

# **Medical-Surgical Nursing Clinical Companion**



# **Medical-Surgical Nursing Clinical Companion**

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This text is dedicated to Roger who because of his support and encouragement this project remained a work of heart from its conception to the finished product. Thanks for the many hours you spent editing this manuscript for me.

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## PREFACE

The *Medical-Surgical Nursing Clinical Companion* is designed as a clinical reference for both nursing students and practicing professional nurses. It provides over 280 full entries including presentations of such current health issues as obesity, SARS, and West Nile Virus. Common cardiac dysrhythmias are addressed as well as electrolyte imbalances specific to each imbalance. Trauma conditions including disseminated intravascular coagulation (DIC), chest trauma, and head trauma also are presented in their respective entries. In addition to these and other medical-surgical conditions, entries about specific procedures of care are provided. These include:

- Amputation
- Bone Marrow Transplantation
- Cardiac Surgery
- Chemotherapy
- Heart Transplantation
- Liver Transplantation
- Lung Transplantation
- Mechanical Ventilation
- Radiation Therapy
- Renal Dialysis
- Renal Transplantation
- Total Parenteral Nutrition
- Transfusion of Blood Products (covered in the Nursing Management section of DIC)

To address continuing health issues associated with cancer, entries are provided on the following:

- Bladder cancer
- Bone Neoplasms
- Brain Tumors
- Breast Cancer
- Cervical Cancer
- Colorectal Cancer
- Endometrial Cancer
- Esophageal
- Head and Neck Cancer
- Gastric Cancer
- Laryngeal Cancer
- Liver Cancer
- Lung Cancer
- Multiple Melanoma
- Oral Cancer
- Ovarian Cancer
- Pancreatic Cancer
- Prostate Cancer
- Renal Cancer
- Testicular Cancer
- Vaginal Cancer
- Vulvular Cancer

## xviii PREFACE

Over 100 cross-referenced entries are covered to provide ease in locating the information the reader needs. The four appendices provide information on abbreviations, pharmacologic classifications, common conversions, and laboratory values. The full reference list is unique as it presents extensive Internet resources for acquiring further information about each condition. In step with current practices that include nurse practitioners and specialists as well as physicians, this text uses the term health care provider to address this expanding provision of health care.

This text differs from most clinical companions associated with nursing textbooks in that it presents all phases of the nursing process related to each medical-surgical condition. Nursing students (and some practicing nurses) that have difficulty writing goals and evaluation (these two components of the nursing process are generally not included in clinical companions) will find this information very helpful in providing holistic care to their clients.

Another unique feature of this text is the presentation of content for each health alteration. It is designed not only to present each condition in a logical format, but also to help nursing students learn to think in a problem-solving and critical thinking manner while they are gaining knowledge about medical-surgical conditions. For the practicing nurses, it will help sharpen their critical thinking skills as well as improving their knowledge.

Each entry begins with the **definition** of the condition without using terms within the name of the condition. An example is when the condition being presented is a fracture; this text defines a fracture as a break in the continuity of the bone (and the anatomical location of the fracture). This provides a starting point for the reader while offering a brief review of anatomy and physiology specific to the topic.

Following the definition is a clear, concise presentation of the **pathophysiology** of the condition. This information is critical for the reader to understand before progressing to the **incidence and etiology** which provides the frequency of occurrence of the condition as well as the identified causes.

**Clinical manifestations** are presented so the nurse understands what signs and symptoms the client will exhibit as a result of the pathological process occurring. **Medical management** of the condition including both medical and surgical interventions to treat the disorder follows a listing of **diagnostic tests**.

This information leads to the **nursing management** using the nursing process format. This is not intended to be an exhaustive presentation because the scope of this text is that of a clinical companion rather than a medical-surgical textbook. **Assessment** focuses on the data pertinent to the condition that the nurse needs to collect and analyze to progress to prioritizing client needs. A listing of **nursing diagnoses** is presented in an “including but not limited to” format and is followed by associated planning goals, written as realistic, measurable, and observable outcome criteria. **Implementation** focuses on nursing interventions, including pertinent assessments the nurse should make while addressing identified client needs, as well as actions related to collaborative care. Because of the nurse’s critical role in administering pharmacologic agents, the “seven rights” of medication administration have been developed and are considered by the author as standards of nursing practice. These rights are 1) *right client*, 2) *right medication*, 3) *right dose*, 4) *right time*, 5) *right route*, 6) *right documentation*, and 7) *client’s right to refuse*. **Client teaching** completes the implementation step and **evaluation**, comparing the identified goals and the outcomes, completes the presentation.

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## ABOUT THE AUTHOR

Bonita Broyles began her career in nursing in obstetrics in 1968 when she worked as a student nursing assistant and remained in this area through her graduation from The Ohio State University in 1970 with her BSN. She combined staff nursing and teaching in Maternal-Child for the next 11 years in Columbus, Ohio. In 1981, she changed her nursing focus to Medical-Surgical nursing in which she has been staffing and teaching to the present time. In 1984 she and her husband relocated to North Carolina where she continued her combined career in Med-Surg. She began teaching at Piedmont Community College in Roxboro, North Carolina, in 1986 at which time she added another content focus—pediatrics. She is currently the course coordinator for Pharmacology, Maternal-Child Nursing, and Adult Nursing II in the Associate Degree Nursing Education at Piedmont Community College. She has taught in Practical Nursing Education, Diploma Education, and Associate Degree Nursing Education. The bedside nursing focus of ADN Education is her career love.

Dr. Broyles received her Master of Arts degree from North Carolina Central University in 1988, her Doctorate of Education from LaSalle University in 1996, and her PhD from St. Regis University in 2004. She has written a number of nursing texts including *Clinical Companion for Ashwill and Droske's Nursing of Children: Principles and Practice* (1997), *Pharmacological Aspects of Nursing Care* (6th ed.) (2002), and *Dosage Calculation Practice for Nurses* (2003) as well as test banks for other texts.

Dr. Broyles and her husband Roger reside in Creedmoor, NC, and between them have 5 grown children.

