 stuart handwerger md and a distinguished panel of clinicians and experts review the most significant recent developments in molecular and cellular biology powerful advances that have produced new diagnostic methods and improved treatments for many pediatric endocrine diseases topics range
from the growth hormone prolactin placental lactogen gene family and their regulation of growth to steroid hormones sexual development and mineral corticoid action additional chapters examine the pathophysiology of insulin dependent diabetes mellitus the molecular genetics of thyroid cancer the molecular basis of hypophosphatemic rickets and inherited diabetes insipidus molecular and cellular pediatric endocrinology offers today's clinicians and researchers not only the latest findings on endocrine diseases in their pediatric manifestations but also highly practical insights into today's cutting edge diagnostics treatment strategies and powerful new therapeutics Diseases of the Pituitary 2012-12-06 this practical resource provides the latest evidence management strategies and recommendations for the treatment of disorders of the adrenal glands including related physiology genetics and pharmacology this book is divided into three thematic sections the first covers adrenal physiology presenting adrenal zonation and development the regulation of steroidogenesis and the pharmacology of glucocorticoids part two discusses the genetics and pathophysiology of a number of adrenal disorders including autoimmune addison's disease congenital adrenal hyperplasia primary aldosteronism adrenocortical tumors and hyperplasias and pheochromocytomas and paragangliomas the final section presents the latest diagnostic and management strategies for these disorders addressing adrenal insufficiency adrenal cushing's syndrome and aldosteronism among others over the past twenty years our understanding of disorders of the adrenal glands has been altered and deepened providing a much needed update to the literature adrenal disorders physiology pathophysiology and treatment will be an important resource for both academic and clinical endocrinologists working with the adrenal glands and managing patients with adrenal disorders Molecular and Cellular Pediatric Endocrinology 1999-02-26 leading clinicians review in depth the clinical and molecular aspects of the hormone resistance syndromes caused by receptor mutations these mutations are involved in a large number of disorders including dwarfism laron syndrome pseudohypoparathyroidism insulin resistance resistance to thyroid hormone glucocorticoid resistance hereditary resistance to vitamin d and estrogen resistance throughout the book's distinguished contributors not only summarize the clinical features of these and related disorders but also illuminate their molecular bases hormone resistance syndromes provides an authoritative summary and standard reference for all those clinicians and researchers actively studying these mutations today and affords a unique opportunity to understand hormone action in normal physiology Adrenal Disorders 2017-10-24 erectile dysfunction can affect all age groups numerous physical and emotional risk factors may contribute to the problem these risk factors can range from chronic diseases and medications to psychological factors in the u.s alone it has been estimated that 18 to 30 million men suffer from erectile dysfunction this number has increased significantly as awareness of the disorder has heightened researchers and health care professionals now have a better understanding of what causes erectile dysfunction and the effective medications and non medication treatments used to treat the condition comprehensive and state of the art contemporary treatment of erectile dysfunction a clinical guide synthesizes the literature and
covers all aspects of treating erectile dysfunction and other related male sexual dysfunctions. This invaluable title offers all physicians residents and fellows and even medical students and other health professionals such as nurse practitioners and physician assistants an essential reference for enhancing diagnosis and treatment of this debilitating disorder.

**Hormone Resistance Syndromes 1999-01-26** this unique book will serve as a valuable resource for clinicians and researchers interested in prolactin physiology and pathophysiology and those who are involved in the care of patients with related disorders including hyperprolactinemia and prolactin secreting pituitary adenomas timely and up to date it opens with a review of the historical aspects of prolactin research and a discussion of pituitary anatomy and physiology. Several chapters examine basic and translational aspects of prolactin physiology focusing on recent developments and future directions. The main portion of the book is comprised of chapters presenting the clinical aspects of prolactin excess or deficiency with particular emphasis placed on prolactin secreting pituitary adenomas and co secreting tumors concluding chapters address prolactin secreting pituitary adenomas in special populations women in the preconception period or during pregnancy children and adolescents and men as well as plurihormonal and aggressive adenomas and carcinomas. Written and edited by experts in the field prolactin disorders will be a ready reference for a diverse array of professionals from basic scientists to clinical investigators and clinicians from several specialties including specialists in endocrinology, neurosurgery, radiation oncology and neuro oncology.

**Contemporary Treatment of Erectile Dysfunction 2010-12-17** in adrenal disorders a panel of distinguished physicians and researchers select the most relevant new findings and integrate them into the existing body of clinical knowledge on adrenal pathologies. The book includes important reviews of disturbances in cortisol homeostasis and new concepts regarding adrenal tumors and hereditary adrenal diseases also discussed are mineralocorticoids and the syndromes of mineralocorticoid excess and aldosterone synthase deficiency. Authoritative and insightful adrenal disorders provides physicians and scientists with a comprehensive state of the art practical guide to the devastating diseases of the adrenals that are so often difficult to diagnose and treat.

**Prolactin Disorders 2019-05-06** now in a revised and expanded second edition this unique text presents topics related to insulin resistance in youth and its consequences across the lifespan in the first section of the book examining epidemiology the contributors review controversies over the definition of insulin resistance in children and what is known about how insulin resistance in youth differs from adults the measurement of insulin resistance in youth in the research and clinical settings and current knowledge regarding the epidemiology of insulin resistance in the pediatric population the second section of the book explores pathophysiology including current knowledge of the molecular metabolic and physiologic mechanisms of insulin resistance the unique pathophysiology of pregnancy and puberty the contributions of the prenatal and early childhood environment to the development of insulin resistance and adipose and biochemical mediators. This section concludes with discussion of the relationship
between insulin resistance and cardiovascular disease and liver disorders a third section new to this second edition explores insulin resistance in unique models intrauterine growth restriction and girls with polycystic ovary syndrome and metabolic syndrome the final section of the book explores the concepts of treatment through medications directed at insulin sensitivity as well as exercise weight loss medications and consequences of bariatric surgery insulin resistance childhood precursors of adult disease second edition provides up to date reviews of all of these areas providing the reader with a current perspective on issues in insulin resistance in youth an emerging risk factor for disease across the lifespan that will spur continued interest in the topic on the part of clinicians and researchers perhaps promoting new points of view and creative approaches to this daunting challenge

Adrenal Disorders 2001-04-20 until recently endocrinology and critical care medicine were two specialties in medicine that were rather uncomfortable with each other and hence quite isolated fortunately these two alien disciplines have joined forces in successful attempts to perform high quality research in order to clarify the unknown by integrating endocrinology in critical care medicine or vice versa depending on the specialty of the observer new experimental and clinical data on the complex endocrine and metabolic derangements accompanying non endocrine severe illnesses came available which generated important novel insights with relevant clinical implications in addition the state of the art diagnosis and management of primary endocrine diseases that represent life threatening situations leading to icu admission has been updated this issue of contemporary endocrinology aims at compiling the new findings the book indeed covers both areas of acute endocrinology that are often taking care of at very distant sites within hospitals the first part deals with the classical life threatening illnesses caused by primary endocrine diseases such as thyrotoxicosis hypothyroidism acute adrenal crisis acute calcium disorders pheochromocytoma severe hyper and hypoglycemia the second part looks at endocrinology from the icu side starting with a general overview of the dynamic neuroendocrine and metabolic stress responses in the condition of intensive care dependent non endocrine critical illness

Insulin Resistance 2019-10-14 in this second edition of his popular and widely acclaimed book lewis braverman and a panel of international authorities have thoroughly updated and revised the first edition with fresh perspectives many new authors and the latest scientific and clinical developments in thyroid disease new to this edition are the clinical relevance of the sodium iodide symporter nis broad coverage of autoimmune thyroid disease and expanded coverage of thyroid cancer including recombinant human tsh other chapters discuss such important topics as thyroid dysfunction during pregnancy and postpartum thyroid disease in children and the elderly the evaluation and management of nodular goiter the worldwide problem of iodine deficiency and its eradication and environmental goitrogens authoritative and up to date diseases of the thyroid second edition provides internists family physicians obstetricians and gynecologists and endocrinologists alike with a highly readable guide not only to understanding thyroid disorders but also to their optimal clinical management

Acute Endocrinology: 2008-10-20 immunoendocrinology is a rapidly
developing field of research that seeks to understand the intersection of the immune and endocrine systems immunoendocrinology scientific and clinical aspects explores in detail the current knowledge of immunoendocrinology namely endocrine disorders produced by disorders of immune function chapters cover both basic pathophysiology informed by studies of animal models as well as current understanding of multiple related clinical diseases their pathophysiology diagnosis and therapy immunoendocrinology scientific and clinical aspects captures the central role of immunoendocrinologic processes in the pathogenesis of not only type 1 diabetes but in a range of other autoimmune and endocrine disorders

**Diseases of the Thyroid** 2002-12-13 in insulin resistance the metabolic syndrome x outstanding investigators thoughtfully summarize our current understanding of how insulin resistance and its compensating hyperinsulinemia syndrome x play a major role in the pathogenesis and clinical course of high blood pressure and cardiovascular disease the so called diseases of western civilization as well as polycystic ovary disease under the aegis of gerald reaven the discoverer of syndrome x the distinguished authorities writing here detail for the first time the pathophysiological consequences and the clinical syndromes excluding type 2 diabetes related to insulin resistance they also examine the genetic and lifestyle factors that contribute to the wide differences in insulin action that exist in the population at large each author has been encouraged to present a point of view that reflects their unique insights the first authoritative book on the subject insulin resistance the metabolic syndrome x illuminates the special importance of insulin resistance as a major cause of hypertension heart disease and polycystic ovary syndrome its thoughtful and detailed approach will make it an essential reference for basic and clinical researchers seeking to understand these critical phenomena

**Immunoendocrinology: Scientific and Clinical Aspects** 2010-12-13 in this thought provoking book distinguished clinicians provide stimulating instruction and insights into a wide variety of endocrine subjects teaching readers modern management of the conditions described and offering targeted entry into the literature the text reflects much of the curriculum for clinical endocrine training recommended by the association of program directors in clinical endocrinology concise cases are followed by multiple choice questions to enhance learning

**Insulin Resistance** 1999-04 a state of the art and concise guide to the clinical management of pediatric endocrine disorders the second edition of the highly regarded pediatric endocrinology a practical clinical guide covers the most common and challenging conditions seen by practicing endocrinologists and primary care physicians including growth hypothalamic pituitary adrenal thyroid calcium and bone and reproductive disorders as well as metabolic syndromes this expanded second edition includes new topics being seen more commonly in pediatric endocrinology practices related to obesity and type 2 diabetes mellitus and lipid disorders each chapter contains an introductory discussion of the problem a review of the clinical features that characterize it the criteria needed to establish a diagnosis and a comprehensive therapy section delineating the risks and benefits of the best therapeutic options available invaluable
tables summarize the critical factors in etiology clinical presentation diagnosis and therapeutic dosages pediatric endocrinology a practical clinical guide second edition is a comprehensive resource for all clinicians concerned with the myriad endocrinologic disorders seen in children and adolescents

**A Case-Based Guide to Clinical Endocrinology** 2008-06-06 an up to date and concise guide to the clinical management of pediatric endocrine disorders the text covers the most common and challenging conditions seen by practicing endocrinologists and primary care physicians including growth hypothalamic pituitary adrenal thyroid calcium and bone and reproductive disorders as well as metabolic syndromes each chapter contains an introductory discussion of the problem a review of the clinical features that characterize it the criteria needed to establish a diagnosis and a comprehensive therapy section delineating the risks and benefits of the best therapeutic options available invaluable tables summarize the critical factors in etiology clinical presentation diagnosis and therapeutic dosages

**Contemporary Endocrinology** 1996 the prevalence of hypertension is almost three times as high as that of diabetes mellitus type 2 with both conditions being major risk factors for stroke ischemic heart disease cardiac arrhythmias and heart failure the exact prevalence of hypertension related to hormonal derangements endocrine hypertension is not known but estimated to affect less than 15 of hypertensive patients recent scientific discoveries have increased the understanding of the pathophysiologic mechanisms of hypertension in endocrine hypertension a renowned panel of experts provides a comprehensive state of the art overview of this disorder discussing when to assign an endocrine cause in one of many conditions that may present with hypertension the first part of endocrine hypertension is dedicated to adrenal causes the second part of the volume concerns potential nonadrenal causes of hypertension such as growth hormone excess or deficiency primary hyperparathyroidism vitamin d deficiency testosterone deficiency insulin resistance obesity associated hypertension and the role of central mineralocorticoid receptors and cardiovascular disease an important contribution to the literature endocrine hypertension is an indispensable reference not only for endocrinologists diabetologists and adrenal investigators but also for translational scientists and clinicians from cardiology internal medicine pediatrics family medicine geriatrics urology and reproductive medicine gynecology

**Pediatric Endocrinology** 2013-02-20 this unique and authoritative book presents an up to date overview of the many aspects of energy balance and its relationships to disease processes resulting from excess energy consumption and storage it provides a comprehensive treatment of important research and clinical aspects of energy metabolism and obesity it will be a valuable resource for endocrinologists diabetes specialists internists and family practitioners

**Pediatric Endocrinology** 2010-10-28 a comprehensive and practice oriented resource guide to currently available diagnostic and treatment options for male infertility disorders topics covered range from basic sperm biology and male reproductive endocrinology to immunology specialized sperm testing and the genetic background to male infertility the authors emphasize the investigation diagnostic testing and management of the infertile male but also examine such
timely issues as gender selection hiv discordance couples and posthumous reproduction other topics of interest include laboratory accreditation vasectomy reversal ethical and legal considerations of donor insemination optimizing success in a donor insemination program and strategic therapies for ejaculatory disorders and erectile dysfunction in infertile men

Endocrine Hypertension 2012-08-30 leading researchers comprehensively translate all the latest scientific information regarding endocrine physiology and development into an understanding of the clinical pathogenesis diagnosis and treatment of endocrine disease organized by endocrine system each section of the book concisely describes the chronological development of the human organism from the fetal prenatal period through childhood adolescence and in some cases into adulthood the prenatal sections review recent discoveries concerning transcription factors homeobox genes and human molecular mutations the basic processes governing prenatal development of the individual endocrine organs and detail the pathophysiology clinical characteristics and treatment of pediatric endocrine disorders

Energy Metabolism and Obesity 2007-12-26 this book provides a comprehensive study of the leydig cell a fascinating and important cell type it presents all of the developments in our understanding of leydig cell biology and explores a wide variety of current and potential clinical applications all aspects of leydig cell biology development regulation and physiology are explored in thirty one expertly written chapters this in depth volume is an invaluable resource

Office Andrology 2007-11-05 cushing s syndrome is a relatively rare clinical disorder that is associated with many co morbidities such as systemic hypertension diabetes osteoporosis impaired immune function and growth impairment in children all of which severely reduce quality of life and life expectancy cushing s syndrome pathophysiology diagnosis and treatment reviews the difficulties in distinguishing cushing s syndrome from these and other common conditions such as central obesity menstrual irregularity and depression it also provides state of the art information on various strategies to establish the diagnosis of cushing s syndrome and the differential diagnosis among its diverse etiologies as well as therapeutic approaches additionally a range of conditions that represent challenges for the diagnosis and treatment such as renal failure pediatric age cyclic hypercortisolism and pregnancy are covered in detail a valuable resource not only for endocrinologists but also internal medicine physicians gynecologists pediatricians pituitary surgeons and urologists cushing s syndrome pathophysiology diagnosis and treatment provides insights by experts that will help all physicians dealing with cushing s syndrome to expand their knowledge about the condition and provide targeted comprehensive care

Developmental Endocrinology 2002-03-04 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 cushioning 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

The Leydig Cell in Health and Disease 2007-10-28 nationally and internationally recognized clinicians and researchers combine the latest understanding of thyroid physiology and pathophysiology with the most up to date clinical knowledge to help clinical endocrinologists and primary care physicians understand and treat a wide variety of thyroid disorders from birth to old age topics range from neonatal thyroid screening thyroid dysfunction during infancy and childhood peripartum thyroid disorders and thyroid disease in the elderly to the pathogenesis and treatment of nodular goiter thyroid cancer thyrotoxicosis and hypothyroidism the book takes advantage of the latest clinical thinking and of the newest findings of the molecular biology of thyroid hormone action

Cushing's Syndrome 2010-10-01

Pituitary Disorders of Childhood 2019-03-27

Diseases of the Thyroid 2013-03-09