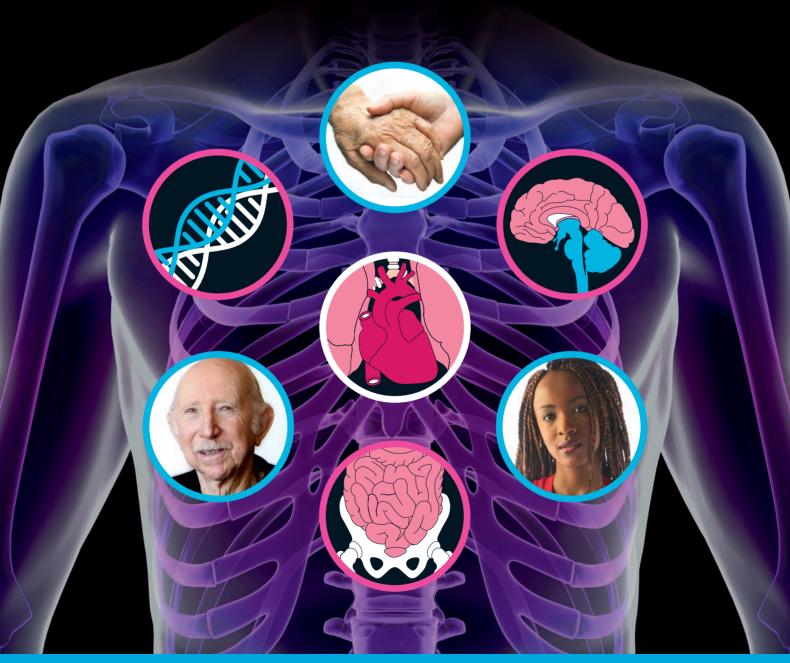
# LeMone & Burke's

# Adult Nursing Acute and Ongoing Care

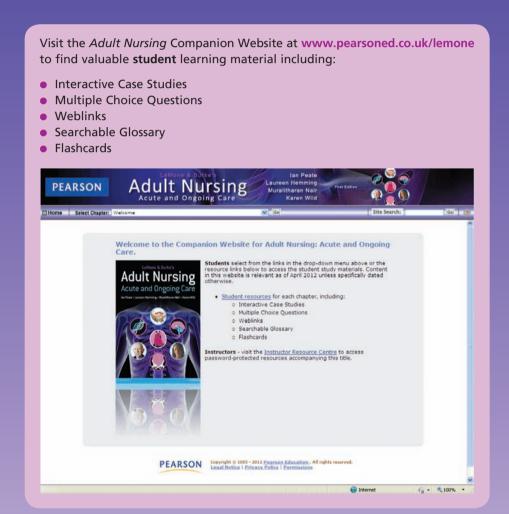
lan Peate • Muralitharan Nair • Laureen Hemming • Karen Wild



ALWAYS LEARNING PEARSON

#### LeMone & Burke's

# **Adult Nursing**



# LeMone & Burke's Adult Nursing

# **Table of Contents**

(	`	$\overline{}$	١,	Δ	r
ı			v	H	ı

**Adult Nursing** 

**Brief contents** 

Contents in detail

List of figures

Preface

About the authors

Guided tour

List of acronyms

Acknowledgements

The Role and Function of the Adult Nurse in Health and Illness

Learning outcomes

Clinical competencies

Case study

Introduction

The Nurse in Acute and Ongoing Nursing Practice

The Nursing Process

Critical Thinking and Evidence-based Care in Adult Nursing

Applying Ethics to Nursing Practice

Legal and Ethical Dilemmas in Nursing

Models of Care Delivery

Nurses and Quality Assurance

Health and Illness

Disease and Illness

Meeting the Health Needs of Adults

The Family

The Person Undergoing Surgical Intervention

**Chapter Highlights** 



**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for People with Cancer

Learning outcomes

Clinical Competencies

Case Studies

Introduction

Incidence and Mortality

Risk Factors

Pathophysiology

**Aetiology of Cancer** 

Physiological and Psychological effects of Cancer

Interdisciplinary Care for the Person with Cancer

Making a Cancer Diagnosis

**Cancer Treatment** 

**Oncological Emergencies** 

Nursing Care for the Person with Cancer

Health Promotion

Rehabilitation and Survivorship

Palliative Care

End-of-life Care

**Bereavement Care** 

Case study summaries

**Chapter Highlights** 

**Test Yourself** 

**Further Resources** 

Bibliography

# Caring for People with Altered Fluid, Electrolyte, Acidbase Balance and Shock

Learning outcomes

Clinical Competencies

Case Studies



Introduction

**Body Fluid Compartments** 

Acidbase Balance

Shock

Cellular Homeostasis and Haemodynamics

Disorders of Fluid Balance

The Person with Fluid Volume Deficit (FVD)

The Person with Fluid Volume Excess (FVE)

Disorders of Electrolyte Balance

The Person with Sodium Imbalance (hypernatraemia)

The Person with Sodium Imbalance (hypernatraemia)

The Person with Potassium Imbalance (hypokalaemia)

The Person with Potassium Imbalance (hyperkalaemia)

The Person with Calcium Imbalance (hypocalcaemia)

The Person with Calcium Imbalance (hypercalcaemia)

The Person with Shock

Case Study Sumaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

## Caring for People with Immune Problems

Learning Outcomes

Clinical Competencies

Case Studies

Introduction

Anatomy, Physiology and Functions of the Immune System

Disorders of the Immune System

The Person with a Primary Immunodeficiency

Secondary Immunodeficiencies

The Person with HIV Infection

Hypersensitivity

Autoimmune Disease



Infection

Infectious Diseases

Primary and Secondary Response to Infection

**Immunisations** 

Case Study Sumaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for People with Altered Skin Function

**Learning Outcomes** 

Clinical competencies

Case Studies

Introduction

Anatomy, Physiology and Function of the Skin, Hair and Nails

Types of Altered Skin Function

Assessing Skin Function

Common Skin Problems and Lesions

The Person with Pruritus

The Person with Dry Skin (xerosis)

The Person with a Benign Skin Lesion

The Person with Psoriasis

Infections and Infestations of the Skin

The person with a bacterial infection of the skin

The Person with a Parasitic Infestation of the Skin

The Person with a Viral Infection of the skin

Inflammatory Disorders of the Skin

The Person with Dermatitis

The Person with Acne

The Person with Pemphigus Vulgaris

The Person with Lichen Planus

Malignant Skin Disorders

The Person with Actinic Keratosis



The Person with Non-melanoma skin cancer

The Person with Malignant Melanoma

Wounds

Wound Healing

The Person with a Minor Injury

The Person with a Surgical Wound

The Person with a Burn or a Scald

**Factitious Wounds** 

The Person with a Pressure Ulcer

The Person with a Leg Ulcer

The Person with Diabetic Foot

Other Therapies for Persons with Altered Skin Function

Case Study Sumaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for People with Endocrine Problems

Learning Outcomes

**Clinical Competencies** 

Case Studies

Introduction

Anatomy, Physiology and Functions of the Endocrine System

Disorders of the Endocrine System

The person with hyperthyroidism

The Person with Hypothyroidism

The Person with Cancer of the Thyroid

Disorders of the Pituitary Gland

The Person with a Disorder of The Anterior Pituitary Gland

The Person with a Disorder of the Posterior Pituitary Gland

Diabetes Melitus (DM)

The Person with DM

Case Study Summaries



**Chapter Highlights** 

**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for People with Gastrointestinal Problems

**Learning Outcomes** 

Clinical Competencies

Case Studies

Introduction

**Nutrients** 

Anatomy, Physiology and Functions of the Gastrointestinal (GI) System

The Person with Obesity

The Person with Malnutrition

Disorders of the Stomach and Duodenum

The Person with Peptic Ulcer Disease (PUD)

The Person with Cancer of the Stomach

The Person with Hepatitis

The Person with Pancreatitis

The Person with Pancreatic Cancer

The Person with Constipation

The Person with Inflammatory Bowel Disease (IBD)

The Person with Colorectal Cancer

Case Study Summaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

## Caring for People with Urinary Elimination and Kidney Problems

**Learning Outcomes** 

Clinical Competencies

Case Studies

Introduction

Anatomy, Physiology and Functions of the Urinary System



The Person with a Urinary Tract Infection (UTI)

The Person with Urinary Calculi

The Person with Bladder Cancer

The Person with a Renal Tumour

Renal Failure

The Person with Acute Kidney Injury (AKI)

The Person with Chronic Kidney Disease (CKD)

Case Study Summaries

**Chapter Highlights** 

**Test Yourself** 

**Further Resources** 

Bibliography

# Caring for People with Cardiovascular Problems

**Learning Outcomes** 

**Clinical Competencies** 

Case Studies

Introduction

Anatomy, Physiology and Functions of the Heart

Cardiovascular Disease

Disorders of Myocardial Perfusion

The Person with Coronary Heart Disease (CHD)

The Person with Stable Angina

The Person with Acute Coronary syndrome (ACS)

The Person with Myocardial Infarction (MI)

Sudden Cardiac Death (SCD)

Acute and Chronic Heart Failure

The Person with Acute Heart Failure (AHF)

The Person with Chronic Heart Failure (CHF)

The Person with a Structural Problem of the Heart

The Person with Peripheral Vascular Disease (PVD)

End-of-life Care

Case Study Sumaries

Chapter Highlights



**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for People with Haematological Problems

**Learning Outcomes** 

Clinical Competencies

Case studies

Introduction

Anatomy, Physiology and Functions of the Haematological System

Disorders of the Red Blood Cells (erythrocytes)

The Person with Anaemia

The Person with Myelodysplastic Syndrome (MDS)

The Person with Polycythaemia Vera

Disorders of the White Blood Cells and Lymphoid Tissues

The Person with a Leukaemia

The Person with Malignant Lymphoma

The Person with Multiple Myeloma (MM)

Haemostatic Disorders

The Person with Thrombocytopenia

The Person with a Hereditary Coagulation Disorder

Case Study Sumaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

# Caring for People with Respiratory Problems

Learning outcomes

Clinical competencies

Case Studies

Introduction

Anatomy, Physiology and Functions of the Respiratory System

Assessing Respiratory Function

Problems of Ventilation



The Person with Sinusitis

The Person with Obstructive Sleep Apnoea

The Person with Influenza

The Person with Acute Bronchitis

The Person with Pneumonia

The Person with Tuberculosis (TB)

Disorders of the Pleura

The Person with Pleuritis (pleurisy)

The Person with Pleural Effusion

The Person with Pneumothorax

The Person with Lung Cancer

Gas Exchange Problems

The Person with Asthma

The Person with Chronic Obstructive Pulmonary Disease (COPD)

The Person with Pulmonary Embolism

The Person with Acute Respiratory failure

Case Study Summaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

## Caring for People with Musculoskeletal Problems

Learning Objectives

Clinical Competencies

Case Studies

Introduction

Anatomy, Physiology and Functions of the Musculoskeletal System

Traumatic Injuries of the Muscles, Ligaments and Joints

The person with a contusion, strain or sprain

The Person with a Joint Dislocation

Traumatic Injuries of the Bones

The person with a fracture

The Person Having an Amputation



The Person with Repetitive Strain Injury (RSI)

Metabolic Bone Disorders

The Person with Osteoporosis

The Person with Pagets Disease

The Person with Gout

The Person with Osteoarthritis (OA)

Autoimmune and inflammatory disorders

The Person with Rheumatoid Arthritis (RA)

The Person with Systemic Lupus Erythematosus (SLE)

The Person with Osteomyelitis

**Neoplastic Disorders** 

The Person with a Bone Tumour

The Person with Spinal Cord Compression

Connective Tissue and Structural Disorders

The Person with Scleroderma

The Person with Fibromyalgia

The Person with Low Back Pain

Case Study Sumaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

## Caring for People with Neurological Problems

**Learning Outcomes** 

Clinical Competencies

Case Studies

Introduction

Anatomy, Physiology and Functions of the Nervous System

Assessing the Person with Neurological Problems

Intracranial Disorders

The Person with Altered Level of Consciousness (LOC)

The Person with Increased Intracranial Pressure

The Person with a Headache



The Person with Epilepsy

The Person with a Traumatic Brain Injury (TBI)

The Person with a CNS Infection

The Person with an Intracranial Tumour

The Person with a Cerebrovascular Disorder

The Person with a Spinal Cord Tumour (SCT)

Degenerative Neurological Disorders

The Person with Multiple Sclerosis (MS)

The Person with Parkinsons Disease (PD)

The Person with Dementia

Case Study Sumaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for People with Eye and Ear Problems

**Learning Outcomes** 

Clinical Competencies

Case Studies

Introduction

Anatomy, Physiology and Functions of the Eyes

Assessing the Eyes

Eye and Vision Assessments

Disorders of the Eye

The Person with Conjunctivitis

The Person with a Corneal Disorder

The Person with Eye Trauma

The Person with Cataracts

The Person with Glaucoma

The Person with Diabetic Retinopathy

Anatomy, Physiology and Functions of the Ears

Assessing the Ears

Ear and Hearing Assessments



Disorders of the Ear

The Person with Otitis Externa

The Person with Impacted Cerumen or a Foreign Body

The Person with Otitis Media

The Person with Chronic Otitis Media

The Person with an Inner Ear Disorder

The Person with Hearing Loss

Case Study Sumaries

**Chapter Highlights** 

**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for Women with Reproductive Problems

Learning outcomes

Clinical competencies

Case Studies

Introduction

The Female Reproductive System

Anatomy, Physiology and Functions of the Female Reproductive System

Assessing the Female Reproductive system

The Woman with Sexual Dysfunction

The Perimenopausal Woman

Menstrual Disorders

The Woman with Premenstrual Syndrome (PMS)

The Woman with Dysmenorrhoea

The Woman with Dysfunctional Uterine Bleeding (DUB)

Structural Disorders

The Woman with a Uterine Displacement

The Woman with a Vaginal Fistula

Disorders of Female Reproductive Tissue

The Woman with Cysts or Polyps

The Woman with Leiomyoma

The Woman with Endometriosis



The Woman with Cervical Cancer

The Woman with Endometrial Cancer

The Woman with Ovarian Cancer

The Woman with Cancer of the Vulva

Disorders of the Breast

The Woman with a Benign Breast Disorder

The Woman with Breast Cancer

Case Study Sumaries

**Chapter Highlights** 

**Test Yourself** 

**Further Resources** 

Bibliography

#### Caring for Men with Reproductive Problems

**Learning Outcomes** 

Clinical Competencies

Case Studies

Introduction

The Male Reproductive Tract

Anatomy, Physiology and Functions of the Male Reproductive System

Assessing the Male Reproductive system

The Man with Erectile Dysfunction (ED)

Disorders of the Penis

The Man with Phimosis or Priapism

The Man with Cancer of the Penis

Disorders of the Testis and Scrotum

The Man with a Benign Scrotal Mass

The Man with Epididymitis

The Man with Orchitis

The Man with Testicular Cancer

Disorders of the Prostate Gland

The man with prostatitis

The Man with Benign Prostatic Hyperplasia (BPH)

The Man with Prostate Cancer



Male Breast Disorders

The Man with Gynaecomastia

The Man with Breast Cancer

Case Study Summaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

# Caring for People with Sexually Transmitted Infections

**Learning Outcomes** 

Clinical Competencies

Case Studies

Introduction

Overview of Sexually Transmitted Infections

The Person with Genital Herpes

The Person with Genital Warts

The Woman with a Vaginal Infection

The Person with Chlamydia

The Person with Gonorrhoea

The Person with Syphilis

The Woman with Pelvic Inflammatory Disease (PID)

Case Study Summaries

Chapter Highlights

**Test Yourself** 

**Further Resources** 

Bibliography

Answers to Test Yourself Questions

Glossary

Index

