

# Contents

*Section Editors* v

*Contributing Authors* vi

*Preface* x

## Section 1 Overview of Women's Health

1. The Woman's Health Examination . . . . . 3
2. The Obstetrician/Gynecologist's Role in Screening and Preventive Care . . . . . 13
3. Ethics in Obstetrics and Gynecology . . . . . 22
4. Embryology and Anatomy . . . . . 24
5. Reproductive Physiology . . . . . 36

## Section 2 Obstetrics

6. Endocrinology of Pregnancy . . . . . 49
7. Maternal-Fetal Physiology . . . . . 55
8. Preconception and Antepartum Care . . . . . 63
9. Prenatal Diagnosis, Genetic Disorder Assessment, and Teratology . . . . . 68
10. Normal Labor and Delivery . . . . . 79
11. Intrapartum Fetal Surveillance . . . . . 85
12. Immediate Care of Newborn . . . . . 90
13. Abnormal Labor and Malpresentation . . . . . 96
14. Postpartum Care/Complications . . . . . 101
15. Ectopic Pregnancy . . . . . 112
16. Common Medical and Surgical Problems in Pregnancy . . . . . 117
17. Infectious Diseases in Pregnancy . . . . . 124
18. Hypertension in Pregnancy . . . . . 138
19. Multifetal Gestation . . . . . 145
20. Fetal Growth Abnormalities: Fetal Growth Restriction and Macrosomia . . . . . 150
21. Isoimmunization . . . . . 155
22. Preterm Labor . . . . . 160
23. Third-Trimester Bleeding . . . . . 163
24. Premature Rupture of Membranes . . . . . 167
25. Postterm Pregnancy and Intrauterine Fetal Demise . . . . . 171
26. Obstetric Procedures . . . . . 175

### Section 3 Gynecology

27. Contraception . . . . .	189
28. Sterilization . . . . .	204
29. Reproductive Tract Congenital Anomalies . . . . .	210
30. Reproductive Tract Benign Conditions . . . . .	218
31. Vulvovaginitis and Sexually Transmitted Diseases . . . . .	231
32. Pelvic Support Defects, Urinary Incontinence, and Urinary Tract Infection . . . . .	243
33. Endometriosis . . . . .	256
34. Dysmenorrhea and Chronic Pelvic Pain . . . . .	261
35. Breast Disorders . . . . .	266
36. Gynecologic Procedures . . . . .	274
37. Sexual Function and Dysfunction . . . . .	281
38. Sexual Assault and Domestic Violence . . . . .	289

### Section 4 Reproductive Endocrinology and Infertility

39. Puberty . . . . .	297
40. Amenorrhea and Abnormal Uterine Bleeding . . . . .	303
41. Hirsutism and Virilization . . . . .	312
42. Menopause . . . . .	319
43. Infertility . . . . .	323
44. Premenstrual Syndrome and Premenstrual Dysphoric Disorder . . . . .	326

### Section 5 Gynecologic Oncology

45. Cell Biology and Principles of Cancer Therapy . . . . .	333
46. Gestational Trophoblastic Neoplasia . . . . .	338
47. Benign Vulvar Disease . . . . .	342
48. Cervical Dysplasia and Carcinoma . . . . .	348
49. Cancer of the Uterine Corpus . . . . .	354
50. Ovarian and Adnexal Disease . . . . .	357