

Study Guide for

Medical-Surgical Nursing: Assessment and Management of Clinical Problems

Ninth Edition

Prepared by:

Susan A. Sandstrom, RN, MSN, BC, CNE

Associate Professor in Nursing, Retired
College of Saint Mary
Omaha, Nebraska

Sharon L. Lewis, RN, PhD, FAAN

Shannon Ruff Dirksen, RN, PhD, FAAN

Margaret McLean Heitkemper, RN, PhD, FAAN

Linda Bucher, RN, PhD, CEN, CNE


Reviewed by:

Charles D. Rogers, RN, MSN

Advanced Cardiac Life Support Provider
Assistant Professor of Nursing
Morehead State University
Morehead, Kentucky

Collin Bowman-Woodall, RN, MS

Assistant Professor
Samuel Merritt University
San Francisco Peninsula Campus
San Mateo, California

		PIMPUSAKAAN	
No. INV	093/kdt/hd/'20		
th. Angg.	2020	Col	
PARAP	<i>Cmy</i>	TGL	20/11 '20

ELSEVIER

Contents

Section 1: Concepts in Nursing Practice

- 1 Professional Nursing Practice, 1
- 2 Health Disparities and Culturally Competent Care, 5
- 3 Health History and Physical Examination, 8
- 4 Patient and Caregiver Teaching, 11
- 5 Chronic Illness and Older Adults, 15
- 6 Complementary and Alternative Therapies, 19
- 7 Stress and Stress Management, 22
- 8 Sleep and Sleep Disorders, 26
- 9 Pain, 29
- 10 Palliative Care at End of Life, 33
- 11 Substance Abuse, 36

Section 2: Pathophysiologic Mechanisms of Disease

- 12 Inflammation and Wound Healing, 40
- 13 Genetics and Genomics, 44
- 14 Altered Immune Responses and Transplantation, 47
- 15 Infection and Human Immunodeficiency Virus Infection, 51
- 16 Cancer, 55
- 17 Fluid, Electrolyte, and Acid-Base Imbalances, 60

Section 3: Perioperative Care

- 18 Nursing Management: Preoperative Care, 66
- 19 Nursing Management: Intraoperative Care, 69
- 20 Nursing Management: Postoperative Care, 72

Section 4: Problems Related to Altered Sensory Input

- 21 Nursing Assessment: Visual and Auditory Systems, 75
- 22 Nursing Management: Visual and Auditory Problems, 80
- 23 Nursing Assessment: Integumentary System, 85
- 24 Nursing Management: Integumentary Problems, 88
- 25 Nursing Management: Burns, 92

Section 5: Problems of Oxygenation: Ventilation

- 26 Nursing Assessment: Respiratory System, 97
- 27 Nursing Management: Upper Respiratory Problems, 101
- 28 Nursing Management: Lower Respiratory Problems, 105
- 29 Nursing Management: Obstructive Pulmonary Diseases, 111

Section 6: Problems of Oxygenation: Transport

- 30 Nursing Assessment: Hematologic System, 117
- 31 Nursing Management: Hematologic Problems, 120

Section 7: Problems of Oxygenation: Perfusion

- 32 Nursing Assessment: Cardiovascular System, 127
- 33 Nursing Management: Hypertension, 134
- 34 Nursing Management: Coronary Artery Disease and Acute Coronary Syndrome, 138
- 35 Nursing Management: Heart Failure, 145
- 36 Nursing Management: Dysrhythmias, 149
- 37 Nursing Management: Inflammatory and Structural Heart Disorders, 156
- 38 Nursing Management: Vascular Disorders, 161

Section 8: Problems of Ingestion, Digestion, Absorption, and Elimination

- 39 Nursing Assessment: Gastrointestinal System, 167
- 40 Nursing Management: Nutritional Problems, 171
- 41 Nursing Management: Obesity, 175
- 42 Nursing Management: Upper Gastrointestinal Problems, 179
- 43 Nursing Management: Lower Gastrointestinal Problems, 185
- 44 Nursing Management: Liver, Pancreas, and Biliary Tract Problems, 192

Section 9: Problems of Urinary Function

- 45 Nursing Assessment: Urinary System, 199
- 46 Nursing Management: Renal and Urologic Problems, 203
- 47 Nursing Management: Acute Kidney Injury and Chronic Kidney Disease, 208

Section 10: Problems Related to Regulatory and Reproductive Mechanisms

- 48 Nursing Assessment: Endocrine System, 214
- 49 Nursing Management: Diabetes Mellitus, 218
- 50 Nursing Management: Endocrine Problems, 224
- 51 Nursing Assessment: Reproductive System, 229
- 52 Nursing Management: Breast Disorders, 234
- 53 Nursing Management: Sexually Transmitted Infections, 238
- 54 Nursing Management: Female Reproductive Problems, 241
- 55 Nursing Management: Male Reproductive Problems, 246

Section 11: Problems Related to Movement and Coordination

- 56 Nursing Assessment: Nervous System, 250
- 57 Nursing Management: Acute Intracranial Problems, 256
- 58 Nursing Management: Stroke, 261
- 59 Nursing Management: Chronic Neurologic Problems, 265
- 60 Nursing Management: Alzheimer's Disease, Dementia, and Delirium, 270
- 61 Nursing Management: Peripheral Nerve and Spinal Cord Problems, 274
- 62 Nursing Assessment: Musculoskeletal System, 279
- 63 Nursing Management: Musculoskeletal Trauma and Orthopedic Surgery, 284
- 64 Nursing Management: Musculoskeletal Problems, 290
- 65 Nursing Management: Arthritis and Connective Tissue Diseases, 293

Section 12: Nursing Care in Critical Care Settings

- 66 Nursing Management: Critical Care, 298
- 67 Nursing Management: Shock, Systemic Inflammatory Response Syndrome, and Multiple Organ Dysfunction Syndrome, 304
- 68 Nursing Management: Respiratory Failure and Acute Respiratory Distress Syndrome, 309
- 69 Nursing Management: Emergency, Terrorism, and Disaster Nursing, 313

Answers to Worksheets, 317