

2012
ASCLS-WASHINGTON
SPRING SEMINAR



Red Lion Hotel
Columbia Center
Kennewick, WA
April 26 - 28, 2012

SPONSORS



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Washington State Department of Health, Laboratory Quality Assurance

Washington State Department of Health, Public Health Laboratories

Yakima Valley Memorial Hospital

Welcome to the 2012 ASCLS-Washington Spring Seminar

Here is some important information that you need to know!

Handouts ONLY Available On-line

To keep registration rates as low as possible, the Spring Seminar will no longer provide copies of the session handouts on-site at the meeting. Session handouts will be available for download at the ASCLS-WA website (<http://www.asclswa.org>). Click on the "Spring Seminar" tab. Remember to print copies of the handouts for the sessions for which you registered and bring them to the meeting with you. **No handouts will be provided onsite.** If you are having problems downloading the handout, please contact Brenda Kochis, BrenKoch@comcast.net.

Handouts for the sessions will be available on the ASCLS-WA website approximately 2 weeks prior to the meeting in a password protected area. You will receive the "password" and instructions on how to print the handouts approximately 2 weeks before the meeting. The email will be from BrenKoch@comcast.net, so watch for it. Register early so that you can print the handout material for your sessions. Handouts will NOT be provided for those that register onsite.

Student Registration

If you are a student in one of the Washington Clinical Laboratory Science education programs listed below, you may register for **one half-day session at NO CHARGE** courtesy of ASCLS-Washington. See your Program Director for more information about this offer and for help in registering for the 2012 ASCLS-WA Spring Meeting.

Washington Clinical Laboratory Science Educational Programs:

- Clover Park Technical College MLT Program
- Heritage University CLS Program
- Providence Sacred Heart Medical Center MT Program
- Shoreline Community College MLT Program
- University of Washington MT Program
- Wenatchee Valley College MLT Program

Special Member Registration Rates

Any person currently a member in good standing of the following organizations can qualify for special member registration rates for the meeting:

- AABB (American Association of Blood Banks)
- AACC (American Association for Clinical Chemistry)
- ASC (American Society of Cytology)
- ASCP (American Society of Clinical Pathologists) Laboratory Professional Membership Category
NOTE: Certification through ASCP only does NOT qualify you for "Special Member" rates.
- ASCT (American Society for Cytotechnology)
- ASH (American Society of Hematology)
- ASM (American Society of Microbiology)
- CLMA (Clinical Laboratory Management Association)

Remember to submit a copy of your membership card with your registration form.

The 2012 Spring Seminar Program and registration form are available on the Internet at the following URL

www.asclswa.org

Updates and other information are provided on this site.

Spring Seminar Committee

General Chair	Leonard Kargacin
Program	Terese Abreu Teresa Nguyen Cynthia Hamby Evan Sylvester Lisa Stolte Margie Vaccaro
Registration	Brenda Kochis Kristen Whitten
Program Design	Brenda Kochis Tracey Gardner
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ASCLS-Washington

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ASCLS-WA Board Meeting and House of Delegates
Friday, April 27, 2012, 5:00 PM

Northwest State Society of the American Medical Technologists

President	Jo Abraham
Vice President	Theresa Indovina
Secretary	Linda Wilkins
Treasurer	Roxanne Erskine

NWSSAMT Board Meeting and Business Meeting
Friday, April 27, 2012, 5:00 PM

Session Information

Registration Hours
7:30 AM - 8:30 AM
12:00 PM - 1:00 PM

Scientific Session
8:30 AM - 12:00 PM
1:00 PM - 4:30 PM

Coffee Breaks
10:00 AM - 10:30 AM
2:30 PM - 3:00 PM

Lunch is from 12:00 - 1:00 PM each day. Individuals pre-registered for **an AM and a PM session on the same day** will be provided lunch. Lunch cannot be guaranteed for onsite registrants.

Name Badges are required for entrance to all sessions.

Smoking: There is no smoking during the sessions or in the Hotel..

Dress: Casual business dress is appropriate.

Cell Phones/Pagers: As a courtesy to the speakers and registrants, all cell phones and pagers must be turned off during the sessions.

Meeting Room Assignments: The meeting room assignments will be printed on the session sheet in your registration packet. A floor plan will be available at the registration desk.

Session Accreditations

P.A.C.E.® and AMTIE credits have been approved for all appropriate sessions.

ASCLS-WA is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® program. Additionally, ASCLS-WA is approved as a provider for California clinical laboratory licensees under P.A.C.E.® California accrediting agency license number 0001. ASCLS-WA will be using CE Organizer for documentation of continuing education credits. Please make note of the P.A.C.E.® number and the session number that will be given to attendees in each session after the session break. Without this information, the attendee will not be able to obtain their electronic certificate.

NWSSAMT is the approved provider for AMTIE CECs and insures that these educational presentations conform to standards established by AMTIE.

**Red Lion Hotel
Columbia Center**
N. 1101 Columbia Center Blvd.
Kennewick, WA 99336

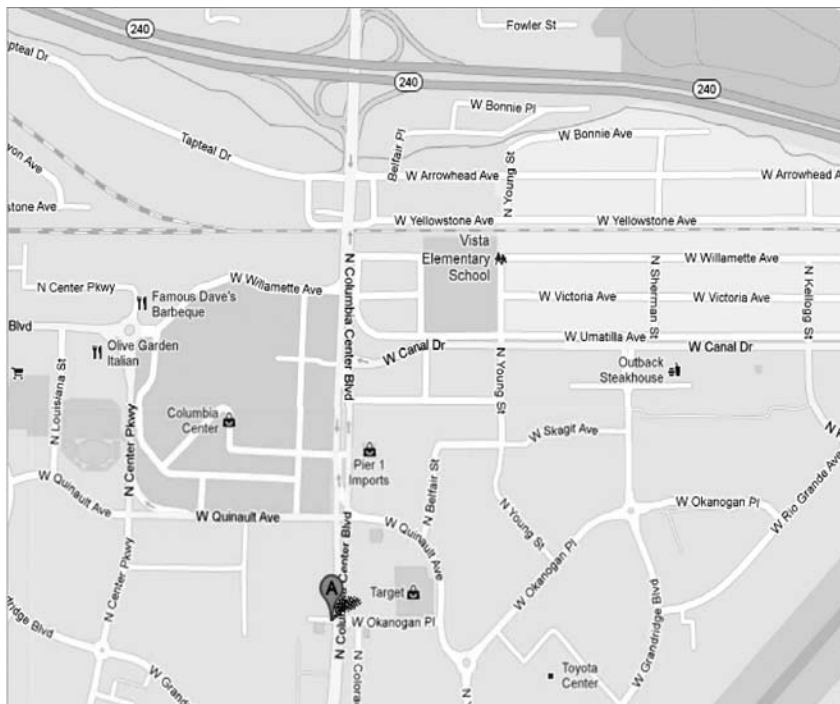
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Room Rates

- \$89.95 + tax (single or double)
- \$94.95 + tax (triple)
- \$99.95 + tax (quadruple)

Call the hotel at 1-509-783-0611 or 1-800-733-5466. Request the **ASCLS-WA group rate** to obtain the listed rates. The group rate will be honored until **March 26, 2012**.

There is no charge for parking at the Red Lion Hotel, Columbia Center.



DRIVING DIRECTIONS

FROM I-82, take exit to I-182 follow to Hwy 240 E, take Columbia Center Blvd Exit. Turn right at the light, go one mile; the hotel is on your right just past Columbia Center Mall.

FROM HWY 395, take the exit to Hwy 240 (Exit 12A). From Hwy 240, take the Columbia Center Blvd exit; left at light, go one mile, the hotel is on your right just past Columbia Center Mall.

TRI-CITIES INTERNATIONAL AIRPORT (PSCO):

Take a left out of the parking lot. In less than 1 mile turn right onto I-182 (US 395). Continue for 3 miles and merge onto SR-240. In 4 miles take Columbia Center Boulevard exit. The hotel will be on the right side 1 mile ahead.

US-395 SOUTH:

From US-395 south merge onto SR 240 west. Take the Columbia Center Boulevard exit and turn left. In 1 mile the hotel will be on the right.

Thursday, April 26, 2012

Session # 1

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

Lean Six Sigma

The session provides an overview of Lean Six Sigma and its uses in the laboratory for process improvement. The Lean process improvement overview will concentrate on the history of Lean, seven forms of waste, 5'S, continuous flow, and continuous improvements. Plus, Six Sigma history along with the basic concepts of the DMAIC process will be discussed in relation to the laboratory. The participants will get an overview of how these two tools can be utilized to improve costs, eliminate wastes, and improve patient care and employee satisfaction.

At the end of this session, participants will be able to

- ✓ Describe Lean Six Sigma, and
- ✓ Discuss how the concepts relate to the laboratory.

STEPHANIE BLACK MBA, MT Six Sigma Green Belt

KARISSA CRAIG, MT Six Sigma Master Black Belt

SAYAKA MITSUTAKE, MT Six Sigma Green Belt

Yakima Valley Memorial Hospital
Yakima, WA

Sponsor: Yakima Valley Memorial Hospital



Handouts

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Session # 2

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

Hemoglobin A1c, A Diabetic Marker of Increasing Importance

Hemoglobin A1c (HbA1c) has evolved into one of the premier tests for the care of diabetics. The volume of this test has increased dramatically in the last 10 years. In 2009-2011, this analyte has continued to become more important, as it is now used for the diagnosis of diabetes. With this development analytical precision and accuracy of HbA1c methods have become more important, leading laboratories to better understand the pros and cons of their internal analytical methods.

During this session, the speaker will

- Summarize the increasing occurrence of diabetes in the United States
- Describe the present usage of HbA1c
- Evaluate the importance of correctly determining the amount of HbA1c
- List some of the other tools and markers used in monitoring a diabetic patient
- Review the recently updated diabetes guidelines and recommendations for laboratory analysis publication by the AACC, National Academy of Clinical Biochemistry (NACB).

At the end of this session, participants will be able to

- ✓ Describe what is driving the rising HbA1c volumes,
- ✓ Describe how physicians use HbA1c,
- ✓ Consider pre-analytical and analytical factors that may affect HbA1c measurements, and
- ✓ Describe why physicians need to use HbA1c measurements to calculate eAG.

SCOTT JOKSCH

Senior Product Manager, Diabetes and Thalassemia
Bio-Rad Laboratories, Inc.
Benicia, CA

The Last Frontier – Tubeless Blood Banking

This section will provide an overview of alternative blood bank testing methods other than traditional tube testing. Also covered will be the various automated platforms for these new methods.

At the end of this session, participants will be able to

- ✓ List the challenges facing today's transfusion services,
- ✓ Explain the methods available for "tubeless" blood banking and discuss their advantages and disadvantages, and
- ✓ List the instrument platforms available to automated blood group serology testing.

CANDACE K. WILLIAMS, MT(ASCP)SBB

Sr. National Acct Manger
Bio-Rad Laboratories, Inc.
Benicia, CA

Sponsor: Bio-Rad Laboratories

Session # 3

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

Unicel DxH 800 Data Interpretation

The Hematology session will review the 800 technology followed by case studies of different blood pictures.

At the end of this session, participants will be able to

- ✓ Explain Beckman Coulter CBC, Diff, NRBC & Retic Technology,
- ✓ Describe the Coulter Principle, RBC & Platelet Histogram Development, New DxH800 Differential & NRBC Technology, and Retic Technology,
- ✓ Identify normal and abnormal histograms, dataplots, flags and codes technology, and
- ✓ Apply this information to case studies in order to better understand data interpretation.

KATHY DAVIDSON ALTIG BS MT(ASCP)

Field Product Specialist
Beckman Coulter
Portland, OR

Sponsor: Beckman Coulter

Digital Cell Morphology: Automation of the Manual Differential

This session will cover how a laboratory can transform the differential bench by improving efficiency, proficiency, and connectivity in Hematology. There will also be case studies of numerous disease states presented.

At the end of this session, participants will be able to

- ✓ Explain how automation can improve the work flow in Hematology, and
- ✓ Explain how artificial neural networks can emulate the expertise of an experience hematology specialist.

SCOTT DUNBAR, BS, MS

Sales Manager, West
CellaVision
Denver, CO

Sponsor: CellaVision

Thrombosis and Thrombophilia

This session will provide information on historic, as well as current identification and treatment of thrombotic disorders. The biological basis for hypercoagulability and thrombosis, as well as acquired and inherited thrombophilia, will be discussed. The proper laboratory tests for diagnosis and treatment will be covered.

At the end of this session, participants will be able to

- ✓ Describe Thrombotic Disease States,
- ✓ Identify laboratory tests for the diagnosis and treatment of thrombophilia, and
- ✓ Review the 2009 ISTH guidelines for the identification of Lupus Anticoagulant.

BRIANNA HENDRIX MLS (ASCP)

Clinical Hemostasis Specialist
Beckman Coulter
Brea, CA

Sponsor: Beckman Coulter

Session # 4

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

Interpreting Drug Tests for Pain Management

This session will cover specimen type and test method strengths and weaknesses for pain management testing. Drug metabolism along with the interpretation of specific drug testing results will also be reviewed.

At the end of this session, participants will be able to

- ✓ Describe the strengths and weaknesses of different types of testing,
- ✓ Identify different routes of metabolism,
- ✓ Describe strategies when to test, and
- ✓ Outline what the results really mean.

DAVID MICHAELSEN, MS

General Manager of Toxicology
PAML
Spokane, WA

Sponsor: PAML

Session # 5

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Facing the Challenge of Managing the Clinical Laboratory and Compliance with CLIA Regulations - Understanding Why We Do the Things We Do!

Ever wonder why we need a QA plan or why we have to document everything that we do? "I don't understand why we need so much detail!" This session will help provide some answers to these questions and more. Whether you are a new manager, a department supervisor/lead, or a bench tech, this session is for you! This session will focus on some of the basic CLIA requirements, challenges, and areas that managers and department supervisors face in managing the clinical laboratory. Under the global CLIA requirements governing clinical laboratories, the discussion will cover topics such as the Medical Test Site (MTS) licensing law, accrediting agencies and their relationship to each other; licensing; policy and procedure development; quality assurance oversight; educational requirements; training, and competency assessment of the technical testing personnel; the survey process; proficiency testing; and other basic information. Questions and participant discussion is welcomed as time allows.

At the end of this session, participants will be able to

- ✓ List three components of a Quality Management Plan,
- ✓ Discuss how personnel training and competency testing fits into the QM plan, and
- ✓ Discuss the relationship of the QM plan to legal liability of the laboratory/institution.

LORI ESCHENBACHER, BS, MT(ASCP)

Laboratory Surveyor and Consultant
WA State Department of Health
Kent, WA

Sponsor: Washington State DOH, Laboratory Quality Assurance

Session # 6

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Hematology: Using a Case Study Approach to Strive for Excellent Patient Outcomes

As our hematology instruments become more capable and complex, we need to be certain that we use them to complement our work flow. In addition, our patients present us with more complexities and challenges than ever before, and our staffing challenges increase. This session will utilize case studies to demonstrate how we can be effective, efficient, and continue to aid in excellent patient outcomes.

At the end of this session, participants will be able to

- ✓ Discuss ideas on possible efficiencies for his/her own lab's usage, and
- ✓ Describe some of the complex hematology patients that we currently serve.

TERRI FOXX-WISHERT, MT(ASCP), H, SH

Manager
PeaceHealth Laboratories
Longview, WA

Sponsor: Sysmex America

Session # 7

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Transfusion: Controversies and State of the Art

This section examines the history of transfusion with emphasis on the current controversies involving indications for red blood cells, deleterious effects of transfusion, and the concerns involving blood storage.

At the end of this session, participants will be able to

- ✓ Identify blood storage issues and concerns, and
- ✓ Discuss possible deleterious effects of transfusing "old" blood.

ROBERT RANLETT, MD

Medical Director
Inland Northwest Blood Center
Spokane, WA

Informative Case Studies in the Transfusion Service

In this section we plan to present several case studies from our recent patient caseload, including anti-body vs high incidence antigen and antibody.

At the end of this session, participants will be able to

- ✓ Recognize serologic discrepancy when it presents in bench testing,
- ✓ Propose and evaluate problem-solving techniques, and
- ✓ Discuss selection of appropriate units for transfusion.

PAM BEASLEY MT(ASCP) SBB

Supervisor, Transfusion Service and HPC Processing Laboratory
Inland Northwest Blood Center
Spokane, WA

Sponsor: Inland Northwest Blood Center

Thursday, April 26, 2012

Session # 8

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Rational Utilization of Routine and Esoteric Laboratory Testing

In this session basic principles governing laboratory test interpretation that dictates the use of any laboratory test will be reviewed, including Bayes' Theorem. Why tests are commonly ordered, why some tests are over-ordered, and how to focus ordering practices to improve utilization will also be discussed.

At the end of this session, participants will be able to

- ✓ List three reasons why physicians order and over-order laboratory tests,
- ✓ Define pre-test probability, likelihood ratios, and post-test probabilities,
- ✓ State three common reasons for laboratory test overutilization, and
- ✓ Plan at least five interventions that reduce needless laboratory test overutilization

GEOFFREY S. BAIRD, MD, PhD

Assistant Professor, Laboratory Medicine, and
Director, Clinical Chemistry
University of Washington,
Harborview Medical Center
Seattle, WA



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Session # 9

8:30 AM - 4:30 PM
6 Contact Hours
Intermediate

Blood Bank Hot Topics

This session will present recent changes in donor criteria for blood donors less than 19 years of age, as well as its effect on rates of donor reactions in this subset. Also discussed will be issues to consider when establishing a massive transfusion protocol.

At the end of this session, participants will be able to

- ✓ List updated young donor criteria and explain how these have lowered reaction rates among these donors, and
- ✓ Explain the physiologic and transfusion service aspects of massive transfusion protocol and aspects to consider in formulating an MTP.

MARY JO DREW, MD, MHSA

Medical Director
American Red Cross PNW Blood Services Region
Portland, OR

Sponsor: American Red Cross

Session # 10

8:30 AM - 4:30 PM
6 Contact Hours
Intermediate

Packaging & Shipping Division 6.2 Materials

The regulations state “Each person who offers or transports a diagnostic specimen must be trained” (49 CFR 173.1 and 173.199). This course is designed for laboratory personnel, supervisors, directors, and consultants who are responsible for shipping cultures and patient specimens.

This all day course includes an overview of the regulations that govern the packaging and shipping of Division 6.2 infectious substances including DOT, IATA, and the US Postal Service. Participants will learn how to properly classify specimens for packaging and shipment, understand how to use a flow chart to properly categorize specimens for shipping by any means, and how to identify the proper documentation requirements to follow for air and land shipment of Division 6.2 materials.

Participants will have an opportunity to demonstrate their understanding and proficiency to package specimens properly through table top exercises. Upon successful completion of this course, participants will receive a certificate that they have been trained to package and ship Division 6.2 materials.

At the end of this session, participants will be able to

- ✓ Properly classify, package, label, and provide the correct documentation for shipping a Division 6.2 infectious substance.

CHUCK TALBURT

Training Advisor – Bioterrorism Program
WA State Public Health Laboratory
Shoreline, WA

Sponsor: Department of Health Public Health Laboratories

Friday, April 27, 2012

Session # 11

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

The Use of Microarrays in Genetic Diagnosis

Genomic microarrays can detect gains or losses of the DNA that make up our genomes. The use of arrays in postnatal testing of children with developmental disabilities has become the first test, even before chromosome analysis. Microarrays are also becoming common for use in prenatal testing and cancer. This presentation will focus on the use of microarrays to make a genetic diagnosis in children with developmental disabilities, pregnancies with abnormal ultrasound findings, and leukemia and lymphoma in adults.

At the end of this session, participants will be able to

- ✓ Describe the use of arrays for the detection of genomic changes in postnatal, prenatal and cancer testing.

LISA G. SHAFFER, PhD

Chief Scientific Officer

Signature Genomic Laboratories, PerkinElmer, Inc.
Spokane, WA

Sponsor: Signature Genomics

Session # 12

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

Systemic and Organ-Specific Autoimmunity: Principles and Laboratory Applications

This session will begin with a general description of autoimmunity, focusing on general mechanisms associated with the manifestations associated with clinical disease. We will then move into a description of various autoimmune diseases, both systemic and organ-specific. This section will include information on clinical evaluation of the patient, the role of the clinical laboratory in diagnosis and monitoring, and treatment options. Lastly, the session will end with a variety of case presentations, highlighting the diagnostic challenges often faced by physicians, with discussions centered on the interpretation of relevant laboratory testing.

At the end of this session, participants will be able to

- ✓ Describe the basic immunologic mechanisms associated with autoimmune disease,
- ✓ Identify the utility of laboratory testing for the diagnosis of autoimmune disease, and
- ✓ Interpret laboratory results for a number of specific systemic and organ-specific autoimmune diseases.

MELISSA R. SNYDER, PhD

Co-Director, Clinical Immunology Laboratory
Mayo Clinic
Rochester, MN

Sponsor: Mayo Medical Laboratories

Session # 13

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Myeloma Patients: New Screening Updates for Improved Outcomes

Patients with multiple myeloma (MM) and other monoclonal gammopathies often initially present with a myriad of non-specific symptoms. Traditional screening protocols miss a significant percent of patients with MM and related plasma cell disorders. The serum free light chain assay, Freelite™, is a highly specific, quantitative and fully automated approach to measure free lambda and kappa light chains in the serum and provides a sensitive indicator of patient status in the diagnosis, treatment, and remission of Multiple Myeloma (MM) and other B-cell dyscrasias. Enhanced diagnostic capability has been demonstrated when sFLC testing is used in conjunction with SPEP and/or IFE. The International Myeloma Working Group (IMWG) and National Comprehensive Cancer Network (NCCN) has recently developed new recommendations for the utilization of Freelite™ in the initial diagnostic workup of multiple myeloma and related disorders. This test is currently offered by major reference laboratories, myeloma centers and many hospital laboratories.

The following topics will be discussed in this presentation:

- » The non-specific symptoms of myeloma & related plasma cell disorders that often confound a diagnosis.
- » Why it is easy to miss MM diagnoses.
- » An overview and evaluation of traditional screening protocols.
- » Recent developments in screening algorithms for suspected monoclonal gammopathies.
- » International Myeloma Working Group and NCCN Guidelines for serum free light chain analysis in multiple myeloma and related disorders.

At the end of this session, participants will be able to

- ✓ Identify the non-specific symptoms that accompany multiple myeloma and other plasma cell disorders,
- ✓ Explain why the traditional screening methods can miss the diagnosis of monoclonal gammopathies, and
- ✓ Describe the use of serum free light chain analysis for screening, diagnosis and monitoring disease as outlined by guidelines from the IMWG (International Myeloma Working Group) and NCCN (National Comprehensive Cancer Network).

ANNE L. SHERWOOD, PhD

Technical Director
The Binding Site, Inc.
San Diego, CA

Sponsor: The Binding Site, Inc.

Session # 14

1:00 - 4:30 PM
3 Contact Hours
Intermediate

A Survey of Current Neonatal Testing: Not Your Mother's PKU

This session will describe and explain the testing that is performed on perinatal infants. We will describe the testing procedures, all the testing involved, and benefits of these methods.

At the end of this session, participants will be able to

- ✓ Explain many of the new testing procedures associated with perinatal testing,
- ✓ Describe the new testing procedures, and
- ✓ Discuss the benefits resulting from these methods.

M. HELYN THOMAS, MS, MT(ASCP)

Providence Medford Medical Center, OB-GYN Clinic
Medford, OR

Session # 15

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Managing Preanalytical Variables in Venipuncture

Managing Preanalytical Variables in Specimen Collection is intended for phlebotomist, laboratorians, nurses, and other healthcare professionals responsible for the collection, handling, processing, and diagnostic testing of specimens in the clinical laboratory. A basic knowledge of phlebotomy and clinical laboratory science is required. The objective of the program is to provide an understanding of the importance of factors that influence preanalytical variables in specimen collection, processing/handling, and identify preanalytical sources of error and its impact. Focus will be placed on established guidelines, procedures and techniques for proper venipuncture, specimen collection, processing, and handling.

At the end of this session, participants will be able to

- ✓ Describe the importance of preanalytical variables in specimen collection,
- ✓ Identify the preanalytical phase as the time from test ordering until sample analysis,
- ✓ Identify contributing factors in specimen collection, processing/handling and the effect on laboratory testing, and
- ✓ Discuss how to minimize occurrences of preanalytical error in the institution, enhance sample quality, accuracy of laboratory data and quality of patient care.

Phlebotomy Essentials

While the phlebotomist is the front line access to the clinical laboratory, that individual also has unique skills that allow the laboratory aspect of the medical process to succeed. Some of these involve building patient trust and rapport and the ability to analyze both verbal and non-verbal cues. Superior customer service policies include putting the customer at ease, listening attentively and making the customer feel they are important.

At the end of this session, participants will be able to

- ✓ Describe how a phlebotomist's skills raise the level of customer service and enhance the customer experience in your workplace,
- ✓ State what the customers want, and
- ✓ Outline superior customer service policies.

TRICIA CASSIDY, MT(ASCP)

Sales Consultant and Field Sales Trainer
BD Preanalytical Systems
Seattle, WA

Sponsor: BD Preanalytical Systems



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Saturday, April 28, 2012

Session # 16

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

A Visual Stroll through Hematology

This session will be a visual overview of many hematologic disorders of red and white blood cells. There will be a brief discussion defining characteristics and clues to differentiate between similar disorders. A morphologic review will be available to see the differences between similar disorders. The World Health Organization's 2008 revision will be discussed through morphology.

At the end of the session, participants will be able to

- ✓ Describe the cause of the defining characteristics found in many RBC and WBC disorders, and
- ✓ Demonstrate an in-depth review of the morphology associated with these disorders.

KEILA POULSEN BS, MLS(ASCP)^{CM} H, SH

Hematology/Histology Supervisor
Eastern Idaho Regional Medical Center
Idaho Falls, ID

Sponsor: Beckman Coulter, Inc.



Session # 17

8:30 AM - 12:00 PM
3 Contact Hours
Intermediate

Medical Laboratory Professionals: At the Heart of Safe Patient Care

Quality is an integral component for providing medical laboratory services. Medical laboratory professionals have an opportunity and responsibility to expand their traditional definition of quality to improve the pre- and post-analytic phases of laboratory services. This session will discuss how medical laboratory professionals can monitor and improve their services to make contributions to healthcare delivery that is safe, effective, timely, efficient, equitable, and patient-centered. Audience participation will be encouraged.

At the end of this session, participants will be able to

- ✓ Summarize the six aims of the Institute of Medicine to improve the quality of medical laboratory services,
- ✓ Describe one method to improve the pre and the post-analytic phases of laboratory services from the perspective of the six Institute of Medicine aims, and
- ✓ Identify one metric for the pre and post-analytic phases of laboratory services to monitor patient safety.

CATHERINE OTTO, PhD, MBA, MLS(ASCP)^{CM}

President
American Society for Clinical Laboratory Science
Portland, OR

Saturday, April 28, 2012

Session # 18

8:30 AM - 12:00 PM
6 Contact Hours
Intermediate

Updates in Microbiology from the Perspective of a Pathologist

This session's focus will be on the diagnosis and epidemiology of STEC (*Shiga Toxigenic E. coli*). It will cover recent outbreaks of STEC and the rationale behind typing of *E. coli* for Shigatoxin. Infectious disease specialists and other physicians are not always using antibiotics present in the susceptibility panels used in the microbiology labs. Why? And how does the lab correlate their findings with what the physicians want?

At the end of this session, participants will be able to

- ✓ Relate the rationale behind testing for Shiga-like Toxin in *E. coli*,
- ✓ Discuss recent outbreaks of STEC and EHEC and the relation to Hemolytic Uremic Syndrome, and
- ✓ Discuss why Infectious Disease and other physicians may utilize antibiotics other than those in the susceptibility panels utilized in Microbiology labs.

MARY JO ROBINSON DO

Associate Professor of Pathology
Pacific Northwest University of Health Sciences-College of Osteopathic Medicine
Yakima WA

Sponsor: Pacific Northwest University

Session # 19

8:30 AM - 12:00 PM
6 Contact Hours
Intermediate

How to Handle Challenging Conversations

In this session you will learn how to create conditions to speak with complete honesty and respect. You will also gain skills that enable you to engage in lively dialogue and begin stepping up to tough issues, while sharing opinions, feelings, and information safely and freely.

At the end of this session, participants will be able to

- ✓ Discuss disagreements and emotional conversations by talking respectfully, candidly, and safely,
- ✓ Give and receive feedback in a way that enhances relationships and improves results, and
- ✓ Speak influentially — effectively talk about challenging topics.

KAREN RIBA, SPHR

Training and Education Manager
PAML
Spokane, WA

Sponsor: PAML

Session # 20

1:00 - 4:30 PM
3 Contact Hours
Intermediate

AML with Recurrent Genetic Abnormalities

The 2008 revision of the WHO Classification for Neoplasms has added several leukemias to the category of AML with recurrent genetic abnormalities. This will be a morphologic review and discussion of each subtype in this category. Discussion will include morphology, flow cytometry, cytogenetics, molecular studies, and clinical presentations.

At the end of this session, participants will be able to

- ✓ Describe the classification of AML with Recurrent Genetic Abnormalities,
- ✓ Recognize the morphology of the leukemias with a specific chromosome association, and
- ✓ Discuss the involvement of extended testing in the diagnostic process.

KEILA POULSEN BS, MLS(ASCP)^{CM} H, SH

Hematology/Histology Supervisor
Eastern Idaho Regional Medical Center
Idaho Falls, ID



Sponsor: Beckman Coulter, Inc.

Session # 21

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Enhancing the Quality of Your Workforce—Employee Management

This session will discuss principles of managing the work of others. Topics to be covered include communication, leadership, motivation, morale issues, and resolution of disciplinary actions. This session will be interactive, using cases and examples to demonstrate concepts.

At the end of this session, participants will be able to

- ✓ Summarize how leadership style impacts the work environment,
- ✓ Describe two methods to improve morale in the workplace, and
- ✓ Identify options to resolve behavioral problems.

CATHERINE OTTO, PhD, MBA, MLS(ASCP)^{CM}

President
American Society for Clinical Laboratory Science
Portland, OR

Saturday, April 28, 2012

Session # 22

1:00 - 4:30 PM
3 Contact Hours
Intermediate

Antimicrobial Susceptibility Testing Challenges: What a Bench Technologist Should Know

This workshop will focus on emerging resistance mechanisms, their detection, and clinical implications. This session will also include a review of the latest CLSI/AST reporting recommendations.

At the end of this session, participants will be able to

- ✓ Describe important antimicrobial resistance mechanisms of problematic bacterial pathogens,
- ✓ Recommend laboratory techniques appropriate for detection of such mechanisms of resistance, and
- ✓ Identify the major changes found in the new CLSI standards for antimicrobial susceptibility testing.

PUNAM VERMA, PHD, D(ABMM), MT(ASCP)

Director, Microbiology and Immunology
Virginia Mason Medical Center
Seattle, WA

Session # 23

1:00 - 4:30 PM
3 Contact Hours
Basic

Leadership, a Lost Art

Participants will work with the presenters to develop an understanding of and determine practical applications. Focus is on the workplace/lab examining the key concepts of leadership at all levels in the modern organization.

At the end of this session, participants will be able to

- ✓ Describe essential leadership concepts and their application to the clinical laboratory world, and
- ✓ Define cultural relevancy as an influence in adult relationships.

CATHERINE HARDISON, JD, PHD

Associate Dean; Graduate and Online Education

MARISOL RODRIGUEZ-PRICE, PHD

Professor

CHARLES WHEATON, PHD

Professor
Heritage University
Toppenish, WA

Sponsor: Heritage University

Registration Terms and Conditions

Fees are listed for each membership category. To ensure adequate processing time, please **post-mark your registration by April 1, 2012**. Registrations can still be received after this date, but early registration ensures that you will receive the information you need in a timely manner. Lunch will not be guaranteed to on-site registrants. Handouts will NOT be available to on-site registrants so register early! Handouts will **ONLY** be available on-line! Please be certain you write your email address clearly.

Lunch is included in the registration fee for persons who are preregistered for **an AM and a PM session** on the same day. Lunch is not provided for registrants that sign up only for an AM or PM session or who register on-site.

Attendance Categories

Member: Any person who is a current member in good standing of the American Society for Clinical Laboratory Science (ASCLS) or the American Medical Technologists (AMT). Please list your membership number in the appropriate space on the registration form. New members are eligible for member rates. To join please see the information on the website: www.asclswa.org or on page 8.

Special Member: Any person currently a member in good standing of the following organizations:

- AABB (American Association of Blood Banks)
- AACC (American Association for Clinical Chemistry)
- ASC (American Society of Cytology)
- ASCP (American Society of Clinical Pathologists) Laboratory Professional Membership Category
NOTE: Certification through ASCP only does NOT qualify you for "Special Member" rates.
- ASCT (American Society for Cytotechnology)
- ASH (American Society of Hematology)
- ASM (American Society of Microbiology)
- CLMA (Clinical Laboratory Management Association)

Student: A student is defined as any person who is engaged at least half-time in a recognized program leading to either an associate's or bachelor's degree in a clinical laboratory science or one who is in a recognized Clinical Laboratory Internship program.

Phlebotomist: A phlebotomist is defined as any person whose primary responsibility is phlebotomy. Medical Assistants and AMT's RMA are eligible for Phlebotomist fees.

Payment: Full payment in U.S. Dollars must accompany all registrations. Please submit a check for the appropriate payment according to the category that you qualify for. Checks must be made payable to **Spring Seminar**. The registration will not be processed until full payment is received. No unpaid registrations or credit card registrations can be accepted.

The seminar committee reserves the right to cancel any session prior to the seminar should circumstances make it necessary. If a session is cancelled, the registrant may attend another session or receive a refund. Otherwise, due to hotel and session expense obligations, **NO REFUNDS** are permitted.

Registration Questions

For registration questions or information contact:

Brenda Kochis
2012 ASCLS-WA Spring Seminar
44 West 26th Avenue
Spokane, WA 99203-1818

Phone: 509-939-8445 Email: BrenKoch@comcast.net (email communication is preferred)

By providing an email address, you will receive a confirmation and information regarding how to access the handouts. Please write your email address clearly. If you do not have an email address, confirmation and access to the handouts will be provided if you include a self-addressed, stamped envelope.

Registration Form

2012 ASCLS-WA Spring Seminar
 April 26 - 28, 2012
 Red Lion Hotel, Columbia Center
 Kennewick, Washington

**To facilitate processing please
 postmark this registration form by
 April 1, 2012**

PLEASE PRINT AND SHOW NAME AS WANTED ON NAME TAG

First Name _____ Last Name _____
 Address _____
 City/State/Zip _____
 Day Phone _____ Evening Phone _____
 Institution _____
 City/State _____
 E-Mail Address _____

Please circle sessions you wish to attend.

Would you be willing to serve as Moderator for any of the sessions you will be attending?
 Please circle response.
 Yes No

Thursday April 26	AM	1	2	3	4
	PM	5	6	7	8
Friday April 27	AM	9	10	11	12
	PM	13	14	15	
Saturday April 28	AM	16	17	18	19
	PM	20	21	22	23

ADVANCED REGISTRATION FEE SCHEDULE (Full-Day Pre-registration INCLUDE Lunch)

Member ASCLS or AMT (Membership #: ASCLS _____ AMT _____)						
Technical/Administrative Professional						
	Full Day	_____ days	@ \$80.00	\$ _____		
	Half Day	_____ half days	@ \$40.00	\$ _____		
Phlebotomist/RMA/COLT						
	Full Day	_____ days	@ \$40.00	\$ _____		
	Half Day	_____ half days	@ \$20.00	\$ _____		
Student						
	Full Day	_____ days	@ \$40.00	\$ _____		
	Half Day	_____ half days	@ \$20.00	\$ _____		
Special Member (enclose copy of membership card)						
_____	AABB	_____	AACC	_____	ASC	
_____	ASH	_____	ASM	_____	CLMA	
_____	ASCP Laboratory Professional Membership Category. Certification				_____ days	@ \$100.00
_____					_____ half days	@ \$50.00
through ASCP does NOT qualify you for "Special Member" rates.						
NonMember						
Technical/Administrative Professional						
	Full Day	_____ days	@ \$150.00	\$ _____		
	Half Day	_____ half days	@ \$75.00	\$ _____		
Phlebotomist						
	Full Day	_____ days	@ \$70.00	\$ _____		
	Half Day	_____ half days	@ \$35.00	\$ _____		
Student						
	Full Day	_____ days	@ \$40.00	\$ _____		
	Half Day	_____ half days	@ \$20.00	\$ _____		
	Total			\$ _____		

Mail to: ASCLS-WA Spring Seminar
 Brenda Kochis
 44 West 26th Avenue
 Spokane, WA 99203-1818

Full Payment must accompany all registrations. Remit in U.S. dollars. Make check payable to **Spring Seminar.**

Interested in joining ASCLS?

You can get member rates for this meeting!

All new members have the opportunity to join ASCLS and receive 15 months for the price of 12. You can go to www.ascls.org and click on "Join ASCLS" in the box to the left. There you will find the New Member Application. If you join through the ASCLS website **March 1, 2012 or later**, you will get a membership through July 31, 2013. By joining through the ASCLS website, you will have your member number mailed to you immediately. No waiting for snail mail.

OR

You can obtain a membership application at the following URL:

http://www.ascls.org/resource/resmgr/membership_app_2011-12.pdf

Remember that you have to be a new member and join after **March 1, 2012** to get the 15 months for the price of 12.

The 2011 Spring Seminar Program, registration form and any updates are available on the Internet at the following URL

www.asclswa.org

All information will be provided at this site. There is an Acrobat version of the registration form that you can fill out and print before you send it in. Please do not email this form, since no registrations will be processed without payment.

At A Glance

Thursday April 26, 2012	AM	1	2	3	4
		Lean Six Sigma	Hemoglobin A1c Tubeless Blood Banking	Unicel DxH 800 Digital Cell Morphology Thrombosis & Thrombophilia	Interp Drug Tests for Pain Management
	PM	5	6	7	8
		Managing the Lab and Compliance with CLIA Reg	Hematology: Case Study Approach for Excellent Outcomes	Transfusion: Controversies and State of Art Case Studies in Transfusion	Utilization of Routine and Esoteric Lab Testing
Friday April 27, 2012	AM	9	10	11	12
		Blood Banking Hot Topics	Packagin & Shipping Division 6.2 Materials	Use of Microarrays in Genetic Diagnosis	Systemic and Orgin-Specific Autoimmunity
	PM	13	10	14	15
		Myeloma Patients: Screening Updates	Packagin & Shipping Division 6.2 Materials continued	Survey of Current Neonatal Testing	Managing Preanalytical Variables Phlebotomy Essentials
Saturday April 28, 2012	AM	16	17	18	19
		Visual Stroll Through Hematology	Medical Lab Professionals at the Heart of Safe Patient Care	Updates in Microbiology from a Pathologist's Perspective	Handle Challenging Conversations
	PM	20	21	22	23
		AML with Recurrent Genetic Abnormalities	Enhancing Quality of Workforce	Antimicrobial Susceptibility Testing Challenges	Leadership: A Lost Art