



Contents

SECTION ONE

REPRODUCTION: FETAL AND PLACENTAL DEVELOPMENT

1 Reproductive Anatomy, Physiology, and the Menstrual Cycle, 1

DENISE G. LINK

2 Genetics, 19

LINDA CALLAHAN

3 Fetal and Placental Development and Functioning, 37

LINDA CALLAHAN

SECTION TWO

NORMAL PREGNANCY

4 Perinatal Cultural Diversity, 63

SUSAN MATTSO

5 Physiology of Pregnancy, 83

KATHRYN RECORDS AND LANETTE TANAKA

6 Psychology of Pregnancy, 108

DENISE G. LINK

SECTION THREE

MATERNAL-FETAL WELL-BEING

7 Age-Related Concerns, 123

CONNIE von KÖHLER

8 Antepartum Fetal Surveillance and Prenatal Diagnosis, 135

REBECCA L. CYPHER

9 Environmental Hazards, 159

BEVERLY BOWERS

SECTION FOUR

INTRAPARTUM PERIOD

10 Essential Forces and Factors in Labor, 192

MARCIA A. JASPER

11 Normal Childbirth, 230

SHERRY STOTT

12 Intrapartum Fetal Assessment, 255

REBECCA L. CYPHER

SECTION FIVE

POSTPARTUM PERIOD

13 Physical and Psychologic Changes after Childbirth, 297

TAMARA WHITMER

14 Breastfeeding, 314

SUSAN SAFFER ORR

15 Contraception, 336

PAMELA E. XANDRE

SECTION SIX

THE NEWBORN

16 Transitional Care of the Newborn, 345

NATALIE D. CHEFFER AND DEBRA ANN RANNALLI

17 The Infant at Risk, 363

WHITNEY HARDY, AMY D'AGATA, AND JACQUELINE M. McGRATH

SECTION SEVEN

COMPLICATIONS OF CHILDBEARING

18 Intimate Partner Violence, 417

KATHRYN RECORDS

19 Hypertensive Disorders in Pregnancy, 435

DUSTINE DIX

20 Maternal Infections, 452

MEGAN E. MOONEY

21 Hemorrhagic Disorders, 480

S. KIM GENOVESE

22 Endocrine and Metabolic Disorders, 501

LUCY R. VAN OTTERLOO

23 Management of Non-Obstetrical Surgery and Trauma in Pregnancy, 533

LINDA CALLAHAN

24 Substance Abuse in Pregnancy, 564

CANDICE J. SULLIVAN

25 Other Medical Complications, 580

MARGARET YANCY

26 Labor and Delivery at Risk, 617

SHERYL PARFITT

27 Postpartum Complications, 645

MARY ANN RHODE

SECTION EIGHT

ETHICS AND ISSUES**28 Ethics, 662**

CHARLOTTE STEPHENSON