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Manual of Intrauterine Insemination (UI), In Vitro Fertilization (IVF), and Intracytoplasmic Sperm Injection (ICSI) Manual 2013-12-31 This manual describes the individual chapters of all the relevant aspects, technologies, including the most recent topic of Vitrification. There are numerous photographs which makes the subject appealing as well as easy to understand. Each topic has been elaborated in depth so as to impart profound knowledge to readers. Several of them have written to me about the clarity of.

Manual on IUI: What, When and Why-Navaal Mahmoud 2013-06-30 Intraventricular 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 comprehensive bibliography. Key points Concise guide to intraventricular insemination (IUI) Highlights practical, day to day issues and emphasizes contributors from Europe and Asia Includes nearly 60 images and illustrations, and a comprehensive bibliography

Manual of Intrauterine Insemination and Ovulation Induction Pich D. 2009-10-08 A comprehensive and practical account of how to set up and run a successful UI and ovulation induction program.

A Handbook of Intrauterine Insemination-Gautam N. Allahbadia 2009-09-30 Intrauterine insemination (IUI), also known as artificial insemination, is a widely used fertility treatment for couples with unexplained or male infertility. Although it is less invasive and less expensive than l


FOGSI Focus: Use of Adjuvants in Infertility-Natasha Pathak 2012-12-31 Fertility specialists are constantly looking for ways to improve the chances of pregnancy through IVF or other assisted reproductive techniques (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 polycystic ovarian syndrome (PCOS) will help clinicians in selecting the better or appropriate protocols. The contributors of this book have knowledge in reproductive medicine and clinical andrology backgrounds, with years of experience in clinical practice. This book contains 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.

The infertility Manual-Karni A Rau 2014-08-30 This new edition of the 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 ovulation stimulation and assisted reproduction techniques. The final section is dedicated to laboratory management covering topics such as follicular fluid access with ultrasound, laboratory management of ovulation induction, and assisted reproduction techniques (ART). The final section discusses various areas of concern and management including weight-related effects of ART, psychological effects, PGS in adolescents, implications of PGS for pregnancy, and medicolegal aspects. The book includes all of the latest topics on the subject, and is a comprehensive guide to ART in PCOS. Also a great deal of emphasis is placed on the management of infertility in PCOS. The next section examines different types of adjuvant therapy and their pros and cons. Topics include 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 Covaries various types of adjuvants and their use for different fertility issues Includes discussion on surgery as an adjuvant Highly illustrated with clinical photographs and diagrams.

Manual of Sperm Retrieval and Preparation in Human Assisted Reproduction-Anshu Agarwal 2021-06-10 A comprehensive guide to sperm retrieval methods performed for men with anospermia, azoospermia and male fertility specialists.

Ovarian Stimulation Protocols-Gautam N. Allahbadia 2015-09-15 Ovulation Stimulation Protocols is a concise guide to the various ovulation induction protocols used in gonadotrophin-releasing hormone (GnRH) agonist and antagonist protocols. This book provides a comprehensive guide to ovulation induction protocols used in assisted reproduction techniques (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 polycystic ovarian syndrome (PCOS) will help clinicians in selecting the better or appropriate protocols. The contributors of this book have knowledge in reproductive medicine and clinical andrology backgrounds, with years of experience in clinical practice. This book contains 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.

Prognosis 1.0: Prognostic Models in Fertility Treatment-M.A.H. Wiesensiek 1998-10-15 It is clinically sophisticated, easy-to-use medical software that helps counseling physicians reliably predict a subfertile couple’s chance of pregnancy with swift and straightforward assistance. Prognosis 1.0 is perfect for couples who are looking for ways to improve the chances of pregnancy through IVF or other assisted reproductive techniques. The final section discusses various areas of concern and management including weight-related effects of ART, psychological effects, PGS in adolescents, implications of PGS for pregnancy, and medicolegal aspects. The book includes all of the latest topics on the subject, and is a comprehensive guide to ART in PCOS. Also a great deal of emphasis is placed on the management of infertility in PCOS. The next section examines different types of adjuvant therapy and their pros and cons. Topics include 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 Covaries various types of adjuvants and their use for different fertility issues Includes discussion on surgery as an adjuvant Highly illustrated with clinical photographs and diagrams.

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Intracytoplasmic sperm injection (icsi) is a widely used fertility treatment for couples with unexplained or male infertility. Although it is less invasive and less expensive than in vitro fertilization (ivf), artificial insemination (ai) is a widely used fertility treatment for couples with unexplained or male infertility. Although it is less invasive and less expensive than ivf, artificial insemination (ai) is still the treatment of choice for couples in whom the male partner has severe oligospermia or azoospermia.

Intracytoplasmic sperm injection (icsi) has also created new opportunities for the treatment of male infertility. This manual takes stock of the current knowledge about intracytoplasmic sperm injection (icsi) and provides a comprehensive guide to the technique, including all the latest developments in the field. The book is divided into four sections: the first section covers the basics of intracytoplasmic sperm injection (icsi), including the indications for the procedure, the laboratory techniques, and the ethical and legal considerations. The second section presents a detailed overview of the literature on intracytoplasmic sperm injection (icsi), with a focus on the results of large-scale randomized controlled trials. The third section covers the clinical applications of intracytoplasmic sperm injection (icsi), including the treatment of severe male infertility and the management of infertility in women with tubal factor infertility. The final section is a comprehensive guide to the management of infertility in men with severe or moderate male infertility, including the use of intracytoplasmic sperm injection (icsi) in conjunction with other treatments such as testicular sperm extraction (tes). The book is written by leading experts in the field of intracytoplasmic sperm injection (icsi) and is intended for clinicians who are interested in using this technique to treat infertility.

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practitioners from a number of disciplines, this is a practice-oriented manual of medical oncology and hematology, reproductive medicine and REI specialists, urologists, reproductive biologists and any professional working with the sperm chromatin, as well as the nature and etiology of sperm DNA damage. Written and edited by worldwide experts from UK, Europe and USA, this comprehensive, up-to-date guide discusses current treatment options, such as antioxidant therapy, varicocelectomy, advanced sperm processing both with natural and ART-assisted pregnancies, and debates the clinical utility of such tests. Finally, part V 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 implications. Each chapter concludes with extensive lists of clinical tools useful to the clinician, including an Internet database of resources and an extensive glossary of terminology. The Fertility Manual -Gabor Kovacs 2010-11-11 The fully revised and updated second edition of this manual provides comprehensive coverage of all aspects of infertility, including treatment and diagnosis. Each chapter is written by a recognized world expert in the field and, together, they aim to provide state of the art answers to all the problems of infertility in a single volume. The introductory chapter provides a flow-chart approach to systematic diagnosis and treatment. Clearly written and easy to read, the subsequent chapters describe what questions to ask, how to investigate, and what each treatment requires. With an expanded international team of authors, this new edition also offers new chapters devoted to third party reproduction and in vitro maturation of oocytes. From medical students studying for examinations to consultant physicians, this volume is a ‘must-have’ reference for anyone dealing with couples who have fertility problems.

The Subfertility Handbook-Gabor Kovacs 2010-11-11 This fully revised and updated edition of this handbook provides comprehensive coverage of all aspects of subfertility, including treatment and diagnosis. Each chapter is written by a recognized world expert in the field and, together, they aim to provide state of the art answers to all the problems of subfertility in a single volume. The introductory chapter provides a flow-chart approach to systematic diagnosis and treatment. Clearly written and easy to read, the subsequent chapters describe what questions to ask, how to investigate, and what each treatment requires. With an expanded international team of authors, this new edition also offers new chapters devoted to third party reproduction and in vitro maturation of oocytes. From medical students studying for examinations to consultant physicians, this volume is a ‘must-have’ reference for anyone dealing with couples who have fertility problems.

Fertility: National Collaborating Centre for Women’s and Children’s Health (Great Britain) 2004 Manual of Fertility Enhancing Hysteroscopy-Shishir Jain 2018-04-30 This book is an illustrated and comprehensive compendium of tips by experts in the field of fertility enhancing endoscopic surgery and assisted reproduction. This book captures full spectrum of diagnostic and operative hysteroscopy in the infertility population. The authors describe different techniques in various clinical situations and review the recent evidence based literature supporting them. All procedures are explained in clear and precise text supplemented with high quality color pictures.

Practical Guide to Ovulation Induction-Chaitanya Nagori 2018-04-30 Practical Guide to Ovulation Induction is considered a basic of success 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 such every aspect and indicate the considerations for 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 review for busy practitioners too. Book jacket.

A Textbook of Clinical Embryology-Elsie Girth 2001-05-06 A comprehensive guide for trainees in embryology and medical students in the specialized techniques and technology of assisted reproduction. It also covers andrological endocrinology with chapters on clinical investigation and laboratory evaluation of sperm DNA damage, including oxidative stress, abortive apoptosis, cancer, and reproductive cancers. The book emphasizes contemporary concerns for evidence-based practice, minimizing interventions, and promoting male reproductive health.

The Boston IVF Handbook of Infertility-Steven Bayer 2017-06-01 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 general practitioner 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.

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 the range of circumstances. The authors have chosen not to give a comprehensive review of the various subjects but have instead focused on practical methods which have proven to be useful in their experience, with special emphasis on standardizing chemotheraphy protocols.

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The Fertility Manual -Gabor Kovacs 2010-11-11 A simple, accessible guide to fertility testing and treatment, by an OB/GYN and fertility specialist who experienced the patient’s perspective firsthand. When you want nothing more than to start or grow your family, fertility issues are the most frustrating and heartbreaking obstacles to encounter. But fortunately, there is hope. As a fertility doctor who struggled through her own journey to motherhood, Dr. Kovacs knows what it’s like to be on both sides of the exam table. The Fertility Manual: Reproductive Options for Your Family draws upon her unique bank of knowledge and experience to explore all the options. One of the most expected fertility specialties in North Texas. Dr. Noorhasan walks you through the field of fertility testing and treatments in language easy for those without a medical background to follow and understand. She empowers you with the right tools and questions to bring to your doctor so that you can continue your journey to parenthood with strength and courage.

Artificial Insemination in Farm Animals-Milad Manual 2011 Artificial insemination is used instead of natural mating for reproductive purposes and its chief purpose is that the desired characteristics of a bull or other male livestock animal can be passed on more quickly and to more progeny than if that animal was mated with females in a natural fashion. This book contains under one cover 16 chapters of concise, up-to-date information on artificial insemination in bison, ewes, pigs, swine, sheep, goats, pigs and dogs. Cryopreservation effect on sperm quality and fertility, new method and diagnostic test in semen analysis, management factors affecting fertility after cervical insemination, factors of non-infectious nature affecting the fertility, fatty acids effects on reproductive performance of ruminants, partialization of artificial insemination, sperm preparation techniques and reproductive endocrinology diseases are described. This book will explain the advantages and disadvantages of using AI, the various methodologies used in different species, and how AI can be used to improve reproductive efficiency in farm animals.

Ultrasonography in Infertility and Gynecology-Sonal Panchal 2019-06-31 A Practical Guide to Setting up an IVF Lab, Embryo Culture Systems and Running the Unit-C. Vangh 2013-07-30 A complete guide to setting up an IVF laboratory. Beginning with an introduction to the history and the basics, the following chapters take clinicians through the full set up and running of an IVF Laboratory. Following an update on air quality control and cryopreservation facilities, to morphological embryo assessment, sperm processing and selection techniques, to document management systems. A separate chapter provides an update on semen analysis based on World Health Organisation (WHO) standards and interpretation of results. Written by an extensive author and editor team from the UK, Europe and the USA, this practical manual is invaluable for embryologists and IVF specialists planning to set up and manage an IVF laboratory successfully. Key points Practical guide to setting up and managing an IVF Laboratory Provides step by step process Includes chapter on semen analysis based on WHO standards and interpretation of results Extensive author and editor team from UK, Europe and USA

Sperm Chromatin-Andreas Zini 2011-08-04 Sperm DNA damage is common and has been associated with reduced rates of conception, impaired embryonic development and increased risk of miscarriage. Although the exact causes of sperm DNA damage are unknown, it is clear that infertile men possess substantially higher levels of sperm DNA damage than do fertile men. Written by leading, internationally renowned clinicians and basic scientists with expertise in sperm DNA, Sperm Chromatin: Biological and Clinical Applications in Male Infertility and Assisted Reproduction provides readers with a thoughtful and comprehensive review of the biological and clinical significance of sperm DNA damage. The work covers the fundamental principles of sperm chromatin structure and function, the protection of sperm DNA, the repair of sperm DNA damage, the clinical aspects of DNA damage and the impact of DNA damage on reproductive outcome. Unlike any other title on the topic, Sperm Chromatin: Biological and Clinical Applications in Male Infertility and Assisted Reproduction is an invaluable addition to the literature and will serve as an indispensable resource for basic scientists with an interest in sperm biology and for urologists, gynecologists, reproductive endocrinologists, and embryologists working in the field of infertility.

The Fertility Secret: Guide to Living a Fertile Life-Rupert Kitlz 2011-07-24 The Fertility Secret: Guide to Living a Fertile Life is a comprehensive tool for improving your fertility. This unique blend of Eastern and Western medicine prepares the reader for a life-changing journey to a healthy and fertile life. Focusing on the body’s natural ability to evolve and change, Dr. Kitlz highlights the many ways that you can take an active role in your fertility. Whether you are conceiving naturally or with the help of Assisted Reproductive Technologies (ART), this guide will serve as a personal and intimate resource along the way. Focusing on the 10 core facets of fertility wellness, The Fertility Secret: Guide to Living a Fertile Life offers multiple tools to support you on your journey. While conceiving is the ultimate goal, you will find revitalized fertility in all aspects of your life as you become more present, aware, and peaceful. You will embody fertility, in its truest form.

Comicon Concise of Obstetrics and Gynecology-Michael Andreade 2008-05-16 A real boon for medical practitioners from a number of disciplines, this is a practice-oriented manual of medical obstetrics and gynecology for day-to-day use in caring for patients’ obstetric and neonatal diseases. It is founded on the longstanding experience of a large specialized university department dedicated to having to provide reliable advice in a broad range of circumstances. The authors have chosen not to give a comprehensive review of the various subjects but have instead focused on practical methods which have proven to be useful in their experience, with special emphasis on standardizing chemotheraphy protocols.