MEDICAL SURCICAL NURSING

Assessment and Management of Clinical Problems

Sharon Mantik Lewis

Idolia Cox Collier

SECOND EDITION

MEDICAL-SURGICAL NURSING

Assessment and Management of Clinical Problems

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MEDICAL-SURGICAL NURSING: ASSESSMENT AND MANAGEMENT OF CLINICAL PROBLEMS

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MEDICAL-SURGICAL NURSING Assessment and Management of Clinical Problems

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The knowledge base upon which nurses make decisions changes rapidly. In order to accommodate these changes, a revised edition of *Medical-Surgical Nursing: Assessment and Management of Clinical Problems* has been prepared. The strengths of the first edition have been retained, including the use of the nursing process as an organizational thread and its commitment to the place of nursing in the health care team.

The editors recognize that learning occurs in a variety of ways. This book intentionally addresses both the verbally oriented and the pictorially oriented learner. Accordingly, the authors utilize both approaches and have selected many tables, drawings, and photographs to supplement the text. Readability has been analyzed to keep content at the appropriate level.

Content is organized into two major divisions. The first division (Section 1: Chapters 1 through 7) discusses general nursing concepts related to adult clients, including a new chapter related to professional issues and opportunites. Material usually covered in nursing fundamentals textbooks has intentionally been omitted to avoid overlap.

The second division (Sections 2 through 10: Chapters 8 through 62) presents both nursing assessment and the nursing role in management of medical-surgical problems. The various body systems are grouped by section in a sequence that reflects their interrelated functions in order to promote the reader's understanding of the body as an integrated whole. Each section is organized around two main themes: assessment and management. Chapters dealing with the first theme, assessment of a body system, include a discussion of the following:

- 1. Anatomy and physiology in brief review focusing on information that will promote understanding of nursing care
- 2. Health history and noninvasive physical assessment skills to expand the data base on which decisions are made
- 3. Common diagnostic studies, expected results, and related nursing care

The second theme is the nursing role in management of the various disorders of body systems. Chapters embracing this theme focus on the significance of the problem, pathogenesis and/or pathophysiology, clinical manifestations and complications with explanations of pathophysiological bases, and expected abnormalities of diagnostic studies. In addition, each chapter presents a concise discussion of medical management for major diseases and problems.

Two major additions to content are evident in the second edition. The first is in response to changing population demographics related to an increase in older adults. This has prompted an expanded coverage devoted to the older adult in both the assessment and the management chapters. In addition, changes in technique and findings related to older adults have been added to the assessment chapters. Common health problems of older adults have increased the coverage of age-specific nursing interventions.

The second major content addition involves nursing diagnosis as an integral part of the nursing management of the adult client. The increasing use of nursing diagnosis as an organizing framework for nursing care prompted the editors to add nursing diagnoses while retaining the client problem approach. Applicable nursing diagnoses have been added to all nursing care plans, giving the second edition flexibility to be useful in different educational and care settings. The theoretical background for nursing diagnosis has been added to Chapters 3 and 4.

The nursing process is the basis for the organization of nursing management and it enables the nurse to provide care in the following areas:

- 1. Health maintenance and promotion
- 2. Acute intervention
- 3. Rehabilitative or chronic management

This approach is used in discussing nursing management of all major health problems.

Client education is a major concern in all areas of nursing care. Over 100 nursing care plans have been developed that include client problems, nursing diagnoses, expected outcomes, and nursing interventions. For each major medical-surgical problem there is a specific discussion of pharmacological and nutritional intervention. Critical care content is included where appropriate.

Appendix A contains a listing of nursing diagnoses accepted by the membership of the North American Nursing Diagnosis Association following the Seventh National Conference in 1986. A health history organized around client functional health patterns compatible with nursing diagnoses is also presented. Appendix B deals with laboratory values and the significance of alterations. Appendix C includes samples of therapeutic diets and diets based on cultural preferences for traditional American, Spanish-American, and black-American populations.

Learning objectives precede each chapter to focus on essential content, and review questions follow each chapter to enable the reader to assess mastery of the content. (Appendix D lists answers to the review questions.) Each management chapter includes a case study with discussion questions. Sample charting for normal assessment of each body system is included in tabular form.

Contributors were selected for their acknowledged excellence in a specific content area. Final rewriting and editing was done by the two editors to achieve internal consistency. In addition, each chapter was thoroughly reviewed by one or more specialists in the subject area.

Note that to avoid the cumbersome repetition and alternation of the pronouns "he" and "she," the text consistently refers to the nurse as "she" and the client (with obvious exceptions) as "he." This usage of the traditional pronoun in referring to the nurse should not be interpreted as either an exclusion of the contributions of male nurses or a failure to acknowledge and support the increasing number of male nurses.

The editors are especially grateful to many people at the McGraw-Hill Book Company who assisted with this major revision effort. In particular, we wish to thank Sally J. Barhydt, Nursing Editor, and James W. Bradley, Senior Editing Supervisor.

Our perservering typists have earned our special thanks and include Shirley King, Jim Calvert, and Robbin Burge. Robert Telck was most helpful with many of the photographs added to this edition. Marilyn Williams provided invaluable assistance as a consultant on nursing diagnosis and revisions of nursing care plans.

We are particularly grateful to the nurses and student nurses who have put their faith in our book to assist them on their path to excellence. The use of the first edition throughout the United States and Canada in increasing numbers each year has been gratifying. This faith kept us going through the enormous task of revision. We are grateful to the many users who shared their comments and suggestions on the first edition.

And, of course, we wish to thank our contributors and reviewers for their conscientious attention to detail through the revision process. Their commitment to nursing kept them at their tasks until the job was done. We sincerely hope that this book will assist both students and clinicians in practicing truly professional nursing.

Sharon Mantik Lewis Idolia Cox Collier

MEDICAL-SURGICAL NURSING
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SECTION 1

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