

Introduction to Maternity & Pediatric Nursing

Leifer



6th Edition

UNIT I An Overview of Maternity and Pediatric Nursing, 1

1 The Past, Present, and Future, 1

The Past, 2

Obstetrics, 2

Pediatrics, 2

Obstetric and Pediatric Care in the United States, 3

The Present, 6

Family-Centered Care, 6

Financial Considerations, 6

Changing Perceptions of Childbearing, 6

Midwives, 6

Role of the Consumer, 6

Cultural Considerations, 7

Technology and Specialty Expertise, 7

Genomics, 7

Health Care Delivery Systems, 9

Nursing Care, 10

The Future, 17

Health Care Reform, 17

Future Roles for Nurses, 17

Healthy People 2020, 17

UNIT II Maternal-Newborn Nursing and Women's Health, 20

2 Human Reproductive Anatomy and Physiology, 20

Puberty, 20

Male, 20

Female, 21

Reproductive Systems, 21

Male, 21

Female, 22

The Human Sexual Response, 29

Physiology of the Male Sex Act, 29

Physiology of the Female Sex Act, 29

3 Fetal Development, 31

Cell Division and Gametogenesis, 31

Fertilization, 32

Sex Determination, 33

Inheritance, 33

Tubal Transport of the Zygote, 33

Implantation of the Zygote, 34

Development, 34

Cell Differentiation, 34

Prenatal Developmental Milestones, 36

Accessory Structures of Pregnancy, 38

Placenta, 38

Umbilical Cord, 39

Fetal Circulation, 39

Circulation Before Birth, 39

Circulation After Birth, 39

Impaired Prenatal Development and Subsequent Illness, 40

Multifetal Pregnancy, 41

4 Prenatal Care and Adaptations to Pregnancy, 44

Goals of Prenatal Care, 44

Prenatal Visits, 45

Definition of Terms, 47

Determining the Estimated Date of Delivery, 48

Diagnosis of Pregnancy, 48

Presumptive Signs of Pregnancy, 48

Probable Signs of Pregnancy, 49

Positive Signs of Pregnancy, 50

Physiological Changes in Pregnancy, 51

Endocrine System, 51

Reproductive System, 51

Respiratory System, 52

Cardiovascular System, 53

Gastrointestinal System, 54

Urinary System, 54

Integumentary and Skeletal Systems, 55

Nutrition for Pregnancy and Lactation, 55

Recommended Dietary Allowances and

Recommended Dietary Intakes, 57

Weight Gain, 57

Nutritional Requirements During Pregnancy, 59

Nutritional Requirements During Lactation, 62

Exercise During Pregnancy, 62

Elevated Temperature, 62

Hypotension, 64

Cardiac Output, 64

Hormones, 64

Other Factors, 64

Travel During Pregnancy, 64

Common Discomforts in Pregnancy, 65

Psychosocial Adaptation to Pregnancy, 66

Impact on the Mother, 67

Impact on the Father, 68

Impact on the Pregnant Adolescent, 69

Impact on the Older Couple, 69

Impact on the Single Mother, 69

Impact on the Single Father, 70

- Impact on Grandparents, 70
- Impact on Siblings, 70
- Prenatal Education, 70
- The Effect of Pregnancy and Lactation on Medication Metabolism, 70
- Immunizations During Pregnancy, 72
- Nursing Care During Pregnancy, 72
- 5 Nursing Care of Women with Complications During Pregnancy, 78**
 - Assessment of Fetal Health, 79
 - Pregnancy-Related Complications, 79
 - Hyperemesis Gravidarum, 79
 - Bleeding Disorders of Early Pregnancy, 82
 - Bleeding Disorders of Late Pregnancy, 88
 - Hypertension During Pregnancy, 90
 - Blood Incompatibility Between the Pregnant Woman and the Fetus, 94
 - Pregnancy Complicated by Medical Conditions, 97
 - Diabetes Mellitus, 97
 - Heart Disease, 101
 - Anemia, 102
 - Infections, 104
 - Environmental Hazards During Pregnancy, 107
 - Bioterrorism and the Pregnant Patient, 108
 - Substance Abuse, 108
 - Trauma During Pregnancy, 109
 - Effects of a High-Risk Pregnancy on the Family, 112
 - Disruption of Usual Roles, 112
 - Financial Difficulties, 112
 - Delayed Attachment to the Infant, 112
 - Loss of Expected Birth Experience, 112
- 6 Nursing Care of Mother and Infant During Labor and Birth, 115**
 - Cultural Influence on Birth Practices, 116
 - Settings for Childbirth, 116
 - Hospitals, 116
 - Freestanding Birth Centers, 116
 - Home, 116
 - Components of the Birth Process, 119
 - The Powers, 120
 - The Passage, 122
 - The Passengers, 123
 - The Psyche, 125
 - Normal Childbirth, 125
 - Signs of Impending Labor, 126
 - Mechanisms of Labor, 127
 - Admission to the Hospital or Birth Center, 127
 - When to Go to the Hospital or Birth Center, 127
 - Admission Data Collection, 129
 - Admission Procedures, 130
 - Nursing Care of the Woman in False Labor, 131
 - Nursing Care Before Birth, 132
 - Monitoring the Fetus, 132
 - Monitoring the Woman, 138
 - Helping the Woman Cope with Labor, 140
 - Stages and Phases of Labor, 144
 - Vaginal Birth After Cesarean, 144
 - Nursing Care During Birth, 144
 - Nursing Responsibilities, 144
 - Immediate Postpartum Period: The Third and Fourth Stages of Labor, 147
 - Nursing Care Immediately After Birth, 147
 - Care of the Mother, 147
 - Care of the Newborn Immediately After Delivery, 150
 - Cord Blood Banking, 153
- 7 Nursing Management of Pain During Labor and Birth, 157**
 - Education for Childbearing, 157
 - Types of Classes Available, 157
 - Variations of Basic Childbirth Preparation Classes, 158
 - Basic Content of All Childbirth Preparation Classes, 158
 - Childbirth and Pain, 158
 - How Childbirth Pain Differs from Other Pain, 159
 - Factors That Influence Labor Pain, 159
 - Nonpharmacological Childbirth Preparation and Pain Management, 160
 - Pharmacological Pain Management, 164
- 8 Nursing Care of Women with Complications During Labor and Birth, 174**
 - Obstetric Procedures, 174
 - Amnioinfusion, 174
 - Amniotomy, 175
 - Induction or Augmentation of Labor, 175
 - Version, 178
 - Episiotomy and Lacerations, 178
 - Forceps and Vacuum Extraction Births, 179
 - Cesarean Birth, 181
 - Abnormal Labor, 183
 - Problems with the Powers of Labor, 185
 - Problems with the Fetus, 186
 - Problems with the Pelvis and Soft Tissues, 190
 - Problems with the Psyche, 191
 - Abnormal Duration of Labor, 191
 - Premature Rupture of Membranes, 192
 - Preterm Labor, 192
 - Signs of Impending Preterm Labor, 193
 - Tocolytic Therapy, 193
 - Prolonged Pregnancy, 194
 - Risks, 194
 - Emergencies During Childbirth, 194
 - Prolapsed Umbilical Cord, 194
 - Uterine Rupture, 195
 - Uterine Inversion, 196
 - Amniotic Fluid Embolism, 197
- 9 The Family After Birth, 199**
 - Adapting Nursing Care for Specific Groups and Cultures, 199

- Cultural Influences on Postpartum Care, 200
 - Using Translators, 200
 - Dietary Practices, 200
- Postpartum Changes in the Mother, 200
 - Reproductive System, 200
 - Cardiovascular System, 206
 - Urinary System, 207
 - Gastrointestinal System, 207
 - Integumentary System, 208
 - Musculoskeletal System, 208
 - Immune System, 208
 - Adaptation of Nursing Care Following Cesarean Birth, 209
- Emotional Care, 211
 - Mothers, 211
 - Fathers, 211
 - Siblings, 212
 - Grandparents, 212
 - Grieving Parents, 212
- Parenthood, 213
- The Family Care Plan, 213
- Phase 2: Care of the Newborn, 214
 - Admission to the Postpartum or Nursery Unit, 214
- Breastfeeding, 221
 - Advantages and Disadvantages, 221
 - Physiology of Lactation, 222
 - Assisting the Mother to Breastfeed, 223
 - Special Breastfeeding Situations, 228
 - Storing and Freezing Breast Milk, 228
 - Maternal Nutrition, 229
 - Weaning, 229
- Formula Feeding, 229
 - Types of Infant Formulas, 229
 - Preparation, 230
 - Feeding the Infant, 230
- Discharge Planning, 230
 - Postpartum Self-Care, 230
 - Newborn Discharge Care, 232
- 10 Nursing Care of Women with Complications After Birth, 235**
 - Shock, 235
 - Hemorrhage, 235
 - Hypovolemic Shock, 236
 - Anemia, 236
 - Early Postpartum Hemorrhage, 236
 - Late Postpartum Hemorrhage, 240
 - Thromboembolic Disorders, 240
 - Infection, 241
 - Puerperal Sepsis, 241
 - Mastitis and Breastfeeding, 243
 - Subinvolution of the Uterus, 244
 - Mood Disorders, 245
 - Postpartum Depression, 245
 - Postpartum Psychosis, 246
 - The Homeless Mother and Newborn, 246
- 11 The Nurse's Role in Women's Health Care, 248**
 - Goals of *Healthy People 2020*, 248
 - Preventive Health Care for Women, 248
 - Breast Care, 249
 - Vulvar Self-Examination, 249
 - Pelvic Examination, 249
 - Menstrual Disorders, 251
 - Amenorrhea, 251
 - Abnormal Uterine Bleeding, 251
 - Menstrual Cycle Pain, 251
 - Endometriosis, 252
 - Premenstrual Dysphoric Disorder, 252
 - The Normal Vagina, 252
 - Gynecological Infections, 253
 - Toxic Shock Syndrome, 253
 - Sexually Transmitted Infections, 253
 - Pelvic Inflammatory Disease, 254
 - Family Planning, 258
 - Contraception, 258
 - Natural Family Planning, 258
 - Temporary Contraception, 259
 - Emergency Contraception, 266
 - Unreliable Contraceptive Methods, 266
 - Permanent Contraception, 266
 - Infertility, 267
 - Social and Psychological Implications, 267
 - Factors Affecting Infertility, 268
 - Evaluation of Infertility, 269
 - Therapy for Infertility, 270
 - Menopause, 272
 - Physical Changes, 272
 - Psychological and Cultural Variations, 272
 - Treatment Options, 273
 - Nursing Care of the Menopausal Woman, 273
 - Pelvic Floor Dysfunction, 275
 - Vaginal Wall Prolapse, 275
 - Uterine Prolapse, 275
 - Management of Pelvic Floor Dysfunction, 275
 - Nursing Care of the Woman with Pelvic Floor Dysfunction, 275
 - Urinary Incontinence, 276
 - Treatment and Nursing Care, 276
 - Other Female Reproductive Tract Disorders, 276
 - Uterine Fibroids, 276
 - Ovarian Cysts, 276
 - Cultural Aspects of Pain Control, 277
- 12 The Term Newborn, 279**
 - Adjustment to Extrauterine Life, 280
 - Phase 3: Care of the Newborn, 280
 - Nervous System: Reflexes, 280
 - Respiratory System, 286
 - Circulatory System, 287
 - Musculoskeletal System, 289
 - Genitourinary System, 290
 - Integumentary System, 292
 - Gastrointestinal System, 297

- Preventing Infection, 299
 - Discharge Planning and Parent Teaching, 299
 - 13 Preterm and Postterm Newborns, 305**
 - The Preterm Newborn, 305
 - Causes, 306
 - Physical Characteristics, 306
 - Related Problems, 306
 - Special Needs, 313
 - Prognosis, 317
 - Family Reaction, 317
 - The Postterm Newborn, 318
 - Physical Characteristics, 318
 - Transporting the High-Risk Newborn, 318
 - Discharge of the High-Risk (Preterm Birth) Newborn, 318
 - 14 The Newborn with a Perinatal Injury or Congenital Malformation, 321**
 - Malformations Present at Birth, 322
 - Nervous System, 322
 - Gastrointestinal System, 327
 - Musculoskeletal System, 329
 - Metabolic Defects, 332
 - Phenylketonuria, 332
 - Maple Syrup Urine Disease, 335
 - Galactosemia, 335
 - Chromosomal Abnormalities, 335
 - Down Syndrome, 335
 - Perinatal Injuries, 337
 - Hemolytic Disease of the Newborn:
 - Erythroblastosis Fetalis, 337
 - Intracranial Hemorrhage, 340
 - Transient Tachypnea of the Newborn, 343
 - Meconium Aspiration Syndrome, 344
 - Neonatal Abstinence Syndrome, 344
 - Infant of a Diabetic Mother, 344
- UNIT III The Growing Child and Family, 347**
- 15 An Overview of Growth, Development, and Nutrition, 347**
 - Growth and Development, 347
 - The Impact of Growth and Development on Nursing Care, 348
 - Terminology, 349
 - Directional Patterns, 350
 - Some Developmental Differences Between Children and Adults, 350
 - Critical Periods, 353
 - Integration of Skills, 353
 - Growth Standards, 353
 - Developmental Screening, 353
 - Influencing Factors, 354
 - Personality Development, 357
 - The Growth and Development of a Parent, 366
 - Nutrition, 367**
 - Nutritional Heritage, 367
 - Family Nutrition, 368
 - Nutritional Care Plan, 372
 - Nutrition and Health, 372
 - Nutrition and Health Promotion, 372
 - Feeding the Healthy Child, 373
 - Feeding the Ill Child, 378
 - The Teeth, 380
 - Play, 383
 - Ongoing Health Supervision, 384
 - 16 The Infant, 386**
 - General Characteristics, 387
 - Oral Stage, 387
 - Motor Development, 387
 - Emotional Development, 387
 - Need for Constant Care and Guidance, 388
 - Development and Care, 389
 - Community-Based Care: A Multidisciplinary Team, 389
 - Health Promotion, 394
 - Illness Prevention, 396
 - Infant Safety, 403
 - Car Safety, 403
 - Fall Prevention, 403
 - Toy Safety, 403
 - Summary of Major Developmental Changes in the First Year, 404
 - 17 The Toddler, 406**
 - General Characteristics, 406
 - Physical Development, 406
 - Sensorimotor and Cognitive Development, 408
 - Speech Development, 408
 - Guidance and Discipline, 408
 - Daily Care, 410
 - Toilet Independence, 412
 - Nutrition Counseling, 413
 - Day Care, 413
 - Injury Prevention, 414
 - Consumer Education, 414
 - Toys and Play, 417
 - 18 The Preschool Child, 420**
 - General Characteristics, 420
 - Physical Development, 420
 - Cognitive Development, 421
 - Effects of Cultural Practices, 421
 - Language Development, 421
 - Development of Play, 421
 - Spiritual Development, 421
 - Sexual Curiosity, 424
 - Bedtime Habits, 424
 - Physical, Mental, Emotional, and Social Development, 424
 - The Three-Year-Old, 424
 - The Four-Year-Old, 425
 - The Five-Year-Old, 426

- Guidance, 426
 - Discipline and Limit Setting, 426
 - Jealousy, 427
 - Thumb Sucking, 428
 - Enuresis, 428
- Preschool, 429
- Daily Care, 429
 - Clothing, 429
 - Accident Prevention, 430
- Play in Health and Illness, 430
 - Value of Play, 430
 - The Nurse's Role, 431
 - Types of Play, 431
- Nursing Implications of Preschool Growth and Development, 432
- 19 The School-Age Child, 435**
 - General Characteristics, 435
 - Physical Growth, 436
 - Sexual Development, 437
 - Influences from the Wider World, 438
 - School-Related Tasks, 438
 - Play, 439
 - Latchkey Children, 440
 - Physical, Mental, Emotional, and Social Development, 441
 - The Six-Year-Old, 441
 - The Seven-Year-Old, 441
 - The Eight-Year-Old, 442
 - The Nine-Year-Old, 442
 - Preadolescence, 443
 - Guidance and Health Supervision, 444
 - Health Examinations, 444
 - Pet Ownership, 447
- 20 The Adolescent, 451**
 - General Characteristics, 451
 - Growth and Development, 452
 - Physical Development, 452
 - Psychosocial Development, 456
 - Cognitive Development, 460
 - Sexual Development, 460
 - Parenting the Adolescent, 462
 - Health Promotion and Guidance, 464
 - Nutrition, 464
 - Personal Care, 465
 - Safety, 465
 - Common Problems of Adolescence, 466
 - Substance Abuse, 466
 - Depression, 466
 - Adolescent Pregnancy, 467
 - The Nursing Approach to Adolescents, 468
- UNIT IV Adapting Care to the Pediatric Patient, 470**
- 21 The Child's Experience of Hospitalization, 470**
 - Health Care Delivery Settings, 470
 - Outpatient Clinic, 470
 - Home, 471
 - Children's Hospital Unit, 472
 - The Child's Reaction to Hospitalization, 472
 - Separation Anxiety, 472
 - Pain, 473
 - Response to Drugs, 474
 - Fear, 475
 - Regression, 475
 - Cultural Response, 475
 - Intercultural Communication: Responses to Hospitalization, 477
 - The Parents' Reactions to the Child's Hospitalization, 477
 - The Nurse's Role in the Child's Hospitalization, 478
 - Admission, 478
 - Developing a Pediatric Nursing Care Plan, 479
 - Clinical Pathways, 480
 - Meeting the Needs of the Hospitalized Child, 480
 - Confidentiality and Legality, 484
 - Discharge Planning, 484
 - Home Care, 485
- 22 Health Care Adaptations for the Child and Family, 487**
 - Admission to the Pediatric Unit, 487
 - Informed Consent, 487
 - Identification, 487
 - Essential Safety Measures in the Hospital Setting, 488
 - Preparation Steps for Performing Procedures, 489
 - Transporting, Positioning, and Restraining, 489
 - Assessment and Basic Data Collection, 491
 - Organizing the Infant Assessment, 491
 - Basic Data Collection, 491
 - The History Survey, 491
 - The Physical Survey, 491
 - Specimen Collection, 498
 - Physiological Responses to Medications in Infants and Children, 501
 - Absorption of Medications in Infants and Children, 501
 - Metabolism of Medications in Infants and Children, 501
 - Excretion of Medications in Infants and Children, 501
 - Nursing Responsibilities in Administering Medications to Infants and Children, 501
 - Parent Teaching, 502
 - Administering Oral Medications, 502
 - Administering Parenteral Medications, 503
 - Preventing Medication Errors, 509
 - Adaptation of Selected Procedures to Children, 519
 - Nutrition, Digestion, and Elimination, 519
 - Respiration, 519
 - Preoperative and Postoperative Care, 525

UNIT V The Child Needing Nursing Care, 529**23 The Child with a Sensory or Neurological Condition, 529**

The Ears, 529

Disorders and Dysfunction of the Ear, 531

The Eyes, 534

Visual Acuity Tests, 535

Disorders and Dysfunction of the Eye, 535

The Nervous System, 537

Disorders and Dysfunctions of the Nervous System, 539

24 The Child with a Musculoskeletal Condition, 561

Musculoskeletal System: Differences Between the Child and the Adult, 562

Observation and Assessment of the

Musculoskeletal System in the Growing Child, 562

Observation of Gait, 562

Observation of Muscle Tone, 563

Neurological Examination, 563

Diagnostic Tests and Treatments, 563

Laboratory Tests and Treatments, 563

Pediatric Trauma, 563

Soft Tissue Injuries, 563

Prevention of Pediatric Trauma, 564

Traumatic Fractures, 564

Disorders and Dysfunction of the

Musculoskeletal System, 571

Osteomyelitis, 571

Duchenne's or Becker's (Pseudohypertrophic)

Muscular Dystrophy, 572

Slipped Femoral Capital Epiphysis, 572

Legg-Calvé-Perthes Disease (Coxa Plana), 573

Osteosarcoma, 573

Ewing's Sarcoma, 573

Juvenile Idiopathic Arthritis (Juvenile

Rheumatoid Arthritis), 574

Torticollis (Wry Neck), 574

Scoliosis, 575

Sports Injuries, 576

Family Violence, 578

Child Abuse, 578

Federal Laws and Agencies, 578

Nursing Care and Interventions, 579

Cultural and Medical Issues, 580

25 The Child with a Respiratory Disorder, 583

The Respiratory System, 583

Development of the Respiratory Tract, 583

Normal Respiration, 584

Disorders and Dysfunction of the Respiratory System, 585

26 The Child with a Cardiovascular Disorder, 611

The Cardiovascular System, 611

Signs Related to Suspected Cardiac

Pathology, 611

Congenital Heart Defects, 611

Acquired Heart Diseases, 617

27 The Child with a Condition of the Blood, Blood-Forming Organs, or Lymphatic System, 625

Anemias, 627

Iron-Deficiency Anemia, 627

Sickle Cell Disease, 628

Thalassemia, 631

Bleeding Disorders, 632

Hemophilia, 632

Platelet Disorders, 634

Disorders of White Blood Cells, 634

Leukemia, 634

Hodgkin's Disease, 638

Nursing Care of the Chronically Ill Child, 641

Chronic Illness, 641

Developmental Disabilities, 641

Home Care, 641

Nursing Care of the Dying Child, 642

Facing Death, 642

Self-Exploration, 642

The Child's Reaction to Death, 642

The Child's Awareness of His or Her

Condition, 643

Physical Changes of Impending Death, 643

Stages of Dying, 643

28 The Child with a Gastrointestinal Condition, 647

The Gastrointestinal Tract, 647

Disorders and Dysfunction of the

Gastrointestinal Tract, 648

Congenital Disorders, 648

Disorders of Motility, 655

Fluid and Electrolyte Imbalance, 659

Nutritional Deficiencies, 664

Infections, 665

Poisoning, 667

Foreign Body Ingestion, 672

29 The Child with a Genitourinary Condition, 674

Development of the Urinary Tract, 674

Development of the Reproductive

Systems, 675

Assessment of Urinary Function, 676

Anomalies of the Urinary Tract, 677

Phimosis, 677

Hypospadias and Epispadias, 677

Exstrophy of the Bladder, 678

Obstructive Uropathy, 678

Acute Urinary Tract Infection, 679

Nephrotic Syndrome (Nephrosis), 680

Acute Glomerulonephritis, 683

Wilms' Tumor, 684

Hydrocele, 684

Cryptorchidism, 684

Impact of Urinary or Genital Surgery on Growth and Development, 687

- 30 The Child with a Skin Condition, 689**
 Skin Development and Functions, 689
 Skin Disorders and Variations, 690
 Congenital Lesions, 691
 Skin Manifestations of Illness, 692
 Infections, 692
 Injuries, 701
- 31 The Child with a Metabolic Condition, 709**
 Integration of the Nervous and Endocrine Systems, 709
 Disorders and Dysfunction of the Endocrine System, 710
 Inborn Errors of Metabolism, 710
 Endocrine Disorders, 711
 Common Metabolic Dysfunctions, 711
- 32 The Child with a Communicable Disease, 727**
 Common Childhood Communicable Diseases, 727
 Review of Terms, 731
 Host Resistance, 732
 Types of Immunity, 732
 Transmission of Infection, 732
 Medical Asepsis, Standard Precautions, and Transmission-Based Precautions, 733
 Protective Environment Isolation, 733
 Hand Hygiene, 733
 Family Education, 734
 Rashes, 734
 Worldwide Immunization Programs, 734
 Healthy People 2020, 734
 The Nurse's Role, 735
 Vaccines, 735
 The Future of Immunotherapy, 737
 Bioterrorism and the Pediatric Patient, 740
 A New Type of Childhood Trauma, 740
 Sexually Transmitted Infections, 741
 Overview, 741
 Nursing Care and Responsibilities, 741
 HIV/AIDS in Children, 743
- 33 The Child with an Emotional or Behavioral Condition, 747**
 The Nurse's Role, 747
 Types and Settings of Treatment, 748
 Origins of Emotional and Behavioral Conditions, 748
 Organic Behavioral Disorders, 749
 Childhood Autism, 749
 Obsessive-Compulsive Disorders in Children, 749
 Environmental or Biochemical Behavioral Disorders, 750
 Depression, 750
 Suicide, 750
 Substance Abuse, 750
 Attention Deficit Hyperactivity Disorder, 755
 Anorexia Nervosa, 756
 Bulimia, 757
 Minimizing the Impact of Behavioral Disorders in Children, 758
 Effect of the Illness on Growth and Development, 758
 Effect of the Illness on Siblings, 758
- UNIT VI The Changing Health Care Environment, 760**
- 34 Complementary and Alternative Therapies in Maternity and Pediatric Nursing, 760**
 Complementary and Alternative Therapies, 760
 Pediatric Use, 760
 The Nurse's Role, 761
 Federal Regulations, 762
 Common Alternative Health Care Practices, 763
- APPENDIXES**
- A Standard Precautions and Transmission-Based Isolation Precautions, 771**
- B Sequence for Donning and Removing Personal Protective Equipment (PPE), 772**
- C The Joint Commission's Lists of Dangerous Abbreviations, Acronyms, and Symbols, 773**
- D Commonly Used Abbreviations in Maternity and Pediatric Nursing, 774**
- E Common Spanish Phrases for Maternity and Pediatric Nursing, 776**
- F Multilingual Glossary of Symptoms, 780**
- G Conversion of Pounds and Ounces to Grams for Newborn Weights, 783**
- H Normal Vital Signs and Temperature Equivalents of Infants and Children, 784**
- I Normal Blood Values During Infancy and Childhood, 785**
- J Blood Pressure Classifications in Children, 786**
- K Answers to Review Questions for the NCLEX® Examination, 787**
- Complete Bibliography and Reader References, 788
 Glossary, 802
 Illustration Credits, 813
 Index, 817
 NANDA-I-Approved Nursing Diagnoses, 2009-2011, Inside back cover