

2023-2024



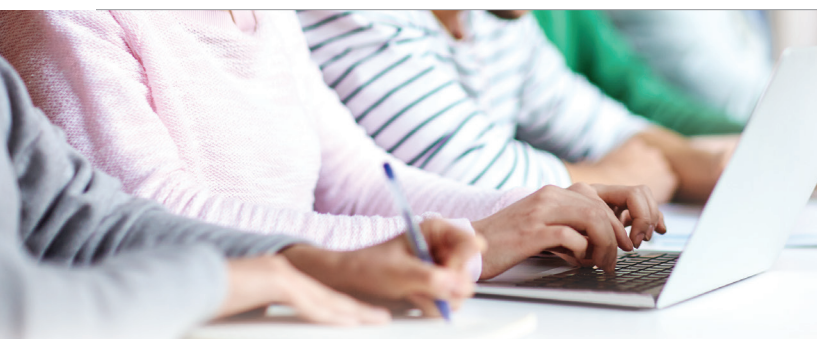
Medical Laboratory Science





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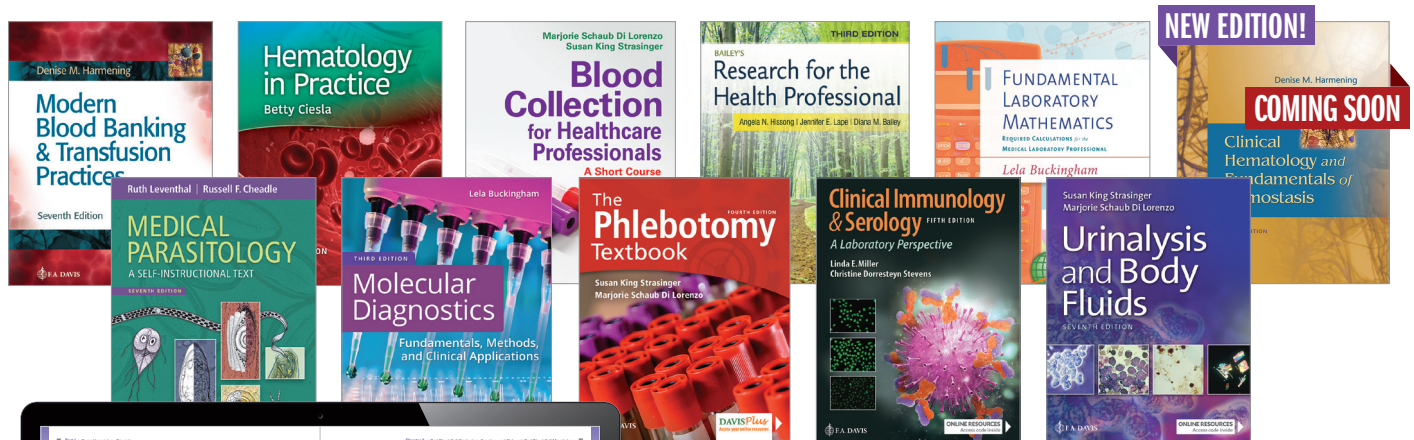
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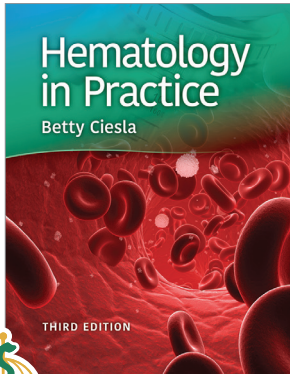
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HEMATOLOGY



Resources on
FADavis.com

432 pages | 231 illustrations
Hard cover | 2019

\$118.95 (US)
ISBN-13: 978-0-8036-6824-9

Hematology In Practice, 3rd Edition

Betty Ciesla, MS, MT(ASCP) SH^{CM}

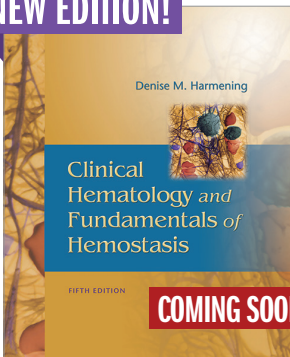
Basic principles of hematology made memorable.

A unique visual language simplifies practical laboratory principles and procedures into easy-to-follow, manageable sections. Your students will begin with the basic principles of hematology; discover red and white blood cell disorders; journey through hemostasis and disorders of coagulation; and then explore the procedures needed in the laboratory.

- The acute leukemia and myeloproliferative chapters reflect World Health Organization (WHO) categories.
- Student “Alerts” highlight critical values and other important information that students must be able to recognize in the laboratory.
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NEW EDITION!



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Instructor

- eBook
- Instructor’s Guide
- Image Bank
- Test Bank
- PowerPoints
- Case Studies
- Laboratory Procedures

Student

- Case Studies
- Laboratory Procedures

Clinical Hematology and Fundamentals of Hemostasis, 6th Edition

Denise M. Harmening, PhD, MT(ASCP)

Redesigned to meet the needs of today’s medical laboratory science programs

This classic text masterfully presents the basic principles of hematology and the fundamentals of hemostasis.

A full-color text, lab manual & atlas—all in one!

- **NEW!** Critical-Thinking Questions interspersed within chapters encourage students to assess their understanding of the content.
- **NEW!** Glossary terms appear in bold and acronyms are spelled out the first time they are used.
- **NEW & UPDATED!** Laboratory methods for routine hematology tests, coagulation, automated differential analysis, flow cytometry, and more appear in the book with detailed, step-by-step instructions online for maximum flexibility.
- **NEW!** “Advanced Concept” boxes designate content that is higher level for many medical laboratory programs, such as treatment-oriented information.
- More than 900 full-color illustrations, diagrams, charts, and boxes help students master difficult concepts and procedures.
- “Summary Charts” collect critical points from the chapters to serve as a review tool.
- “Case Studies” present realistic scenarios and include questions regarding interpretation of laboratory findings to promote critical thinking.
- Review Questions assess mastery of the Learning Objectives.



AVAILABLE NOW!
Clinical Hematology and Fundamentals of Hemostasis, 5th Edition

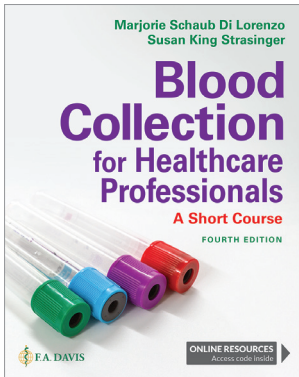
\$172.95 (US) | ISBN-13: 978-0-8036-1732-2



My lifeline. “Without this book learning hematology would and could have been so much harder.”

—Online Student Reviewer

PHLEBOTOMY



288 pages | 207 Illustrations
Soft cover | 2022
\$59.95 (US)
ISBN-13: 978-1-7196-4599-7



Instructor

- eBook
- Instructor's Resource Guide
- Test Bank & Image Bank
- PowerPoints
- Videos
- Animations
- Quiz Show PowerPoints
- Comprehensive Practice Exam

Student

- Videos
- Animations

Blood Collection for Healthcare Professionals, A Short Course, 4th Edition

Marjorie Di Lorenzo, MT(ASCP)SH
Susan King Strasinger, DA, MT(ASCP)

Perfect for a short module on phlebotomy

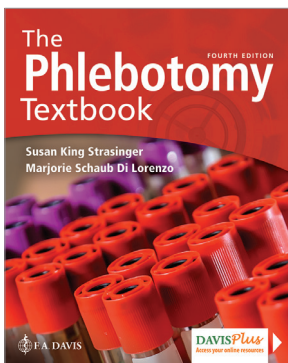
Here's "to-the-point" instruction on the whys and hows of blood collection techniques. Case Studies throughout the text challenge students to apply knowledge to realistic patient situations, while videos online at FADavis.com demonstrate proper techniques.

- **NEW & UPDATED!** Content aligned with the latest CLSI standards and revised to reflect science and practice today
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- Full-color photographs and drawings that show procedural steps and critical anatomy
- Venipuncture, dermal puncture, and special collections, including from vascular access devices as well as order of draw, vein selection and alternate sites
- Guide to collection tubes and additives
- Test-specific collection and handling guidelines as well as how to address complications and troubleshooting



I like this book because it's easy to work with and explain[s] in simple form.
"Great book for short-term training, it's perfect."

—Lisa W., Online Reviewer



552 pages | 435 illustrations
Soft cover | 2019
\$83.95 (US)
ISBN-13: 978-0-8036-6842-3

The Phlebotomy Textbook, 4th Edition

Susan King Strasinger, DA, MT(ASCP)
Marjorie Schaub Di Lorenzo, MT(ASCP)SH

Whys & hows to safely obtain quality samples.

Make important concepts easy to understand with a friendly, narrative writing style, over 400 images, and clinical situations to encourage critical thinking. Integrates theory and procedures with a focus on pre-examination variables and safety procedures.

- Online video library that includes point-of-care testing, venipuncture and dermal puncture procedures, and safety
- Visual reinforcement through boxes, tables, highlighted technical and safety tips, alerts, and pre-examination considerations



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- eBook
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- PowerPoints
- Procedural Videos
- Animations

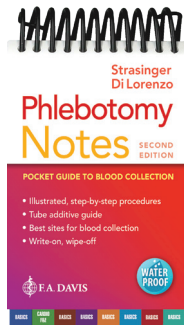
Student

- Procedural Videos
- Animations



PHLEBOTOMY

Great resource to recommend to your students!



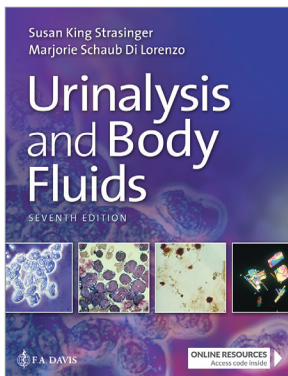
VERY HELPFUL & CONVENIENT!!

“This handbook is great, there’s pictures and it’s all straight to the point. Easy to read and understand! Also can fit in your scrubs pocket or back pocket!”

—Krystina, Online Reviewer

\$41.95 (US) | ISBN-13: 978-0-8036-7565-0

URINALYSIS



432 pages | 1,577 illustrations
Soft cover | 2021

\$82.95 (US)
ISBN-13: 978-0-8036-7582-7



Instructor

- eBook
- Instructor’s Guide
- Image Bank & Test Bank
- PowerPoints

Student

- Case Studies
- Online Review Questions
- Interactive Exercises
- Videos with Questions
- Animations

Urinalysis and Body Fluids, 7th Edition

Susan King Strasinger, DA, MT(ASCP)
Marjorie Schaub Di Lorenzo, MT(ASCP)SH



**The classic text with current, comprehensive guidance—
now with more full-color images**

Give your students the theoretical and practical knowledge they need to confidently handle and analyze non-blood body fluids, and to keep themselves and their laboratory safe from infectious agents.

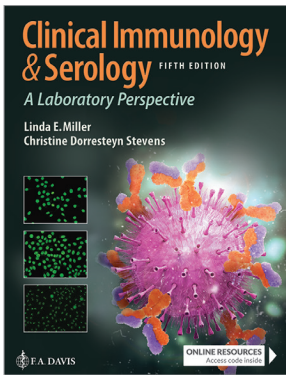
- **BRAND NEW!** *Atlas of Urinalysis and Body Fluids* at the beginning of the book
- **NEW & UPDATED!** Art program featuring new slides and drawings
- **NEW CHAPTERS!** *Urine and Body Fluids Analysis Automation* and *Bronchoalveolar Lavage Fluid*
- **UPDATED & REVISED!** Reflecting the new information and new testing procedures that are important in this rapidly changing field.
- Case studies and clinical situations promote problem-solving and critical-thinking skills.
- Study questions in each chapter emulate questions on the national ASCP examination.



Helpful and useful. *“Excellent book! Very helpful. The images were spot on and the descriptions were easy to read. I recommend for any body fluids class.”*

—Felicia W., Online Student Reviewer

IMMUNOLOGY



648 pages | 231 illustrations
Soft cover | 2021

\$104.95 (US)
ISBN-13: 978-0-8036-9440-8

Clinical Immunology and Serology A Laboratory Perspective, 5th Edition

Linda E. Miller, PhD, I, MB^{CM}(ASCP)SI
Christine Dorresteyn Stevens, EdD, MT(ASCP)

Practical. Easy to read. Student friendly.

This practical introduction to clinical immunology covers the essential theoretical principles and the serology techniques most commonly used in the laboratory.

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- Chapters on *Innate Immunity, Adaptive Immunity, and Immunizations and Vaccines*



Great immunology book! “This book is very detailed but also very well explained. Overall, a must-have to anyone in an immunology class.”

—Online Student Reviewer

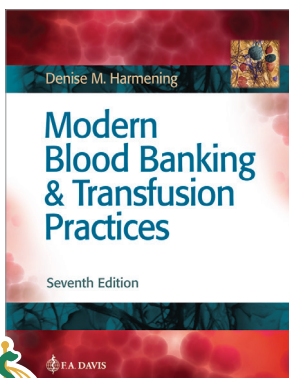


Instructor

- eBook
- Instructor's Guide
- Image Bank & Test Bank
- PowerPoints
- Lab Exercises
- Branching Case Studies

Student

- Lab Exercises
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- COVID-19 Update



688 pages | 310 illustrations
Hard cover | 2019

\$146.95 (US)
ISBN-13: 978-0-8036-6888-1

Modern Blood Banking & Transfusion Practices, 7th Edition

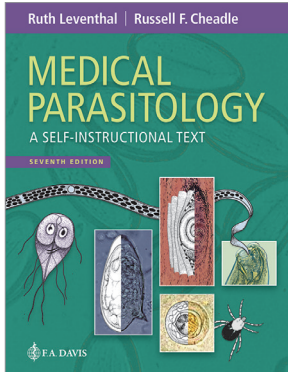
Denise M. Harmening, PhD, MT(ASCP)

The perfect balance of theory & practice.

Building from a review of the basic sciences to the how and why of clinical practice, this popular text continues to set the standard for developing a comprehensive understanding of modern routine blood banking and transfusion practices.



MICROBIOLOGY



312 pages | Soft cover | 2020
\$86.95 (US)
ISBN-13: 978-0-8036-7579-7



Instructor

- eBook
- Instructor's Guide
- PowerPoints
- Test Bank & Image Bank
- Audio Pronunciations

Medical Parasitology

A Self-Instructional Text, 7th Edition

Ruth Leventhal, PhD, MBA, MLS(ASCP)
Russell F. Cheadle, MS, MLS(ASCP)

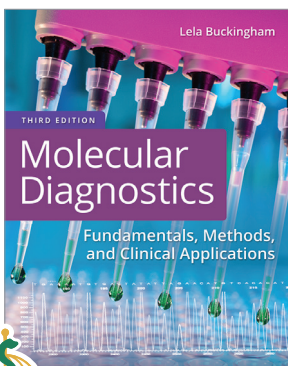


Diagnostically important parasites in a concise format

This classic text presents a systematic introduction to the biology and epidemiology of human parasitic disease. Detailed drawings and color photographs help students learn to recognize the diagnostic stages of parasites, to understand their life cycles, and to correlate the parasite with the diseases they cause. Within each chapter, case studies with application questions, short-answer review questions, multiple-choice questions, and other pedagogical methods help students learn the content and apply it to laboratory practice.

- New organization of protozoa! Four shorter chapters, one for each of the major protozoan groups: Amoebida, Intestinal Flagellates and Ciliates, the Hemoflagellates *Trypanosoma spp.* and *Leishmania spp.*, and Sporozoa
- Expanded art program including photos of common artifacts, blood parasites, and arthropods
- New information on parasites that have become medically relevant, such as *Plasmodium knowlesi* and the Asian tick
- Updated coverage of the symptomatology, pathology, and treatment of parasitic diseases
- Updated laboratory procedures to conform to current quality control standards
- Enhanced Instructor resources online to help you engage students and encourage critical thinking

MOLECULAR DIAGNOSTICS



576 pages | 386 illustrations
Soft cover | 2019
\$88.95 (US)
ISBN-13: 978-0-8036-6829-4

Molecular Diagnostics

Fundamentals, Methods & Clinical Applications,
3rd Edition

Lela Buckingham, PhD, MB(ASCP), DLM(ASCP)



Clinical application of molecular concepts

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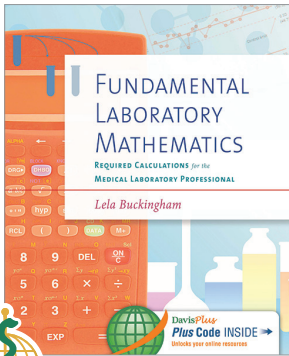
- Expanded discussion of nucleic acid sequencing, with added emphasis on next generation sequencing (NGS)
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The only book you need to become certified! "Excellent book, full of details and clinical information. In addition, it describes very complex concepts in a very easy way to understand including comprehensive diagrams."

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MATH



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352 pages | 30 illustrations
eBook only | 2014

\$50.95 (US)

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Fundamental Laboratory Mathematics

Required Calculations for the
Medical Laboratory Professional

Lela Buckingham, PhD, MB(ASCP), DLM(ASCP)



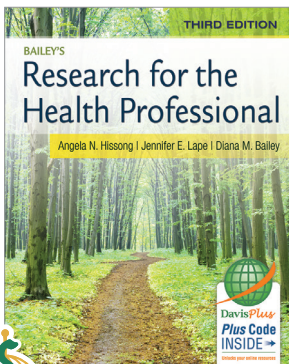
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Angela N. Hissong, DEd, OTR/L, CMCP, CMMT
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Question 2. In persons who have insulin-dependent (type 1) diabetes mellitus not well regulated by medication, which urine test besides glucose will most likely be abnormal?

- 1. Bilirubin
- 2. Blood
- 3. Ketone
- 4. Urobilinogen

Rationales provide students with immediate feedback for on-the-spot remediation that explains why their responses are correct or incorrect.

Questions provide the additional practice students need to master must-know content while building exam confidence.

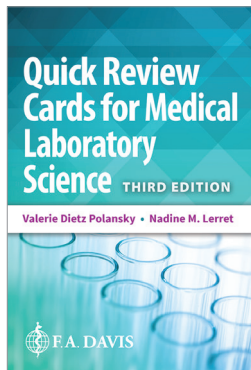
- 1. Bilirubin
- 2. Blood
- 3. Ketone
- 4. Urobilinogen

Rationales

- Option 1:** Incorrect. Bilirubin is not directly affected by diabetes mellitus and will not cause an increase in urine.
- Option 2:** Incorrect. Blood is not directly affected by diabetes mellitus and will not cause an increase in urine.
- Option 3:** Correct. Ketones are produced in diabetes mellitus due to the need for fat metabolism and will be present in the urine.
- Option 4:** Incorrect. Urobilinogen is not directly affected by diabetes mellitus and will not cause an increase in urine.

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COURSE REVIEW & EXAM PREP



Quick Review Cards for Medical Laboratory Science, 3rd Edition

Valerie Polanksy, MEd, MLS(ASCP) | Nadine M. Lerret, Ph.D., MLS(ASCP)^{CM}

A complete study guide!

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335 cards
111 illustrations
2022
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Instructor

- eBook



Perfect for BOC Review. "These cards perfectly summarize all of my courses and need-to-know info for my BOC."

—Morgan N., Online Reviewer

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