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Chinese Medicine in Fertility Disorders
The Infertility Manual
Ultrasound Imaging in Reproductive
Medicine
Human Reproductive
Genetics
Reproductomics
Infertility in the Male
Surgical and Medical Management of Male Infertility
IVF in the Medically Complicated Patient
Reproductive Endocrinology and Infertility
Reproductive Medicine Secrets
Essential Reproductive Medicine
Male Sexual Dysfunction
Human Assisted Reproductive Technology
Principles and Practice of Fertility Preservation
The Boston IVF Handbook of Infertility
Fertility and Assisted Reproductive Technology (ART)
Acupuncture for IVF and Assisted Reproduction
The Fertility Doctor
Assisted Reproductive Technology Surveillance
Science and Babies
Infertility in Practice, Fourth Edition
Clinical Reproductive Medicine and Surgery
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The Fallopian Tube in Infertility and IVF Practice
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Ultrasonography in Reproductive Medicine and Infertility
Infertility Counseling
Clinical Infertility and In Vitro Fertilization
Reproductive Medicine for Clinical Practice
Standard Operational Procedures in Reproductive Medicine

Chinese Medicine in Fertility Disorders

The Fallopian tube has until recently been a neglected structure, bypassed by IVF and seen only as a tube that transports the egg to the uterus. More recently, its central role as the site of fertilization and early embryogenesis has been recognized, along with the major effects of tubal disease, such as chlamydia trachomatis, on fertility. Tubal surgery is an option for those women who avoid IVF because of anxiety about medication side-effects or for religious reasons. The tube is also the site for female sterilization and its reversal. This definitive guide to the Fallopian tube and its disorders collates all these topics, with authoritative text covering the spectrum of clinically relevant topics in a digestible fashion. It will be of interest to gynecologists, specialists in reproductive medicine and infertility and family planning, and others with interest in this fascinating and underestimated organ of reproduction.

The Infertility Manual

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Textbook of Assisted Reproductive Techniques has become a classic comprehensive reference for the whole team at the IVF clinic. The fourth edition comes more conveniently as a set of two separate volumes, one for laboratory aspects and the other for clinical applications. The text has been extensively revised, with the addition of several important new contributions on laboratory aspects including developing techniques such as PICSI, IMSI, and time-lapse imaging. The second volume focuses on clinical applications and includes new chapters on lifestyle factors, tailored ovarian stimulation, frozen-thawed embryo transfer, viral disease, and religious perspectives. As before, methods, protocols, and techniques of choice are presented by eminent international experts. The two volume set includes: ■ Volume One - Laboratory Perspectives ■ Volume Two - Clinical Perspectives

Ultrasound Imaging in Reproductive Medicine

The specialty of fertility preservation offers patients with cancer, who are rendered infertile by chemo- and radiotherapy, the opportunity to realize their reproductive potential. This gold-standard publication defines the specialty. The full range of techniques and scientific concepts is covered in detail, and the author team includes many of the world's leading experts in the field. The book opens with introductions to fertility preservation in both cancer and non-cancer patients, followed by cancer biology, epidemiology and treatment, and reproductive biology and cryobiology.

Subsequent sections cover fertility preservation strategies in males and females, including medical/surgical procedures, ART, cryopreservation and transplantation of both ovarian tissue and the whole ovary, and in-vitro follicle growth and maturation. Concluding chapters address future technologies, as well as ethical, legal and religious issues. Richly illustrated throughout, this is a key resource for all clinicians specializing in reproductive medicine, gynecology, oncology, hematology, endocrinology and infertility.

Human Reproductive Genetics

Management of the modern reproductive endocrinology and infertility clinic has become very complex. In addition to the medical and scientific aspects, it is crucial that the modern director be aware of of incongruent fields such as marketing, accounting, management, and regulatory issues. *Reproductive Endocrinology and Infertility: Integrating Modern Clinical and Laboratory Practice* was developed to assist the practicing reproductive endocrinologist and/or laboratory director by providing an overview of relevant scientific, medical, and management issues in a single volume. Experts in all pertinent areas present concise, practical, evidence-based summaries of relevant topics, producing a key resource for physicians and scientists engaged in this exciting field of medicine. As novel technologies continue to amplify, *Reproductive Endocrinology and Infertility: Integrating Modern Clinical and Laboratory Practice* offers insight into

development, and imparts extra confidence to practitioners in handling the many demands presented by their work.

Reproductomics

Incorporating orthodox medical theory and the existing evidenced-base for the use of acupuncture therapy, Acupuncture for IVF and Assisted Reproduction enables acupuncture practitioners to provide appropriate advice regarding diagnoses, orthodox tests and investigations, and tailor acupuncture treatment according to the stage of the fertility cycle, and associated underlying condition. An essential manual for all practitioners working in this area, or planning to do so. Simplifies complex information into easily accessible and understandable material Explains reproductive anatomy and physiology from the perspectives of both orthodox medicine and TCM Explains the underlying basis of orthodox medical fertility tests and investigations Explores the pathology and aetiology of TCM syndromes Provides detailed information on how to take a fertility medical history and how to diagnose TCM syndromes Presents the evidence for the influence of various lifestyle factors on fertility and ART success rates Provides guidelines on how to regulate the menstrual cycle in preparation for IVF treatment Explains how common fertility-related conditions such as endometriosis, Polycystic Ovary Syndrome, thyroid disease, and male factor infertility affect ART success rates Explains how to adapt acupuncture treatment to different ART protocols

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Provides case history templates, algorithmic acupuncture treatment pathways and patient fact sheets Explains how to manage patients with complex medical histories Looks at Repeated Implantation Failure, reproductive immunology dysfunction, and recurrent miscarriages Explains how to support patients if their IVF is unsuccessful and how to treat patients during early pregnancy Examines ethical considerations relevant to fertility acupuncture practice

Infertility in the Male

Nowhere has the impact of ultrasonography been more dramatic than in reproductive medicine, particularly in the diagnosis of female and male infertility, the management of assisted reproductive procedures and the monitoring of early pregnancy. This authoritative textbook encompasses the complete role of ultrasonography in the evaluation of infertility and assisted reproduction. Covering every indication for ultrasonography in assisted reproductive technology, this will prove an invaluable resource in the evaluation of the infertile patient and optimization of the outcome of treatment. The interpretation of images to improve fertility and reproductive success is emphasized throughout. Ultrasonography in Reproductive Medicine and Infertility is essential reading for clinicians working both in IVF clinics and in office practice. It will be particularly useful to gynecologists, infertility specialists, ultrasonographers and radiologists working in reproductive endocrinology and infertility,

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assisted reproductive technology, ultrasonography
and radiology.

Surgical and Medical Management of Male Infertility

Although impotence may be the most widely recognized manifestation of male sexual dysfunction, many other forms of sexual disorders do not involve the erectile mechanism, from deficiencies of desire to disturbances in ejaculatory function to the failure of detumescence. With such a myriad-and often co-existing-number of disorders, the successful tr

IVF in the Medically Complicated Patient

Clinical Reproductive Medicine and Surgery is the new, definitive resource in reproductive medicine. This unique text offers detailed discussion on both the medical and surgical management of reproductive disorders, as well as coverage of associated imaging modalities. Included are chapters on Reproductive Genetics, Management of Endometriosis (including interventional radiology), Ultrasonography and Sonohysterography, Preservation of Fertility, and Recurrent Pregnancy Loss. The book also features an accompanying DVD with additional images and video loops. A resource every practitioner interested in Reproductive Endocrinology and Infertility needs! Offers detailed discussion of medical and surgical management of reproductive disorders No other text offers coverage of both medical and surgical management in one resource. Covers gynecologic

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disorders that impact fertility--an important aspect of identifying fertility issues, not included in major competition Section on basic reproductive biology Not overly detailed -- Written for a clinician to understand how to practice reproductive medicine Section on reproductive imaging Unique to this text - includes US and MRI of the reproductive organs Algorithm in each chapter 4-color throughout Demonstrates the appropriate clinical investigation and management Offers attractive layout and best views of surgical procedures Perform reproductive surgery procedures with step-by-step guidance on intrauterine device insertion and laparoscopic surgery with detailed images and videos on the accompanying dvd

Reproductive Endocrinology and Infertility

Written by world-renowned experts, this textbook comprehensively covers the evaluation, treatment and prevention of male infertility.

Reproductive Medicine Secrets

Written by experts in Chinese medicine, this textbook provides a comprehensive overview of Chinese medicine therapies for fertility disorders. It opens by reviewing the basics of current Western reproductive medicine in terms of diagnosis, treatment options, and possible risks. The book then introduces the reader to traditional Chinese fertility treatments, providing information about how they complement Western reproductive medicine. The authors describe

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in detail the different treatment methods, ranging from qi gong and tui na to moxibustion and acupuncture to Chinese dietetics and medicinal therapy. The main section of the book provides in-depth discussion of specific fertility disorders and their management, including menstrual disorders, early menopause, sexual disorders, male infertility, endometriosis, and polycystic ovary syndrome. It closes with a section on patient support, addressing issues such as the mind-body relationship and the impact of stress. Key features: Case studies with real-life examples of specific treatment approaches Information on both Chinese and Western therapies Perspectives from numerous Chinese medicine specialists Extensive quotations from classical texts in translation Historical, cultural, and social perspectives on the issue of fertility in Chinese culture, modern and ancient Chinese Medicine in Fertility Disorders is an invaluable resource for practitioners in complementary medicine, including acupuncturists and Chinese herbalists who wish to include fertility treatment in their practice, and a useful reference for all physicians who seek to expand their perspective on managing fertility issues.

Essential Reproductive Medicine

The first scholars to have access to Rock's personal papers, Marsh and Ronner offer a compelling look at a man whose work defined the reproductive revolution, with its dual developments in contraception and technologically assisted conception.

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Male Sexual Dysfunction

This book discusses the common principles of morality and ethics derived from divinely endowed intuitive reason through the creation of al-fitr' a (nature) and human intellect (al-'aql). Biomedical topics are presented and ethical issues related to topics such as genetic testing, assisted reproduction and organ transplantation are discussed. Whereas these natural sources are God's special gifts to human beings, God's revelation as given to the prophets is the supernatural source of divine guidance through which human communities have been guided at all times through history. The second part of the book concentrates on the objectives of Islamic religious practice - the maqa' sid - which include: Preservation of Faith, Preservation of Life, Preservation of Mind (intellect and reason), Preservation of Progeny (al-nasl) and Preservation of Property. Lastly, the third part of the book discusses selected topical issues, including abortion, assisted reproduction devices, genetics, organ transplantation, brain death and end-of-life aspects. For each topic, the current medical evidence is followed by a detailed discussion of the ethical issues involved.

Human Assisted Reproductive Technology

This manual is a comprehensive guide to the causes and treatment of infertility. Beginning with a section on male and female physiology, the text then discusses various causes of infertility, such as

hypothalamic pituitary dysfunction, endometriosis, male factors, the cervical factor and unexplained infertility. The final section explores assisted reproductive technology, including In Vitro Fertilisation (IVF), cryopreservation of embryos, intracytoplasmic sperm injection (ICSI) and fertility preservation in female cancer patients. A final chapter presents ethical, moral and religious issues. Authored by recognised specialists in the USA, Europe and Egypt, this book contains more than 400 clinical and scientific images and illustrations to depict different conditions and surgical techniques.

Principles and Practice of Fertility Preservation

Human Assisted Reproductive Technology: Future Trends in Laboratory and Clinical Practice offers a collection of concise, practical review articles on cutting-edge topics within reproductive medicine. Each article presents a balanced view of clinically relevant information and looks ahead to how practice will change over the next five years. The clinical section discusses advances in reproductive surgery and current use of robotic surgery for tubal reversal and removal of fibroids. It looks into the refinement of surgical procedures for fertility preservation purposes. Chapters also discuss non-invasive diagnosis of endometriosis with proteomics technology, new concepts in ovarian stimulation and in the management of polycystic ovary syndrome, and evidence-based ART. The embryology section discusses issues ranging from three-dimensional in-

vitro ovarian follicle culture, and morphometric and proteomics analysis of embryos, to oocyte and embryo cryopreservation. This forward-looking volume of review articles is key reading for reproductive medicine physicians, gynecologists, reproductive endocrinologists, urologists and andrologists.

The Boston IVF Handbook of Infertility

Infertility Counseling: A Comprehensive Handbook for Clinicians, 2nd edition, is a comprehensive, multidisciplinary textbook for all health professionals providing care for individuals facing reproductive health issues. It is the most thorough and extensive book currently available for clinicians in the field of infertility counseling, providing an exhaustive and comprehensive review of topics. It addresses both the medical and psychological aspects of infertility, reviewing assessment approaches, treatment strategies, counseling for medical conditions impacting fertility, third-party reproduction, alternative family building and post infertility counseling issues. Each chapter follows the same format: introduction, historical overview, literature review, theoretical framework, identification of clinical issues, suggestions for therapeutic interventions, and future implication. This edition also includes extensive appendixes of clinical tools useful to the clinician, including an Internet database of resources and an extensive glossary of terminology.

Fertility and Assisted Reproductive

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Technology (ART)

Compiled by two experts in Reproductive Medicine, with contributions from internationally respected specialists, this innovative text lets the whole team in Reproductive Medicine get literally on the same page. Taking a cook-book approach to the operational procedures in the laboratory and in the clinic, it details what needs to be prepared in advance, what needs to be prepared earlier the same day, and what steps to take before, during, and after the procedure itself. This is an essential tool for ensuring all staff - whether experienced or starters - can be confident in their tasks and are in touch with what is expected of them and their colleagues.

Acupuncture for IVF and Assisted Reproduction

Reproductive Medicine Secrets covers all practical aspects of reproductive medicine with particular focus on the rapidly expanding field of assisted reproduction technology, male infertility evaluation and treatment. With the tremendous advances in assisted reproductive technology and management in male and female reproductive disorders witnessed in recent years, reproductive medicine is considered the most rapidly expanding field of medicine in this past decade. New concepts regarding various reproductive disorders have continued to evolve and treatment strategies continued to be developed. Complemented with the increasing awareness of the availability of such treatments, there is currently an enormous

increase in the volume of patients demanding infertility evaluation and management. Hence physicians currently in practice or in training have an existing and urgent demand for state-of-the-art knowledge on reproductive medicine. Tables and bulleted lists for quick reference Controversial issues in reproductive technology Informative and explanatory figures Thought-provoking questions that provide succinct answers Presentation of a vast amount of information, but not overly simplistic All the most important "need-to-know" questions-and-answers in the proven format of the highly acclaimed Secrets Series® Bulleted lists, algorithms, and illustrations for quick review Thorough, highly detailed index

The Fertility Doctor

By all indicators, the reproductive health of Americans has been deteriorating since 1980. Our nation is troubled by rates of teen pregnancies and newborn deaths that are worse than almost all others in the Western world. Science and Babies is a straightforward presentation of the major reproductive issues we face that suggests answers for the public. The book discusses how the clash of opinions on sex and family planning prevents us from making a national commitment to reproductive health; why people in the United States have fewer contraceptive choices than those in many other countries; what we need to do to improve social and medical services for teens and people living in poverty; how couples should "shop" for a fertility

service and make consumer-wise decisions; and what we can expect in the future--featuring interesting accounts of potential scientific advances.

Assisted Reproductive Technology Surveillance

This text will provide doctors both in training and in practice with useful advice on managing women and men who are having trouble conceiving and couples with infertility and related disorders. Its combination of scientific information and practical advice for tackling problematic cases make this an accessible handy reference in outpatient clinics or in revision for professional exams, as well as a fully referenced information resource. Contents: Glossary of terms * Problems with puberty and its onset * Understanding infertility * Investigations in infertility * Influencing the sperm count * Helping women to ovulate * Damage to the uterus, the fallopian tubes and the ovaries * What to do if nothing wrong can be found and how to answer when a couple asks 'what can we do to improve our fertility?' * Assisted conception * Preserving fertility * Global perspectives on reproductive medicine * Reproductive biology in one other great ape (the gorilla) * Research questions still unanswered - And further reading

Science and Babies

Assisted Reproduction is a specialty undergoing rapid change as new technologies are introduced and new research challenges previous treatment options. This

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text examines a selection of controversial topics for both laboratory and clinical practice and tries to place them in perspective, so readers can understand how and why the current state of the question has come about and how future contributions to the debate should be measured. All physicians involved with the technologies concerned will learn from the expert contributions assembled here. CONTENTS: The use of ovarian markers * Use of molecular markers of endometrial receptivity * Use of GnRHa for triggering final oocyte maturation during ovarian stimulation cycles * Use of time-lapse embryo imaging in assisted reproductive technology practice * Use of cryopreservation for all embryos * Preimplantation genetic screening * The use of single embryo transfer * Use of luteal phase support * Measuring safety and efficiency in in vitro fertilization * To flush follicles during egg collection or not * Use of blastocyst culture * Use of mitochondrial donation * Controversies in recurrent implantation failure: From theory to practice * Fibroids: To remove or not? * Limitations of endometrioma surgery in in vitro fertilization: Possibilities of early disease control

Infertility in Practice, Fourth Edition

At the dawn of precision medicine, there is a new opportunity for novel approaches to understand, diagnose and treat endometrial disorders that affect fertility, reproductive outcomes, and women's health more broadly. Herein, the editors have assembled critically evaluated state-of-the-art chapters presenting basic and clinical knowledge about the

human endometrium that impacts or will impact clinical practice. All clinicians and researchers in Reproductive Medicine will find this book useful as a reference and a valuable tool for continued advancement in the understanding and management of the "endometrial factor".

Clinical Reproductive Medicine and Surgery

Finally, a concise and practical guide to reproductive endocrinology and infertility for the non-specialist! Written and designed especially for use by the ob/gyn clinician in general practice, Essential Reproductive Medicine addresses the full range of reproductive endocrinology and infertility (REI) issues, from the fundamentals of reproductive medicine through disorders of the endocrine system, infertility, contraception, and menopause. Featuring the insights of the world's leading authorities, Essentials is clinically focused and logically organized, to reflect how the clinician should approach the REI patient. STATE-OF-THE-ART COVERAGE INCLUDES: *Diagnostic evaluation and treatment of the infertile couple, including male infertility *Disorders of the endocrine system, including sexual development, puberty, the adrenal and thyroid glands, polycystic ovarian disease and obesity *Endometriosis and tubal disease *Clinical trials for reproductive medicine *Assisted reproductive technologies *Recurrent pregnancy loss *Hormonal and non-hormonal contraception *Perimenopause/Transition *The benefits and risks of hormone replacement therapy *Alternative

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treatments for aging women including phytoestrogens and herbals *And much more FEATURES: *Easy-to-use format enhances readability, and speeds access to specific information, maximizing comprehension of even the most difficult topics *Highly focused chapters guide you systematically through evaluation, diagnosis, and management *Handy tables highlight differential diagnoses, clinical features, and appropriate lab evaluation *"Key Points" summarizes each chapter's critical information *Targeted, high-yield reference lists assist further research or study Designed for optimal clinical utility, Essential Reproductive Medicine provides authoritative guidance to REI, and serves as a concise yet comprehensive, and highly affordable alternative to existing tomes in the literature.

Subfertility, Reproductive Endocrinology and Assisted Reproduction

The new edition of this canonical text on male reproductive medicine will cement the book's market-leading position. Practitioners across many specialties - including urologists, gynecologists, reproductive endocrinologists, medical endocrinologists and many in internal medicine and family practice - will see men with suboptimal fertility and reproductive problems. The book provides an excellent source of timely, well-considered information for those training in this young and rapidly evolving field. While several recent books provide targeted 'cookbooks' for those in a male reproductive laboratory, or quick reference for practising generalists, the modern, comprehensive

reference providing both a background for male reproductive medicine as well as clinical practice information based on that foundation has been lacking until now. The book has been extensively revised with a particular focus on modern molecular medicine. Appropriate therapeutic interventions are highlighted throughout.

The Fallopian Tube in Infertility and IVF Practice

Over the last 25 years, the advances in ultrasound have paralleled advances in Assisted Reproductive Technology (ART). ART could not even be practiced or considered today without imaging. Ultrasound has become the most important and widely used tool in the diagnosis and treatment of infertility. Ultrasound evaluation is one of the first steps to assess the cause of infertility; the three areas of evaluation are the ovaries, uterus, and fallopian tubes. Ultrasound allows physicians to diagnose ovarian reserve but also pathologies such as polycystic ovarian syndrome, endometriosis, or other ovarian cysts that can impact fertility. The results of this initial exam immediately affect the decisions in the management of the patient's condition. When fertility treatments begin, ultrasound is used in almost any interaction with the patient in order to monitor follicular development and endometrial response; ultrasound guidance is also vital for embryo retrieval and transfer (ET).

Ultrasound Imaging in Reproductive Medicine provides a comprehensive survey of the use of ultrasonography in the female pelvis for physicians,

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nurses, and ultrasonographers actively involved in reproductive medicine and infertility. With a critical evaluation of advantages and disadvantages, the book covers traditional and new technologies, including three-dimensional (3D) ultrasound for ovarian reserve, ovarian monitoring and endometrial cavity assessment, Ultrasound, MRI and CT evaluation of tubal patency, MRI guided ultrasound procedures for treatment of uterine fibroids, imaging techniques of the embryo and embryo transfer, and pulsed color Doppler techniques. 3D ultrasound to assess ovarian and endometrial volume and 3D automated monitoring of follicles are also covered in detail with up to date references.

Speroff's Clinical Gynecologic Endocrinology and Infertility

This useful illustrated text summarizes for an audience of clinicians in Reproductive Medicine the practical essentials of what they need to know about diagnosis and management of the infertile male patient, whether they need to instruct or liaise with a colleague or undertake the procedures themselves.

Controversies in Assisted Reproduction

Offers a comprehensive guide to assisted reproductive technology surveillance, describing its history, global variations, and best practices.

Practical Patient Management in Reproductive Medicine

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Human Reproductive Genetics: Emerging Technologies and Clinical Applications presents a great reference for clinicians and researchers in reproductive medicine. Part I includes a brief background of genetics and epigenetics, probability of disease, and the different techniques that are being used today for analysis and genetic counseling. Part II focuses on the analysis of the embryo, current controversies and future concepts. Part III comprises different clinical scenarios that clinicians frequently face in practice. The increasing amount of genetic tests available and the growing information that patients handle makes this section a relevant part of the fertility treatment discussion. Finally, Part IV concludes with the psychological aspects of genetic counseling and the role of counselor and bioethics in human reproduction. Provides an essential reference for clinicians involved in reproductive medicine Builds foundational knowledge on new genetic tests coming into the clinical scenario for physicians involved with patients Assembles critically evaluated chapters that cover basic concepts of genetics and epigenetics and the techniques involved, including preimplantation genetic testing, controversies, and more

Textbook of Assisted Reproductive Techniques Fourth Edition

One in six couples around the world experience infertility. Before undertaking expensive and intrusive assisted reproductive treatment such as in vitro fertilization, many seek advice from their physicians or dietitians on what foods and supplements might

enhance their fertility. But health practitioners are often ill equipped to provide dietary recommendations in a scientifically based manner. Nutrition, Fertility, and Human Reproductive Function provides a comprehensive guide to clinicians on how they can best advise their patients to optimise fertility and reproductive function through optimal nutrition. Taking a holistic or "whole-of-life" approach, the book reviews the role of nutrition in human fertility and explores its effect on male and female reproductive physiology. Problem-orientated topics are arranged in chapters that each cover a specific clinical topic of interest, allowing easy reference by the practicing clinician. From the female perspective, the book covers the role of nutrition on essential reproductive processes such as ovulation, early embryo development, implantation, and sexual function, together with nutrition's influence on the duration of the reproductive life span. In the male context, it examines the effect of nutrition on hormone and sperm production as well as sexual function. The book also includes information on evidence-based complementary health approaches such as Traditional Chinese Medicine (TCM) and naturopathy. This book draws on the wide experience of several respected leaders in clinical nutrition who combine research expertise with clinical insight. The information contained herein will enable clinicians to make the best recommendations for their patients for optimising fertility.

Contemporary Bioethics

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The new edition of this infertility manual has been fully revised to provide clinicians with the latest advances in the diagnosis and management of infertility. Divided into seven sections, the book provides step by step guidance on each stage of the process, from initial examination and identifying the causes of infertility in both females and males, to ovarian stimulation and assisted reproduction techniques. The final section is dedicated to laboratory management covering topics such as follicular fluid screening and oocyte assessment, culture systems, and cryopreservation. The fourth edition includes new chapters on molecular mechanisms such as endometrial receptivity, and implantation; and current trends such as the embryoscope and assisted hatching. The comprehensive text is further enhanced by case studies, clinical photographs, diagrams, flowcharts and tables. Key points Fully revised, new edition providing latest advances in diagnosis and management of infertility Fourth edition features new chapters on molecular mechanisms and current trends Highly illustrated with clinical images, flowcharts and tables Previous edition (9788184486179) published in 2009

Reproductive Endocrinology and Infertility

This first volume of the series of the International Academy of Human Reproduction focuses on new aspects of reproductive medicine, from the professional responsibility model of ethics to the

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areas of high clinical involvement in human reproduction, such as endometriosis, polycystic ovary, family planning and post-coital contraception. The book discusses fertility and assisted reproductive techniques in the context of genetics and epigenetics as well as psychosomatic and longevity aspects. In addition, it presents new technologies and therapeutic strategies to improve IVF results and prevent ovarian hyperstimulation syndrome, as well the new challenges and the future of imaging in reproduction. Menopause and the effects of estrogens on atero-prevention, mood, and more generally the reproductive hormones impact on dementia and healthy aging are also covered. Further, it includes a section devoted to innovative aspects of gynecological surgery, discussing the treatments of vaginal aplasia, reproductive microsurgery and technological breakthroughs in pelvic organ prolapse surgery. Last, but not least, it examines the syndromic aspects of preterm birth. This volume is a useful and comprehensive tool for gynecologists, obstetricians, endocrinologists and all specialists who deal with women's reproductive health.

Infertility Around the Globe

An essential resource for reproduction professionals wishing to understand patient-centered advanced technologies now and in the future.

Nutrition, Fertility, and Human Reproductive Function

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Based on the gold standard procedures and protocols developed at Boston IVF, this new edition of a bestselling text continues to provide a structured approach to treating the infertile couple that can be of benefit to the gynecologist, reproductive endocrinologist, and reproductive medicine nurse alike. Both clinical and laboratory techniques are included, with material on preconception care. New to this edition are chapters on fertility care for the LGBT community, endometriosis, elective egg freezing, and effective nursing.

The Endometrial Factor

Offers information on reproductive medicine. This handbook includes tables, figures and flowcharts.

Male Infertility in Reproductive Medicine

One of the world's most widely read gynecology texts for nearly 50 years, Speroff 's Clinical Gynecologic Endocrinology and Infertility provides a complete explanation of the female endocrine system and offers practical guidance for evaluation and treatment of common disorders. In this fully revised ninth edition, the editorial and author team from Yale School of Medicine have assumed the reins of Dr. Speroff's landmark work, retaining the clear, concise writing style and illustrations that clarify and explain complex concepts. This classic text remains indispensable for students, residents, and clinicians working in reproductive endocrinology and infertility, bringing readers up to date with recent advances that

have occurred in this fast-changing field.

Patient-Centered Assisted Reproduction

Delivers current knowledge from global experts at the forefront of fertility and ART healthcare The first publication of its kind, this book on fertility and assisted reproductive technology (ART) is a globally focused, authoritative guide to state-of-the-art information about modern fertility and ART healthcare. Written for clinicians, public health officials, women's health experts, scientists, students, scholars, and other interested individuals, the book encompasses theoretical, research, policy, and clinical practice aspects of fertility and ART healthcare. The book features the diverse contributions of multidisciplinary researchers, scholars, and clinicians from eight countries who explore contemporary health care perspectives regarding individuals and families dealing with infertility and fertility challenges including such advanced technologies as in-vitro fertilization, intrauterine insemination, and oocyte preservation. The book addresses theoretical underpinnings of fertility and ART healthcare including new ways of conceptualizing research and theoretical concepts. Practical aspects involved with administering and treating the many women and men whose lives are affected by fertility challenges are illuminated. Complex policy concerns resulting from the rapid advances in fertility and ART are considered. The health care needs of those seeking fertility evaluation and treatment including access to care locally and globally are examined in depth. The book

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also includes discussions about novel approaches and emerging populations in fertility and ART healthcare that expand the scope of care. Thought-provoking case examples from contemporary care practices will help the reader to synthesize information. Key Features: Delivers thought provoking ART research and practice issues for health care clinicians, scholars, and scientists Synthesizes evolving theory, research, clinical practice, and public policy concerns Addresses complex considerations within the practice and delivery of fertility and ART services Written by international thought leaders and emerging scholars on the forefront of ART technologies and other issues Includes case study exemplars to stimulate critical thinking and transform discussion about modern fertility and ART care

Ultrasonography in Reproductive Medicine and Infertility

Recent advances in genomic and omics analysis have triggered a revolution affecting nearly every field of medicine, including reproductive medicine, obstetrics, gynecology, andrology, and infertility treatment. **Reproductomics: The -Omics Revolution and Its Impact on Human Reproductive Medicine** demonstrates how various omics technologies are already aiding fertility specialists and clinicians in characterizing patients, counseling couples towards pregnancy success, informing embryo selection, and supporting many other positive outcomes. A diverse range of chapters from international experts examine the complex relationship between genomics,

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transcriptomics, proteomics, and metabolomics and their role in human reproduction, identifying molecular factors of clinical significance. With this book Editors Jaime Gosálvez and José A. Horcajadas have provided researchers and clinicians with a strong foundation for a new era of personalized reproductive medicine. Thoroughly discusses how genomics and other omics approaches aid clinicians in various areas of reproductive medicine Identifies specific genomic and molecular factors of translational value in treating infertility and analyzing patient data Features chapter contributions by leading international experts

Infertility Counseling

There is a unique set of circumstances affecting treatment for every patient involved in assisted reproduction, and those with pre-existing medical conditions, or those receiving medical therapies that may impact on the safety and success of their IVF treatment, are particularly challenging. Providing a concise but authoritative source of information to aid clinicians in this important field, this book covers management options for patients with a range of pre-existing diseases and conditions that can impact on the risk and outcomes of IVF treatment. Readily accessible and easy to use, the book also concludes with a helpful chapter on counselling patients who consistently fail to conceive. With expert contributions from leaders in the field, this is a much-needed, innovative resource for clinicians working in IVF and Infertility Units, and for physicians managing patients

with systemic disease who are undergoing IVF.

Clinical Infertility and In Vitro Fertilization

The field of infertility research and practice is one of continuous innovation and change, but alongside the increasing sophistication of assisted reproductive techniques there is as strong a need as ever for clinical experience and expertise and common practical sense to inform diagnosis and clinical decision making. Now in its fourth edition, *Infertility in Practice* is practical and gives the clinician a clear picture of the aetiology of infertility and a careful assessment of the basis for treatment options. A thoroughly comprehensive book that provides sound theory and evidence based therapy, this book is a must for any practitioner dealing with infertility.

Reproductive Medicine for Clinical Practice

Reproductive medicine and surgery is a major subspecialty in the practice of obstetrics and gynaecology. This textbook provides an introduction to the field of subfertility and reproductive endocrinology, with contributions written by leading experts in the field. This book is based on and compliments a training programme run jointly by the British Fertility Society and the Royal College of Obstetricians and Gynaecologists, making it an indispensable handbook for medical trainees. It will also appeal to clinicians embarking on a career in

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obstetrics and gynaecology who want an excellent grounding in this area. Specialist nurses will also find the book a valuable resource, and scientists specialising in reproductive medicine and embryology will gain insight into the related clinical areas.

Standard Operational Procedures in Reproductive Medicine

These essays examine the global impact of infertility as a major reproductive health issue, one that has profoundly affected the lives of countless women and men. The contributors address a range of topics including how the deeply gendered nature of infertility sets the blame on women's shoulders.

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