

Advanced Pharmacology for Prescribers

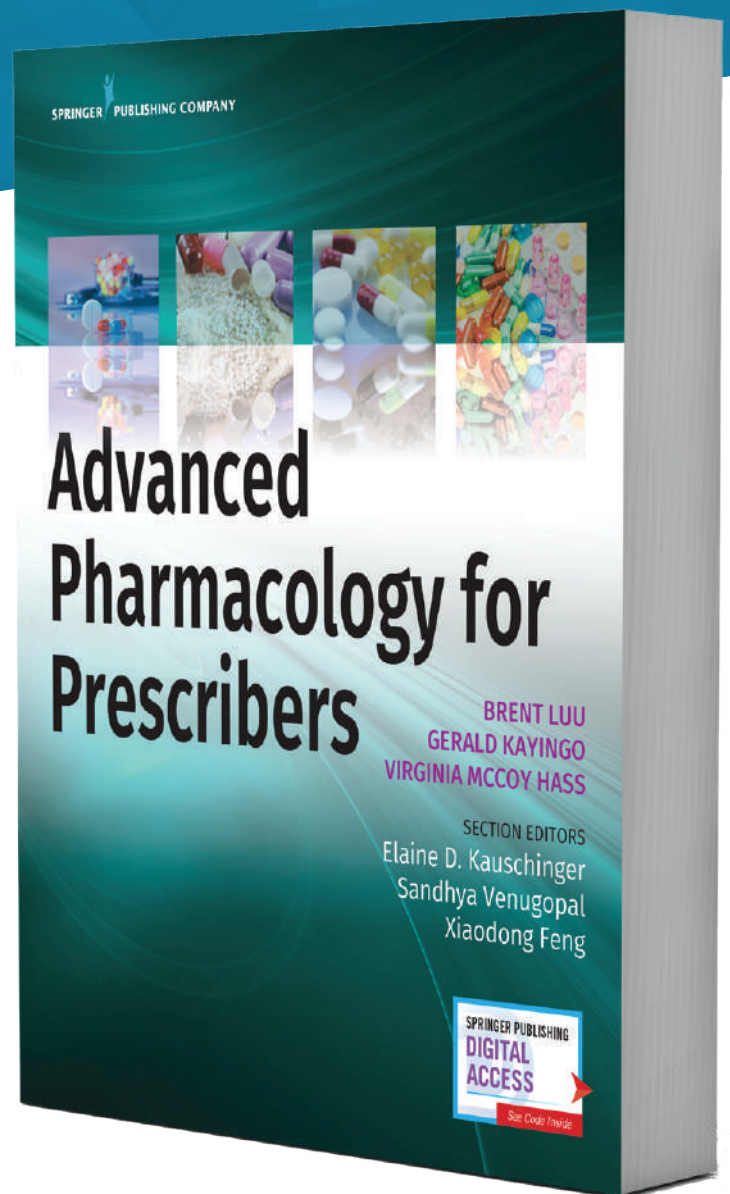
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Gerald Kayingo PhD, MMSc, PA-C

Virginia McCoy Hass, DNP, MSN, RN, FNP-C, PA-C

Delivers the critical information primary care providers need to be thoroughly informed prescribers.

This unique resource—an evidence-based pharmacology text and reference for advanced practice students and clinicians—guides users in analyzing the pharmacological foundations of drug therapy and fosters the development of sound clinical judgment in determining the appropriate medication for every patient across the life span. Targeting the specific needs of APRN and PA students and clinicians, the text is a “bridge” between standard, lengthy pharmacology texts and quick pocket references that lack information regarding key pharmacotherapeutic principles.



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MEET THE EDITORS



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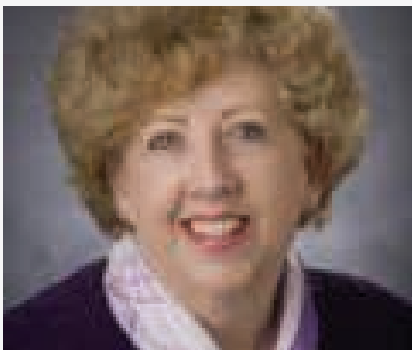
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JOINED BY A MULTIDISCIPLINARY TEAM OF EXPERT SECTION EDITORS!



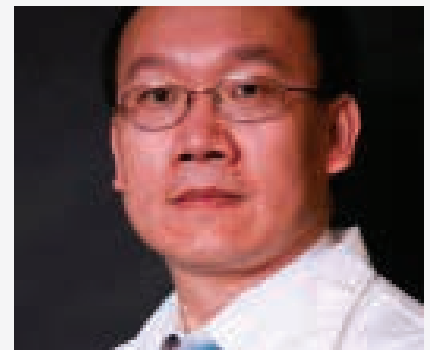
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ABOUT THE TEXT

Featuring an applied therapeutic approach to major disorders and their pharmacologic treatment, this text examines how medications act on the body and vice versa, while teaching the rationale for using specific therapeutic agents or drug classes.

More than
200 tables with
comprehensive
prescribing
details!



CASE EXEMPLAR: Patient with COVID-19

MS, a 56-year-old black male with multiple comorbidities presents with coronavirus 2019 (COVID-19). He has known stage 4 renal insufficiency and takes multiple medications for his various medical conditions.

Past Medical History

- Obesity
- Type 2 diabetes mellitus
- Hypertension

Physical Examination

- Height: 5'11"; weight: 232 lbs; blood pressure: 152/102; pulse: 102; respiration rate: 24; temperature: 103.6 °F

Labs

- Consistent with dehydration and marked systemic inflammation
- Liver function: consistent with low-grade nonviral hepatitis
- Glomerular filtration rate: 20 mL/min/1.73 m² (estimated)
- Blood sugar (random): 181 mg/dL
- Serum creatinine: 5.2 mg/dL

Next Step

MS is admitted to the hospital for treatment with systemic corticosteroids, antiviral agents, and hydroxychloroquine.

Discussion Questions

1. What baseline medical problems are impacting this patient's pharmacokinetic and pharmacodynamic profile?
2. What acute medical problems will impact on the dosage requirements for treating COVID-19?
3. What problems will MS's proposed treatment cause for his underlying and acute medical conditions?

More than
140 case studies
with discussion
questions!

Chapter Features Include

General
principles of
pharmaco-
therapeutics

Alterations
in prescribing
based upon
comorbid
disease

Evidence-based
prescribing

Prescribing
across the
life span

PREMIUM EDUCATOR RESOURCES

Includes Full Instructor Resource Package

Instructor
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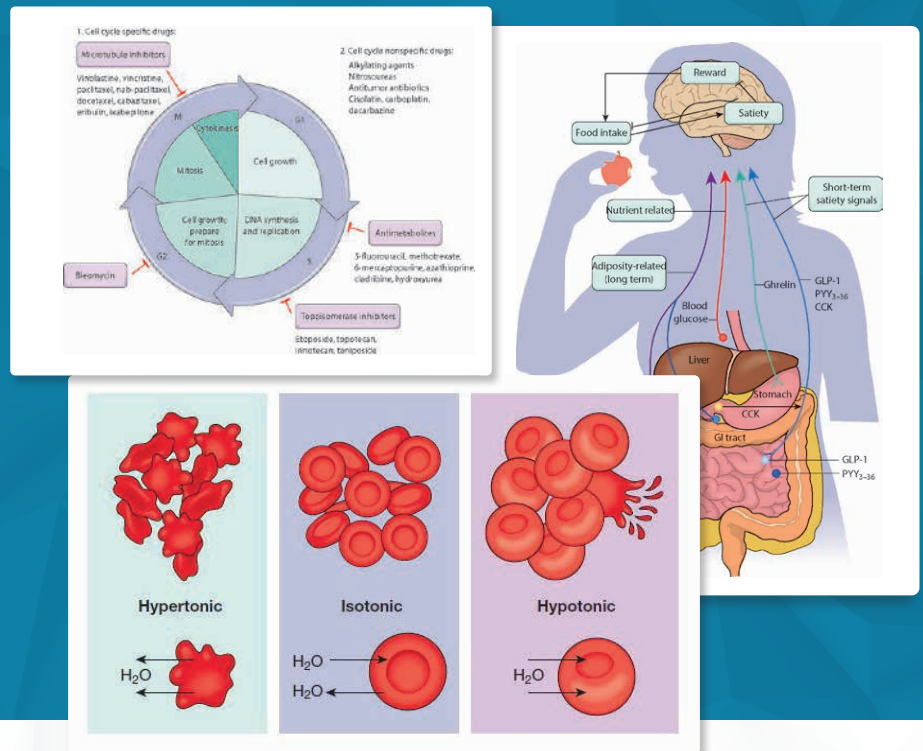
Test Bank

Chapter
PowerPoints

Image Bank

Figures &
Tables

Figures facilitate understanding of key principles and concepts.



Which of the following is the most appropriate therapeutic recommendation for the treatment of diabetes mellitus type 2 in a pregnant patient?

- A. Semaglutide
- B. Canagliflozin
- C. Sitagliptin
- D. Insulin detemir

The test bank features 400 multiple-choice questions based on content within each chapter. Includes recall, application-based, and high-level analysis questions that require critical thinking.

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- Chapter 8:** Foundations of Prescription Writing
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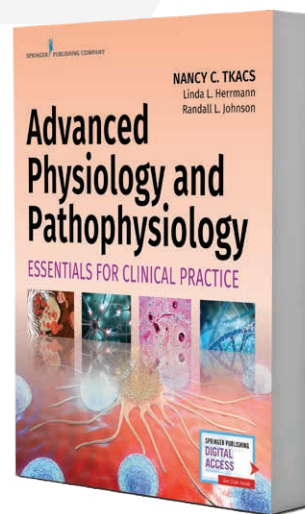
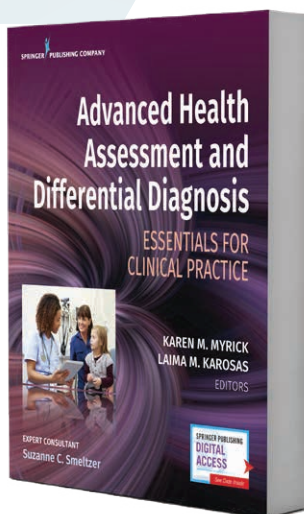
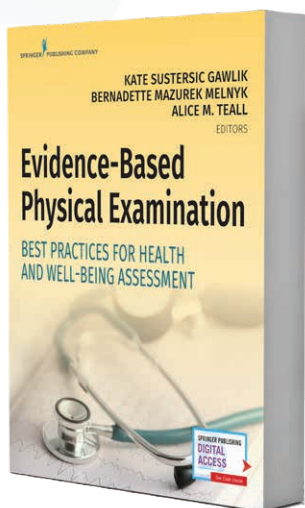
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POWER THROUGH THE 3PS

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Evidence-Based Physical Examination

Best Practices for Health and Well-Being Assessment

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The first book to teach physical assessment techniques based on evidence and clinical relevance.

Grounded in an empirical approach to history-taking and physical assessment techniques, this text for advanced practice clinicians and students focuses on patient well-being and health promotion. It is based on analysis of current evidence and up-to-date guidelines and recommendations and underscores the evidence, acceptability, and clinical relevance behind physical assessment techniques.

Advanced Health Assessment and Differential Diagnosis

Essentials for Clinical Practice

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The first textbook to specifically target the scope of practice for advanced practice providers

With a focus on promoting sound clinical decision-making and a streamlined and highly accessible approach, this text for advanced practice nurses and physician assistants delivers up-to-date primary care health assessment techniques for individuals throughout the life span. Each chapter offers a concise overview of anatomy and physiology and an in-depth review of normal and abnormal findings.

Advanced Physiology and Pathophysiology

Essentials for Clinical Practice

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Randall Johnson PhD, RN

Specifically designed for future health care providers who will diagnose, manage, and prescribe

This advanced text is designed to address the specific learning needs of future nurse practitioners, physician assistants, and other advanced health care providers caring for patients across the life span. Focusing on practical applications of physiology, it facilitates in-depth understanding of important pathophysiological concepts as they relate to major disorders commonly seen in clinical practice.