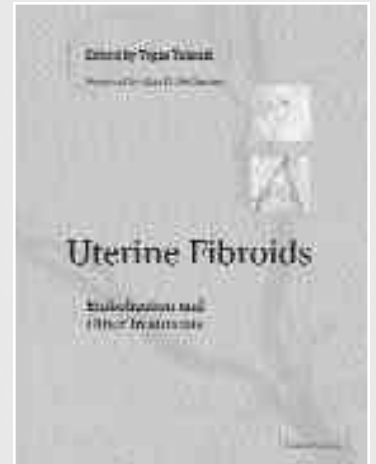


# Reproductive Medicine

NEW

## Uterine Fibroids Embolization and other Treatment Approaches

Edited by Togas Tulandi  
McGill University, Canada



Uterine fibroids are the most common benign tumors of the uterus and pelvis, and are the single most common cause of surgery in women apart from childbirth. As such, this pioneering new book, which compares and contrasts conventional surgical treatments with the rapid emergence of uterine artery embolization as an alternative and less invasive procedure, looks set to provide a turning-point for the future treatment of this condition. A host of international experts from gynecology and interventional radiology have contributed chapters, including one by Dr Jacques Ravina the pioneer of uterine artery embolization. Although the main focus is on embolization, the book does also give a very comprehensive account of the epidemiology, pathology, diagnosis and management of uterine fibroids, and of conventional treatments such as hysterectomy and myomectomy.

### Features

- *Fibroids account for the single largest cause of surgery in women after childbirth, resulting in approximately 200,000 hysterectomies each year in the USA*
- *This account compares conventional treatments of myomectomy and hysterectomy with the rapidly advancing use of uterine artery embolization*

**Contents:** 1. Fibroids: epidemiology and an overview; 2. Histopathology of uterine leiomyomas; 3. Imaging of uterine leiomyomas; 4. Abdominal myomectomy; 5. Laparoscopic management of uterine myoma; 6. Hysteroscopic myomectomy; 7. Myomas in pregnancy; 8. Expectant and medical management of uterine fibroids; 9. Hysterectomy for uterine fibroid; 10. History of embolization of uterine myoma; 11. Uterine artery embolization – vascular anatomic considerations and procedure techniques; 12. Pain management during and after uterine fibroid embolization; 13. Patient selection, indications and contra-indications; 14. Results of uterine artery embolization; 15. Side effects of uterine artery embolization and prevention of complications; 16. Reproductive function after uterine artery embolization; 17. Reasons and prevention of embolization failure; 18. Future of embolization and other therapies from gynecologic perspectives; 19. The future of fibroid embolotherapy: a radiological perspective.

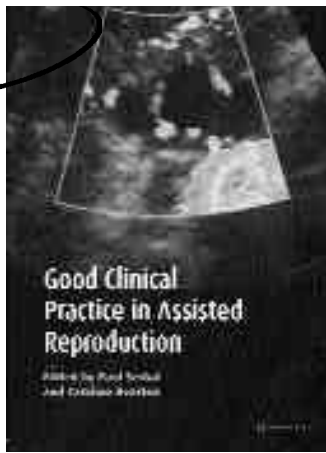
2003 176pp 90 illustrations

0 521 81938 5

HB

\$225.00

EW  
OR 2004



## Good Clinical Practice in Assisted Reproduction

Edited by Paul Serhal  
The University College London Hospitals  
and Caroline Overton  
Norfolk & Norwich University Hospital

This user-friendly, practical guide provides an excellent introduction to good clinical practice in the investigation and treatment of infertility, using the very latest assisted reproductive technologies. There are chapters on clinical assessment of the male and the female, followed by detailed chapters on the clinical procedures that can be put in place to help overcome infertility. There are chapters on IVF, GIFT and ZIFT and clinical aspects of PGD, and on how to set up a successful IVF unit. With its clinical focus, this will undoubtedly become an essential introduction to this field.

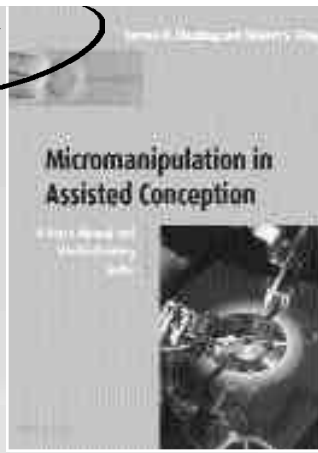
### Features

- *Practical, clinical, hands-on guide by experienced practitioners*
- *Covers the very latest assisted reproductive technologies and procedures*
- *Comprehensively illustrated and referenced*

**Contents:** 1. Clinical assessment of the woman for assisted conception; 2. Clinical assessment and management of the infertile man; 3. Laboratory assessment of the infertile man; 4. Donor insemination; 5. Treatment options prior to IVF; 6. Strategies for superovulation for IVF; 7. Techniques for in-vitro fertilization; 8. Ovarian hyperstimulation syndrome; 9. Early pregnancy complications after ART; 10. Oocyte donation; 11. Surrogacy; 12. Clinical aspects of preimplantation genetic diagnosis; 13. Controversial issues in assisted reproduction; 14. Alternatives to IVF; 15. Counselling; 16. Good nursing practice in assisted conception; 17. Setting up an IVF unit; 18. Information technology; 19. ART in older women; 20. Ethical aspects of controversies in ART.

August 2004 325pp 116 illustrations  
0 521 00091 2 PB \$140.00

NEW



## Micromanipulation in Assisted Conception

Steven D. Fleming  
University of Sydney  
and Robert S. King  
Eppendorf Inc, USA

This practical handbook provides an extremely comprehensive, highly illustrated and up-to-date guide to micromanipulation techniques in assisted conception in a clinical setting. It includes detailed, illustrated descriptions of all the common micromanipulation systems currently in use in IVF laboratories and clearly explains how to optimise their successful use. The volume covers state-of-the-art techniques including ICSI, and procedures such as assisted hatching and the blastomere biopsy (for PGD). Valuable information on troubleshooting mechanical and technical difficulties is provided to help all the practitioners of these techniques, from technicians to consultant obstetricians.

### Features

- *Highly illustrated practical guide to the techniques with advice on setting up the equipment, problem solving and troubleshooting*
- *Covers wide range of applications of micromanipulation in ART and IVF*
- *Written by experts with in-depth, hands-on experience of using micromanipulation*

**Contents:** Acknowledgements; Acronyms; Glossary of terms; 1. Micromanipulation in human assisted conception: an overview; 2. Media and other consumables for micromanipulation; 3. Narishige micromanipulation workstation systems; 4. Eppendorf micromanipulation workstation systems; 5. Research Instruments micromanipulation workstation systems; 6. Instrument selection; 7. Preparation of gametes for micromanipulation; 8. Intracytoplasmic sperm injection; 9. Zona manipulation and embryo biopsy; 10. Microtool manufacture; 11. Transgenesis and the generation of knock-out mice; 12. New and advanced techniques; References; Appendix: Suppliers and manufacturers of equipment and consumables..

January 2004 280pp 100 illustrations  
0 521 64847 5 HB \$120.00

## Assisted Reproductive Technology

### Accomplishments and New Horizons

Edited by Christopher J. De Jonge  
University of Minnesota

and Christopher L. R. Barratt  
Birmingham Women's Hospital

This insightful and thought-provoking collection of chapters describes the rapid advances that have revolutionised reproductive medicine. This transformation is the result of converging and overlapping developments in reproductive biology, molecular biology and genetics. These advances allied with remarkable technical developments are pushing the boundaries of this discipline ever faster forward. This volume surveys this rapid expansion and looks ahead at exciting new prospects for the future that stand at the watershed between basic science and clinical application. From oogenesis and spermatogenesis, through to fertilisation, embryogenesis, and cloning, this volume looks at cutting-edge technologies and scientific advances. Subsequent chapters focus on infertility and its diagnosis and treatment using the full armory of assisted reproductive technologies. A concluding section surveys the impact of these developments on the provision, regulation and financing of reproductive health care in the global community.

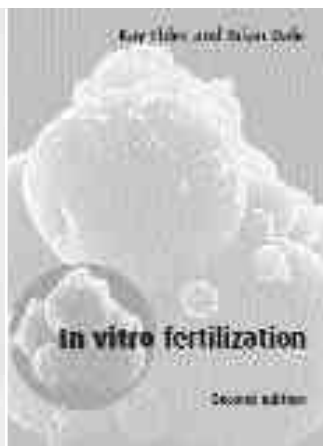
### Features

- *Presents a comprehensive review of the field of ART*
- *Includes important coverage of future developments and prospects*
- *Written by leading international authorities*

*'The editors have done an excellent job of producing a topical and authoritative work that is simultaneously a joy to read.'*  
JOURNAL OF ANDROLOGY

**Contents:** Part I. The Gametes, Part II. Techniques, Part III. The Clinic; Part IV. Concepts for the Global Community.

2002 446pp 60 illustrations  
0 521 80121 4 HB \$225.00



## In Vitro Fertilization

Second edition

Kay Elder  
Bourn Hall Clinic, Cambridge  
and Brian Dale  
Centre for Reproductive Biology, Naples

This comprehensively updated and expanded new edition builds on its successful and popular predecessor, retaining the practical features which made the first edition such an essential guide to IVF. The new edition describes the most recent additions to the range of current ART clinical treatments, including the use of testicular and epididymal sperm, blastocyst stage transfer, and new perspectives in cryobiology and cryopreservation techniques. By incorporating the very latest laboratory techniques and protocols, with an even greater emphasis on quality control, it provides an indispensable and practical account. The introductory chapters covering the scientific background that underpins effective laboratory practice have been substantially expanded to include the most recent information available, derived from research in mammalian systems into the molecular biology of oogenesis, oocyte maturation, and early embryo metabolism. This new edition distils a wealth of practical and scientific detail for the benefit of all IVF practitioners.

### Features

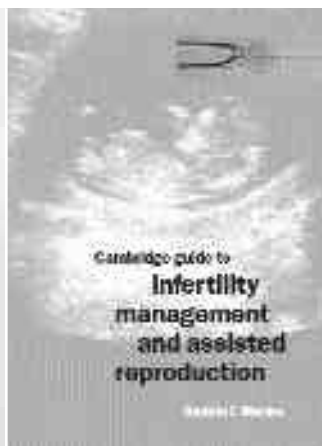
- **Unique combination of scientific background and practical handbook, all integrated in a single volume**
- **Several new sections provided by expert contributors, including new chapter on preimplantation genetic diagnosis**

*'... an excellent handbook for good IVF laboratory practice right down to a description of total quality management (TQM) systems ... concise, well written and should be mandatory reading for all potential and actual embryologists, as well as for those clinicians seeking a wider understanding of the subject.'*

HUMAN FERTILITY

**Contents:** 1. Introduction; 2. Producing gametes; 3. Sperm-oocyte interaction; 4. First stages of development; 5. Endocrine control of reproduction; 6. Assisted reproductive technology (ART) in farm animals; 7. The clinical in vitro fertilization laboratory; 8. Semen analysis and preparation for assisted reproductive techniques; 9. Oocyte retrieval and embryo culture; 10. Cryopreservation; 11. Micromanipulation techniques; 12. Preimplantation genetic diagnosis.

2000 322pp 48 illustrations  
0 521 77863 8 PB \$140.00



## Cambridge Guide to Infertility Management and Assisted Reproduction

Godwin I. Meniru  
Northeastern Ohio Universities College of Medicine  
Foreword by Alvin Langer

This well-illustrated publication provides concise yet comprehensive practical information on the modern-day approach to the diagnosis and treatment of infertility. It starts from basic principles of reproductive physiology, before moving on to the medical causes of infertility, and then describes and explains the full armory of techniques from IVF to ICSI and even newer technologies used to treat infertility in all its manifestations.

**Contents:** Foreword; Preface; 1. The male reproductive system; 2. The female reproductive system; 3. Fertilisation, implantation and early development; 4. Male factor problems; 5. Female factor problems; 6. Evaluation of the infertile couple; 7. Medical and surgical treatment of infertility; 8. Conventional in-vitro fertilisation; 9. Intracytoplasmic sperm injection; 10. Surgical sperm retrieval; 11. Intrauterine replacement of gametes and embryos (GIFT, ZIFT); 12. Intrauterine insemination; 13. Cryopreservation of gametes, ovarian tissue, testicular tissue and embryos; frozen embryo replacement; 14. Assisted hatching; 15. Preimplantation diagnosis of genetic disease; 16. Acronyms in assisted reproduction technology.

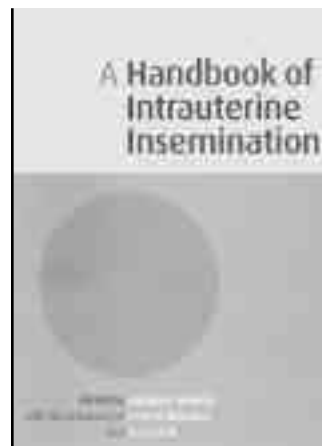
2001 290pp 127 illustrations  
0 521 01071 3 PB \$120.00

## Microbiology, Infections and Assisted Reproduction

Kay Elder  
Bourn Hall Clinic, Cambridge  
Julie Ribes and Doris Baker  
University of Kentucky

This unique and practical book provides a basic overview of microbiology in the context of ART, providing an up-to-date guide to infections in reproductive medicine. The relevant facets of the complex and vast field of microbiology are condensed and focused, highlighting information that is crucial for safe practice in both clinical and laboratory aspects of ART.

Forthcoming Late 2004 300pp 93 illustrations  
0 521 81910 5 HB c.\$225.00



## A Handbook of Intrauterine Insemination

Edited by Godwin I. Meniru  
Jerudong Park Medical Centre, Brunei  
Peter R. Brinsden  
Bourn Hall Clinic, Cambridge

Ian L. Craft  
London Gynaecology and Fertility Centre

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 for infertility and is less invasive than in vitro fertilisation and its variants. This 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.

*'I have no doubt that this book will be useful to clinicians interested in using intrauterine insemination (IUI) for infertility management.'*

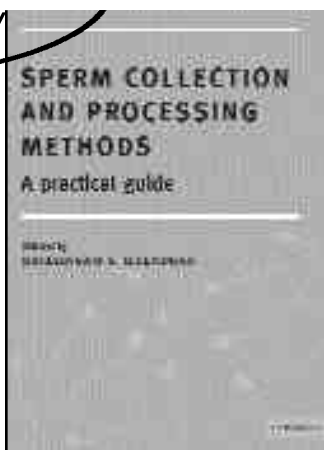
THE LANCET

**Contents:** 1. An overview of intrauterine insemination; 2. Equipment, design and organisation of the unit; 3. Patient selection and management; 4. Fertility counselling; 5. Ovarian stimulation for the assisted reproductive technologies; 6. Controlled superovulation for intrauterine insemination; 7. Ultrasonography in the management of infertility with special reference to intrauterine insemination; 8. Semen analysis and sperm preparation; 9. Intrauterine insemination techniques; 10. The role of the nurse in an insemination programme; 11. Principles and practice of semen cryopreservation; 12. Donor sperm banking; 13. Complications of superovulation and intrauterine insemination; 14. Concluding remarks; thoughts on the management of infertility; Appendices.

1997 261pp 115 illustrations  
0 521 58676 3 PB \$130.00

NEW  
FOR 2004

NEW



## Sperm Collection and Processing Methods

A Practical Guide

Edited by Rajasingam S. Jeyendran  
Northwestern University Medical School

This guide to sperm collection and processing methods demonstrates how successful these procedures are to overcome even severe infertility. Most sterility cases are now either treatable or entirely circumvented through various clinical techniques described in this volume.

**Contents:** Part I. Sperm Procurement Methods: Patient semen collection; Patient semen collection with assistance; Clinical semen collection; Anejaculatory men; Azoospermic men; Clinical sperm collection; Part II. Sperm Processing Methods: General procedures: Sperm washing, sperm treatment and cryopreservation; Sperm processing procedure for intrauterine insemination; Sperm processing procedure for assisted reproductive technology.

2003 170pp 37 illustrations  
0 521 52417 2 PB \$150.00

## Interpretation of Semen Analysis Results

A Practical Guide

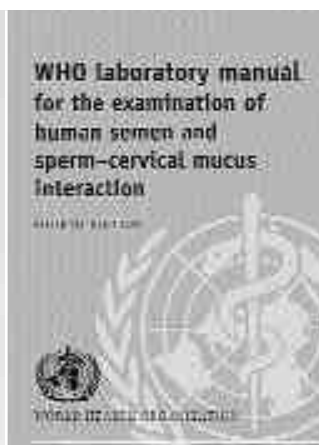
Rajasingam S. Jeyendran  
Northwestern University Medical School

A structured guide, illustrated with case histories, to the interpretation of semen analysis.

*'... an excellent reference guide for anyone interpreting semen analysis, from the novice to the experienced reproductive endocrinologist and urologist.'*  
FERTILITY AND STERILITY

**Contents:** 1. Hypotheses on fertile ejaculate identification; 2. Male reproductive system background; 3. Semen analysis interpretation – routine semen analysis; 4. Semen analysis interpretation – specialized semen analysis; 5. The logical sequence of routine and specialized semen; 6. Semen component point-of-origin; 7. Conclusion; 8. Standard semen variables reference values (Table 1); 9. Specialized semen test reference values (Table 2); 10. Spermatozoa biochemical analysis and seminal plasma; 11. Chemical analysis reference values (Table 3).

2000 112pp  
0 521 79957 0 PB \$99.00



## WHO Laboratory Manual for the Examination of Human Semen and Sperm-Cervical Mucus Interaction

Fourth edition

World Health Organization

This is an essential source of reference for all laboratories involved in the analysis of human semen. The book sets out the fundamental laboratory techniques that should be employed in the diagnosis of male infertility.

### Features

- *The gold standard for the examination of human semen*
- *Essential reference book for investigating infertility*
- *Provides full practical details, along with illustrated examples*

*'The WHO manual should have a prominent place in the benches of all laboratories dealing with human semen and on the shelves of clinicians dealing with subfertile couples ... The new fourth edition, or the 'gold book' as I am sure it will be called, will then continue to be the benchmark for setting more rigorous standards in the future.'*

HUMAN FERTILITY

Published on behalf of the World Health Organization

1999 138pp 27 illustrations  
0 521 64599 9 PB \$110.00

## Male Fertility and Infertility

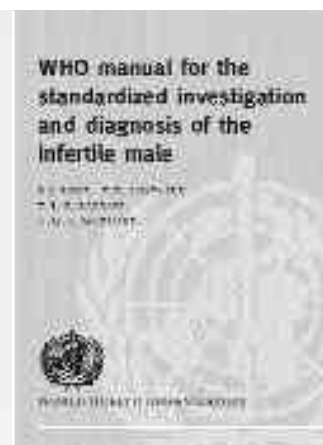
Edited by T. D. Glover  
University of Leeds, UK

and C. L. R. Barratt  
University of Birmingham, UK

*'... the book is an enjoyable read and certainly a valuable addition to any bookshelf.'*

HUMAN FERTILITY

1999 286pp 13 illustrations  
0 521 62375 8 HB \$250.00



## WHO Manual for the Standardized Investigation, Diagnosis and Management of the Infertile Male

Patrick J. Rowe  
World Health Organization

Frank H. Comhaire  
Universiteit Gent, Belgium

Timothy B. Hargreave  
University of Edinburgh  
and Ahmed M.A. Mahmoud  
Universiteit Gent, Belgium

The treatment of male infertility has been revolutionised by advances in assisted reproductive technology. This concise and structured account provides a consensus on the most effective and logical approach to the investigation and management of male infertility, making it an indispensable guide to good clinical management of all forms of male infertility.

*'The manual is a must for clinical andrologists of the future....'*

HUMAN FERTILITY

**Contents:** 1. Introduction; 2. History taking; 2.1. The definition of infertility; 2.2. Previous investigations and/or treatment for infertility; 2.3. History of diseases with possible adverse effect on fertility; 2.4. Pathology possibly causing testicular damage; 2.5. Other factors with possible adverse effect on fertility; 3. Clinical assessment of male fertility; 3.1. Physical examination; 3.2. Laboratory investigations; 3.3. Additional technical investigations; 4. Objective criteria for diagnostic categories in the standardized management of male infertility; 4.1. Semen classification; 4.2. Diagnostic categories and management; 4.3. General comments.

Published on behalf of the World Health Organization

2000 102pp 15 illustrations  
0 521 77474 8 PB \$99.00



## Gametes – The Spermatozoon

Edited by J. G. Grudzinskas  
The Royal London Hospital  
and J. Yovich  
PIVET Medical Centre, Perth

A detailed, comprehensive account of the spermatozoon and its reproductive function.

*'... well written ... well illustrated ... will provide a useful source of information, particularly for trainees in obstetrics, gynaecology and andrology, and especially for those intending to subspecialise in reproductive medicine.'*

BRITISH JOURNAL OF OBSTETRICS & GYNAECOLOGY

**Contents:** 1. Evolution of human gametes—spermatozoa; 2. The mammalian sperm cell surface:molecular and cellular aspects; 3. Sperm—structure and function; 4. Tests of human sperm function;5. The sperm cell:genetic aspects; 6. The motility of human spermatozoa before and after capacitation;7. Post-testicular sperm maturation and transport in the excurrent ducts;8.Sperm cell:sperm transport in the female genital tract;9.Clinical disorders affecting semen quality;10.Sperm storage;11.Cell biology of human spermatozoa;12.Sperm antibodies:formation and significance;13.Spermatogenesis;14. Sperm preparation for assisted conception; 15. Bioethics and the spermatozoon: reproductive destiny.

1995 328pp 88 illustrations  
0 521 47996 7 PB \$85.00

## Gametes – The Oocyte

Edited by J. G. Grudzinskas  
The Royal London Hospital  
and J. Yovich  
PIVET Medical Centre, Perth

This volume provides an authoritative and wide ranging account of the gametes and their reproductive role and function in humans.

**Contents:** 1.Evolution of human gametes – oocytes; 2.Molecular and cellular aspects of oocyte development; 3.Cytoskeletal organisation and dynamics in mammalian oocytes during maturation and fertilization;4.Oocyte – genetic aspects;5.Genetic control of ovarian development; 6.Ovulation 1 – Oocyte development throughout life; 7.Ovulation 2 – The control of mammalian oocyte maturation;8.Ovulation 3 – Endocrinology of ovulation; 9.Ovulation 4 – Paracrine regulation of ovarian function; 10.Oocyte transport;11. Factors affecting oocyte quality; 12. Clinical disorders affecting ovulation and oocyte quality; 13.Ovarian stimulation for assisted conception;14. The zona pellucida;15.Oocyte storage;16.Bioethics and the oocyte:reproductive choice.

1995 455pp 125 illustrations  
0 521 47995 9 PB \$110.00



NEW

## Biology and Pathology of the Oocyte

Its Role in Fertility and Reproductive Medicine

Edited by Alan O. Trounson  
Monash University  
and Roger G. Gosden  
Eastern Virginia Medical School

The human oocyte is the rarest and most rapidly ageing cell in the body, and yet one that is essential for fertility. This book is about the development and pathology of the oocyte, and new technologies to manipulate, enhance, and control fertility. World-leading experts have contributed to the first book for many years on basic and applied science of the egg, its clinical manipulation, and its pivotal role in reproductive medicine and biology. It will be an essential reference for scientists and clinicians in reproductive medicine and biology.

### Features

- *The oocyte is the origin of chromosomal anomalies*
- *The oocyte is a potential target for the contraception of the future*
- *Roger Gosden is also the author of Designer Babies*

**Contents:** Part I.Historical Perspective:1. The magic and mystery of the oocyte:ex ovo omnia; Part II.Life Cycle: 2.Ontogeny of the mammalian ovary;3. The early stages of follicle growth;4.Modelling the dynamics of ovarian follicle utilisation throughout life;5.Comparative aspects of oogenesis; Part III.Developmental Biology:6.Oocyte-specific gene expression:roles in folliculogenesis, fertilization and early development;7.Morphology and pathology of the human oocyte;8.Storage and functional recovery of molecules in oocytes 9.Endocrine regulation of meiosis – local and systemic hormonal influences; 10.Checkpoint controls in mammalian oocytes; 11. Fertilization:fate of sperm components after ICSI; 12.Activation of the mammalian egg;13.Clinical application of symmetry, asymmetry and polarity in early human development; Part IV. Pathology:14. The legacy of mitochondrial DNA;15.Aneuploidy in ageing oocytes and after toxic insult;16.Genetic basis of primary ovarian failure; Part V. Technology and Clinical Medicine: 17.Growth and development of the mammalian oocyte-granulosa cell complex in culture;18.Human oocyte maturation in vitro;19. Follicular factors affecting oocyte maturation and development competence;20.Low temperature storage of follicular and ovulated oocytes; 21. Fecundity of transplanted ovaries.

2003 362pp 94 illustrations  
0 521 79958 9 HB \$225.00



NEW

## Physiology of the Graafian Follicle and Ovulation

R. H. F. Hunter  
Royal Veterinary University, Copenhagen,  
and University of Cambridge

Ovulation is a key event in the female mammalian reproductive cycle, yet the process of ovulation itself remains poorly understood. This volume integrates the vast available literature from both animal and human systems to provide a comprehensive and digestible summary.

**Contents:** Acknowledgements;1.Mammalian ovaries, Graafian follicles and oocytes:selected historical landmarks;2. Formation and structure of ovaries: elaboration of follicular compartments;3.Physiology of the ovaries and maturing Graafian follicles;4.Ovarian follicular-antral fluid;5.Endocrine potential and function of a Graafian follicle;6. Follicular recruitment and development:selection – or atresia;7. Follicular responses to the pre-ovulatory surge of gonadotrophic hormones; 8. The process of ovulation and shedding of an oocyte; 9. Post-ovulatory fate of follicle and oocyte:contributions of somatic cells and follicular fluid;10. Failure of ovulation: status of the gonads;11.Induction of ovulation in women and domestic animals;12.Concluding thoughts and a current perspective.

2003 418pp 96 illustrations  
0 521 78198 1 HB \$225.00

## Human Implantation Cell Biology and Immunology

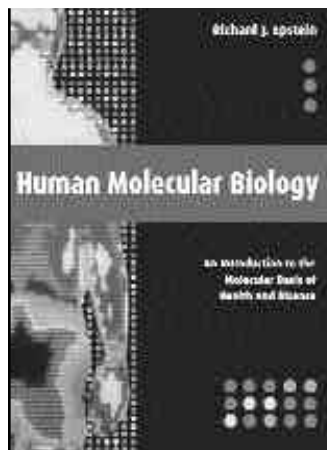
Y. W. Loke and Ashley King  
Both from University of Cambridge

This book explains and reviews some of the significant events involved in human implantation and the establishment of the placenta in the uterus. The authors have succeeded in producing a timely, coherent and stimulating account which will benefit all those studying or undertaking research in reproductive biology and immunology, perinatal pathology, fetal medicine and obstetrics.

*'This book will be useful for many investigators because of its quality in summarising clearly a large body of data in this complex field of research. It should make understanding complex matters easier for young investigators entering this field.'*

PLACENTA

1995 313 pp  
0 521 44193 5 HB \$250.00



## Human Molecular Biology

An Introduction to the Molecular Basis of Health and Disease

Richard J. Epstein

National Cancer Centre and University of Singapore

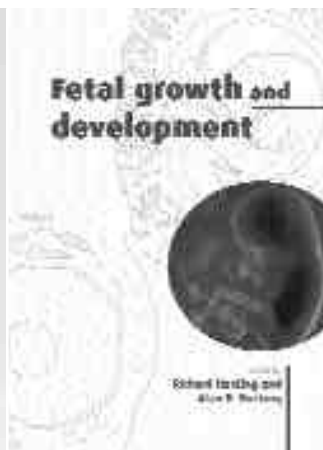
An introduction to the molecular basis of health and disease for the new generation of life scientists and medical students. By integrating cutting-edge molecular genetics and biochemistry with the latest clinical information, the book weaves a pattern which unifies biology with syndromes, genetic pathways with developmental phenotypes, and protein function with drug action. A narrative is traced through the workings of genomes, cells and organ systems, culminating in linking of laboratory technologies to future research horizons.

### Features

- Unifies and integrates molecular biology with clinical medicine
- Highly illustrated throughout
- Text is supported by structured revision aids: 'Clinical Keynotes', 'Pharmacologic Footnotes', 'Molecular Minireviews', and 'Superfamily Spotlights'

**Contents:** Part I. From Molecular Biology to Human Genetics; Part II. From Molecular Genetics to Human Biochemistry; Part III. From Molecular Biochemistry to Human Cell Biology; Part IV. From Molecular Cell Biology to Human Physiology; Part V. From Molecular Physiology to Human Molecular Biology.

2003 656pp 414 illustrations  
 0 521 64481 X PB \$ 99.00  
 0 521 64285 X HB \$299.00



## Fetal Growth and Development

Edited by Richard Harding

University of Western Ontario, Canada

and Alan D. Bocking

Monash University

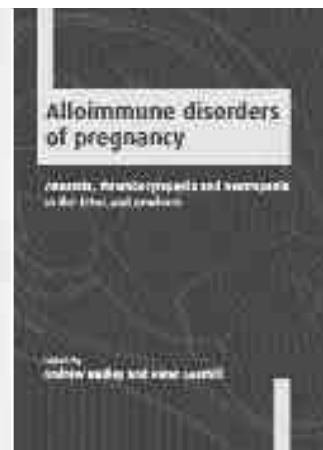
This exciting publication provides a valuable insight into fetal growth and development across all the main body systems. Additional chapters on the embryo, the placenta and parturition will insure that this is a fully self-contained introduction suitable for all students of medicine and biology.

### Features

- A concise, illustrated and self-contained account of fetal growth and development, from early embryology right through to birth
- Highlights the long-term influences and implications of the materno-fetal environment on the development of adult-onset diseases
- Provides a fascinating insight into the development of the fetal body systems as they are primed ready to face the challenge of life outside the womb

**Contents:** Introduction; 1. Development of the embryo; 2. Development and function of the placenta; 3. Growth and metabolism; 4. Cardiovascular system; 5. Fluid balance; 6. Respiratory system; 7. Digestive system; 8. Nervous and neuromuscular systems; 9. Endocrine functions; 10. Sexual differentiation and development of the reproductive organs; 11. Maternal adaptation to pregnancy; 12. Parturition.

2001 294pp 80 illustrations  
 0 521 64543 3 PB \$ 75.00  
 0 521 64237 X HB \$225.00



## Alloimmune Disorders of Pregnancy

Anaemia, Thrombocytopenia and Neutropenia in the Fetus and Newborn

Edited by Andrew Hadley and Peter Soothill

Both from the University of Bristol

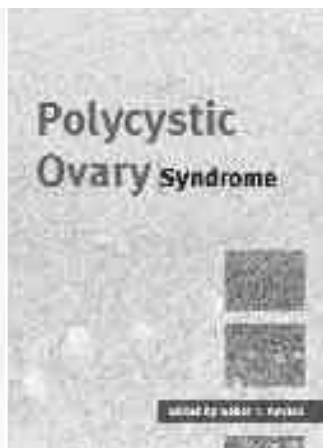
An overview of the alloimmune disorders of pregnancy which arise from maternal immunisation to fetal blood cells.

### Features

- An authoritative single-volume compilation on this important group of disorders
- Combines pathophysiology, epidemiology, diagnosis and laboratory investigation, and treatment and management
- Multi-disciplinary team of authors provide in-depth coverage

**Contents:** 1. Pathophysiology of the alloimmune cytopenias; 2. Blood group antibodies in haemolytic disease of the fetus and newborn; 3. Basis and practice of screening for haemolytic disease of the fetus and newborn; 4. Epidemiology and screening for alloimmune thrombocytopenia; 5. Principles of antibody-mediated immune suppression and the prevention of maternal Rh(D) alloimmunisation; 6. The clinical application of anti-D prophylaxis; 7. Fetal genotyping; 8. Laboratory assays to determine the severity of haemolytic disease of the fetus and newborn; 9. Assessing the severity of haemolytic disease of the fetus and newborn: clinical aspects; 10. Antenatal therapy for haemolytic disease of the fetus and newborn; 11. Neonatal therapy for haemolytic disease of the newborn; 12. The diagnosis of alloimmune thrombocytopenia; 13. The diagnosis of alloimmune neutropenia; 14. Fetal and neonatal treatment of alloimmune thrombocytopenia.

2001 304pp 59 illustrations  
 0 521 78120 5 HB \$200.00



## Polycystic Ovary Syndrome

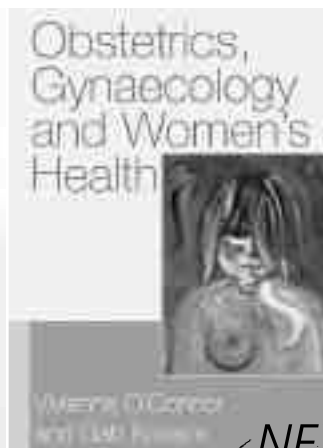
Edited by Gabor Kovacs  
Monash University

Polycystic ovary syndrome (PCO) is one of the most common reproductive health problems of women. Despite this, its effective treatment remains a significant challenge to the medical profession. This new publication provides an essential guide to the diagnosis of the syndrome, its aetiology, pathology and effective medical management. An important theme running through the book is the role of PCO as a major cause of infertility, and the use of new assisted reproductive technologies to overcome this problem. In addition, this comprehensive account summarises the most recent advances in the molecular basis of the syndrome, its genetic basis and long-term health effects. Given the significant new developments in all these areas, this up-to-date account is the definitive guide to effective clinical practice in an area where consensus has previously been lacking. It will appeal to all doctors with an interest in reproductive endocrinology, including gynaecologists, IVF specialists and obstetricians.

*'... clearly written, beautifully laid out and offers concise information on the background of the disease, its diagnosis, clinical manifestations and treatments. ... I would recommend the book to any practitioner who regularly encounters this condition.'*

HOSPITAL DOCTOR

2000 240pp 400 illustrations  
0 521 66073 4 HB \$225.00



## Obstetrics, Gynaecology and Women's Health

Edited by Vivienne O'Connor  
University of Queensland  
and Gabor Kovacs  
Monash University

This is the essential textbook for students of obstetrics and gynaecology as well as those involved with women's health more generally. Thoroughly modern in approach, it covers clinical topics and surgical procedures as well as providing detailed commentary on the contemporary social, psychological and economic issues that affect women's health.

Many authors who are the acknowledged leaders in their respective research field have contributed succinct chapters. In this way both students and health professionals are able to benefit from their expertise in a lively and accessible text. It will be a valuable resource for health professionals, including general practitioners, nurses, physiotherapists and health workers. Specific sections address women's mental health, genetics, prescribing for women, health promotion, hormones throughout the life cycle, psychological and behavioural issues. The text is fully illustrated with many useful guides, tables, photographs and diagrams.

**Contents:** Part I. Women's Health; Part II. Early Life; Part III. Reproductive Years; Part IV. Middle Years; Part V. Older Years; Part VI. Women and Illness.  
2003 704pp 78 colour plates 124 halftones  
0 521 81893 1 HB \$89.95

## Ethical Issues in Maternal-Fetal Medicine

Edited by Donna L. Dickenson  
University of Birmingham

A broad range of experts from reproductive medicine, medical ethics and law address the ethical problems in maternal-fetal medicine which impact directly on clinical practice. Divided into parts by the stages of pregnancy, the book covers four main areas:

1. The balance of power in the doctor-patient relationship;
2. The impact of new technologies and diseases;
3. The 'designer baby'; and
4. Cultural, religious difference.

The focus is to unite analytic philosophy and actual practice for clinicians involved in human reproduction.

2002 366pp  
0 521 66474 8 PB \$ 65.95  
0 521 66266 4 HB \$250.00



## Women's Mid-Life Healthcare A Primary Care Guide

Edited by Jo Ann Rosenfeld  
The Johns Hopkins University

This book highlights the needs and healthcare concerns of women in their midlife. Women, in their middle ages, are often overlooked by medical practitioners. From the end of childbearing to old age, approximately ages 40 to 65, their health needs are complex and changing. This is a time of challenge and opportunity when the physician and woman working collaboratively can change her health and future. Midlife healthcare is far more than hormones. Healthy behaviours such as good nutrition and exercise can be promoted that will result in lower risk and sometimes improved care of heart disease, hypertension and diabetes. Adequate screening and treatment can prevent diseases and complications. The burgeoning literature on allopathic and complementary medicine is critically evaluated and compared to established medical care. Written by 20 primary care physicians, this book will help family practitioners provide the best possible healthcare for these women.

**Contents:** Part I. Health Promotion; Part II. Hormonal Changes; Part III. Disease Prevention; Part IV. Cancer Prevention.  
June 2004 364pp 99 illustrations  
0 521 82340 4 PB \$140.00

## Handbook of Women's Health An Evidence-Based Approach

Edited by Jo Ann Rosenfeld  
The Johns Hopkins University

This practical handbook provides a clear and comprehensive evidence-based guide to the care of women in ambulatory practice. With an emphasis on preventive care, it stresses the strength of evidence underlying common practices of care for these women.

*'... handsomely presented in a logical fashion, with recommendations easily identifiable and small summaries of important points highlighted throughout the text...'*

BRITISH JOURNAL OF GENERAL PRACTICE

2002 704pp  
0 521 78833 1 HB \$160.00  
Forthcoming in Paperback - September 2004  
0 521 54595 1 \$120.00

# The Troubled Helix

## Social and Psychological Implications of the New Human Genetics

Edited by Theresa Marteau

United Medical and Dental Schools of Guy's and St Thomas's, London and Martin Richards

This wide ranging and compelling account surveys the exciting opportunities and difficult problems which arise from the new human genetics. The availability of increasingly sophisticated information on our genetic make-up presents individuals, and society as a whole, with difficult decisions. Although it is hoped that these advances will ultimately lead the way to the effective treatment and screening for all diseases with a genetic component, at present many individuals are 'condemned' to a life sentence, in the knowledge that they, or their children, will suffer from an incurable genetic disease. This is the first book to attempt to explore and survey these issues from such a variety of perspectives: from personal accounts of individuals coping with the threat of genetic disease, from the viewpoint of clinicians and scientists, and from those concerned with psychosocial, legal and ethical aspects.

### Features

- A unique, multi-faceted account of the issues and dilemmas confronting doctors and their patients arising from the new human genetics
- The continuing discovery of new disease-causing genes, such as the 'breast cancer gene', makes the subject of the book even more topical

'... a very timely addition to the publications on human genetics, and medical genetics in particular ... all those who are concerned in genetic counselling should read it.' BRITISH MEDICAL JOURNAL

1999 380pp 17 illustrations  
0 521 58612 7 PB \$79.95

# Ethics and Evidence-Based Medicine

## Fallibility and Responsibility in Clinical Science

Kenneth W. Goodman  
University of Miami, USA

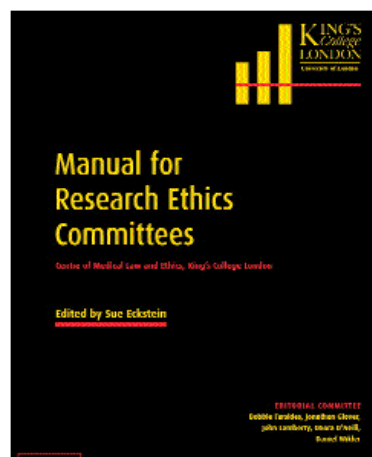
The growth of evidence-based medicine has occurred against a backdrop of health care reform, managed care, cost containment and quality improvement, and clinicians have been urged to adopt the rigors of science while remaining true to their 'clinical judgment'. This tension - between efforts to make medical practice more scientific and the suspicions of many clinicians - has caused one of the greatest practical and ethical challenges in the history of the health professions. This incisive book reviews the history and conceptual origins of evidence-based practice, and discusses key ethical issues that arise in clinical practice, public health and health policy. Essential reading for all physicians, and practitioners in epidemiology and public health, it will also be suitable as a text in medical and public health school courses on evidence-based practice.

'... well worth reading by anyone interested in health policy, EBM, and research synthesis. It is lucid and elegantly written.' THE LANCET

2002 180pp 1 illustration  
0 521 79653 9 PB \$ 69.95  
0 521 81933 4 HB \$199.00



CAMBRIDGE  
UNIVERSITY PRESS



# Manual for Research Ethics Committees

Centre of Medical Law and Ethics,

King's College London

Sixth Edition

Edited by Sue Eckstein

The sixth edition of the Manual for Research Ethics Committees is a unique compilation of legal and ethical guidance which will prove invaluable for members of research ethics committees, researchers involved in research with humans, members of the pharmaceutical industry and students of law, medicine, ethics and philosophy. Presented in a clear and authoritative form, it incorporates the key legal and ethical guidelines and specially written chapters on major topics in bioethics by leading academic authors and practitioners, pharmaceutical industry associations and professional bodies. In the sixth edition there are fifteen new chapters covering key issues from participation in clinical trials to cloning, and for the first time the manual has been produced in one easy-to-search hardback volume.

### Features

- Over 40 up-to-date, easy-to-find guidelines
- 15 completely new chapters on key issues
- All important relevant information brought together for the first time in one volume

2003 276 x 219 mm 578pp 3 half-tones 16 tables  
0 521 81004 3 HB \$425.00

Available to order from :