

TRANSITION GUIDE TO

Phlebotomy Essentials

EIGHTH EDITION



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Paperback with Navigate Premier Access

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Navigate Premier Access only

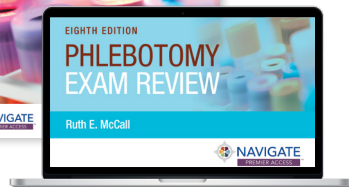
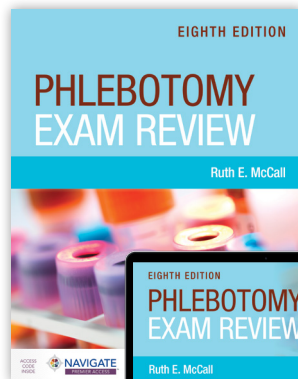
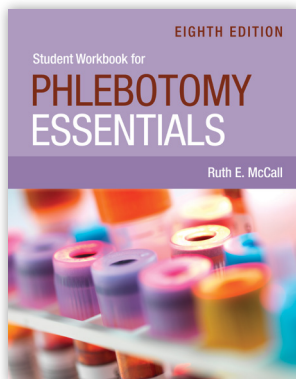
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This transition guide serves to outline the chapter and content updates in ***Phlebotomy Essentials, Eighth Edition***.

OUTSTANDING FEATURES

- Complete program-integration of textbook, workbook and exam review products working **together as a complete learning system for optimal student outcomes:**
 - ***Phlebotomy Essentials, Eighth Edition with Navigate Premier Access***
 - ***Student Workbook for Phlebotomy Essentials, Eighth Edition***
 - ***Phlebotomy Exam Review, Eighth Edition with Navigate Premier Access***
- Updated to **current CLSI guidelines**.
- All data updated and references to **current sources** added throughout.
- TestPrep alerts throughout the textbook share current statistics on which questions students typically get wrong, and why.
- Language updated throughout to **gender-neutral** approach.
- Map of NAACLS Standards – where **each competency** is covered
- Certification Test Plan Alignment Map, including:
 - American Medical Technologists (AMT) - Registered Phlebotomy Technician
 - American Society for Clinical Pathology (ASCP) - Phlebotomy Technician
 - National Healthcareer Association (NHA) - Certified Phlebotomy Technician
 - National Center for Competency Testing (NCCT) - National Certified Phlebotomy Technician

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REVISION UPDATES

UNIT 1 The Healthcare Setting

Chapter 1 Phlebotomy: Past and Present and the Healthcare Setting

Sections added on expression of gender identity, expression, and pronouns; urinalysis. Revised section on empathy. Updated information on certification, licensure, and continuing education; HMOs and PPOs; AHA chains of survival. Added content on chemistry specimen tubes, coagulation tests, blood cultures.

Chapter 2 Quality Assurance and Legal Issues in Healthcare

General updates throughout.

Chapter 3 Infection Control, Safety, First Aid, and Personal Wellness

NEW section: Global Spread of Disease. Added content on C. diff, MRSA, enterococcus; HICPAC guidelines for hand hygiene; hands-only CPR. Updated information on vaccination recommendations for healthcare workers, including for COVID-19.

UNIT 2 Overview of the Human Body

Chapter 4 Medical Terminology

Updated to current Joint Commission Do-Not-Use list.

Chapter 5 Human Anatomy and Physiology Review

Revised information on EPO and renin. Added content on oliguria and polyuria.

Chapter 6 The Circulatory System

Added section: Infant Scalp Veins. Added content on arterial blood; plasma samples.

UNIT 3 Blood Collection Procedures

Chapter 7 Blood Collection Equipment, Additives, and Order of Draw

Added content on cell preparation tubes; heparin formulations; silicon coating.

Chapter 8 Venipuncture Procedures

Added content on gender identity, use of bedrails.

Chapter 9 Preexamination/Preanalytical Considerations

Added content on exercise before blood tests.

Chapter 10 Capillary Puncture Equipment, Principles and Procedures

Added section: Capillary Puncture Risks. Added content on positioning children; heel punctures; capillary site selection precautions. Updated procedures throughout. Revised section on neonatal/newborn screening; federal screening recommendations.

UNIT 4 Special Procedures

Chapter 11 Special Collections and Point-of-Care Testing

Added content on Steripath® Initial Specimen Diversion Device® (ISDD®), i-STAT Chem8+ Cartridge, direct inoculation, 2022 CLSI procedure for syringe inoculation. New sections: Specimen Transportation; Venous Blood Gases. Updated content on clinical molecular diagnostic uses to include COVID-19, ancestry tracing, and others.

Chapter 12 Computers and Specimen Handling and Processing

Revised to reflect current technology (tablets, data networks, cloud computing, connectivity, etc).

Chapter 13 Urine and Other Nonblood Specimens and Tests

NEW section and procedure: Nasal Swabs for COVID-19 Tests. Added content on ova and parasite testing.

Chapter 14 Arterial Puncture Procedures

NEW section: Infection.

Appendix C

Revised to include phrases related to COVID-19.

Appendix D

Revised to include work restrictions related to COVID-19.

Appendix E

Updated to new edition review question and case study answers.

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STUDENT DIGITAL RESOURCES

- Interactive eBook, containing:
 - **NEW!** eBook Knowledge Check Questions
 - **NEW!** eBook Quizzes
 - Videos
 - Animations—including sophisticated NEW animations from Biodigital!
 - **NEW!** Audio pronunciations
 - Procedure Evaluation Sheets
- TestPrep
- Health Professions Math Review Module
- Critical Thinking Questions
- Open Educational Resources
- Flashcards
- Learning Objectives
- Memory Jogger
 - Included on inside back cover of printed textbook, and also digitally in the Navigate course
 - Covers the order of draw, and important vascular anatomy

INSTRUCTOR RESOURCES

- Slides in PowerPoint format
- Lesson Plans
- **NEW!** Teaching Tips
- **NEW!** Lecture Outlines
- Test bank
 - Tagged to NAACLS competencies, learning objectives, and Bloom's taxonomy.
 - Also available in LMS-compatible formats
- Forms
- Pre/Post-Test
- Answer Key to Pre/Post-Test
- Answer Key to Student Workbook
- Answer Key to Critical Thinking Questions
- Answer Key to Review Questions and Case Studies
- Sample Syllabus
- Image bank