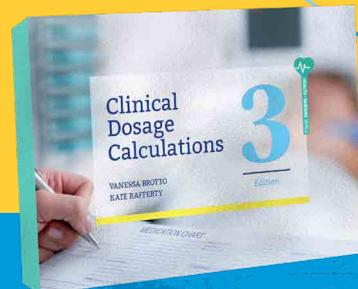
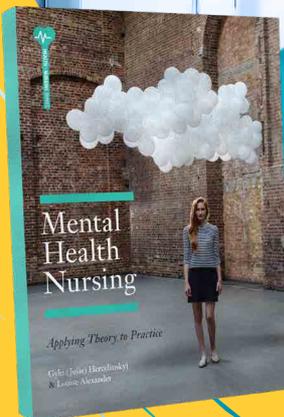
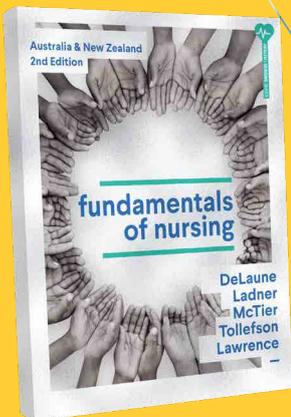
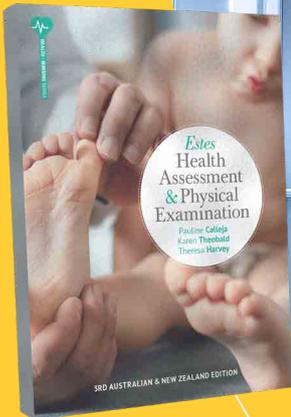


NURSING

Trusted market-leading resources covering essential skills and knowledge



NURSING

Australian and New Zealand
teaching & learning resources

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Digital solutions are available for your course!

Effectively introducing digital solutions into your classroom is now easier than ever. When you choose a Cengage digital solution, a dedicated digital partnership manager will provide you with hands-on, end-to-end support, making digital course delivery a success for you and your students.

cengage.com.au/learning-solutions



Premium online teaching and learning tools are available on the *MindTap* platform - the personalised eLearning solution.

MindTap is a flexible and easy-to-use platform that helps build student confidence and gives you a clear picture of their progress. We partner with you to ease the transition to digital – we're with you every step of the way.

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Have your students got it?

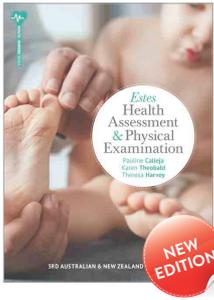
GOT IT

Got it! Dosage Calculations is an online revision platform that enables students to practice and check their understanding of the key concepts.

Ranging from basic arithmetic to more complex calculations of medications, this digital study tool is fun and easy to use.

Talk to your Cengage learning consultant about *Got it! Dosage Calculations* for your course.





HEALTH ASSESSMENT AND PHYSICAL EXAMINATION, 3E

Estes | Calleja | Theobald | Harvey

ISBN: 9780170420587

896 pp | Paperback | eBook | © 2020



This market-leading text presents health assessment, physical examination information and skills for health professionals who undertake assessments that evaluate the whole person as a physical, psychosocial and functional being, whether they are young or old, well or ill.

Health Assessment and Physical Examination is scaffolded from foundation to more advanced health assessment, following a body-systems approach and a 'head-to-toe' approach. It uses the ENAP (Examine–Normal–Abnormal–Pathophysiology) approach as a tool for students to collect useful information. An applied case study at the end of each chapter walks students through an example of an assessment.

This comprehensive yet student-friendly text is noted for its high-quality case studies, pedagogical elements, and excellent student resources. Unique to this text are the advanced topics and 'Urgent findings', which highlights serious or life-threatening signs or critical assessment findings that need immediate attention.

NEW TO THIS EDITION

- New topics integrated into the text, including urinary function, mental health, pain management, and cultural safety
- New regional updates and clarification of terminology
- Updated examination requirements, including neurological assessment
- New format for Health History tables, consistent with case studies
- Three new and other updated cases studies with worked examples

Available with MINDTAP

Premium online teaching and learning tools are available on the *MindTap* platform - the personalised eLearning solution.

MindTap for Estes' *Health Assessment and Physical Examination* is full of innovative resources to support critical thinking, and help your students move from memorisation to mastery! Includes:

- Estes' *Health Assessment and Physical Examination* eBook
- Heart and lung sounds, cases, videos, concept checks

MindTap is a premium purchasable eLearning tool. Contact your Cengage learning consultant to find out how *MindTap* can transform your course.

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Unit 1 Laying the foundation

1. Critical thinking and the nursing process
2. The patient interview and developmental considerations
3. The complete health history including documentation
4. Cultural considerations

Unit 2 Physical examination

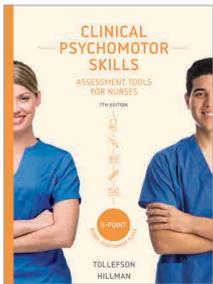
5. Physical examination techniques
6. Examination requirements for every patient
7. Mental status and neurological techniques
8. Skin, hair and nails
9. Head, neck and regional lymph nodes
10. Eyes
11. Ears, nose, mouth and throat
12. Breasts and regional nodes
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15. Abdomen and nutrition
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17. Female genitalia
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19. Anus, rectum and prostate

Unit 3 Specific lifespan populations

20. The pregnant woman
21. The paediatric patient
22. The older adult

Unit 4 Putting it all together

23. Health assessment and physical examination in context



CLINICAL PSYCHOMOTOR SKILLS (5-POINT BONDY): ASSESSMENT TOOLS FOR NURSES, 7E

Tollefson | Hillman
ISBN: 9780170410793
480 pp | Spiral bound | eBook | ©2019



The most trusted nursing clinical skills text on the market! *Clinical Psychomotor Skills* offers a unique blend of solid theoretical knowledge and practice-based clinical skills. This edition includes five additional skills, the latest evidence-based material from nursing and associated literature, and reflects The Nursing and Midwifery Board of Australia's Registered Nurse Standards for Practice, making this the essential guide for all students enrolled in registered nursing programs.

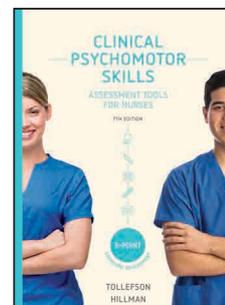
- Five additional skills added in response to reviewer feedback: Medication administration – topical; Medication administration - vaginal (PV); Medication administration - rectal (PR); Continuous Abdominal Peritoneal Dialysis (CAPD); and Bladder irrigation, making this the most extensive clinical skills resource available
- 'If ... then ...' scenarios guide students to consider different clinical situations they might encounter and how to act accordingly
- Video icons guide students to watch clinical skills videos
- Safety icons identify serious issues or life-threatening indications that students need to be aware of to take appropriate safe action
- Refreshed, practical text design and layout for easy student navigation

ADDITIONAL RESOURCES TO SUPPORT YOUR TEACHING

- Test Bank to support assessment
- Instructor's Manual created by the authors outlines some of the questions and subsequent discussion that can be generated with individuals or groups of students during lab, tutorial and clinical placement. Includes simple task-oriented questions to test student preparedness and higher-level critical thinking questions for further discussion
- *Clinical Psychomotor Skills* assessment competency charts
- Customisable PowerPoint presentations
- Digital files of graphs, tables, pictures and flow charts from the text

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Part 1	Introduction
Part 2	Aseptic non touch technique
Part 3	Assessment
Part 4	Professional communication
Part 5	Assisting with fluid and nutritional status
Part 6	Assisting with elimination
Part 7	Medication administration
Part 8	Pain management
Part 9	Perioperative care
Part 10	Assisting with personal hygiene and skin integrity
Part 11	Respiratory skills
Part 12	Transfusion and blood products
Part 13	Wound management
Part 14	Advanced skills [all online]
Appendix:	NMBA Registered Nurse Standards for Practice 2016



ALSO AVAILABLE IN
3-POINT RATING SCALE

Clinical Psychomotor Skills (3-Point): Assessment Tools for Nurses, 7e

Tollefson | Hillman
ISBN: 9780170410786
536 pp | Spiral bound | eBook | ©2019

SEE PAGE 5 FOR THE COMPLETE LIST
OF CLINICAL SKILLS VIDEOS TO
COMPLEMENT THE TEXT

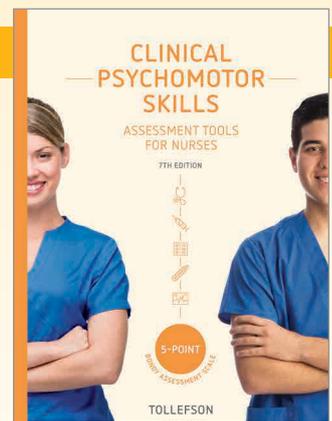
VIDEOS THAT DEMONSTRATE THE SKILLS YOUR STUDENTS NEED TO MASTER

TOLLEFSON, CLINICAL SKILLS FOR NURSING

Demonstrate professional nursing skills to your students with Australian videos complementing Joanne Tollefson's theory and practice of key clinical skills – fully updated with five new skills for this edition.

Student-friendly and practical Tollefson videos allow students to see the skills they need to master – demonstrated in real-life settings – building layers of learning not achievable through the course text alone.

This suite of resources is ideal for teaching students studying to be registered nurses/division 1 nurses, undertaking a Bachelor of Nursing at university level. Contemporary and set in real-life Australian settings, this series focuses on the following 76 skills:



ASEPTIC NON-TOUCH TECHNIQUE

- Hand hygiene
- Personal protective equipment
- Aseptic non-touch technique
- Aseptic/clinical hand hygiene
- Surgical gowning and gloving

ASSESSMENT

- Temperature, pulse and respiration measurement
- Blood pressure measurement
- Monitoring pulse oximetry
- Pain assessment
- Physical assessment
- Mental status assessment
- Focused Cardiovascular health history and physical assessment
- 12-lead electrocardiogram
- Focused respiratory health history and physical assessment
- Focused neurological health history and physical assessment
- Neurovascular observations
- Focused gastrointestinal health history and abdominal physical assessment
- Height, weight and waist circumference measurements
- Blood glucose measurement
- Focused musculoskeletal health history and physical assessment and range of motion exercises

PROFESSIONAL COMMUNICATION

- Clinical handover
- Documentation
- Health care teaching

ASSISTING WITH FLUID AND NUTRITIONAL STATUS

- Assisting with meals
- Nasogastric tube insertion
- Administering enteral nutrition
- Intravenous therapy – assisting with establishment
- Intravenous therapy – management

ASSISTING WITH ELIMINATION

- Assisting with elimination needs
- Administering an enema
- Suprapubic catheter care – catheter irrigation
- Urinary catheterisation

MEDICATION ADMINISTRATION

- Oral medication
- Enteral medication
- Topical medication (NEW)
- Otic medication
- Vaginal medication (NEW)
- Rectal medication (NEW)
- Inhaled medication
- Parenteral medication
- Intravenous medication administration: volume-controlled infusion set
- Intravenous medication administration: intravenous container

PAIN MANAGEMENT

- Non-pharmacological pain management intervention – dry heat and cold therapy
- Patient-controlled analgesia and other syringe-driven medication
- Subcutaneous infusions

PERIOPERATIVE CARE

- Pre-operative care
- Post-anaesthesia care and handover
- Post-operative care

ASSISTING WITH PERSONAL HYGIENE AND SKIN INTEGRITY

- Bed bath or assisted shower
- Oral care, hair care, nail care and shaving
- Assisting a person to reposition
- Assisting a person to mobilise
- Pressure area care - preventing pressure injuries

RESPIRATORY SKILLS

- Oxygen therapy via nasal cannula or various masks
- Oropharyngeal and nasopharyngeal suctioning
- Artificial airway suctioning
- Tracheostomy care
- Chest drainage system assessment and management

TRANSFUSION AND BLOOD PRODUCTS

- Blood transfusion
- Venipuncture

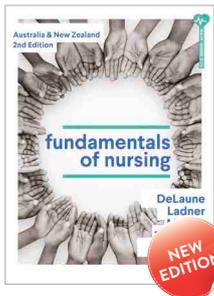
WOUND MANAGEMENT

- Dry dressing technique
- Complex wounds: drain and suture, staple or clip removal
- Complex wounds: wound irrigation
- Complex wounds: packing a wound

ADVANCED SKILLS

- Caring for a person with a central venous access device
- Assisting with stoma care
- Intravenous medication administration – bolus
- Seclusion management
- Electroconvulsive therapy care
- Non-pharmacological pain management interventions – therapeutic massage
- Non-pharmacological pain management interventions – Conventional Transcutaneous Electrical Nerve Stimulation
- Neonate – daily care
- Caring for a person who is unconscious
- Continuous bladder irrigation (NEW)
- Continuous Abdominal Peritoneal Dialysis (NEW)

Talk to your Cengage learning consultant about the different purchasing options available for your needs



FUNDAMENTALS OF NURSING: AUSTRALIA & NEW ZEALAND EDITION, 2E

DeLaune | McTier | Tollefson | Lawrence | Ladner
 ISBN: 9780170411417
 1200 pp | Paperback | eBook | © 2020



Fundamentals of Nursing, 2e highlights the core themes of nursing, including nurse, person, health and environment, covering the fundamental concepts, skills and standards of practice. Research and evidence-based practice issues are highlighted to help introductory nursing students prepare for delivering care for culturally diverse populations across a continuum of settings.

With up-to-date coverage of the Registered Nurse Standards of Practice (2016) and key pedagogical features such as our unique 'Spotlight on Critical Thinking' questions, this text challenges students to assess their own nursing practice and apply the concepts to real-life clinical settings.

Fundamentals of Nursing presents in-depth material in a clear, concise manner using language that is easy to read and has good coverage of topics such as rural and remote nursing and Aboriginal and Torres Strait Islander health. This text is complemented by the bestselling Tollefson, *Clinical Psychomotor Skills: Assessment Tools for Nursing*, which covers skills and procedures. A value pack of these two texts is available.

NEW TO THIS EDITION

- Content clearly linked to the latest Nursing Standards (NMBA 2016)
- New 'Evidenced-based practice' boxes in each chapter, more than doubling the amount of material on current research in nursing in the previous edition
- New clinical skills video for students and lecturers
- New visuals and photos throughout the text for enhanced student learning
- Revised material on Papanicolaou Test to align to changes to procedure
- Revised Chapter 30, 'Vital Signs', to better align with the way the unit is taught

Available with MINDTAP

Premium online teaching and learning tools are available on the *MindTap* platform - the personalised eLearning solution.

MindTap for DeLaune's *Fundamentals of Nursing in Australia and New Zealand* is full of innovative resources to support critical thinking, and help your students move from memorisation to mastery! Includes:

- DeLaune's *Fundamentals of Nursing in Australia and New Zealand, 2e* eBook
- Media quizzes, videos and animations, heart and lung sounds
- Polling and revision quizzing
- Advanced diagnostic testing extension material
- Nursing procedures and more!

MindTap is a premium purchasable eLearning tool. Contact your Cengage learning consultant to find out how *MindTap* can transform your course.

Clinical Skills box and Clinical Skills icon throughout link the theory to the corresponding clinical skills in *Clinical Psychomotor Skills, 7e* by Joanne Tollefson and Elspeth Hillman.

TABLE OF CONTENTS

Unit 1 Nursing perspectives: past, present and future

1. Evolution of nursing education and theory
2. Research and evidence-based practice
3. Health care delivery

Unit 2 Nursing process: the standard of care

4. Critical thinking, decision making, and nursing process
5. Assessment
6. Problem identification
7. Planning
8. Implementation
9. Evaluation

Unit 3 Professional accountability

10. Leadership and delegation
11. Legal and ethical responsibilities
12. Documentation and informatics

Unit 4 Promoting health

13. Nursing, healing and caring
14. Communication
15. Health and wellness promotion
16. Family and community health
17. The life cycle
18. Paediatric care
19. The older adult
20. Palliative care
21. Cultural diversity
22. Aboriginal and Torres Strait Islander health
23. Rural and remote health
24. Health care education

Unit 5 Responding to basic psychosocial needs

25. Self-concept
26. Stress, anxiety, adaptation and change
27. Spirituality
28. Loss and grief
29. Mental health

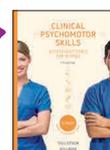
Unit 6 Responding to basic physiological needs

30. Vital signs
31. Physical assessment
32. Safety, infection control and hygiene
33. Medication administration
34. Traditional and complementary therapies
35. Oxygenation
36. Fluids and electrolytes
37. Nutrition
38. Pain management, comfort and sleep
39. Mobility
40. Skin integrity and wound healing
41. Sensation, perception and cognition
42. Elimination
43. Perioperative nursing care

VALUE PACK AVAILABLE



With 5-Point Value Pack
 ISBN: 9780170288866



With 3-Point Value Pack
 ISBN: 9780170288859



PHARMACOLOGY IN NURSING AUSTRALIAN & NEW ZEALAND EDITION, 3E

Broyles | McKenzie | Pleunik | Page | Reiss | Evans
 ISBN: 9780170421850
 832 pp | Paperback | eBook | © 2020



Pharmacology in Nursing, Australian and New Zealand Edition, 3e focuses on the use of drugs as medications within the healthcare environment in Australia and New Zealand. This text is a resource for nurses and health professionals in their understanding of drugs and their actions, especially regarding the responsibilities of nurses in relation to medication administration and patient management.

The text introduces medications and medication therapies, and the principles and methods of medication administration, with an emphasis on the implications for nursing care. Specific medication therapy considerations for vulnerable groups are presented to highlight the special concerns for these groups. A review of dosage calculations is also included.

Pharmacology in Nursing takes a body systems approach, focusing on the pharmacology of the medications that act on the various body systems and their disorders.

NEW TO THIS EDITION

- Coverage of Pharmacokinetics and Pharmacogenetics is now in two discrete chapters
- Expanded focus on vulnerable populations, such as paediatric, elderly, pregnant, indigenous, other vulnerable cultural groups
- TGA nomenclature and National Medication Labelling standards, e.g. Tall Man labelling
- Ethics chapter, 'Legal and Ethical Considerations', includes coverage of medical cannabis, issues in midwifery, advanced-care planning, and the ethics and privacy implications of social media
- Additional focus on medication use in pregnancy, as well as in maternal and child health – including breastfeeding – and midwifery
- New and revised case studies
- Generic drug names have replaced brands, in keeping with international best practice

Available with MINDTAP

Premium online teaching and learning tools are available on the MindTap platform – the personalised eLearning solution.

MindTap for Broyles' *Pharmacology in Nursing* is full of innovative resources to support critical thinking, and help your students move from memorisation to mastery! Includes:

- Broyles' *Pharmacology in Nursing* eBook
- Concept checks, skills videos, audio dictionary, medication tables, and more

MindTap is a premium purchasable eLearning tool. Contact your Cengage learning consultant to find out how *MindTap* can transform your course.

TABLE OF CONTENTS

Section 1: Introduction to drugs and medication administration

1. Medications: from herbs to researched treatments
2. Pharmacokinetics and pharmacodynamics
3. Pharmacogenetics and pharmacogenomics
4. Calculating medication dosages
5. Principles and methods of medication administration
6. Intravenous medication therapy
7. Medication therapy for paediatric clients
8. Medication therapy for aged-care clients
9. Prevention of medication errors
10. Legal and ethical considerations for medication administration

Section 2: Agents that interfere with microbial growth

11. Antimicrobial therapy and antibacterial agents
12. Antiparasitic, antiviral and antifungal agents

Section 3: Agents used to control pain and inflammation

13. Anaesthetics
14. Analgesics and antipyretics
15. Anti-inflammatory agents
16. Agents used to treat hyperuricemia and gout

Section 4: Agents affecting the nervous system

17. Autonomic nervous system agents
18. Central nervous system sedatives and hypnotics
19. Antidepressant, antipsychotic and mood stabiliser agents
20. Agents used as central nervous system stimulants
21. Agents used to treat Alzheimer's disease
22. Antiparkinson's agents
23. Anticonvulsants
24. Agents used in musculoskeletal disorders
25. Substance abuse

Section 5: Agents used to treat haematological disorders

26. Agents used to treat anaemias
27. Agents affecting blood clotting

Section 6: Agents used to treat cardiovascular disorders

28. Cardiac stimulants and depressants
29. Agents that dilate blood vessels
30. Antihypertensives
31. Diuretics
32. Agents used in the treatment of hyperlipidaemia

Section 7: Agents used to treat respiratory disorders

33. Antihistamines and nasal decongestants
34. Antitussive agents and medications affecting respiratory secretions
35. Bronchodilators and prophylactic respiratory agents

Section 8: Agents used to treat gastrointestinal disorders

36. Vitamins, minerals, and other nutritional agents
37. Agents used to treat hyperacidity and gastro-oesophageal reflux disease
38. Emetics and anti-emetics
39. Laxatives and antidiarrheals

Section 9: Agents used to correct endocrine imbalance

40. Agents affecting thyroid, parathyroid, and pituitary function
41. Agents used to treat hyperglycaemia and hypoglycaemia

Section 10: Agents affecting the reproductive system

42. Sex hormones
43. Agents used in obstetrical care

Section 11: Agents used to treat eye, ear, and skin disorders

44. Agents that affect immunity
45. Agents used in the treatment of cancer

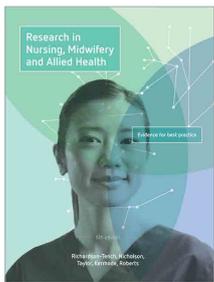
Section 12: Agents used to treat eye, ear and skin disorders

46. Agents used in the treatment of eye disorders
47. Agents used in the treatment of ear disorders
48. Agents used in the treatment of skin disorders

Section 13: Complementary medications

49. Common complementary medications

Appendices
 Glossary



RESEARCH IN NURSING, MIDWIFERY AND ALLIED HEALTH: EVIDENCE FOR BEST PRACTICE, 6E

Richardson-Tench | Nicholson | Taylor | Kermode | Roberts
ISBN: 9780170398565
384 pp | Paperback | eBook | © 2018



Research in Nursing, Midwifery and Allied Health: Evidence for Best Practice provides second- and third-year students with the theory and practical examples to enable them to:

- Understand how research is done
- Critically appraise research papers
- Use evidence from research in clinical practice
- Conduct their own research

Case studies from midwifery and allied health disciplines including nutrition, physiotherapy, and paramedicine, in addition to nursing, make this sixth edition applicable for research students across these curriculums.

Underpinned by evidence-based practice, this concise text uses examples of qualitative and quantitative research methodologies throughout, and ensures that research topics are accessible to students at all levels.

- In-text activities, challenging review questions, diagrams and tips enhance student learning
- Evidence-based practice boxes highlight the importance of applying research to clinical practice, and identify where and how to use research to guide clinical decision making

ADDITIONAL RESOURCES TO SUPPORT YOUR TEACHING

- Test Bank
- Instructor's Manual, including learning objectives, chapter outlines, key points, teaching tips, solutions and more
- Customisable, chapter-by-chapter PowerPoint presentations

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1. Research in nursing and health
2. Framing the research question
3. Finding and reviewing the literature
4. Critical appraisal of research
5. Developing the research proposal
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7. Quantitative data analysis
8. Qualitative research methodologies
9. Collection, management and analysis of qualitative data
10. Mixed methods
11. Interpretations of research findings
12. Disseminating research findings
13. Applying research to practice



MENTAL HEALTH NURSING, 1E

Herchelinskyj | Alexander

ISBN: 9780170387521

560 pp | Paperback | eBook | © 2020



Mental Health Nursing: Applying Theory to Practice is a new Australian text combining a theoretical approach to mental health nursing with clinical reasoning and a practical framework for real-life nursing situations.

Ideal for both clinical and theoretical mental health units, the text was developed with input from consumers and clinicians, and includes the clinical manifestations, impacts, treatment and management of persons suffering from mental illness.

Chapters on “suicide and non-suicidal self-injury” and “mental health first aid” provide detailed coverage of these contemporary mental health issues, while a chapter on Mental State Examination (MSE) comprehensively explores MSE in a style similar to a traditional psychiatry text and in the context of many different mental health conditions, giving students multiple perspectives of presentations.

Critical thinking and review questions challenge students to apply theory to practice, and pharmacology is discussed in each disorder-chapter, helping students to contextualise their learning. With coverage of the Mental Health Act (2014), and criteria from the Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) integrated throughout, the text equips students with a working understanding of major mental health disorders, and the ability to work practically when engaging with persons suffering from mental illness.

- ‘Learning from practice’ vignettes give students the personal context of mental health from a range of perspectives (consumers, families, and clinicians), so that they can learn about mental health from those who have experienced challenging mental health situations, cared for a loved one and or supported a person as a professional clinician
- ‘Clinical Observations’ boxes provide brief, focused examples of a person in a particular context, demonstrating the impact this context would have to the nursing assessment, and the resulting clinical decision. Contexts include rural and remote nursing, paediatrics in the community, residential care, and culturally safe nursing practice
- ‘Nursing care plans’ guide students through the details of an individual’s case and the process of planning care, performing interventions and evaluating outcomes for that individual
- ‘Cultural considerations’ boxes outline potential considerations students need to think about in relation to a patient’s cultural background
- ‘Safety first’ boxes highlight must-know information and help students to identify client health and safety issues as well as the appropriate response to a critical situation
- Case studies link the theory to real-world situations, and summaries, critical thinking and review questions assist in consolidating learning

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Section 1: Underpinnings of mental health nursing

1. Mental health nursing – then and now
2. Theoretical frameworks underpinning practice
3. Ethics, law and mental health nursing practice
4. Treatment modalities utilised in contemporary mental health service delivery
5. Mental health nursing as a therapeutic process
6. Using evidence to guide mental health nursing practice

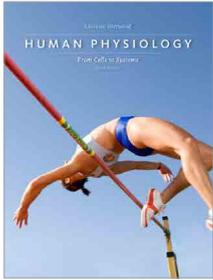
Section 2: The clinical context of practice

7. Assessment and diagnosis
8. Schizophrenia spectrum and other psychotic disorders
9. Bipolar and related disorders
10. Depressive disorders
11. Anxiety disorders
12. Personality disorders
13. Eating disorders
14. Substance-related and addictive disorders
15. Neurodevelopmental disorders
16. Neurocognitive disorders
17. Obsessive compulsive and related disorders
18. Trauma and stress-related disorders
19. Other disorders of clinical interest

Section 3: Contemporary issues in mental health nursing

20. Suicide and non-suicidal self-injury
21. Recovery and resilience in mental health
22. The family’s role in contemporary mental health service delivery
23. The multidisciplinary team
24. Community mental health context
25. Cultural context in practice in Australia
26. Mental health first aid

Glossary



HUMAN PHYSIOLOGY: FROM CELLS TO SYSTEMS, 9E

Sherwood

ISBN: 9781285866932

912 pp | Hardback | eBook | © 2016



Human Physiology: From Cells to Systems uses clear, straightforward language, analogies, and frequent references to everyday experiences to help students learn and relate to physiology concepts. The vibrant art program and empowering digital resources enable students to visualise important concepts and processes.

- Coverage throughout of information based on recent discoveries. Some controversial ideas and hypotheses are presented to illustrate that physiology is a dynamic, changing discipline
- 'Figure-Focus' questions designed to check and promote comprehension ask students to analyse, interpret, infer, and apply the content of 120 key figures
- Blooms-based organisation for end-of-chapter review exercises makes it easier for you to assess your students

Available with MINDTAP

Premium online teaching and learning tools are available on the *MindTap* platform - the personalised eLearning solution.

MindTap Biology for Sherwood's *Human Physiology* is full of innovative resources to support critical thinking and help your students move from memorisation to mastery! Includes:

- Sherwood's *Human Physiology: From Cells to Systems* eBook
- Virtual Physiology Labs, the Aplia homework app and assessments in a customisable learning path that guides your students through your course

MindTap is a premium purchasable eLearning tool. Contact your Cengage learning consultant to find out how *MindTap* can transform your course.

ADDITIONAL RESOURCES TO SUPPORT YOUR TEACHING

- Instructor's Manual
- Test Bank
- Customisable, chapter-by-chapter PowerPoint presentations
- Digital files of graphs, tables, pictures and flow charts from the text

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2. Cell physiology
3. The plasma membrane and membrane potential
4. Principles of neural and hormonal communication
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6. The peripheral nervous system: afferent division; special senses
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9. Cardiac physiology
10. The blood vessels and blood pressure
11. The blood
12. Body defenses
13. The respiratory system
14. The urinary system
15. Fluid and acid-base balance
16. The digestive system
17. Energy balance and temperature regulation
18. Principles of Endocrinology; the central endocrine glands
19. The peripheral endocrine glands
20. The reproductive system

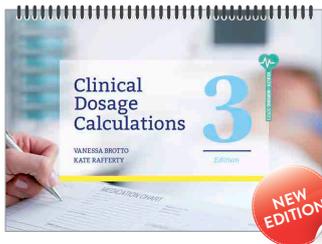
Appendix: A review of chemical principles

Appendix: Text references to exercise physiology

Appendix: Answers to check your understanding, end-of-chapter objective questions, quantitative exercises, points to ponder, and clinical considerations

Glossary

DOSAGE CALCULATIONS



CLINICAL DOSAGE CALCULATIONS, 3E

Brotto | Rafferty
ISBN: 9780170423694
292 pp | Spiral bound | eBook | © 2020



Clinical Dosage Calculations is a locally written, full-colour text covering the important aspects of dosage calculations that students require to perform this essential part of clinical practice. An applied skills-focused text, Brotto uses real-life cases, worked examples and real medication charts and labels to engage students.

Using a scaffolded approach to learning, the text starts with fundamental maths and familiarises students with medication charts and labels, then moves on to specialist area chapters, allowing learners to deepen their skills in a clinical context. Students engage in the activities of each chapter as an introduction to the concept before moving onto the final chapter where they can test their overall knowledge.

New, print versions of this textbook come with bonus online study tools on the *Got it! Dosage Calculations* platform.

NEW TO THIS EDITION

- New end-of-chapter study tools include answers to all practice questions
- New medication labels
- New medication charts, including the national residential medication chart
- Updated descriptions of how to divide decimals and converting decimals to fractions

HAVE YOUR STUDENTS GOT IT?

Got it! Dosage Calculations is an online revision platform that enables students to practice and check their understanding of the key concepts.

Ranging from basic arithmetic to more complex calculations of medications, this digital study tool is fun and easy to use.



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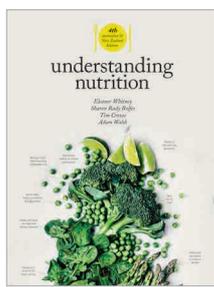
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NUTRITION



UNDERSTANDING NUTRITION, 4E

Whitney | Rolfes |
Crowe | Walsh
ISBN: 9780170424431
856 pp | Paperback |
eBook | © 2020



Building upon Ellie Whitney and Sharon Rolfes' classic text, this fourth Australian and New Zealand edition of *Understanding Nutrition* is a practical and engaging introduction to the core principles of nutrition. With its focus on Australia and New Zealand, the text incorporates current nutrition guidelines, recommendations and public health nutrition issues relevant to those studying and working in nutrition in this region of the world. A thorough introductory guide, this market-leading text equips students with the knowledge and skills required to optimise health and wellbeing.

The text begins with core nutrition topics, such as diet planning, macronutrients, vitamins and minerals, and follows with chapters on diet and health, fitness, life span nutrition and food safety. Praised for its consistent level and readability, careful explanations of all key topics (including energy metabolism and other complex processes), this is a book that connects with students, engaging them as it teaches them the basic concepts and applications of nutrition.

NEW TO THIS EDITION

- New in-text learning objectives (reorganised from 'Learn it' in previous editions)
- New content covered in end-of-chapter highlights including current research, public health campaigns (e.g. sugar tax), circadian rhythms and dietary dysregulation, and food security

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