

FALL SYMPOSIUM



VOICE ~VALUE ~VISION

ASCLS Region V Fall Symposium Program & Information

Dates: **October 13 - 14, 2011**

Location: Best Western Doublewood Inn
3333 13th Avenue South, Fargo, ND 58103
Phone (701) 235-3333
Website: www.doublewoodinn.com

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For additional information and meeting contacts for questions, visit the ASCLS Region V Fall Symposium website:
www.ascls-sd.org/region-v-meeting/id51.html

On-line registration available after September 1, 2011

Thursday, October 13 th 2011	
12:00 – 1:30 PM	Registration
12:15 – 1:15 PM	Region V Council Meeting Open meeting for all attendees; an excellent meeting to find out what's going on in Region V
1:30 – 2:30 PM Session # K-1	<p>Keynote: Medical Laboratory Professionals: At the Heart of Safe Patient Care Speaker: Dr. Catherine Otto, PhD, MBA, MLS (ASCP)^{cm} President American Society for Clinical Laboratory Science</p> <p>Quality is an integral component for providing clinical 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.</p> <p>Level of Instruction: Intermediate</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> • Describe the six aims of the Institute of Medicine to improve the quality of clinical 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. • Identify one metric for the pre and post-analytic phases of laboratory services to monitor patient safety.
2:30 – 3:15 PM	BREAK
3:15 – 4:15 PM Session # 1	<p>Blood Management at a Community Hospital: Seeing Red, Saving Green (\$) Speaker: Dr. Katherine Frey, M.D. <i>Sponsored by: Strategic Blood Management</i> Pathologist and Transfusion Services Medical Director, Fairview Southdale</p> <p>Introduction to the concept of “blood management” which is using blood only when and in the amount needed. One hospital’s journey from becoming aware of the problem and what and how they have been doing something about it will be discussed. Topics included will be blood overuse awareness, transfusion economics, data management, change management, transfusion guidelines overhaul, communication, and others.</p> <p>Level of Instruction: Basic</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> • Describe how proper blood management involves more than the blood bank. • Recognize that an interdepartmental approach to transfusion appropriateness with shared work can make significant change happen quickly and without oversteering one department (as in the blood bank).

	<ul style="list-style-type: none"> Describe why success requires resource allocation by administration, particularly in regard to measurement, data collection, data output, communication and sustainability. Identify why it's a good thing when patient safety improvement projects are paired with real health care dollar savings.
<p>3:15 – 4:15 PM Session # 2</p>	<p><i>It's a Capital Idea: Planning, Selecting, and Validating New Capital Equipment</i></p> <p>Speaker: Team Sanford Panel Sam Matthey, VP Lab and Pathology Jane Voss, Director of Laboratory Operations Mark Loock, Microbiology/Molecular Manager DeLilah Rosecrans, Transfusion Services/Quality Manager Dr. Timothy McManamon</p> <p>Sanford Fargo Leadership group will provide a presentation and discussion on planning, selecting, and validating new capital equipment for the laboratory. The presentation will include capital budget and financial planning as well as creating an RFP and providing comparative methods for selecting an instrument or vendor. The presentation will include variables that come into play in the decision making process. Method validation and project management for major capital acquisitions will also be discussed. An open question and answer discussion will conclude this talk.</p> <p>Level of Instruction: Basic</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> Discuss the financial planning involved in capital equipment purchases. Describe the RFP and selection process for choosing an instrument or specific vendor. Identify the decision-making variables in instrument selection. Outline the instrument validation process
<p>4:30 – 5:30 PM Session # 3</p>	<p><i>We Are "Moving on Up": Options for Career Development, ASCLS Levels of Practice Model</i></p> <p>Speaker: Deb Rodahl, System Director for Laboratory Services, HealthEast Care System Jean Bauer, Laboratory Director Allina Medical Clinics Cindy Johnson, Director Laboratory Operations, CentraCare Health System</p> <p>The provision of laboratory services requires the coordinated efforts of a variety of skilled personnel. A well defined program ensures that the right person with the right qualifications is providing quality health care and guaranteeing the safety of patients.</p> <p>This presentation will provide options for career development, including introduction to the ASCLS Levels of Practice model, that have been utilized in several clinical laboratory systems.</p> <p>Level of Instruction: Intermediate</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> Describe the ASCLS Levels of Practice model for employee development. Discuss the benefits of having an employee career ladder for all levels of practice. Consider options for development of career growth programs.
<p>4:30 – 5:30 PM Session # 4</p>	<p><i>Current Developments in A1c Testing</i></p> <p>Speaker: Dr. William Winter, M.D., Professor of Pathology & Pediatrics, University of Florida</p> <p>This presentation will review: 1) the basic biology of hemoglobin (A₀) and its glycation to A1 (including A1a, A1b and A1c), 2) the measurement of hemoglobin A1c by immunoassay and HPLC technologies, 3) the use of A1c in diabetes testing (screening & diagnosis) and management, and 4) non-diabetic medical conditions that affect the measurement of hemoglobin A1c (e.g., hemoglobinopathies, iron deficiency anemia and hemolysis). At the conclusion of this presentation, the laboratorian will be able to advise clinicians on the technical and clinical intricacies of A1c measurements.</p> <p>Level of Instruction: Intermediate</p>

	<p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> • Explain the chemistry responsible for the formation of glycated hemoglobins. • Discuss the strengths and weaknesses of the various technologies that are used to measure hemoglobin A1c. • Advise clinicians on the use of A1c in screening for diabetes, diagnosing diabetes and managing diabetes. • Instruct clinicians on the interpretation of A1c measurements in light of non-diabetic conditions that can affect A1c measurements.
5:30 – 8:30 PM	EXHIBITOR SOCIAL HOUR
Friday, October 14th 2011	
7:00 – 8:00 AM	REGISTRATION & BUFET BREAKFAST
8:00 – 9:00 AM Session # K-2	<p>Keynote: Healthcare Reform: Where We Fit</p> <p>Speaker: Elissa Passiment, Executive Vice President, ASCLS</p> <p>The Patient Protection and Affordable Care Act has created a controversy that will ultimately be settled in the federal courts of this country. The provisions of the law and their implications for the practice of laboratory science and medicine will be presented. A definition of accountable care organizations and medical homes will also be discussed.</p> <p>Level of Instruction: Intermediate</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> • Discuss the sections of the law and their effects on insurance reform and Medicare. • Analyze the implications of the ACA on clinical laboratory services and business. • Describe the timeline for implementation of this law. • Define ACO and medical homes.
9:30 – 10:30 AM Session # 5	<p>Bad Bugs: Multidrug Resistant Gram Negative Enterobacteriaceae</p> <p>Speaker: Dr. Jody Thompson, M.D., Technical Director, Molecular Laboratory, Sanford</p> <p>Multidrug resistant Gram negative organisms are an increasingly difficult problem in US hospitals. Carbapenem antibiotics, such as meropenem and imipenem, have been the cornerstone of drug treatment for serious infections caused by these pathogens. Resistance to carbapenems has been uncommon until now. I will present a case study of an outbreak that occurred in a long-term care facility in Fargo, North Dakota</p> <p>Level of Instruction: Basic</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> • Define multidrug resistance. • Review the mechanisms of resistance to carbapenems. • Review the laboratory techniques utilized in the diagnosis of carbapenem resistant organisms.
9:30 – 10:30 AM Session # 6	<p>Generational Differences-Gray Hair vs. Pink Hair, plus Panel</p> <p>Speaker: Joyce Bloch, System Education Coordinator, Sanford Health</p> <p>Moderator: Patricia Tille, Program Director, MLS Program, South Dakota State University</p> <p>Never before have so many and such different generations, with such diversity, been asked to work together, side by side, cubicle to cubicle. Each generation brings different strengths and weakness to the workplace. For the workplace to be a positive, productive and compatible place, we need to recognize and respect each generation. This presentation will highlight the views and values of each generation.</p> <p>Level of Instruction: Basic</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> • Compare values and traditions of the three generational groups in the workforce. • Describe effective styles for each generation to facilitate work team

	<p>relationships.</p> <ul style="list-style-type: none"> Review various scenarios as the panel discusses their generation's response to the situation.
<p>10:45 - 11:45 AM Session # 7</p>	<p><i>Cytogenetics in Prenatal Diagnosis</i></p> <p>Speaker: Peggy Stupca, Cytogenetic Technology Program Director, Mayo Clinic</p> <p>When ultrasound and/or maternal serum testing signal problems with a developing fetus, cytogenetics can often help identify the cause. The laboratory can use three main tests to determine if there is a chromosome abnormality: chromosome analysis, Fluorescent In Situ Hybridization (FISH), and array Comparative Genomic Hybridization (aCGH). The how to obtain the necessary cells for each test, how to interpret the results, and advantages and disadvantages them will be discussed using case study examples.</p> <p>Level of Instruction: Basic</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> Compare and contrast types of specimens received. Discuss the pros and cons of amniotic fluid and chorionic villus samples. Give examples of common chromosome abnormalities in these samples. Compare and contrast cytogenetic methods.
<p>10:45 - 11:45 AM Session # 8</p>	<p><i>The A6 Cycle and CDC's Evidence-Based Laboratory Medicine Best Practices Initiative</i></p> <p>Speaker: Elizabeth Kenimer Leibach, EdD, MLS(ASCP)^{CM}, SBB^{CM} Evidence-based Laboratory Medicine Project Lead, CDC</p> <p>A systematic process is outlined for reviewing published AND unpublished evidence of effectiveness for candidate best practices in pre- and post-analytic testing stages. Practices are reviewed in patient specimen identification, critical value reporting, and reducing blood culture contamination. Planned review topics (bloodstream infection screening, sample quality, cardiac marker testing) are identified.</p> <p>Level of Instruction: Intermediate</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> Compare and contrast conventional methods used to develop guidelines, standards and recommendations (i.e., consensus expert opinion) in laboratory medicine and evidence-based methods. Describe the A6 Cycle and the necessary steps to develop evidence-based recommendations that impact laboratory medicine decision making. Explain three examples where laboratory medicine best practice evidence reviews have been performed and describe the review, results and outcomes associated with the practices reviewed.
<p>12:15 – 1:30 PM Session # K-3</p>	<p><i>LUNCH & KEYNOTE ADDRESS:</i> <i>Effective Leadership Tools for Employee Development and Motivation</i></p> <p>Speaker: Deb Rodahl, MLS, MBA System Director for Laboratory Services, HealthEast Care System</p> <p>Employee Development and motivation has become an important part of any manager's job description. This session will provide some helpful tools and techniques to help your staff grow and develop in their current job, but will also help you to identify and prepare the future leaders of our laboratories.</p> <p>Level of Instruction: Basic</p> <p>Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> Describe management accountability for employee development. List several management strategies to create an effective and motivated team. List 3 tools to help identify your employee's short-term and long term goals.

