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4QZ0KN - ARIAS RONNIE

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, assisted reproductive technology, ultrasonography and radiology.

Intrauterine Insemination (IUI) is a form of assisted conception. This concise manual is an up-to-date review of the technique of IUI, highlighting practical issues including patient assessment, basic science, effective use of the technique, and the set up and management of an efficient IUI unit. Quality control is discussed extensively. Written by highly experienced specialists from Europe and Asia, this useful text is supported by nearly 60 full colour images and illustrations, and a comprehensive bibliography. Key points Concise guide to intrauterine insemination (IUI) Highlights practical, day to day issues and emphasises quality control Authored by specialists from Europe and Asia Includes nearly 60 im-

ages and illustrations, and a comprehensive bibliography

This new edition for the twentieth anniversary of the groundbreaking national bestseller provides all the information you need to monitor your menstrual cycle—along with updated information on the latest reproductive technologies Are you unhappy with your current method of birth control? Or demoralized by your quest to have a baby? Do you experience confusing signs and symptoms at various times in your cycle? This invaluable resource provides the answers to your questions while giving you amazing insights into your body. Taking Charge of Your Fertility has helped literally hundreds of thousands of women avoid pregnancy naturally, maximize their chances of getting pregnant, or simply gain better control of their gynecological and sexual health. Toni Weschler thoroughly explains the empowering Fertility Awareness Method (FAM), which in only a couple of minutes a day allows you to: Enjoy highly effective and scientifically proven birth control without chemicals or devices Maximize your chances of conception before you see a doctor or resort to invasive high-tech options Expedite your fertility treatment by quickly identifying impediments to pregnancy achievement Gain control and a true understanding of your gynecological and sexual health This new edition includes: A fully revised and intuitive charting system A selection of personalized master charts for birth control, pregnancy achievement, breastfeeding, and menopause An expanded sixteen-page color insert that reflects the book's most important concepts Six brand-new chapters on topics including balancing hormones naturally, preserving your future fertility, and three medical conditions all women should be aware of

This book attempts to show and explain the latest techniques in ovulation induction, defining their current relevance to treatment

in a simplified, easy to follow manner for the practising infertility specialist. As well as giving practical guidance, it also touches on the latest research work achievements. Most chapters are accompanied by flow charts for management, serving as a guide to problem solving. The accompanying CD-ROM shows the techniques of laparoscopic ovarian drilling, multifetal pregnancy reduction, and a collection of colour Doppler images in ovulation induction. This book is directed at all gynaecologists and infertility professionals, both medical and paramedical, and postgraduate students of gynaecology.

Provides a concise, sensible, appropriately scientific, yet easily understood approach to modern fertility diagnosis and treatment...-translates the high tech into common sense.

This comprehensive review of the factors that affect the harvesting and preparation of oocytes and the management of embryos will allow practitioners to make evidence-based decisions for successful IVF. The book reviews and re-considers the value of strategies and outcomes in the management of fertility and conception rates, centred on the production of oocytes, and successful development of the embryo. Authored by leading experts in the field, chapters engage with treatments and strategies that affect the production of oocytes and embryos, optimizing outcomes in the management of female fertility, conception rates, and live births. This vital guide covers controlled ovarian hyperstimulation, the role of AMH in determining ovarian reserve, and primary stimulation agents and the use of adjuncts. Integral for all clinicians and embryologists working in reproductive medicine units, readers are provided with evidence-based, comprehensive advice and review of all factors affecting the management of oocytes and the embryo that are vital for successful IVF cycles.

This second edition has been fully updated to provide infertility specialists with the latest advances in ovulation induction. It describes the latest therapies and their relevance to treatment for different gynaecological disorders, integrating the information into a practical management protocol for everyday practice. Chapters from the first edition have been revised to reflect current techniques and five new chapters have been added to the new edition. The book includes numerous clinical photographs, flow charts and tables to enhance learning, and a CD ROM demonstrates techniques for surgical ovulation induction and multi-foetal pregnancy reduction. Key points Fully revised new edition providing infertility specialists with latest advances in ovulation induction Five new chapters added to second edition Includes CD ROM demonstrating techniques Previous edition published in 2006

Over the past decade, there have been major advances in our understanding of ovarian physiology. These advances, together with the introduction of new medical technologies, have revolutionised the management of infertility. Patients may expect a pregnancy rate that is no different from that of normal fertile women of the same age, as a result of treatment. Moreover, new techniques of monitoring have greatly reduced the rate of treatment-induced complications such as multiple pregnancy and hyperstimulation. This book presents the current strategies of management for women whose infertility is caused by ovulatory disturbances. Detailed descriptions are given of the optimal method of assessing an anovulatory woman, the selection of the appropriate treatment and the practical details of its administration. There is also a full discussion about the complications of the treatment and the strategies to avoid. The book is intended for all practising gynaecologists involved in the management of subfertile patients in both the developing and the developed world. Contents: Induction of Ovulation: Solutions and Problems (H S Jacobs) The Endocrine Basis for Spontaneous Ovulation, Ovulation Induction and Controlled Superovulation (S Robson & R J Norman) Screening of Patients Prior to Ovulation Induction and the Role of General Practitioners/General Gynaecologists in the Initial Work-up of Patients for Ovulation Induction (O Djahanbakhch et al.) Ovulation Induction in Hypogonadotrophic Patients (S Muttukrishna et al.) Ovulation Induction in Hyperprolactinaemia (S G Soule) Principles of Gonadotrophic Therapy (A Balen) Ovulation Induction in Patients with Polycystic Ovaries (S M Sathanandan & H S Jacobs) Strategies for

Controlled Superovulation in Normal Ovulatory Patients for Assisted Conception (S Daya) Side Effects of Drugs Commonly Used for Induction of Ovulation (H J Out) Complications and Possible Long Term Risks of Ovulation Induction (E Saridogan et al.) The Role of Endocrinology, Ultrasound, and Doppler Analysis in Ovulation Induction (W M Buckett et al.) The Role of the Nurse in an Ovulation Induction Programme (F Plowman & B Parker) Obstetric Outcome of Pregnancies Following Induction Ovulation (E Saridogan & S Sathanandan) Role of Audit and Computers in an Ovulation Induction Programme (D Vinnikier) Readership: Gynaecologists and infertility specialists. Keywords: Ovulation Induction; Physiology; Medical Technology; Infertility; Pregnancy; Gynaecology

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.

Our knowledge of reproductive medicine has expanded rapidly since the birth of Louise Brown, the first baby to be conceived by in vitro fertilization, which was performed by Professors Patrick Steptoe and Bob Edwards in Oldham, England, in 1978. Hardly a year goes by without the development of a new or a modification of an existing method of assisted reproduction. Within a relatively short period, in vitro fertilization has been introduced into the treatment of female infertility. Intracytoplasmic sperm injection has also created new opportunities for the treatment of male infertility. The first edition of this book was published in 1996. In the second edition most of the chapters have been updated and additional interest is focused on intracytoplasmic sperm injection (ICSI) in view of the risk of malformations in newborns. This manual addresses the techniques of assisted reproduction that are available today. Competent authors from various centers present, in a

concise way, their tried-and-tested procedures, so that the latter can be readily implemented. Due to different legal regulations, the scope of assisted reproduction is much more limited in Germany than in many other countries. For example, whereas only three embryos may be created and transferred in Germany, such restrictions do not exist in several other European countries and the United States. Furthermore, heterologous fertilization, oocyte donation, and surrogate motherhood are banned in Germany.

This handbook is a guide to infertility and ultrasound for gynaecologists and infertility specialists. The second edition has been fully revised and includes many new topics, providing the latest information in the field. Divided into two sections, the first half of the book covers infertility. Beginning with discussion on assessment of an infertile couple, the following chapters examine different hormone treatments, sperm preparation, and ovulation induction, including in patients with polycystic ovary syndrome. The remaining chapters cover male infertility, recurrent pregnancy loss, and practical tips for infertility management. The second part of the book covers ultrasound. Beginning with discussion on transvaginal sonography and ultrasound in different uterine diseases, the following chapters cover ultrasound in infertility treatment, as well as in the different trimesters of pregnancy. Screening for foetal abnormalities is also discussed in depth. The comprehensive text is highly illustrated with more than 700 ultrasound images, diagrams and photographs. Key points Practical guide to infertility and ultrasound for specialists in gynaecology and infertility Fully revised, second edition featuring many new topics Highly illustrated with more than 700 ultrasound images and diagrams Previous edition (9789351528562) published in 2015

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.

The second edition of this three-volume set brings practitioners and trainees fully up to date with the latest advances in Assisted Reproductive Technology (ART). Volume One begins with an introduction to infertility, describing physiology, endocrinology and infertility in both men and women. The following sections provide in depth discussion on ART, from ovulation induction, intrauterine insemination, and ART techniques, to third party reproduction, complications, outcomes and future clinical applications. The second volume is dedicated to laboratory aspects of In Vitro Fertilisation (IVF) andrology, and ethical and legal issues, whilst Volume Three is an atlas of human embryology. This practical manual is an invaluable reference for clinicians specialising in infertility management and includes more than 1300 full colour photographs, diagrams and tables to enhance understanding. Key points Fully revised, second edition of three-volume set presenting latest advances in ART Each volume dedicated to specific topic - Infertility, IVF & Andrology, and Atlas of Embryology Includes more than 1300 clinical photographs, diagrams and tables Previous edition (9789350907368) published in 2013

The definitive and essential source of reference for all laboratories involved in the analysis of human semen.

Practical Tips for Infertility Management is a concise collection of tips for identifying the causes of infertility, necessary examinations, and procedures for its management. With 90 colour images and illustrations in this compact book, Practical Tips for Infertility Management is a perfect day-to-day reference book for postgraduate medical students, and for practising gynaecologists, and ART and infertility practitioners.

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 au-

thor 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.

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

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; ultra-

sound 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, 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.

A comprehensive guide for trainee embryologists and medical students in the specialized techniques and technology of assisted reproduction.

This second edition has been extensively revised to bring clinicians fully up to date with the latest technologies and advances in the field of assisted reproductive techniques (ART). Each section is dedicated to a sub specialty, from polycystic ovary syndrome, ART procedures, and laboratory issues, to implantation, cryopreservation, endoscopy, ultrasound and more. A section entitled 'contemporary thoughts' examines the improvement of IVF outcome, ART and older women, and HIV and ART, and another discusses third party reproduction. Edited by internationally recognised experts in reproductive medicine, this comprehensive guide is highly illustrated with clinical photographs and diagrams to enhance learning. Previous edition (9781841844497) published in 2004. Key points Fully revised, second edition providing latest advances in ART Complete section dedicated to third party reproduction Highly experienced, internationally recognised editor and author team Previous edition (9781841844497) published in 2004

"Not everything in medical science has a clear beginning. The first realization of infertility and putative remedies remain shrouded in contextual history, but likely goes back to the dawn of our species, well before there was a written record. Childlessness was, and is still, considered a burden in some communities"--

A comprehensive and practical account of how to set up and run a successful IUI and ovulation induction program.

Practical Guide to Ovulation Induction is considered a basis of suc-

cess for the assisted reproductive technologies. There are several chemicals available for the same but the precise guidelines and understanding about these chemicals, their precise indications and side-effects are not fully understandable in most literature available. The authors have tried to cover each and every aspect of ovulation induction in this book including ovulation induction for intrauterine insemination and in vitro fertilization, in polycystic ovarian syndrome patients and also in poor responders, down regulation options, monitoring of the stimulated cycles, ovulation trigger and luteal support. It is a crisp, precise and a concise book covering the entire subject with clear understanding and a quick reference for busy practitioners too. Book jacket.

Part of a new series on reproductive medicine, this book is a complete guide to the diagnosis and management of infertility. Beginning with an overview of infertility in both women and men, the next chapters discuss assessment and ultrasound. The following chapters cover numerous causes of infertility, and their diagnosis and treatment, examining both medical and lifestyle issues. The book presents the latest advances in the field and each chapter includes key points and references for further reading. Clinical photographs, diagrams and tables further enhance the comprehensive text. Other titles in the series include: Practical Guide in Reproductive Surgery, Practical Guide in Assisted Reproductive Technology and Practical Guide in Andrology and Embryology. Key points Comprehensive guide to diagnosis and management of infertility Part of new series on reproductive medicine Covers numerous causes of infertility, and their diagnosis and treatment Chapters include key points and detailed references for further reading

This three volume set is a comprehensive guide to Assisted Reproductive Technology (ART) for clinicians. Volume one begins with an introduction to infertility, describing physiology, endocrinology and infertility in both men and women. The following sections provide in depth discussion on ART, from ovulation induction and intrauterine insemination, to complications, outcomes and ethical issues. The second volume is dedicated to In Vitro Fertilisation (IVF) and related procedures, whilst volume three is an atlas of embryology. This practical manual is an invaluable reference for clinicians specialising in infertility management and includes nearly 1000 full colour photographs, each with a brief description to enhance understanding. Key points Three volume set – complete guide to

ART Each volume dedicated to specific topic – Infertility, IVF & Related Procedures, and Atlas of Embryology Includes nearly 1000 photographs with descriptions Invaluable reference for practising clinicians

Approximately 15% of couples experience difficulty in conceiving and a proportion of them may require assisted conception treatment to alleviate continuing infertility. Intrauterine insemination is an effective first line treatment in properly selected cases and is less invasive than in vitro fertilisation and its variants. This multi-authored text is a comprehensive account of how to set up and run a successful intrauterine insemination program. It provides a very practical account and explains clearly the scientific and medical issues. The various chapters deal with design and equipment of the unit, patient selection, counselling, ovarian stimulation strategies, the role of ultrasonography, semen analysis and sperm preparation, intrauterine insemination techniques, semen cryopreservation and banking and complications. The contributing authors are all experienced practitioners and researchers in reproductive medicine and have created a manual that will be useful to full range of professionals involved in the provision of care for infertile couples such as clinicians, andrologists, embryologists, other scientists, nurses, counsellors, psychotherapists and managerial staff. Because of its clear presentation, students and patients will also find the volume informative.

The success of Assisted Reproductive Technology is critically dependent upon the use of well optimized protocols, based upon sound scientific reasoning, empirical observations and evidence of clinical efficacy. Recently, the treatment of infertility has experienced a revolution, with the routine adoption of increasingly specialized molecular biological techniques and advanced methods for the manipulation of gametes and embryos. This textbook – inspired by the postgraduate degree program at the University of Oxford – guides students through the multidisciplinary syllabus essential to ART laboratory practice, from basic culture techniques and micromanipulation to laboratory management and quality assurance, and from endocrinology to molecular biology and research methods. Written for all levels of IVF practitioners, reproductive biologists and technologists involved in human reproductive science, it can be used as a reference manual for all IVF labs and as a textbook by undergraduates, advanced students, scientists and professionals involved in gamete, embryo or stem cell bi-

ology.

For many years, it has been known that pituitary gonadotropins are in control of menstrual cycle dynamics and ovulation. Over thirty years ago, the introduction of medications that were capable of inducing ovarian function through indirect or direct gonadotropin stimulation revolutionized the treatment of reproductive disorders in both men and women. This book covers all aspects of ovulation induction that a clinician needs to know including all known current stimulation protocols and induction strategies. It is directed at all gynaecologists, infertility professionals, both medical and paramedical including postgraduate students.

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 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.

A didactic, illustrated guide to the use of ultrasound as a diagnostic tool in clinical practice. Prepared by an international group of experts with wide experience in both developed and developing countries, the manual responds to the need for a basic reference text that can help doctors, sonographers, nurses, and midwives solve imaging problems when no experts are available. With this need in mind, the manual adopts a practical approach aimed at providing a thorough grounding in both the techniques of ultrasound and the interpretation of images. The need for extensive supervised training is repeatedly emphasized. Because the clinical value of ultrasound depends so greatly on the experience and skill of the operator, the manual makes a special effort to alert readers to common pitfalls and errors, and to indicate specific clinical situations where ultrasound may not be helpful or reliable as a diagnostic tool. Explanatory text is supported by numerous practical tips, warnings, checklists and over 600 illustrations. The opening chapters explain how ultrasound works, outline the fac-

tors to consider when choosing a scanner, and introduce the basic rules of scanning, including advice on how to recognize and interpret artefacts. Guidance on the selection of ultrasound equipment includes clear advice concerning where costs can be spared and where investment is essential. The core of the manual consists of seventeen chapters providing guidance on scanning techniques and the interpretation of images for specific organs and anatomical sites, with the most extensive chapter devoted to obstetrics. Each chapter contains illustrated information on indications for scanning, preparation of the patient, including choice of transducer and setting of the correct gain, general scanning techniques, and specific techniques for identifying anatomical landmarks and recognizing abnormalities. The manual concludes with WHO specifications for a general purpose scanner judged entirely suitable for 90-95% of the most common ultrasound examinations.

This practical book provides current and effective evaluation and treatment options currently available for the full spectrum of conditions affecting women. In easy to consume, bite-sized chapters, it ranges from diseases occurring during pregnancy and the perinatal period, through general gynecologic conditions from childhood to old age, gynecologic urology, oncology, reproductive medicine and family planning.

Infertility Is Defined As The Inability To Become Pregnant (In A Woman) Or Cause A Pregnancy (In A Male). The Purpose Of This Book Is To Provide A Stepwise Approach To The Diagnosis And Treatment Of An Infertile Couple. It Describes The Detailed Workup, Such As Hormonal Evaluation And Transvaginal Sonography, That Is Essential For Accurate Diagnosis. The Various Options Available To The Clinician, From Ovulation Induction To Ovum Donation And Cryopreservation, Are Also Explained. The Possible Complications As Well As Failures Are Also Described. It Is Important To Actively Suggest Adoption As An Alternative When Treatment Fails. The Clinician Should Always Offer This Option To Prospective Parents.

This invaluable manual provides a practical overview of the field of gynecologic oncology. Focusing on clinical aspects of the specialty, it provides hands-on guidance for those caring for patients with ovarian, cervical, uterine, and lower genital tract cancers. It describes the current epidemiology, pathophysiology, presentation, diagnosis, and multimodality management of the most common gynecologic malignancies. Chapters are also devoted to radi-

ation and chemotherapy, as well as symptom management. The book is designed for quick reference.

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

The textbook covers all aspects of ovulation induction that a clinician wants to know including all known current stimulation protocol and induction strategies. The book is directed at all gynaecologists, infertility professionals both medical and paramedical including post graduate students. The text is definitive as a practical, problem orientated handbook.

Fertility specialists are constantly looking for ways to improve the chances of pregnancy through IVF or other assisted reproductive techniques (ART). 'Adjuvant' or 'add-on' therapies are procedures or medications which are added to IVF treatment to try and improve the chances of success. This book is a practical guide to the use of adjuvants in infertility for clinicians and trainees. Divided into ten sections, the text begins with an overview of the rationale for additional therapy in IVF. The next section examines different types of adjuvant therapy and their pros and cons. Topics include medical nutrition therapy, nutraceuticals, antioxidants, micronutrients, and reactive oxygen species. Each of the following sections covers adjuvant use for improving a specific fertility issue – PCOS, ovarian reserve, uterine blood flow, endometrial receptivity, embryo implantation, and male subfertility. The final sections

discuss the impact of thyroid autoimmunity on the outcome of ART, and the use of surgery as an adjuvant in infertility. Key points Practical guide to the use of adjuvants in infertility Covers various types of adjuvant and their use for different fertility issues Includes discussion on surgery as an adjuvant Highly illustrated with clinical photographs and diagrams

This book examines the clinical and laboratory complications and impacts of assisted reproductive technology from patient preparation to birth.

Equine Reproductive Procedures is a user-friendly guide to reproductive management, diagnostic techniques, and therapeutic techniques on stallions, mares, and foals. Offering detailed descriptions of 161 procedures ranging from common to highly specialized, the book gives step-by-step instructions with interpretative information, as well as useful equipment lists and references for further reading. Presented in a highly portable spiral-bound format, Equine Reproductive Procedures is a practical resource for daily use in equine practice. Divided into sections on the non-pregnant mare, the pregnant mare, the postpartum mare, the stallion, and the newborn foal, the book is well-illustrated throughout with clinical photographs demonstrating procedures. Equine Reproductive Procedures provides practical guidance for performing basic and advanced techniques associated with the medical management of horses.

Preimplantation Genetic Diagnosis (PGD) is the detection and screening of genetic abnormality in gametes prior to fertilisation and embryos fertilised in vitro prior to implantation. This exciting new text provides an introduction and overview of the principles of PGD. An exciting fusion of prenatal diagnosis (PD) with in vitro fertilisation (IVF), this book will appeal to both the prenatal diagnosis community, of clinical geneticists and foetal medicine specialists within obstetrics and gynaecology, and the IVF community within reproductive medicine. It is also an essential introduction to PD, clinical genetics and IVF for non-specialists. A concise introduction to the field of PGD Detailed explanations of the techniques and procedures used The law and ethical implications of PGD Future uses of PGD

The revised and updated second edition of a multidisciplinary, evidence-based clinical guide for the care of pregnant women with diabetes The second edition of A Practical Manual of Diabetes in Pregnancy offers a wealth of new evidence, new material, new

technologies, and the most current approaches to care. With contributions from a team of international experts, the manual is highly accessible and comprehensive in scope. It covers topics ranging from preconception to postnatal care, details the risks associated with diabetic pregnancy, and the long-term implications for the mother and baby. The text also explores recent controversies and examines thorny political pressures. The manual's treatment recommendations are based on the latest research to ensure preg-

nant women with diabetes receive the best possible care. The text takes a multi-disciplinary approach that reflects best practice in the treatment of diabetes in pregnancy. The revised second edition includes: New chapters on the very latest topics of interest Contributions from an international team of noted experts Practical, state-of-the-art text that has been fully revised with the latest in clinical guidance Easy-to-read, accessible format in two-color

text design Illustrative case histories, practice points, and summary boxes, future directions, as well as pitfalls and what to avoid boxes Multiple choice questions with answers in each chapter Comprehensive and practical, the text is ideal for use in clinical settings for reference by all members of the multi-disciplinary team who care for pregnant women with diabetes. The manual is also designed for learning and review purposes by trainees in endocrinology, diabetes, and obstetrics.