

Contents

List of Contributors	<i>xi</i>
Preface to the Ninth Edition	<i>xviii</i>
Preface to the First Edition	<i>xix</i>

Section 1 Obstetrics 1

Part 1 Basic Science 3

- 1 **Maternal Physiology** 5
Fiona Broughton Pipkin
- 2 **The Placenta and Fetal Membranes** 18
Berthold Huppertz and John C.P. Kingdom

Part 2 Normal Pregnancy 29

- 3 **Healthy Fetal Growth** 31
Aris T. Papageorghiou
- 4 **Pre-conception Counselling** 38
Mandish K. Dhanjal
- 5 **Antenatal Care** 47
George Attilakos and Timothy G. Overton
- 6 **First Trimester Antenatal Screening** 58
T.K. Lau

Part 3 Maternal Medicine 71

- 7 **Hypertensive Disorders** 73
Jason J.S. Waugh and Marie C. Smith
- 8 **Heart Disease in Pregnancy** 85
Dawn L. Adamson and Catherine Nelson-Piercy
- 9 **Diabetes in Pregnancy** 97
Sarah N. Ali and Anne Dornhorst

- 10 Liver and Endocrine Diseases in Pregnancy 116**
Michael A. Heneghan and Catherine Williamson
- 11 Renal Disease 129**
Liz Lightstone
- 12 Haematological Problems in Pregnancy 147**
Sarah Davis and Sue Pavord
- 13 Maternal Infection During Pregnancy 161**
Maddalena Morlando and Baskaran Thilaganathan
- 14 Psychiatric Problems in Pregnancy and Post Partum 178**
Joanna V. MacLean and Teri B. Pearlstein
- 15 Autoimmune Rheumatic Diseases and Other Medical Disorders in Pregnancy 191**
Andrew McCarthy and May Ching Soh
- 16 Obesity and Pregnancy 207**
Mary Higgins and Fionnuala McAuliffe

Part 4 Fetal Medicine 219

- 17 Fetal Growth Restriction 221**
Thomas R. Everett and Christoph C. Lees
- 18 Third Trimester Fetal Assessment 231**
Jon Hyett
- 19 Fetal Medical Conditions 243**
Janet Brennand
- 20 Fetal Anomalies 254**
Sailesh Kumar
- 21 Multiple Pregnancy 268**
Mark D. Kilby and Dick Oepkes

Part 5 Birth 283

- 22 Normal Mechanisms in Labour 285**
Andrés López Bernal and Errol R. Norwitz
- 23 Post-term Pregnancy 307**
Aaron B. Caughey
- 24 Induction and Augmentation of Labour 326**
Jane E. Norman and Sarah J. Stock
- 25 Obstetric Emergencies 336**
Sara Paterson-Brown and Timothy J. Draycott

26 Malpresentation, Malposition, Cephalopelvic Disproportion and Obstetric Procedures 354

Kim Hinshaw and Sabaratnam Arulkumaran

27 Fetal Monitoring During Labour 372

Sara Paterson-Brown and Tracey A. Johnston

28 Preterm Labour 387

Phillip Bennett

29 Stillbirth 413

Bryony Jones

30 Analgesia, Anaesthesia and Resuscitation 423

Felicity Platt

Part 6 Postnatal Care 431

31 Puerperium and Lactation 433

D. Keith Edmonds

32 Neonatal Care for Obstetricians 445

Simon Hannam

33 Perinatal Epidemiology and Statistics 459

Dharmintra Pasupathy

Section 2 Gynaecology 473

Part 7 Basic Science 475

34 Clinical Anatomy of the Pelvis and Reproductive Tract 477

Alan Farthing

35 Normal and Abnormal Development of the Genital Tract 485

D. Keith Edmonds

36 Role of Imaging in Gynaecology 499

Wouter Froyman and Dirk Timmerman

37 Ambulatory Gynaecology, Hysteroscopy and Laparoscopy 519

T. Justin Clark and Lynne L.L. Robinson

Part 8 Childhood and Adolescence 541

38 Puberty and Its Disorders 543

D. Keith Edmonds

39 Gynaecological Disorders of Childhood and Adolescence 552

D. Keith Edmonds

Part 9 Early Pregnancy Problems 557**40 Spontaneous Miscarriage 559***Christine I. Ekechi and Catriona M. Stalder***41 Recurrent Miscarriage 568***D. Keith Edmonds***42 Gestational Trophoblast Neoplasia 575***Michael J. Seckl***43 Ectopic Pregnancy 589***George Condous***44 Induced Abortion 597***Patricia A. Lohr***45 Acute Pelvic Infection 611***Jonathan D.C. Ross***Part 10 Menstruation 621****46 The Menstrual Cycle 623***William L. Ledger***47 Polycystic Ovary Syndrome and Secondary Amenorrhoea 632***Adam Balen***48 Heavy Menstrual Bleeding 653***Andrew W. Horne and Hilary O.D. Critchley***49 Premenstrual Syndrome 663***Zeiad A. El-Gizawy and P.M. Shaughn O'Brien***50 Menopause and Postmenopausal Health 672***Nick Panay***Part 11 Reproductive Problems 689****51 Subfertility 691***Nick Raine-Fenning***52 Assisted Reproduction 704***Geoffrey H. Trew and Stuart A. Lavery***Part 12 Pelvic Pain 721****53 Endometriosis 723***Neil P. Johnson***54 Chronic Pelvic Pain 744***Janesh Gupta*

Part 13 Urogynaecology 753

- 55 Uterovaginal Prolapse 755**
Mark Slack

- 56 Urinary Incontinence 766**
Vik Khullar

Part 14 Benign Gynaecological Disease 793

- 57 Benign Diseases of the Vulva 795**
Fiona M. Lewis

- 58 Benign Diseases of the Vagina, Cervix and Ovary 811**
D. Keith Edmonds

- 59 Benign Disease of the Uterus 823**
Thierry Van den Bosch

Part 15 Gynaecological Cancer 835

- 60 Malignant Disease of the Vulva and the Vagina 837**
David M. Luesley

- 61 Premalignant and Malignant Disease of the Cervix 858**
Maria Kyrgiou

- 62 Endometrial Cancer 876**
Sean Kehoe

- 63 Surgical and Medical Management of Epithelial Ovarian Cancer 884**
Christina Fotopoulou, Hani Gabra and Sarah P. Blagden

Part 16 Sexual Health 905

- 64 Sexually Transmitted Infections 907**
Peter Greenhouse

- 65 Contraception and Sterilization 939**
Sharon T. Cameron

- 66 Sexual Dysfunction 954**
Kevan R. Wylie

- 67 Rape and Sexual Assault and Female Genital Mutilation 967**
Catherine White

Part 17 Miscellaneous Topics 985

- 68 Ethical Dilemmas in Obstetrics and Gynaecology 987**
Emily Jackson

69	The Law and the Obstetrician and Gynaecologist	999
	<i>Bertie Leigh</i>	
70	Evidence-based Medicine in Obstetrics and Gynaecology	1008
	<i>Siladitya Bhattacharya and Arri Coomarasamy</i>	
	Index	1015

Colour plate section can be found facing pages 524 and 525.