

Ovarian Stimulation

Current Management of Polycystic Ovary Syndrome
Clinical In Vitro Fertilization
Dasgupta's Recent Advances in Obstetrics and Gynecology
Managing Infertility - ECAB
Infertility Management Series: Handbook of Ovarian Stimulation
Ovulation Induction and Controlled Ovarian Stimulation
Ovarian Stimulation Protocols
The Use of RLH, HMG and HCG in Controlled Ovarian Stimulation for Assisted Reproductive Technologies
Human Assisted Reproductive Technology
Reproductive Endocrinology, An Issue of Obstetrics and Gynecology Clinics,
A Handbook of Intrauterine Insemination
Textbook of Assisted Reproductive Techniques Fourth Edition
GnRH Analogues in Reproduction and Gynecology
The Control and Stimulation of Follicular Growth
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Intrauterine Insemination
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Ovarian Hyperstimulation Syndrome
Issues in Reproductive Medicine Research: 2012 Edition
Textbook of Minimal Stimulation IVF

Current Management of Polycystic Ovary Syndrome

Considered the definitive source in its field for over 35 years, *Endocrinology: Adult and Pediatric*, has been thoroughly updated to reflect today's recent advances in adult and pediatric endocrinology. Unique perspectives from a team of trusted, world-renowned experts ensure this medical reference book remains the most highly-regarded text in the field. Make the best clinical decisions with an enhanced emphasis on evidence-based practice and expert opinions on treatment strategies. Zero in on the most relevant and useful references with the aid of a more focused, concise bibliography. Locate information quickly, while still getting the complete coverage you expect. Expanded coverage for key topics such as pediatric endocrinology and obesity mechanisms and treatment, in addition to today's hot topics in endocrinology, including endocrine disruptors, bariatric surgery, androgen deficiency, genetic causes of obesity, endocrine rhythms, and the use of tyrosine kinase inhibitors in thyroid cancer. New content addressing the latest advances in testosterone and estrogen replacement, as well as the new causes of calcium and phosphate disorders, new molecular causes of endocrine cancers, new genetic causes of reproductive disorders, and more. Updated clinical guidelines for diabetes, lipid disorders, obesity management, osteoporosis, and more, as well as essential treatment updates for the medical management of acromegaly, Cushing's Disease, hypercalcemia, and diabetes mellitus. New Key Points provide snapshots of what to expect in each chapter, or serve as a refresher of what you

just read. Consult this title on your favorite e-reader.

Clinical In Vitro Fertilization

With approximately 20% of couples experiencing difficulty in conceiving, a major proportion of them may require assistance in managing their infertility. Intrauterine insemination (IUI) is a very effective, inexpensive, first-line treatment in properly selected cases and is being increasingly used by clinics around the world, as it is less invasive than other techniques, such as GIFT and ZIFT, and can be utilized outside sophisticated assisted conception units. Presenting an up-to-date review of IUI, this genuinely comprehensive text has been written by a top-class team of authors, and contains clinical assessment of couples and the use of IUI techniques, the basic information needed to set up and run an efficient IUI unit, as well as an in-depth review of the underlying science involved.

Dasgupta's Recent Advances in Obstetrics and Gynecology

Our knowledge about infertility has expanded and improved significantly in recent years and Polycystic Ovary Syndrome (PCOS) is now recognised as a major cause. PCOS is a term which covers a variety of symptoms, and in this new volume the editors have compiled a wide ranging collection of studies dealing with diverse aspects of PCOS, including genetics, pathophysiology, cardiovascular effects, treatment required and long term consequences. Previous books on PCOS have been expensive high level, research oriented works. This new volume is different. All the chapters have been written with the student in mind. Obstetrics and gynaecology students need to know about PCOS and this book is an accessible comprehensive overview to the subject. It features contributors from around the world including Australia, Belgium, Chile, Egypt, Hong Kong, Hungary, India, Iran, Israel, Italy, Lebanon, Mexico, Netherlands, Nigeria, Saudi Arabia, Singapore, Thailand, Turkey, UK and USA.

Managing Infertility - ECAB

New edition of the most comprehensive Chinese Medicine Obstetrics and Gynecology textbook in the English language World-renowned author and teacher Giovanni Maciocia gives a clear, detailed explanation of the physiology, pathology and aetiology of women's disorders in Traditional Chinese Medicine (TCM) and adapts these to Western conditions and patients. Seventy gynecological conditions are discussed in detail with consideration given to differentiation between conditions, the advised treatment using acupuncture and herbs, prevention and prognosis. Guidelines on lifestyle and use of the eight Extraordinary Vessels are provided, with case studies allowing easy application of theory to practice throughout. New for this edition: New attractive two-colour layout with book marks to ease navigation Endometriosis and its treatment now included and fully covered in a new chapter Infertility chapter includes recent research highlighting factors in infertility All prescriptions now removed from the text and attractively presented in three appendices: Patient Remedies, Prescriptions and Three Treasure Remedies "Obstetrics and Gynecology in Chinese Medicine is a paradigmatic work. It is tempered with reverence and innovation, meticulous archival attention and

detailed modern clinical insight. When future generations look back at this work they will find not only knowledge and wisdom but also reasons for inspiration and awe." From the Foreword to the first edition by Ted J. Kaptchuk, Associate Director, Centre for Alternative Medicine Research, Beth Israel Hospital; Instructor in Medicine, Harvard medical School, Boston, USA. • Physiology and pathology of women's disorders in Chinese medicine • Aetiology and diagnosis of women's disorders • Differentiation and treatment – including acupuncture, herbs and patent remedies – of 64 gynecological conditions • Prevention and prognosis for each disease • Approximately 100 case histories from the author's own practice • A detailed discussion of the use of the eight extraordinary vessels in gynecology

Infertility Management Series: Handbook of Ovarian Stimulation

This book brings together the most current research and the latest clinical approaches to the management of diminished ovarian reserve (DOR), one of the largest segments of the IVF patient population, both in the advanced reproductive age group as well as poor responders. Opening with a review of the definition and scope of the problem, as well as the current understanding of the natural history of DOR, subsequent chapters in part I outline dietary, hormonal, traditional supplements and conventional methods used to stimulate ovaries and improve ART outcomes. The main segment of chapters, comprising part II, present minimal and mild stimulation protocols and alternatives, frozen embryo transfer preparation, trigger agents and post-trigger testing, embryo culture and endometrial considerations, and a review of clinical outcomes. Part III discusses the utilization of contemporary technologies in the treatment of DOR, including fresh vs. frozen embryo transfer, cryopreservation and comprehensive chromosomal analysis. Future prospects are presented in part IV, such as the artificial oocyte and ovary development, early-age oocyte freezing, ovarian cortical tissue freezing and activation of the ovarian cortex. Utilizing the latest evidence and authored by an international array of thought leaders, Diminished Ovarian Reserve and Assisted Reproductive Technologies is an excellent resource for reproductive medicine and REI specialists, IVF lab professionals, and students and residents in these areas.

Ovulation Induction and Controlled Ovarian Stimulation

Ovarian Stimulation Protocols is a concise handbook that aims to deliver everything the reader needs to know for performing a risk-free ovarian stimulation for assisted reproductive technique (ART) and get a favorable outcome. Review of crucial issues such as the significance of monitoring ovarian stimulation, advantages and disadvantages of ovarian hyperstimulation versus minimal stimulation, and the use of various drug regimens and stimulation protocols for various patient sub-sets, will help clinicians in selecting the better or more appropriate protocols. The contributors of this book have leading scientific and clinical backgrounds, with years of experience to support their views. The book serves as a handy practical guide, targeting and settling clinical dilemma that ART practitioners commonly experience in their clinics, while providing a window to the newer developments.

Ovarian Stimulation Protocols

Volume 9 brings obstetricians and gynaecologists fully up to date with the most recent advances and developments in obstetrics and gynaecology. The book is divided into four sections – obstetrics, neonatology, gynaecology and contraception – and each chapter discusses common conditions within the relevant discipline, including their screening, diagnosis and treatment. The Recent Advances series began in 1993 – volume 8 published in 2007. With contributions from specialists in the UK and India, this new volume includes more than 40 images and illustrations. Key points New volume bringing clinicians up to date with recent advances in obstetrics and gynaecology Divided into four sections – obstetrics, neonatology, gynaecology and contraception Previous volume published in 2007 Contributors feature specialists from the UK and India

The Use of RLH, HMG and HCG in Controlled Ovarian Stimulation for Assisted Reproductive Technologies

These four volumes comprising "GnRH Analogues in Cancer and Human Reproduction" are a distillation of the presentations of the invited speakers at a landmark International Symposium bearing the same name, organized by one of us (B.L.) and held in Geneva, Switzerland in February 1988. The Symposium was truly interdisciplinary spanning gonadal hormone dependent disease including various forms of cancer and ranging to control of fertility, both pro- and conception. The international flavor can be caught from the 480 participants and 259 contributors drawn from 14 countries. The Symposium, and therefore this book, would not have been possible without the backing of the International Committee for Research in Reproduction and the sponsorship of the International Society of Gynecologic Endocrinology, The Swiss Society of Fertility and Sterility, the University of Geneva School of Medicine, The Swiss Society of Endocrinology and The US Foundation for Studies in Reproduction Inc., and help from the World Health Organization. B.H. Vickery B. Lunenfeld June 1989 x~i LIST OF CONTRIBUTORS TO THE SERIES A. Abbondante H. Bartermann First Institute of Obstetrics and Urologische Universitätsklinik Kiel Gynecology Arnold-Heller Strasse 7 University "La Sapienza" 0-2300 Kiel 1, FRG Rome, Italy M. Bartholomew P. Abel Department of Medicine/Endocrinology Department of Urology Mutton S. Hershey Medical Center Hammersmith Hospital Pennsylvania State University DuCane Road PO Box 850, Hershey, PA 17033, USA London W12 0HS, UK D. Beck Departments of Obstetrics and H.

Human Assisted Reproductive Technology

Obstetrics & Gynecological Emergencies consists of almost 100 scenarios based on real cases seen in a casualty department. The book is divided into three sections - Obstetrics Emergencies, Gynecological Emergencies and Emergencies Common to Obstetrics and Gynecology - and each chapter focuses on the importance of correct assessment and the sequential steps in managing the emergency situation.

Reproductive Endocrinology, An Issue of Obstetrics and Gynecology Clinics,

This book is on ovulation induction and controlled ovarian stimulation which is an integral part of most infertility therapies like intrauterine insemination and in vitro fertilization. It would deal with causes of anovulation and indications for ovarian stimulation. This book deals with basics as well as current and advanced practices. It provides a step by step protocol for ovarian stimulation. It gives a clear understanding of the science of reproductive endocrinology behind these stimulation protocols and roadmaps the latest therapies, defining their current relevance to treatment. Besides the practical guidance it also covers latest research work done in this field. In this day of information overload it is an attempt to integrate relevant information in a manner which can be applied in infertility practice in evidence based manner, making it rational, logical and rewarding for the reader.

A Handbook of Intrauterine Insemination

This textbook discusses Assisted Reproductive Technology (ART) and alternative solutions that mimic natural phenomena. With contributions from leading international experts, the book describes risks and complications, such as ovarian hyperstimulation and multiple pregnancies, as well as the financial, psychological, ethical and legal issues involved. Separate chapters are dedicated to IVF in developing countries, the mini-IVF experience at the New Hope Fertility Center, and the Kato Ladies Clinic Experience.

Textbook of Assisted Reproductive Techniques Fourth Edition

PROBLEM STATEMENTTo compare the ovarian response between the use of a combined protocols of FSH / LH versus FSH monotherapy protocol in the subgroups I and II of low-responders using the POSEIDON classification criteria.**Design:** Retrospective, cross-sectional, inferential analytical study.**MATERIAL AND METHODS** Data from 101 stimulation cycles of low-responders classified as group I or II using the POSEIDON criteria, who participated in IVF/ICSI procedures between August 2014 and December 2018 were analyzed. Ovarian stimulation was performed with rhFSH monotherapy or rFSHr / rLH combination therapy at doses between 75 to 450UI. GnRH analogues were used for suppression and triggering was with hCG upon detection of the first 18mm follicle. Oocyte retrieval was performed transvaginally 35-36 hrs after hCG administration. The oocytes were inseminated by conventional IVF or ICSI, the fertilization was evaluated 17-19 hrs later and the embryo quality and development was evaluated on day 3 and/or day 5.**RESULTS** A total of 46 (45.54%) patients formed group I and 55 (54.46%) were in Group II. Patient's age was significantly different lower in the POSEIDON GI (31.04 u00b13.48, VS 37.45 u00b12.22 P=

GnRH Analogues in Reproduction and Gynecology

ENDOCRINOLOGY, edited by J. Larry Jameson, MD, PhD and Leslie J. De Groot, MD, has been considered the definitive source in its field for decades. Now this landmark reference has been exhaustively updated to bring you the latest clinical guidance on all aspects of diagnosis and treatment for the full range of endocrine and metabolism disorders, including new information on diabetes, obesity, MEN I

and II, disorders of sex determination, and pituitary tumors. Entirely new chapters on Lipodystrophy Syndromes, Lipoprotein Metabolism, and Genetic Disorders of Phosphate Homeostasis keep you well informed on today's hot topics. You'll benefit from unique, global perspectives on adult and pediatric endocrinology prepared by an international team of renowned authorities. This reference is optimally designed to help you succeed in your demanding practice and ensure the best possible outcomes for every patient. Overcome virtually any clinical challenge with detailed, expert coverage of every area of endocrinology, authored by hundreds of leading luminaries in the field. Provide state-of-the-art care with comprehensive updates on diabetes, obesity, MEN I and II, disorders of sex determination, and pituitary tumors brand-new chapters on Lipodystrophy Syndromes, Lipoprotein Metabolism, and Genetic Disorders of Phosphate Homeostasis expanded coverage of sports performance, including testosterone, androgen research, and bone growth and deterioration and the newest discoveries in genetics and how they affect patient care. Make the best clinical decisions with an enhanced emphasis on evidence-based practice in conjunction with expert opinion. Rapidly consult with trusted authorities thanks to new expert-opinion treatment strategies and recommendations. Zero in on the most relevant and useful references with the aid of a more focused, concise bibliography. Locate information more quickly, while still getting the complete coverage you expect.

The Control and Stimulation of Follicular Growth

Clearly presented and thoroughly up to date, this important text provides an overview of current knowledge of the polycystic ovary syndrome (PCOS) - its etiology, pathology, and the implications for effective medical management. In contrast with existing titles, this book focuses on the difficulty in making an accurate diagnosis and the consequential problem of identifying the most effective program of management. Key features: * coherent approach, integrating international contributions * first book on PCOS since the Rotterdam Consensus meeting * focuses on clinical manifestations of disease, diagnostic criteria and options for management * illustrated with tables, graphs and charts to explain physiologic principles. Among the most important consequences of PCOS is infertility, and the authors provide clear guidance on the role of new assisted reproductive technologies to overcome this problem.

Reducing Risk in Fertility Treatment

The Fourth Edition of Knobil & Neill continues to serve as a reference aid for research, to provide the historical context to current research, and most importantly as an aid for graduate teaching on a broad range of topics in human and comparative reproduction. In the decade since the publication of the last edition, the study of reproductive physiology has undergone monumental changes. Chief among these advances are in the areas of stem cell development, signaling pathways, the role of inflammation in the regulatory processes in the various tissues, and the integration of new animal models which have led to a greater understanding of human disease. The new edition synthesizes all of this new information at the molecular, cellular, and organismal levels of organization and present modern physiology a more understandable and comparative context. The Fourth Edition has been extensively revised, reflecting new fundamental

advancements in this rapidly advancing field. Provides a common language for researchers across the fields of physiology, endocrinology, and biology to discuss their understanding of reproduction. Saves academic researchers time in quickly accessing the very latest details on reproductive physiology, as opposed to searching through thousands of journal articles.

Intrauterine Insemination

This issue will focus on the most common reproductive endocrine conditions encountered by healthcare providers. This series is timely and will be of interest to readers as there are many recent updates to the recommendations for appropriate evaluation and treatment of several reproductive conditions. Each chapter will address specific anatomic and hormonal conditions and will examine reproductive function from puberty to menopause. A thorough summary of abnormal uterine bleeding including recent 2012 updates for evaluation and management will be emphasized. Individual chapters on anatomic causes of bleeding, such as uterine fibroids and endometriosis, will be included with a focus on new treatment options. Polycystic ovarian syndrome (PCOS), a common hormonal cause of irregular bleeding and infertility, will also be reviewed. Recent studies provide insight into new fertility treatments for patients with PCOS including the use of aromatase inhibitors for ovulation induction. Other fertility related chapters include the evaluation of the infertile woman, ovulation induction, recurrent pregnancy loss, and age-related infertility. Finally, a transition to premature ovarian insufficiency and menopause will be provided. The Women's Health Initiative publication in 2002 reported an association between hormone replacement therapy and breast cancer. There are several updates since this controversial publication and recent literature will be summarized. Attention will focus on appropriate evaluation and management of these common reproductive endocrine topics reviewing recent recommendations on best practices for clinicians.

Manual of Ovulation Induction & Ovarian Stimulation Protocols

Issues in Reproductive Medicine Research / 2012 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Reproductive Medicine in a concise format. The editors have built Issues in Reproductive Medicine Research: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Reproductive Medicine in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Reproductive Medicine Research: 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Knobil and Neill's Physiology of Reproduction

The control of follicular growth and oocyte maturation has been known for a long

time to be mediated by the gonadotrophins luteinizing hormone and follicle stimulating hormone, but their exact role in this control has remained unclear. Furthermore, purified and biosynthetic gonadotrophin preparations, together with growth hormone augmentation, have now been introduced to clinical practice as therapeutic options.

Polycystic Ovary Syndrome

Ovulation induction and controlled ovarian stimulation lie at the very heart of treatment for infertility, but have been subject to a bewildering variety of variations and improvements over recent years. The Second Edition of this highly successful book updates the reader on the progress and developments in this area. Furthermore, it provides the busy clinician with a reliable overview of the principles involved and the management needed. As with the previous edition, the emphasis throughout this book is on logical evidence and evidence-based solutions supplemented with Professor Homburg's extensive clinical experience gleaned from more than forty years working in the field. A number of highly useful algorithms and explanatory tables reinforce this approach, ensuring that the reader is presented with easy-to-grasp, well-presented information that maximizes clarity and understanding. This book offers a concise, no-nonsense, practical guide to ovulation induction and controlled ovarian stimulation and will be an essential resource for the general gynaecologists, fertility specialists and trainees, health workers and students.

OVARIAN STIMULATION IN LOW RESPONDERS CLASSIFIED AS GROUP I AND II ACCORDING TO THE POSEIDON SYSTEM

This is a forward-looking clinical reference of definitive authority on today's headline controversies surrounding in vitro fertilization (IVF) and reproductive genetics. Written by leading experts from medicine, education, psychology, ethics, counseling, and other disciplines studying fertility and genetics, the book contains nearly 70 chapters in seven sections. The introductory section deals with biology, business, morality and society in IVF and reproductive genetics; other sections focus on IVF outcomes, personal ethics and business, biology of the egg, sperm and embryo, implantation, IVF and society, and such 21st century topics as space travel and human reproduction, the disappearing male, and the future of motherhood. Includes bibliographic references and index.

Endocrinology - E-Book

Manual of Ovulation Induction and Ovarian Stimulation Protocols encompasses all aspects of ovulation induction and current stimulation protocols in detail. This detailed text provides the reader with a reliable overview of the principles involved and the management required for ovulation induction in the treatment of infertility. This book is comprised of 68 chapters which cover the tailoring of ovarian stimulation regimens to a patient's medical history and previous response to treatment. Both the clinical and sonographic findings in evaluating ovulatory function and dysfunction are discussed in detail. Methods for monitoring folliculogenesis, which in turn allows the ART specialist to accurately predict the

number, as well as the timing of the high quality of oocyte retrieval, are discussed in detail. The book features discussion on basic and clinical research evidence, which is accumulating to propose the future use of recombinant FSH and LH in order to achieve controlled ovarian stimulation. The inclusion of the most current research in this second edition makes *Manual of Ovulation Induction and Ovarian Stimulation Protocols* a valuable book for gynaecologists, infertility specialists, and healthcare professionals dealing with IVF. Key Points Includes current research and future implications 60+ full colour images and illustrations New edition. First published 2005

Biennial Review of Infertility

This is a comprehensive guide to cervical cancer for nurses. It is a practically-based text for clinical nurses who wish to consolidate and update their knowledge of cervical cancer. It is concise, containing comprehensive information for general practice together with useful references to facilitate more in-depth study. Thus it provides an invaluable resource for both the registered nurse with a general interest in cervical cancer and for the nurse specialist working in primary health, gynaecology, oncology and palliative care. As well as containing the essential chapters about the pathophysiology and treatment of cervical abnormalities and cervical cancer, the book also addresses specific nursing issues such as sexuality, fertility, and symptom control. Moreover it examines the bigger, global picture of the disease. Full appreciation of global impact of cervical cancer on women involves an appreciation of the social, political and public health aspects of the disease – not only in the developed world but also in developing countries.

Cervical Cancer

Long recognized as the standard general reference work providing a complete overview of contemporary gynaecological practice, this new edition of Shaw, *Gynaecology* provides all the information that trainees need to master in order to successfully take their professional certification exams as well as providing the practicing gynaecologist with an accessible overview of the "state of play" of diagnostic and therapeutic procedures. Totally rewritten, it gives a succinct but comprehensive account of all currently available resources in the management of gynaecological disorders. Comprehensive overview of contemporary gynaecological practice with a clinically focused approach. It covers all of the areas that a gynaecologist covers on a day-to-day basis and helps in the formulation and implementation of the most effective treatment. Details the use of various imaging modalities and investigative techniques as they relate to specific diseases in order to provide a solid foundation for clinical practice. User-friendly features such as chapter outlines, summary tables, key point boxes incorporated throughout. Provides quick access to the most necessary information for practitioners needing a quick consult or trainees preparing for exams. Copiously illustrations clarify and enhance the text whenever appropriate. Highly selective and current list of references quickly directs the reader to further investigations. New full colour illustrations incorporated throughout to accurately depict the full range of both common and rare disorders. Details up-to-date investigative and minimally invasive therapeutic techniques to keep the user abreast of the latest diagnostic and management options. Enhanced emphasis on surgical outcomes to

help the user select the most appropriate procedure for any given patient. Two brand new editors and many brand new contributors provide a fresh perspectives on gynaecological oncology, reproductive and urogynaecological conditions.

Principles and Practice of Controlled Ovarian Stimulation in ART

A complete update of a classic. Dr. Silber is the preeminent expert in the field of male and female fertility problems. He has appeared on "Oprah, the "Today show, Good Morning America, ABC's World News Tonight, Nightline, and was featured on Discovery Health's documentary program on infertility, "The Baby Lab, and many other national programs. The media world will eagerly welcome Dr. Silber to discuss the latest developments in infertility treatment.

How to Get Pregnant

Infertility is a widespread medical condition. As new technologies emerge, the rate at which our understanding of reproductive medicine grows can be overwhelming. The Biennial Review of Infertility provides the most up to date advances, ideas, and controversies together in one volume. Due to the distinctive nature of infertility, a panel of well-respected experts strives to present each chapter in a clear manner, specifically focused on evidence-based medicine. The Biennial Review of Infertility presents a balanced view of clinically relevant existing information for the evolving areas. Created to provide an ongoing appraisal of current knowledge, the Biennial Review of Infertility motivates communication amongst all those working to help couples resolve their infertility.

Polycystic Ovary Syndrome

The Use of rLH, HMG and hCG in Controlled Ovarian Stimulation for Assisted Reproductive Technologies.

Intrauterine Insemination

Man is entering a new era as a result of advances in human reproduction. Techniques have been developed to assist in the creation of man-artificial insemination and, now, in vitro fertilization (IVF). Soon, other new methods, based upon current advances of the IVF procedure, will develop to improve the quality of human reproduction. The book describes the conceptual framework and details of technique concerned with in vitro fertilization and embryo transfer (ET). Edwards and Steptoe first described the technique of IVF and ET and the subsequent births of two normal babies. Since then, the success rate of the system has been improved by the use of fertility drugs to provide more oocytes and preincubation to mature the oocyte before fertilization. As a result of the continued research from Melbourne and Cambridge, more than 100 babies have been born. A free interchange of information between the Cambridge and Melbourne groups has led to a predictable success rate of 15%-20% per laparoscopy, and infertility centres all over the world are now copying the techniques. It is an appropriate time to inform doctors and scientists to help them understand the various procedures

involved in IVF and ET. While many advances will occur in the future, the establishment of high success rates in several of the critical steps in the procedure--oocyte pick-up rate (90%), fertilization (>90%) and early embryo development (70%-90%)--signifies that some of the new techniques are stabilized sufficiently to warrant transmission of information by text, rather than scientific journal.

Obstetrics and Gynecology in Chinese Medicine E-Book

In the past, pregnancy after cancer was largely unheard of. Today, it is increasingly a possibility. Oncofertility has emerged as an interdisciplinary field bridging biomedical and social sciences, and examining issues regarding an individual's fertility options, choice and goals in light of cancer diagnosis, treatment and survivorship. Written by leaders in this evolving field, the volume covers various aspects: medical, ethical and social.

Towards Reproductive Certainty: Fertility and Genetics Beyond 1999: The Plenary Proceedings of the 11th World Congress

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. 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 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

Ovarian Stimulation

Textbook of Assisted Reproductive Technologies 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 clinical applications, including 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. Also available - Textbook of Assisted Reproductive Technologies, Volume One - Laboratory Perspectives Textbook of Assisted Reproductive Technologies, Two Volume Set

Obstetric & Gynecological Emergencies

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.

Diminished Ovarian Reserve and Assisted Reproductive Technologies

Ovarian Stimulation covers all the basic and advanced aspects of ovarian stimulation for women undergoing ovulation induction and assisted reproduction. It gives a comprehensive review of the modern approach to ovarian stimulation and its alternatives - both in IVF and in other areas of reproductive endocrinology where it is employed. The book is divided into six sections that cover mild forms, non-conventional forms, IVF, complications and their management, alternatives, and procedures. The chapters are clearly written and well illustrated, discussing a wide range of relevant topics, including the protocols of gonadotropin, oral agents for ovulation induction, aromatase inhibitors and surgical induction of ovulation, ovarian hyperstimulation syndrome, and alternatives to drug treatment. Written by leading experts on reproductive health and fertility, it will assist infertility specialists, gynecologists, reproductive endocrinologists and radiologists in determining their patients' treatment.

Complications in Gynecological Surgery

Intrauterine insemination (IUI), also known as artificial insemination, is a fertility treatment that uses a catheter to place washed sperm directly into the uterus. Its aim is to increase the number of sperm reaching the fallopian tubes and subsequently increase the chances of fertilisation (American Pregnancy Association). The second edition of Intrauterine Insemination brings physicians and trainees fully up to date with the latest developments in the technique. Divided into 48 chapters, this comprehensive guide covers every aspect of the procedure, from patient selection and clinical assessment of couples, to ovarian induction, predictors of ovarian response, modulation of sperm motility, and sperm banking. The final sections describe data management issues, sex pre-selection, and regulation of assisted reproductive technologies. Key points New edition presenting latest developments in IUI Covers all aspects of the procedure Includes more than

150 images, illustrations and tables Previous edition published in 2005

Gynaecology E-Book

Risk management is a relatively new process that can sometimes evoke feelings of suspicion among clinicians. However, when used proactively, it offers the opportunity to act at the root cause of an incident to expose deficiencies in the system rather than in individuals. This process encourages a supportive approach to patients, relatives, and staff. The overall aim should be to learn lessons rather than to attribute blame. References 1. Vincent C, Neale G, Woloshynowych M. Adverse events in British hospitals: a preliminary retrospective record review. *Br Med J*. 2001;322:517-519. 2. Neale G, Woloshynowych M, Vincent C. Exploring the causes of adverse events in NHS hospital practice. *J R Soc Med*. 2001;94:322-330. 3. Walshe K. The development of clinical risk management. In: Vincent C, ed. *Clinical Risk Management*. London: BMJ Publishing Group; 2001, p. 45-60. 4. Department of Health. *An Organization with a Memory*. London: HMSO; 2000. 5. National Patient Safety Agency. Reporting incidents. Available at: <http://www.npsa.nhs.uk/health/reporting>. Assessed June 25, 2007. 6. National Confidential Enquiry into Perioperative Deaths. *Changing the way we operate. The 2001 Report of the National Confidential Enquiry into Perioperative Deaths*. London: National Confidential Enquiry into Perioperative Deaths; 2001. Available at: <http://www.ncepod.org.uk>. Assessed June 25, 2007. 7. General Medical Council. *Good Medical Practice*. London: General Medical Council; 2006. Available at: http://www.gmc-uk.org/guidance/good_medical_practice/index.asp.

Oncofertility

A practical introduction to one of the first-line approaches to overcome infertility.

Endocrinology: Adult and Pediatric E-Book

In the last 15 years, fertility treatment has become mainstream medical practice. With this evolution has come a change in focus from effectiveness ('success rates') to safety, patient acceptability and ethical questions. It is recognized that effectiveness also depends crucially on safety and good risk management. The purpose of this book is to address this wider change in focus. *Reducing Risk in Fertility Treatment* examines risk in assisted conception, covering a wide range of topics and areas. 'Risk' refers to situations in which an outcome of value to people is uncertain. Specifically for the purpose of this book, 'Risk' means situations where patients or professionals or society as a whole is at risk of an adverse outcome in relation to fertility treatment. It therefore encompasses clinical complications, risks inherent in laboratory practice, reputational and business risks to clinics and ethical risks to society as a whole. It will be an essential resource for all clinic staff to consult in reducing the risk associated with their work. It will provide practical resources such as 'how to' guides, but also a theoretical discussion of uncertainty where this exists. The book is primarily directed to practitioners in the area of fertility treatment, namely clinicians, embryologists, nurses, counsellors and administrators. However, it is likely also to be relevant to policy-makers, commissioners of health services, researchers in this field and biomedical ethicists.

Clinical Reproductive Medicine and Surgery E-Book

Ovarian Hyperstimulation Syndrome (OHSS) is a condition that can occur in women undergoing in vitro fertilization, after having follicle stimulation hormone (FSH) injections to stimulate egg growth and maturation. Some patients respond excessively to the drug and dose given. If large numbers of eggs mature, the high hormone levels combined with the increased size of the ovaries, can cause extreme, and sometimes lethal, side effects. The pathophysiology, prevention and management of this syndrome have been revolutionized over the past decade and it is important for reproductive practitioners and infertility specialists to understand the latest findings about this potentially deadly condition. The author reviews in depth the important classification, epidemiology, pathophysiology, complications and prediction, prevention and treatment options for this pathology. This book is intended for infertility specialists, reproductive medicine specialists and assisted reproduction specialists.

Ovarian Hyperstimulation Syndrome

Assisted reproduction refers to a number of advanced techniques that aid fertilization in a couple diagnosed to have reduced fertility such as in women who have irreversible damage to their fallopian tubes or cervical mucous problems. These techniques can also benefit couples with unexplained infertility. Before 1978, infertility diagnosis and treatment revolved around surgical interventions such as fallopian tube(s) repair or inserting sperms into the uterus. Thus, the management was applicable and aimed at removing the mechanical blockage that prevented the fertilization of egg. Then came Louise Brown and Dr. Patrick Steptoe, a couple who were destined to be associated forever in the infertility history books forever. This is because in 1978, Dr. Steptoe made it possible for Louise to conceive in a laboratory in England with IVF. From this turning point in the science of infertility, came techniques that addressed the biochemical and hormonal aspects of infertility thus marking the beginning of a whole new subspecialty called Reproductive Endocrinology. With Dr. Steptoe's technique, called IVF (In Vitro Fertilization), couples who otherwise had no problems that could be surgically treated now had another option. With the inclusion of Information technology in all aspects of our life, the explosion of Assisted Reproduction Technologies (ART) has resulted in further sophistication of additional techniques, now responsible for the existence of over 20,000 human beings a year that would never have existed. ART deals with all aspects of the science of conception, be it investigating the couple, or determining their ovarian reserve to application of the most appropriate technique to aid conception in that couple.

Issues in Reproductive Medicine Research: 2012 Edition

This book presents the findings of the RCOG Study Group on polycystic ovary syndrome - the most common endocrine disturbance of women in the UK. PCOS has a significant effect on quality of life and psychological morbidity and, as many specialists are involved in its management, a multidisciplinary approach is required.

Textbook of Minimal Stimulation IVF

Part of the recognised Infertility Management Series, this handbook is a complete guide to ovarian stimulation. Beginning with an overview of the physiology of gonadotropins, the following chapters discuss ways in which clinicians may better predict ovarian response to stimulation and how to select and tailor appropriate protocols. The book covers both oral and injectable agents for stimulation, and protocols for IVF and IUI, egg donors, oncofertility patients, and for low ovarian response. The final chapter details complications in ovarian stimulation, and their prevention and management. Other titles in the series include: Investigating Infertility, Intrauterine Insemination, Practical Management of Male Infertility, and Polycystic Ovarian Syndrome. Key points

Part of Infertility Management Series
providing complete guide to ovarian stimulation
Helps clinicians better predict ovarian response and select appropriate treatment protocols
Covers oral and injectable agents for different patient groups
Edited by recognised team of experts in reproductive medicine

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