

24TH EDITION

Mc  
Gra  
Hill  
Educa

# *Williams* OBSTETRICS

CUNNINGHAM

WQ 100 C973W 2014



\* B 0 0 4 8 1 6 7 \*

Williams obstetrics

ห้องสมุดวิทย์พยาบาลบรมราชชนนี นครราชสีมา

HOFFMAN  
CASEY  
SHEFFIELD

# CONTENTS

Preface.....	xv
Acknowledgments.....	xvii

## SECTION 1

### OVERVIEW

1. Overview of Obstetrics .....	2
---------------------------------	---

## SECTION 2

### MATERNAL ANATOMY AND PHYSIOLOGY

2. Maternal Anatomy .....	16	4. Maternal Physiology .....	46
3. Congenital Genitourinary Abnormalities .....	36		

## SECTION 3

### PLACENTATION, EMBRYOGENESIS, AND FETAL DEVELOPMENT

5. Implantation and Placental Development .....	80	7. Embryogenesis and Fetal Morphological Development.....	127
6. Placental Abnormalities .....	116		

## SECTION 4

### PRECONCEPTIONAL AND PRENATAL CARE

8. Preconceptional Counseling ..... 156      9. Prenatal Care..... 167

## SECTION 5

### THE FETAL PATIENT

10. Fetal Imaging ..... 194      14. Prenatal Diagnosis ..... 283  
11. Amnionic Fluid ..... 231      15. Fetal Disorders ..... 306  
12. Teratology, Teratogens, and  
    Fetotoxic Agents ..... 240      16. Fetal Therapy ..... 321  
13. Genetics ..... 259      17. Fetal Assessment ..... 335

## SECTION 6

### EARLY PREGNANCY COMPLICATIONS

18. Abortion ..... 350      20. Gestational Trophoblastic Disease..... 396  
19. Ectopic Pregnancy..... 377

## SECTION 7

## LABOR

21. Physiology of Labor . . . . .	408	25. Obstetrical Analgesia and Anesthesia . . . . .	504
22. Normal Labor . . . . .	433	26. Induction and Augmentation of Labor . . . . .	523
23. Abnormal Labor . . . . .	455		
24. Intrapartum Assessment . . . . .	473		

## SECTION 8

## DELIVERY

27. Vaginal Delivery . . . . .	536	30. Cesarean Delivery and Peripartum Hysterectomy . . . . .	587
28. Breech Delivery . . . . .	558	31. Prior Cesarean Delivery . . . . .	609
29. Operative Vaginal Delivery . . . . .	574		

## SECTION 9

## THE NEWBORN

32. The Newborn . . . . .	624	34. The Preterm Newborn . . . . .	653
33. Diseases and Injuries of the Term Newborn . . . . .	637	35. Stillbirth . . . . .	661

## SECTION 10

### THE PUERPERIUM

36. The Puerperium . . . . .	668	38. Contraception . . . . .	695
37. Puerperal Complications . . . . .	682	39. Sterilization . . . . .	720

## SECTION 11

### OBSTETRICAL COMPLICATIONS

40. Hypertensive Disorders . . . . .	728	43. Postterm Pregnancy . . . . .	862
41. Obstetrical Hemorrhage . . . . .	780	44. Fetal-Growth Disorders . . . . .	872
42. Preterm Labor . . . . .	829	45. Multifetal Pregnancy . . . . .	891

## SECTION 12

### MEDICAL AND SURGICAL COMPLICATIONS

46. General Considerations and Maternal Evaluation . . . . .	926	56. Hematological Disorders . . . . .	1101
47. Critical Care and Trauma . . . . .	940	57. Diabetes Mellitus . . . . .	1125
48. Obesity . . . . .	961	58. Endocrine Disorders . . . . .	1147
49. Cardiovascular Disorders . . . . .	973	59. Connective-Tissue Disorders . . . . .	1168
50. Chronic Hypertension . . . . .	1000	60. Neurological Disorders . . . . .	1187
51. Pulmonary Disorders . . . . .	1011	61. Psychiatric Disorders . . . . .	1204
52. Thromboembolic Disorders . . . . .	1028	62. Dermatological Disorders . . . . .	1214
53. Renal and Urinary Tract Disorders . . . . .	1051	63. Neoplastic Disorders . . . . .	1219
54. Gastrointestinal Disorders . . . . .	1069	64. Infectious Diseases . . . . .	1239
55. Hepatic, Biliary, and Pancreatic Disorders . . . . .	1084	65. Sexually Transmitted Infections . . . . .	1265

**APPENDIX**

Serum and Blood Constituents . . . . .	1287	Fetal Sonographic Measurements . . . . .	1294
Maternal Echocardiographic Measurements . . . . .	1293	Index . . . . .	1305