ART treatment is vulnerable to the hazard of potential infection from many different sources: patients, samples, staff, and the environment. This unique and practical book provides a basic overview of microbiology in the context of ART, with 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. This is an essential publication for all ART clinics and laboratories.

Features
• Spans the important interface between the fields of reproductive medicine and microbiology
• Deals in depth with the perils and risks of infection during ART, and how best to eliminate and avoid these
• Practical, well-illustrated and with well documented guidance on protocols and procedures

Contents:

2004 410pp 93 illustrations
978 0 521 81910 7  (0 521 81910 5) • HB • £65.00
Micromanipulation in Assisted Conception

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

Written by experts with in-depth, hands-on experience of using micromanipulation. This is a practical handbook providing 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.

‘Its meticulous design, explicit writing style and practical analysis provide a reliable, hands-on manual on assisted conception micromanipulation techniques.’

THE OBSTETRICIAN AND GYNAECOLOGIST

Contents:

2003 266 pp 100 illustrations
978 0 521 64847 9 (0 521 64847 5) • HB • £50.00

Preterm Labour

Managing Risk in Clinical Practice

Edited by Jane Norman and Ian Greer
Both from the University of Glasgow, Scotland

A practical guide to the optimal clinical management of preterm delivery, using the best available evidence. Preterm delivery remains a challenge today, even with the latest developments summarised here. The editors and authors (mostly practising clinicians) are all actively involved in research into the mechanisms, aetiology, treatment and associated outcomes of preterm labour. The chapters are based on common clinical scenarios and each provides a comprehensive literature review followed by evidence-based recommendations on appropriate management.

Features

- Preterm delivery remains a pre-eminent problem in modern obstetrics
- Contributing authors are all actively involved in research into the mechanisms, aetiology, treatment and associated outcomes.
- Also covers epidemiology, prediction and the prevention of preterm delivery.

Contents:

2005 396 pp 77 illustrations
978 0 521 85397 2 (0 521 85397 4) • HB • c. £60.00

The Sperm Cell

Production, Maturation, Fertilization, Regeneration

Edited by Christopher De Jonge
University of Minnesota, Minneapolis, USA
and Christopher L.R. Barratt
University of Birmingham, UK

This is a much-needed update on the investigation of the human male gamete. The volume summarises many unique and revealing characteristics of the sperm cell that have only recently been identified. It provides a detailed overview of human sperm production, maturation and function, and looks at how these processes affect and influence fertility, infertility and ART. This timely and definitive account will appeal to all practitioners and scientists in reproductive medicine and in particular to clinical scientists, graduate and post-graduate scientists, and laboratory personnel.

Contents:

2006 350 pp 77 illustrations
978 0 521 85397 2 • HB • c. £60.00

Reproductive Medicine
Paediatric and Adolescent Gynaecology
A Multidisciplinary Approach
Edited by Adam H. Balen
Leeds Teaching Hospitals, University Trust, UK
Sarah M. Creighton
University College London Hospitals, UK
Melanie C. Davies
University College London, UK
Jane MacDougall
Addenbrookes Hospital, Cambridge, UK
and Richard Stanhope
Great Ormond Street Hospital, UK
This book provides an overview of developmental anomalies, disorders and intersex conditions, written by leading international experts from a wide range of disciplines. With its multidisciplinary approach to healthcare, the book will be essential reading for specialists in paediatric and adolescent gynaecology, reproductive endocrinologists, paediatric and plastic surgeons, and clinical geneticists.

‘An important book for all health care professionals with a specific interest in the gynaecology of the first two decades of life, and those who work in assisted reproduction.’


2004 572pp 198 illustrations
978 0 521 80961 0 (0 521 80961 4) • HB • £150.00

Sexual Health across the Lifecycle
A Practical Guide for Clinicians
Margaret Nusbaum
University of North Carolina, Chapel Hill, USA
and Jo Ann Rosenfeld
The Johns Hopkins University, USA
Presenting a practical, positive approach to sexual health promotion for clinicians in primary care. It presents sexual concerns across the lifecycle, from childhood to old age. Illustrated throughout by scenarios based on real life, highlighting common sexual issues from different age groups and includes chapters on sexuality and disability, sexual minorities, HIV-positive individuals, and complementary medicine. It presents an invaluable resource for all health professionals that spans the needs of patients from all backgrounds and age groups.

Features
• Covers from childhood to adulthood to geriatrics, considering the health of men, women and couples
• Gives behavioral and medical suggestions for treatment
• Case-based on realistic clinical scenarios


2004 208pp 103 illustrations
978 0 521 53421 5 (0 521 53421 6) • PB • £29.00

The Fetal Matrix: Evolution, Development, and Disease
Peter Gluckman
University of Auckland, New Zealand
and Mark Hanson
University of Southampton, UK
New discoveries suggest that the most important interactions in determining our fate occur before birth. They are an evolutionary echo of mechanisms which allowed our ancestors to survive as hunter-gatherers. These exciting insights suggest new ways of protecting the health of the fetus, infant and adult. They are important triggers for many emerging diseases such as obesity, diabetes and heart disease. This is a ground-breaking and fascinating account written by two of the world’s leading experts and pioneers in this rapidly emerging field.

‘In an ideal world The Fetal Matrix would be taken more seriously than any other book on health and nutrition published in the past year.’

FT MAGAZINE
‘…The authors are persuasive, and their findings have relevance for health policy everywhere…’

NEW SCIENTIST


2004 268pp 18 illustrations
978 0 521 54235 7 (0 521 54235 9) • PB • £24.99
978 0 521 83457 5 (0 521 83457 0) • HB • £50.00
Handbook of Women’s Health
An Evidence-Based Approach
Edited by Jo Ann Rosenfeld
The Johns Hopkins University, USA

A clear and comprehensive evidence-based primary-care guide to the care of women in ambulatory practice, intended for general and family practitioners, nurses, physicians’ assistants and all those who practise primary care of women. It emphasizes preventive care and well-woman care throughout the lifecycle of a woman, including sexuality, contraception, medical care in pregnancy, psychological and important medical concerns. It stresses the strength of evidence underlying common practices of care of women.

‘… handsomely presented in a logical fashion, with recommendations easily identifiable and small summaries of important points highlighted throughout the text … excellent chapter on ‘woman battering’ which gives a full and detailed account of this difficult subject, including rigorous forensic examination techniques …’

THE BRITISH MEDICAL JOURNAL

Ethical Issues in Maternal-Fetal Medicine
Edited by Donna L. Dickenson, University of Birmingham, UK

A broad range of experts address the ethical problems in maternal-fetal medicine which impact directly on clinical practice. It is divided into parts by the stages of pregnancy and looks at issues of power, new technology, ‘designer babies’, and cultural, religious difference. It unites analytic philosophy and actual practice for clinicians.

‘This book would be a useful addition to your obstetric and gynaecology department’s library. Subspecialists in maternal-fetal medicine and reproductive medicine would find the content of particular interest and should steer their trainees in this book’s direction.’

THE OBSTETRICIAN AND GYNAECOLOGIST

Women’s Health in Mid-Life
A Primary Care Guide
Edited by Jo Ann Rosenfeld
The Johns Hopkins University, USA

Written by 20 primary care physicians, this book will help family practitioners provide the best possible healthcare for women.

‘The ages from 40 to 65 are a stage in women’s lives that medical literature does not often focus on. This book groups the perimenopausal years together in a way that makes clinical sense, and it covers a wide variety of the healthcare issues facing the carers these women will encounter … Keeping up to date on evidence based guidelines for cancer screening can be a daunting task. This book does a good job reviewing the current research and explaining the latest guidelines.’

THE BRITISH MEDICAL JOURNAL

Contents:
Part I. Health Promotion; Part II. Hormonal Changes; Part III. Disease Prevention; Part IV. Cancer Prevention.

2004 386pp 99 illustrations
978 0 521 82340 1 (0 521 82340 4) • PB • £35.00

Obstetrics, Gynaecology and Women’s Health
Edited by Vivienne O’Connor
University of Queensland, Australia

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.

‘Caring successfully for women often requires eliciting sensitive information and conducting intimate examinations. All of this must be taken on board by medical students in what is usually a very short and finite period of time. This book admirably succeeds in helping students along their path … There are excellent sections dealing with behavioural and mental health issues, and with sexual health. The book is well laid out and cross-referenced … the book does exactly what it sets out to do: assist medical students to become informed, thoughtful, competent, and sympathetic in their care of women.’

THE LANCET

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.

2004 702pp
978 0 521 81893 3 (0 521 81893 1) • HB • £35.00

Ethical Issues in Maternal-Fetal Medicine
Edited by Donna L. Dickenson
University of Birmingham, UK

2002 366pp
978 0 521 66474 5 (0 521 66474 8) • PB • £33.00
Cambridge Guide to Infertility Management and Assisted Reproduction
Godwin I. Meniru
Northeastern Ohio Universities College of Medicine, USA
Foreword by Alvin Langer
A well-illustrated publication providing 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.

‘Reading this book is akin to reading patient information leaflets … it can help in acquiring a quick and general view of the subject in a short period of time … it may enable the doctor to address many issues with patients in a language they would find easy to understand.’

THE OBSTETRICIAN AND GYNAECOLOGIST

WHO Laboratory Manual for the Examination of Human Semen and Sperm-Cervical Mucus Interaction
4th edition
World Health Organisation
An essential source of reference for all laboratories involved in the analysis of human semen, it sets out the fundamental laboratory techniques that should be employed in the diagnosis of male infertility.

‘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
Contents: 1. Introduction; 2. Collection and examination of human semen; 2A. Standard procedures; 2B. Optional tests; 2C. Research tests; 3. Sperm preparation techniques; 4. Quality control in the andrology laboratory; 5. Sperm-cervical mucus interactions; Appendices. IA. Reference values of semen variables; IB. Nomenclature for some semen variables; II. Safety guidelines for the andrology laboratory; III. Methods for detecting leukocytes; IV. Sperm vitality techniques; V. Papanicolaou staining procedures modified for spermatoszoa; VI. Slender staining procedure for sperm morphology; VII. Rapid staining procedure for sperm morphology; VIII. Immunobead test; IX. Mixed antiglobulin reaction test (MAR test); X. Measurement of zinc in seminal plasma; XI. Measurement of fructose in seminal plasma; XII. Measurement of neutral α-glucosidase in seminal plasma; XIII. Sample instructions and record form for semen analysis; XIV. Computer-aided sperm analysis (CASA); XV. Protocols for the zona-free hamster test; XVI. Measurement of reactive oxygen species generated by sperm suspensions; XVII. Induced acrosome reaction assay; XVIII. Sperm preparation techniques; XIX. Quality control (QC) procedures; XX. Sample record form for cervical mucus scoring and postcoital test; XXI. Sperm-cervical mucus interaction: the capillary tube test; XXII. Basic requirements for an andrology laboratory.

WHO Manual for the Standardized Investigation, Diagnosis and Management of the Infertile Male
Patrick J. Rowe
World Health Organization, Geneva, Switzerland
Frank H. Comhaire
Universiteit Gent, Belgium
Timothy B. Hargreave
University of Edinburgh, Scotland
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, prepared by an authoritative international panel of experts, provides a logical approach to the most-effective clinical management of all forms of male infertility.

‘The manual is a must for clinical andrologists of the future, be they a subspecialty trainee, a specialist registrar (in gynaecology, urology or endocrinology) or a specialist infertility nurse practitioner.’

HUMAN FERTILITY
Contents: 1. Introduction; 2. History taking; 2A. The definition of infertility; 2B. Previous investigations and/or treatment for infertility; 2C. History of diseases or a specialist infertility nurse practitioner.’

HUMAN FERTILITY
Contents: 1. Introduction; 2. History taking; 2A. The definition of infertility; 2B. Previous investigations and/or treatment for infertility; 2C. History of diseases with possible adverse effect on fertility; 2D. Pathology possibly causing testicular damage; 2E. Other factors with possible adverse effect on fertility; 3. Clinical assessment of male fertility; 3A. Physical examination; 3B. Laboratory investigations; 3C. Additional technical investigations; 4. Objective criteria for diagnostic categories in the standardized management of male infertility; 4A. Semen classification, 4B. Diagnostic categories and management; 4C. General comments.

WHO laboratory manual for the examination of human semen and sperm–cervical mucus interaction
FOURTH EDITION
World Health Organisation
 WHO manual for the standardized investigation and diagnosis of the infertile male
F. J. Bone, V. R. Comhaire, T. B. Hargreave, A. M. A. Mahmoud

WHO laboratory manual for the examination of human semen and sperm–cervical mucus interaction
FOURTH EDITION
World Health Organisation
Human Molecular Biology
An Introduction to the Molecular Basis of Health and Disease
Richard J. Epstein, University of Singapore

An introduction to the molecular basis of health and disease for the new generation of life scientists and medical students, which integrates molecular genetics and biochemistry with the latest clinical information, and weaves a pattern which unifies biology with syndromes, genetic pathways with developmental phenotypes, and protein function with drug action.

‘... the author achieves his goal of filling a niche for molecular biology textbooks that lucidly integrate the molecular basis of disease with clinical applications. This new text is clearly distinct from most molecular biology textbooks ....’

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.

2002 656pp 414 illustrations
978 0 521 64481 5 (0 521 64481 X) • PB • £35.00

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