

*The Westgard Workshops  
are back!*

## Basic QC Practices

May 24, Madison, Wisconsin

## Risk Analysis and QC Plans

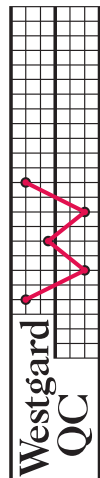
May 25- 26, Madison, Wisconsin

*These workshops are supported by educational grants  
from Abbott Diagnostics and Bio-Rad Laboratories.*



James O. Westgard, Ph.D.

*Two new Westgard Workshops are open for registration. Don't miss them!*



Westgard  
QC  
7614 Gray Fox Trail, Madison WI 53717  
<http://www.westgard.com/workshops.html>

## Registration

You can register online, by phone, fax, mail or email. Please call if you have any questions or want individual attention for your registration.

Call: 608-833-4718

Fax: 608-833-0640

Email: [workshops@westgard.com](mailto:workshops@westgard.com)

Web: <http://www.westgard.com/workshops.html>

Or mail this form with your check or credit card number to:

Attn: Workshops, Westgard QC

7614 Gray Fox Trail

Madison WI 53717

### Early Registration (Before April 30th):

- \$195 Basic QC Practices, May 24th (Save \$100)
- \$495 Risk Analysis and QC Plans, May 25-26 (Save \$100)
- \$585 Both Basic QC & Risk Analysis (Best deal: Save over \$300)

### General Registration (After April 30th):

- \$295 Basic QC Practices, May 24th
- \$595 Risk Analysis and QC Plans, May 25-26
- \$790 Both Basic QC and Risk Analysis (Save \$100)

*Additional participants from your organization can register at a discount. Call for details.*

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Department \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Business Phone \_\_\_\_\_

Email \_\_\_\_\_

## Hotel & Travel Information

DoubleTree hotel, Madison: 1-608-251-5511

Mention workshops for a discount.

Go to <http://www.visitmadison.com> for details on attractions and events.

**Refunds** Cancellations submitted in writing no later than May 15th will receive a refund, minus a \$75 administrative fee. Cancellations after May 15th will not be eligible for a refund.

**Can't attend? Buy the workshop manuals online!**  
<http://www.westgard.com/store.htm>

## James O. Westgard, Ph.D. FACB



James O. Westgard, Ph.D., is the internationally recognized QC expert, originator of multirule QC (popularly known as the "Westgard Rules"), and instructor for these new workshops:

- Basic QC Practices
- Risk Analysis and QC Plans

**These workshops are supported by educational grants from Abbott Diagnostics and Bio-Rad.**

*These workshops are open to the public but seating is limited. Act now and reserve your place. Find out how at <http://www.westgard.com/workshops.html>.*

Dr. Westgard is Emeritus Professor in Pathology and Laboratory Medicine at the University of Wisconsin Medical School and President of Westgard QC. He has over 40 years experience in laboratory quality management.

Dr. Westgard has lectured and presented workshops on five continents. He has published hundreds of abstracts, papers, chapters, and numerous books; provided QC consulting and advice to manufacturers, hospitals, and government agencies; received awards and honors from the AACC, ASCLS, NACB, the British Association of Clinical Biochemists, and the Australian Association of Clinical Biochemists. He received the 2004 Laboratory Public Service National Leadership Award for Lifetime Achievement from the Washington G2 Lab Institute and the 2005 Improved Quality Processes Award from the Institute for Quality in Laboratory Medicine.

## Basic QC Practices

Fundamental concepts of quality for medical laboratories

### May 24th Madison, Wisconsin

2010: are we perfect yet? Quality is still one of biggest challenges in the laboratory today. The rush of regulatory change, increasing method complexity, and expanding test menus means that having a strong foundation in quality is more important than ever.

Attend the Basic QC Practices workshop and you'll be able to:

- Understand quality management and quality systems
- Integrate international standards like ISO 15189 with the CLIA Final Rules
- Implement the basic principles of statistical QC
- Interpret control data with objective rules
  - Use the classic "Westgard Rules" as they were intended
  - Adopt modern "Westgard Rules" for today's instrumentation
- Recognize the common problems with current QC practices
- Identify improvements that can be made with simple QC fixes for your laboratory
- Learn the latest updates from CLIA, CAP, JC, and COLA

Joined by noted regulatory and accreditation expert, Sharon S. Ehrmeyer, PhD. Dr. Westgard will lead a one-day overview of the basic principles and core concepts of laboratory quality. Participants will learn why QC is so often neglected, cursed and sometimes compromised - and what they can do to improve quality while simultaneously reducing workload.

See even more details about the workshop at <http://www.westgard.com/basic-qc-practices-2010.htm>

## Workshop Schedule

May 24th

MORNING COFFEE

Introduction to Quality Management  
Introduction to Quality Systems

COFFEE BREAK

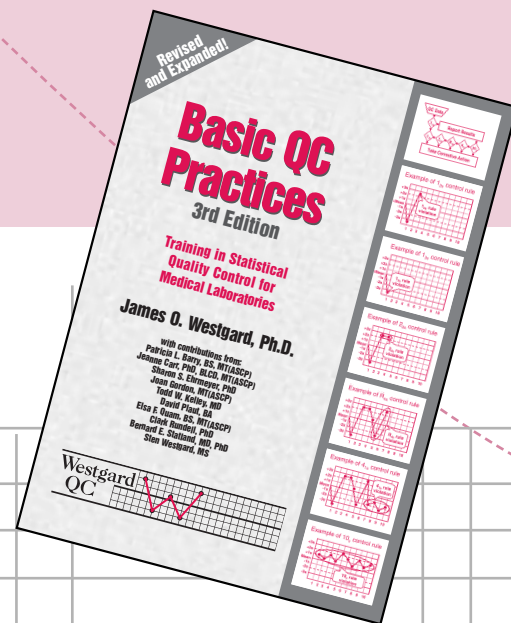
QC Fundamentals  
QC issues today

LUNCH

Regulatory requirements  
Accreditation requirements

COFFEE BREAK

QC - What could go wrong?  
Quality in the Real World



Each registered participant receives

- a copy of **Basic QC Practices, third edition**
- online access to exclusive workshop materials

## Risk Analysis and QC Plans

Laboratory Quality in the age of Risk Management

### May 25th and 26th Madison, Wisconsin

With the advent of ISO guidelines for Risk Management for manufacturers of medical devices and new CLSI guidelines for the use of Risk Analysis in medical laboratories for developing QC Plans, it's time to update your knowledge and skills to capitalize on emerging and evolving QC practices.

Objectives:

- Learn a process for developing a QC Plan
- Select QC procedures using a Sigma-metrics tool
- Assess the shortcomings of EQC procedures
- Review the principles of risk management
- Learn about CLSI guidance for Risk Analysis and QC
- Learn to use risk analysis tools, such as process mapping, fault tree analysis (FTA), and failure-modes effects analysis (FMEA, FMECA)
- Identify applications for risk analysis in your laboratory

Dr. Westgard is pleased to be joined by several experts in Risk Analysis and Risk Management

*James H. Nichols, PhD, DABCC, FACB,  
chair of CLSI EP23 committee*

*Tina Krenc, Director, R&D Phase Systems,  
Abbott Diagnostics*

*Teresa P. Darcy, MD, MMM, FASCP, FCAP,  
University of Wisconsin Hospital and Clinics*

*Sharon S. Ehrmeyer, PhD, MT(ASCP)  
of the University of Wisconsin*

## Workshop Schedule

Tuesday, May 25th

MORNING COFFEE

Analytical QC and Quality Systems  
What's wrong with EQC?

COFFEE BREAK

CLSI C24-A3 guidelines and the Sigma-metric tool  
QC selection applications

LUNCH

Introduction to Risk Analysis

COFFEE BREAK

CLSI EP23 guidance on use of Risk Analysis

### Wednesday, May 26th

MORNING COFFEE

Risk analysis tools and techniques

COFFEE BREAK

Risk analysis (continued)  
Risk and the Electronic Medical Record

LUNCH

Optional Tutorials on use of Q-assessment & planning tools  
Sigma-metrics for quality assessment  
QC Planning with software tools

Attend Risk Analysis and QC Plans to bring your knowledge up-to-date on evolving and emerging QC practices, such as Equivalent QC procedures and the use of Risk Analysis for customizing QC in your laboratory.

See even more details about the workshop at <http://www.westgard.com/risk-analysis-and-qc-plans-workshop.htm>