Harding Kwong Roberts Hagler Reinisch

**VOLUME II** 

# Lewis's NICAL-SURGICAL-SURGICAL NUTSING

Assessment and Management of Clinical Problems

**Eleventh Edition** 

Medical-surgical nursin WY150 H263M 2020 v.2



B0053237 bib:13399115734

**Evolve**°

Student Resources on Evolve

Access Code Inside

Elsevier 3251 Riverport Lane St. Louis, Missouri 63043

LEWIS'S MEDICAL-SURGICAL NURSING, ELEVENTH EDITION

SBN (two-volume set): 978-0-323-55200-4

Copyright © 2020 by Elsevier, Inc. All rights reserved.

ISBN (Volume 2): 978-0-323-55151-9

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or any information storage and retrieval system, without permission in writing from the publisher. Details on how to seek permission, further information about the Publisher's permissions policies and our arrangements with organizations such as the Copyright Clearance Center and the Copyright Licensing Agency, can be found at our website: www.elsevier.com/permissions.

This book and the individual contributions contained in it are protected under copyright by the Publisher (other than as may be noted herein).

### Notice

Practitioners and researchers must always rely on their own experience and knowledge in evaluating and using any information, methods, compounds or experiments described herein. Because of rapid advances in the medical sciences, in particular, independent verification of diagnoses and drug dosages should be made. To the fullest extent of the law, no responsibility is assumed by Elsevier, authors, editors or contributors for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions, or ideas contained in the material herein.

Previous editions copyrighted 2017, 2014, 2011, 2007, 2004, 2000, 1996, 1992, 1987, and 1983.

International Standard Book Number: 978-0-323-55149-6

H 263 M 2020 V.2 H 263 M 2020 V.2 H 2013 B 0053237

Senior Content Strategist: Jamie Blum Senior Content Development Specialist: Rebecca Leenhouts Publishing Services Manager: Julie Eddy Book Production Specialist: Clay S. Broeker Design Direction: Amy Buxton

Printed in Canada

Last digit is the print number: 9 8 7 6 5 4 3 2 1

Working together to grow libraries in developing countries

# CONTENTS

### **SECTION ONE Concepts in Nursing Practice**

- 1 Professional Nursing, 1
- 2 Health Equity and Culturally Competent Care, 17
- 3 Health History and Physical Examination, 33
- 4 Patient and Caregiver Teaching, 45
- 5 Chronic Illness and Older Adults, 59

# SECTION TWO Problems Related to Comfort and Coping

- 6 Stress Management, 76
- 7 Sleep and Sleep Disorders, 88
- 8 Pain, 102
- 9 Palliative and End-of-Life Care, 127
- 10 Substance Use Disorders, 142

# SECTION THREE Problems Related to Homeostasis and Protection

- 11 Inflammation and Healing, 156
- 12 Genetics, 175
- 13 Immune Responses and Transplantation, 188
- 14 Infection, 211
- 15 Cancer, 232
- 16 Fluid, Electrolyte, and Acid-Base Imbalances, 268

### **SECTION FOUR Perioperative Care**

- 17 Preoperative Care, 299
- 18 Intraoperative Care, 313
- 19 Postoperative Care, 328

### SECTION FIVE Problems Related to Altered Sensory Input

- 20 Assessment and Management: Visual Problems, 348
- 21 Assessment and Management: Auditory Problems, 376
- 22 Assessment: Integumentary System, 395
- 23 Integumentary Problems, 409
- 24 Burns, 431

# SECTION SIX Problems of Oxygenation: Ventilation

- 25 Assessment: Respiratory System, 455
- 26 Upper Respiratory Problems, 477
- 27 Lower Respiratory Problems, 502
- 28 Obstructive Pulmonary Diseases, 541

### SECTION SEVEN Problems of Oxygenation: Transport

- 29 Assessment: Hematologic System, 585
- 30 Hematologic Problems, 606

# SECTION EIGHT Problems of Oxygenation: Perfusion

- 31 Assessment: Cardiovascular System, 656
- 32 Hypertension, 678
- 33 Coronary Artery Disease and Acute Coronary Syndrome, 698
- 34 Heart Failure, 734
- 35 Dysrhythmias, 754
- 36 Inflammatory and Structural Heart Disorders, 778
- 37 Vascular Disorders, 800

### SECTION NINE Problems of Ingestion, Digestion, Absorption, and Elimination

- 38 Assessment: Gastrointestinal System, 828
- 39 Nutritional Problems, 849
- 40 Obesity, 869
- 41 Upper Gastrointestinal Problems, 889
- 42 Lower Gastrointestinal Problems, 924
- 43 Liver, Biliary Tract, and Pancreas Problems, 968

### **SECTION TEN Problems of Urinary Function**

- 44 Assessment: Urinary System, 1007
- 45 Renal and Urologic Problems, 1024
- 46 Acute Kidney Injury and Chronic Kidney Disease, 1059

### SECTION ELEVEN Problems Related to Regulatory and Reproductive Mechanisms

- 47 Assessment: Endocrine System, 1089
- 48 Diabetes Mellitus, 1108
- 49 Endocrine Problems, 1143
- 50 Assessment: Reproductive System, 1171
- 51 Breast Disorders, 1190
- 52 Sexually Transmitted Infections, 1212
- 53 Female Reproductive Problems, 1228
- 54 Male Reproductive Problems, 1254

### SECTION TWELVE Problems Related to Movement and Coordination

- 55 Assessment: Nervous System, 1279
- 56 Acute Intracranial Problems, 1300
- 57 Stroke, 1330
- 58 Chronic Neurologic Problems, 1352
- 59 Dementia and Delirium, 1383
- 60 Spinal Cord and Peripheral Nerve Problems, 1403
- 61 Assessment: Musculoskeletal System, 1429
- 62 Musculoskeletal Trauma and Orthopedic Surgery, 1444
- 63 Musculoskeletal Problems, 1478
- 64 Arthritis and Connective Tissue Diseases, 1499

## **SECTION THIRTEEN Care in Specialized Settings**

- 65 Critical Care, 1533
- 66 Shock, Sepsis, and Multiple Organ Dysfunction Syndrome, 1566
- 67 Acute Respiratory Failure and Acute Respiratory Distress Syndrome, 1588
- 68 Emergency and Disaster Nursing, 1605

### **APPENDIXES**

- A Basic Life Support for Health Care Providers, 1624
- **B** Nursing Diagnoses, 1627
- C Laboratory Reference Intervals, 1629

Index, I-1