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Quick Guide to Coagulation Testing, 2nd Ed.

Marisa B. Marques and George A. Fritsma

2009, ~105 pages, spiral binding
ISBN 9781594250958
Product # 5644

Price only $20; AACC Member $16

The Quick Guide to Coagulation Testing, Second Edition, is a quick-access, readily available pocket reference for health practitioners who order, collect, perform, or interpret hemostasis laboratory test results or administer hemostasis-related therapy.

The Guide outlines the most common hemorrhagic and thrombotic conditions together with their respective assays to emphasize correct laboratory evaluation. Treatment discussions include the prophylactic and therapeutic application of non-biological, synthetic, and human blood-derived components to control bleeding, and the use of antithrombotics designed to prevent or resolve arterial and venous occlusions. The emphasis is on proper dosing and valid laboratory monitoring of hemostatic therapy.

New to the second edition is a series of introductory-reference tables summarizing hemostasis assays for various conditions with their reference intervals, and when applicable, therapeutic ranges. The discussion of platelet and coagulation physiology is expanded, platelet function testing is detailed, and new antithrombotic therapies are described with therapeutic monitoring recommendations. All portions of the second edition have been enhanced to reflect current international practice standards.

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Now Available from AACC Press!

Applying Evidence-Based Laboratory Medicine: A Step-by-Step Guide

Christopher P. Price, Joanne Lozar Glenn, and Robert H. Christenson

Published 2009,
270 pages, softcover,
ISBN 9781594250897,
Product #5175

Price only $70; AACC Member $58

This workbook offers a step-by-step guide to applying the principles of evidence-based laboratory medicine (EBLM) in routine practice.

The term “evidence-based” is increasingly becoming part of the language in the practice of clinical medicine, and in laboratory medicine. In laboratory medicine, it is also becoming clear that the “evidence” differs somewhat from that on which the specialty was founded. The foundation of laboratory medicine is an understanding of the molecular mechanisms that describe the pathology of disease, but in applying this knowledge to patient care, the emphasis moves from understanding disease mechanisms to improving health outcomes.

By applying EBLM to daily practice, laboratory professionals can
• Ensure appropriate use of tests at the requesting, decision-making, and application phases.
• Make the business case for implementing new diagnostic tools and strategies that meet clinical needs.
• Become full members of the clinical team and take an important role in implementing change.

The key is understanding the question being asked—and then applying the EBLM A5 Cycle: Ask, Acquire, Appraise, Apply, Assess.

This workbook walks readers through this process by providing a wide range of case studies that illustrate applications of EBLM in routine laboratory practice. Readers are then encouraged to record their own examples, consider how they might be addressed using the principles of EBLM, formulate research questions, and then follow those questions to their evidence-based solutions.

Throughout the text, sidebars and exercises offer additional helpful information and highlight key concepts. Whether used alone or with colleagues, this workbook provides the knowledge and practice that will give readers confidence that they are indeed learning how to apply the best available scientific evidence to diagnostic challenges, and in the process, playing a central role in patient care.

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Personalized Medicine in Oncology and the Management of Chemotherapeutics

September 23-24, 2009
Sheraton Baltimore City Center, Baltimore, Maryland

Designed by the AACC Therapeutic Drug Monitoring and Toxicology Division, in cooperation with the American Society of Clinical Oncology®, this meeting reviews current approaches to personalized medicine in oncology, and discusses new and promising developments in this area. In addition to case-based discussions from experts, participants will hear regulatory and payer perspectives on personalized medicine.

Why you should attend this conference

Created with physicians, clinicians, and health care researchers in the field of oncology in mind, this meeting discusses the role of therapeutic drug monitoring and pharmacogenomics in management of chemotherapy as well as the current obstacles for implementation of personalized medicine in oncology. It also identifies opportunities for utilization of laboratory support in optimization of chemotherapeutic regimens and addresses the need for multidisciplinary support (laboratorian, clinician, pharmacist) to achieve personalized medicine in oncology.

Five conference sessions:
- 5-Fluorouracil and Capecitabine
- Tyrosine Kinase Inhibitors and CML
- Therapeutic Antibodies in Cancer Treatment
- Adjuvant Chemotherapy in Breast Cancer
- EGFR Inhibitors

Each session discusses case studies, current treatment paradigms, and how to improve tools for personalized medicine.

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Molecular Pathology Essentials:
Diagnosis and Targeted Therapy

October 1-2, 2009
Scandic Copenhagen Hotel
Copenhagen, Denmark

This course will feature presentations on the essential knowledge and current practice of clinical molecular pathology, with an emphasis on diagnosis and targeted therapy.

Those who “must attend” this program include laboratory medicine doctors, clinical chemists, clinical pathologists, anatomic pathologists, geneticists, industry professionals, and others who seek a better understanding of molecular testing methods and their clinical applications.

The Scandic Copenhagen Hotel is conveniently located to several of Copenhagen’s main attractions, including Tivoli Gardens, the old port of Nyhavn, and the Little Mermaid statue. The Copenhagen Airport is just 10.0 kilometers (approx. 6 miles) from the hotel.

Program Schedule*

Thursday, October 1:
• Genetic Principles
• Genetic Testing
• Genetics of complex diseases
• Pharmacogenetics
• Laboratory management and regulatory issues

Friday, October 2:
• Molecular pathology of cancers
• Lymphoid and myeloid neoplasms
• Markers for targeted therapy
• Circulating tumor cells and nucleic acids
• Future trends in molecular diagnostics

*Program is subject to change

This program is being presented by:
The American Association for Clinical Chemistry (AACC)
The Association for Clinical Biochemistry (ACB)
The Association for Molecular Pathology (AMP)
The Danish Society for Clinical Biochemistry (DSKB)

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The FilmArray – Sample in, Results out.
Weathering the Storm: Surviving and Succeeding in Today’s Economy

AACC’s Executive Thought Leadership Series
Solely Supported by Siemens Healthcare Diagnostics

Wednesday, June 24, 2009  2:00–3:00 pm Eastern U.S. Time

Yogi Berra’s famous line, “The future ain’t what it used to be,” aptly describes what many lab and hospital administrators feel today as they struggle to make ends meet in an economy that’s turned upside-down. Budgets are being stretched to their limits, and with unemployment reaching record highs, the ranks of the uninsured and underinsured are increasing—a trend that adversely affects reimbursement for all health care providers.

On many fronts, the economic news is discouraging, but that doesn’t mean the future is bleak. It just “ain’t what it used to be”... In times like these, good leaders adjust, look for the opportunities among the challenges, and develop innovative ways to solve the problems at hand.

During this one-hour webinar, two executives from Henry Ford Health System—an organization known for its innovation in caring for a population that’s endured great economic difficulties—will share what they’ve learned about how to “weather” an economic downturn.

Attend this informative webinar and learn:
✓ Strategies for managing your revenue cycle and supply chain that will help reduce spending and preserve margins
✓ How to capture opportunities you might be missing to improve outreach programs and increase revenue
✓ Management techniques to optimize your hospital’s and lab’s performance during difficult economic times
✓ Strategies for streamlining your existing laboratory systems
✓ Tips on negotiating with vendors and identifying partnerships to foster
✓ Where to look for growth opportunities in today’s environment

The Experts:
John Waugh, MS, MT (ASCP), Director, System Laboratory Operations, the Henry Ford Health System, Detroit, MI

Thomas Nantais, MBA, Chief Operating Officer, the Henry Ford Medical Group, Detroit, MI

Target Audience: Health system and hospital CEOs, CMOs and COOs, laboratory administrators, pathology directors, in vitro diagnostics industry professionals, hospital administrators and other health care executives involved in financial and strategic planning.

This program is approved by AACC for 1.0 Category 1 ACCENT Credit hours.

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Find out what you can do to help lead your organization through the economic downturn!

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Proteomics: Advances in Protein Analysis for the Clinical Laboratory

Clinical Chemistry is pleased to announce a special upcoming theme issue on Proteomics edited by Drs. Leigh Anderson, Steven Carr, and Glen Hortin entitled, Proteomics: Advances in Protein Analysis for the Clinical Laboratory. Clinical Chemistry, published by the American Association for Clinical Chemistry, is the most widely cited forum for peer-reviewed, original research in the fields of Clinical Chemistry and Laboratory Medicine.

The purpose of this issue is to highlight recent technological advances and potential new clinical applications of diagnostic evaluation of proteins. Advances in mass spectrometry and analytical separations of proteins offer new capabilities in the qualitative and quantitative analysis of proteins and the discovery of new markers for disease. Microarrays and nanotechnology offer opportunities for multiplex analysis and enhanced detection sensitivity.

Clinical Chemistry invites authors to submit original articles related to proteomics to be considered for publication in this special issue. Manuscripts are most likely to be favorably received if they address clinical use or late-stage validation of new technologies or markers. Studies generally should identify the components under analysis and provide information expected for any test applied to clinical use regarding preanalytical factors, calibration, precision, limits of detection and linearity, reference intervals, methods for quality assurance, and interpretation of results as described in Instructions for Authors and in Clinical Chemistry 2005; 51:3-5.

Potential topics of interest include:

• Preanalytical variables in protein analysis
• Clinical application of mass spectrometric analyses of proteins and peptides
• Multiplex immunoassay and immunomics
• Clinical validation of new protein or peptide markers for disease
• Quality control of multivariate assays
• Standardization and calibration of proteomic analyses

Be a part of this exciting issue!

Submissions must be received through our online submission system at http://submit.clinchem.org no later than August 1, 2009. Your cover letter should express your interest in submitting your paper for consideration for the proteomics theme issue. Journal guidelines for submission apply as described at the submission website in Information for Authors.
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