

CONTENTS

UNIT ONE

EVIDENCE-BASED PRACTICE

1 EVIDENCE-BASED CLINICAL PRACTICE DECISIONS, 1

ANITA GLICKEN, ELLEN TAPPERO, GERALD B. MERENSTEIN

UNIT TWO

SUPPORT OF THE NEONATE

2 PRENATAL ENVIRONMENT: EFFECT ON NEONATAL OUTCOME, 11

MARY LEPLEY, RADHIKA GHATGE GOGOI

3 PERINATAL TRANSPORT, 39

GARY PETTETT, EUGENIA K. PALLOTTO, GERALD B. MERENSTEIN

4 DELIVERY ROOM CARE, 54

SUSAN NIERMEYER, SUSAN B. CLARKE

5 INITIAL NURSERY CARE, 79

SANDRA L. GARDNER, JANIS L. JOHNSON

6 HEAT BALANCE, 122

W. WOODS BLAKE, JUDITH A. MURRAY

7 PHYSIOLOGIC MONITORING, 139

WANDA TODD BRADSHAW, BARBARA S. TURNER, JOHN R. PIERCE

8 DIAGNOSTIC IMAGING IN THE NEONATE, 157

JOHN D. STRAIN, JULEY C. JENKINS

9 PHARMACOLOGY IN NEONATAL CARE, 175

C. MICHAEL COTTEN, BARBARA S. TURNER, MARY MILLER-BELL

10 DRUG WITHDRAWAL IN THE NEONATE, 192

SUSAN M. WEINER, LORETTA P. FINNEGAN

11 ACID-BASE HOMEOSTASIS AND OXYGENATION, 210

WILLIAM H. PARRY, JAN ZIMMER

12 PAIN AND PAIN RELIEF, 223

SANDRA L. GARDNER, MARY I. ENZMAN HAGEDORN, LORRAINE A. DICKEY

13 THE NEONATE AND THE ENVIRONMENT: IMPACT ON DEVELOPMENT, 273

SANDRA L. GARDNER, EDWARD GOLDSON

UNIT THREE

METABOLIC AND NUTRITIONAL CARE OF THE NEONATAL

14 FLUID AND ELECTROLYTE MANAGEMENT, 351

BRADY A. KERR, ALISA L. STARBUCK, STEVEN M. BLOCK

15 GLUCOSE HOMEOSTASIS, 368

JANE E. MCGOWAN, WEBRA PRICE-DOUGLAS, WILLIAM W. HAY, JR.

16 ENTERAL NUTRITION, 391

MARIANNE S. ANDERSON, LINDA LEE WOOD, JACKIE KELLER, WILLIAM W. HAY JR.

17 TOTAL PARENTERAL NUTRITION, 429

HOWARD W. KILBRIDE, MARY KAY LEICK-RUDE, NANCY H. ALLEN

18 SKIN AND SKIN CARE, 447

CAROLYN HOUSKA-LUND, DAVID J. DURAND

19 BREAST FEEDING THE NEONATE WITH SPECIAL NEEDS, 467

SANDRA L. GARDNER, B.J. SNELL, RUTH A. LAWRENCE

UNIT FOUR**INFECTION AND HEMATOLOGIC DISEASES OF THE NEONATE**

- 20** NEWBORN HEMATOLOGY, 521
MARILYN MANCO-JOHNSON, DONNA J. RODDEN, SHANNON M. COLLINS

- 21** JAUNDICE, 548
C. GILBERT FRANK, PATRICIA HINIKER FRANK

- 22** INFECTION IN THE NEONATE, 569
MOHAN VENKATESH, GERALD B. MERENSTEIN, KAREN ADAMS,
LEONARD E. WEISMAN

UNIT FIVE
COMMON SYSTEMIC DISEASES OF THE NEONATE

- 23** RESPIRATORY DISEASES, 595
MARY I. ENZMAN HAGEDORN, SANDRA L. GARDNER, LORRAINE A. DICKEY,
STEVEN H. ABMAN
- 24** CARDIOVASCULAR DISEASES AND SURGICAL INTERVENTIONS, 699
STEFANIE E. KNIGHT, REGINALD L. WASHINGTON
- 25** NEONATE NEPHROLOGY, 736
RITA D. SWINFORD, MELVIN BONILLA-FELIX, RUBY D. CERDA,
RONALD J. PORTMAN
- 26** NEUROLOGIC DISORDERS, 773
PATTI L. PAIGE, PAUL C. MOE
- 27** GENETIC DISORDERS, MALFORMATIONS, AND INBORN ERRORS OF METABOLISM, 812
ANNE L. MATTHEWS, NATHANIEL H. ROBIN
- 28** NEONATAL SURGERY, 838
J. BRENT ROATEN, DENIS D. BENSDARD, FRANCES N. PRICE

UNIT SIX**PSYCHOSOCIAL ASPECTS OF NEONATAL CARE**

- 29** FAMILIES IN CRISIS:
THEORETICAL AND PRACTICAL CONSIDERATIONS, 863
ROBERTA SIEGEL, SANDRA L. GARDNER, GERALD B. MERENSTEIN

- 30** GRIEF AND PERINATAL LOSS, 914
SANDRA L. GARDNER, PEGGY HAUSER, GERALD B. MERENSTEIN

- 31** FOLLOW-UP OF THE NEONATAL INTENSIVE CARE UNIT INFANT, 953
MARILEE C. ALLEN, PAMELA A. DONOHUE, MARGARET J. PORTER

- 32** ETHICS, VALUES, AND PALLIATIVE CARE IN NEONATAL INTENSIVE CARE, 970
JULIE SWANEY, NANCY ENGLISH, BRIAN S. CARTER

DRUG INDEX, 993