Coagulation Testing Quality

Conference and Workshop

3rd Conference
April 14-17, 2009 (Tuesday-Friday) [ends at Noon Friday]

1st Workshop
April 15-16, 2009 (Wednesday & Thursday Afternoons)

Minneapolis Marriott City Center Hotel
Minneapolis, Minnesota

Presented by:

- Mayo Clinic Divisions of Hematology and Hematopathology
- Mayo Medical Laboratories
- North American Specialized Coagulation Laboratory Association (NASCOLA)
CONFERENCE DESCRIPTION

This conference provides a unique international forum for communication and discussion of current issues in quality and standardization of coagulation diagnostic laboratory testing. Continued conference features include abstract presentations (oral and poster) and Breakfast-with-the-Experts sessions. There will also be presentations by expert faculty on a wide range of topics, along with panel discussions and question and answer sessions.

CONFERENCE LEARNING OBJECTIVES

Upon completion of the conference, participants should be able to:
- Describe general aspects of planning and management of coagulation laboratory testing
- Provide examples of processes and goals of quality assessment and improvement processes
- Discuss the complexities of testing for disorders of platelets and platelet function
- Summarize testing quality issues for diagnosis and treatment of von Willebrand disease
- Review the diagnostic and quality challenges associated with testing for factor VIII inhibitors

WORKSHOP DESCRIPTION

New this year - Two workshop sessions will be conducted Wednesday and Thursday afternoons. The first will be focused on testing for platelet functional disorders, and the second will focus on testing for selected plasmatic coagulation disorders. Each workshop session will begin with participating companies presenting information on specific laboratory instrument and/or reagent testing. Interactive case studies by conference faculty on thematic topics will conclude each workshop session.

WORKSHOP LEARNING OBJECTIVES

Upon completion of the workshop, participants should be able to:
- Comprehend the role of the coagulation diagnostics industry in achieving high-quality testing
- Provide specific examples of platelet hypofunctional disorders and testing procedures for them
- Recount examples of specific complex coagulation disorders and quality of diagnostic testing

DISCLAIMER

Attendance at this Mayo conference does not indicate nor guarantee competence or proficiency in the performance of any procedures that may be discussed or taught in this course.

INTENDED AUDIENCE

This conference is designed for laboratorians, hematologists, pathologists, scientists, laboratory technologists and clinicians whose practices and interests include laboratory and clinical aspects of bleeding and prothrombotic disorders.

DATE AND LOCATION

The Coagulation Testing Quality conference will be held April 14-17, 2009 and the workshop on the afternoons of April 15-16, 2009. The conference will be located in the Minneapolis Marriott City Center Hotel (4th floor) in downtown Minneapolis, Minnesota.
CREDIT

CONFERENCE
The College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians, and designates this educational activity for a maximum of 18 hours of AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Mayo Medical Laboratories will award 17.5 contact hours of P.A.C.E.® credit for successful completion of this program."

Mayo Medical Laboratories is approved as a Continuing Education Accrediting Agency for Clinical Laboratory Science for State of California and State of Florida credit. The level of instruction for this program is intermediate. This program has been approved for 17.5 contact hours.

WORKSHOP
**Due to the nature of the Wednesday and Thursday afternoon workshops and the interactions from industry, Category 1 credit will only be provided for the case studies.

The College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians, and designates this educational activity for a maximum of 3 hours of AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Mayo Medical Laboratories will award 5 contact hours of P.A.C.E.® credit for successful completion of this program.

Mayo Medical Laboratories is approved as a Continuing Education Accrediting Agency for Clinical Laboratory Science for State of California and State of Florida credit. The level of instruction for this program is intermediate. This program has been approved for 5 contact hours.

EDUCATIONAL GRANTS
This course is supported, in part, by educational grants from coagulation-related diagnostics and therapeutics corporations, in accordance with ACCME Standards.

At the time of this publication, a complete listing of commercial supporters was not available. Appropriate acknowledgement will be given to all supporters during the meeting.

ABSTRACTS
As part of the Coagulation Testing Quality conference, participants are invited to submit abstracts for oral or poster presentation, demonstrating new information related to laboratory diagnostic aspects of hemostatic disorders (bleeding and thrombosis). Goals of the abstract presentations are to educate and inform about research innovations, share ideas and interests, and network with other participants. Conference scholarships (reduced registration fee) will be offered to the top 5 accepted abstracts from technologist presentors (submitted abstracts will be reviewed and ranked by a committee).

Questions regarding abstract submission can be directed to Sharon Preuss at 507-284-8742. Abstracts must be received by Monday, February 23, 2009 for consideration by the review committee, and decisions will be communicated by Monday, March 9, 2009.

COAGULATION CONFERENCE FACULTY

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FACULTY DISCLOSURE

As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CME) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so that participants in the activity may formulate their own judgments regarding the presentation.

TUESDAY, APRIL 14, 2009

CONFERENCE AGENDA

6:30–8:00 AM
Registration and Breakfast
Marriott Minneapolis City Center Hotel, 4th Floor Lobby

Session I: Quality in Laboratory Hemostasis and Thrombosis
Moderator: John D. Olson, MD, PhD

7:55–8:00
Welcome and Introduction
William L. Nichols, MD
8:00-8:30  General Quality Planning in the Hemostasis Laboratory  
John D. Olson, MD, PhD

8:30-9:00  Hemostasis Test Validation, Performance and Reference Intervals  
Richard A. Marlar, PhD

9:00-9:30  Sample Integrity and Preanalytical Variables  
Dorothy M. (Adcock) Funk, MD

9:30-10:00  Internal Quality Control in the Hemostasis Laboratory  
Steve Kitchen, PhD

10:00-10:30  Break (Exhibits Open)

10:30-11:00  External Quality Assessment in Hemostasis: Its Importance and Significance  
F. Eric Preston, MD

11:00-11:30  Initial Evaluation of Hemostasis: Reagent and Method Selection  
Wayne L. Chandler, MD

11:30–12:15 PM  Questions and Panel Discussion  
Faculty

12:15-1:45  Luncheon  
Marriott Ballrooms 3 & 4, 4th Floor

Session II: Laboratory Quality Organizations: Updates About New Initiatives and Programs  
Moderator: Piet Meijer, PhD

1:45-2:05  EQATH: Passing and Failing PT/EQA – Results of an EQATH Survey  
John D. Olson, MD, PhD

2:05-2:25  QMP-LS: A Canadian Regional EQA Program – How Labs Get In and Out of Trouble in Ontario  
Anne Raby, MLT, ART

Piet Meijer, PhD

2:45-3:05  UK-NEQAS: What’s New? - EQA for Heparin-Induced Thrombocytopenia (HIT) Testing and LMWH (Low Molecular Weight Heparin) Assays  
Steve Kitchen, PhD

3:05-3:35  Break (Exhibits Open)

3:35-3:55  NASCOLA’s New Studies and Initiatives – Burning Questions, and Networking to Find Answers  
Catherine P.M. Hayward, MD, PhD

Dorothy M. (Adcock) Funk, MD
WEDNESDAY, APRIL 15, 2009

7:30-8:30 AM  Breakfast-With-The-Experts (Simultaneous sessions, repeated on Thursday; pre-registration required)

Session 1: Pediatric Hemostatic Disorders and Testing: A Case-Based Discussion
Georges E. Rivard, MD

Session 2: Heparin-Induced Thrombocytopenia (HIT) and Laboratory Testing
James L. Zehnder, MD

Session 3: Optimizing Testing for Platelet Disorders – The Nitty Gritty of What We Do
Karen A. Moffat, MLT, ART, FCSMLS(D) and Marilyn A. Johnston, MLT, ART

Session 4: Validating New or Revised Diagnostic Tests
Elizabeth A. Plumhoff, MT(ASCP), CLS(NCA) and Marlies R. Ledford-Kraemer, MBA, BS, MT(ASCP) SH

8:40  Announcements and Updates

Session III: Platelet Functional Disorders and Testing
Moderator: James L. Zehnder, MD

8:45-9:30  Platelet Electron Microscopy for Diagnosis of Platelet Disorders
James G. White, MD

9:30-10:00  NASCOLA / ECAT Platelet Aggregometry Interpretive Survey and Proficiency Exercise for Dense Granule Deficiency Evaluation
Catherine P.M. Hayward, MD, PhD

10:00-10:30  Flow Cytometry for Evaluation of Platelet Disorders
Dong Chen, MD, PhD

10:30-11:00  Break (Exhibits and Posters Open)

11:00-11:30  Heparin-Induced Thrombocytopenia (HIT) Laboratory Testing: Results of a New ECAT EQA Initiative
Piet Meijer, PhD

11:30-Noon  Panel Discussion and Questions

Noon-1:30 PM  Luncheon (Marriot Ballrooms 3 or 4)
Conference Luncheon or optional attendance at NASCOLA Members’ Luncheon and Business Meeting (pre-registration required)

Session IV: Coagulation Workshop 1: Platelet Functional Disorders and Testing

SPRING TRAINING: INSTRUMENT & REAGENT PRESENTATIONS
Moderator: William L. Nichols, MD
Presentations by Platelet-related Diagnostics/Instruments/Reagents Companies (Companies to provide speaker)

1:30-1:50  Company A  TBN
1:50-2:10  Company B  TBN
2:10-2:30  Company C  TBN
2:30-2:50  Company D  TBN
2:50-3:30  Break (Exhibits and Posters Open)

WORKSHOP: CASE-BASED TESTING & CLINICAL PRESENTATIONS
Moderator: William L. Nichols, MD
(Faculty Presentations)

3:30-4:00  Case A
            Catherine P.M. Hayward, MD, PhD
4:00-4:30  Case B
            William L. Nichols, MD
4:30-5:00  Case C
            Dong Chen, MD, PhD
5:00  Adjourn  (No pre-scheduled evening conference activities)

THURSDAY, APRIL 16, 2009

7:30-8:30 AM  Breakfast-With-The-Experts (Simultaneous sessions, repeated from Wednesday; pre-registration required)

    Session 1: Pediatric Hemostatic Disorders and Testing: A Case-Based Discussion
                Georges E. Rivard, MD

    Session 2: Heparin-Induced Thrombocytopenia (HIT) and Laboratory Testing
                James L. Zehnder, MD

    Session 3: Optimizing Testing for Platelet Disorders – The Nitty Gritty of What We Do
                Karen A. Moffat, MLT, ART, FCSMLS(D) and Marilyn A. Johnston, MLT, ART

    Session 4: Validating New or Revised Diagnostic Tests
Elizabeth A. Plumhoff, MT(ASCP), CLS(NCA) and Marlies R. Ledford-Kraemer, MBA, BS, MT(ASCP) SH

8:40 Announcements and Updates

Session V: Von Willebrand Factor/Disease (VWF/VWD) and Factor VIII Inhibitors
Moderator: Ellinor I.B. Peerschke, PhD

William L. Nichols, MD

9:10-9:30 VWF/VWD Testing Practices: NASCOLA Survey Results
Wayne L. Chandler, MD

9:30-10:00 Clinical and Laboratory Aspects of Factor VIII Inhibitors: An Overview
Georges E. Rivard, MD

10:00-10:30 Break (Exhibits and Posters Open)

10:30–11:00 Factor VIII Inhibitor Testing: Nijmegen Modifications, Experience and Recommendations
Bert Verbruggen, PhD

Rajiv K. Pruthi, MD

11:20–11:35 NASCOLA Proficiency Testing Results for Factor VIII Inhibitors
Ellinor I.B. Peerschke, PhD

11:35–12:10 PM Panel Discussion and Questions

12:10–1:30 Luncheon
Marriott Ballrooms 3 & 4

Session VI: Coagulation Workshop 2: Coagulation Disorders and Testing

SPRING TRAINING: INSTRUMENT & REAGENT PRESENTATIONS
Moderator: Rajiv K. Pruthi, MBBS
Presentations by Coagulation-related Diagnostics/Instruments/Reagents Companies
(Companies to provide speaker)

1:30–1:50 Company A
TBN

1:50–2:10 Company B
TBN

2:10–2:30 Company C
TBN

2:30–2:50 Company D
TBN

2:50–3:30 Break (Exhibits and Posters Open)

WORKSHOP: CASE-BASED TESTING & CLINICAL PRESENTATIONS
Moderator: Rajiv K. Pruthi, MBBS
(Faculty Presentations)

3:30-4:00  
Case A  
Rajiv K. Pruthi, MBBS

4:00-4:30  
Case B  
William L. Nichols, MD

4:30-5:00  
Case C  
Elizabeth M. Van Cott, MD

5:00  
Adjourn  
(No pre-scheduled evening conference activities)

FRIDAY, APRIL 17, 2009

6:45-7:55AM  Breakfast Buffet (Marriot 4th Floor)

Session VII: Coagulation Testing Potpourri and Scientific Presentations (Selected submitted Abstracts)
Moderator: Dong Chen, MD, PhD

7:55  
Announcements

8:00-8:30  
External Quality Assessment of Point-of-Care Testing (POCT) Devices in Hemostasis Including ACT, ROTEM and TEG  
Steve Kitchen, PhD

8:30-8:45  
Abstract #1  
TBN

8:45-9:15  
EQA Assessment Incorporating Biological Variation  
Piet Meijer, PhD

9:15-9:30  
Abstract #2  
TBN

9:30-10:00  
D-Dimer Assay Issues and Standardization: QMP-LS Studies  
Anne Raby, MLT, ART

10:00-10:30  
Break

10:30-11:00  
Laboratory Monitoring of Heparin Anticoagulation: Current Issues and Recommendations  
Marilyn A. Johnston, MLT, ART

11:00-11:15  
Abstract #3  
TBN

11:15-11:30  
Abstract #4  
TBN

11:30-12:00 PM  Panel Discussion and Questions

12:00  
Adjourn
REGISTRATION

CONFERENCE
The conference registration fee of $550 (physicians/scientists) or $325 (residents/fellows/allied health staff) includes tuition, comprehensive electronic course syllabus, continental breakfasts, lunches, break refreshments and Tuesday evening reception, as well as a copy of Quality in Laboratory Hemostasis and Thrombosis (2009 Wiley-Blackwell, edited by S. Kitchen, J.D. Olson and F.E. Preston). Selected chapter authors are giving topically-related presentations in the opening conference session, and some other chapter authors are speaking in other sessions.

WORKSHOP
The workshop registration fee of $175 includes tuition, electronic course syllabus, afternoon break refreshments and Tuesday evening reception.

Although it is not the policy of Mayo Medical Laboratories Education Department to limit the number of participants, conference room facilities may necessitate closing of enrollment; therefore, early registration is strongly advised. Registration deadline is April 6, 2009.

CANCELLATION POLICY
If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo Medical Laboratories Education Department on or before Monday, April 6 (fax 507-284-8016). No refunds will be made after Monday, April 6.

TRAVEL
Minneapolis, Minnesota (one of the Twin Cities) is located in the heartland of America and is regarded as one of the nation’s most attractive cities. It offers excellent shopping, restaurants, museums, live theaters, and music venues. Located only 11 miles from downtown, the Minneapolis/St. Paul International Airport (MSP) is serviced by nine major and seven regional airlines. Connections with downtown Minneapolis are provided by light-rail, taxicab, and shuttle services. Travel arrangements are the responsibility of the individual registrant.

 Lodging Accommodations

Blocks of rooms have been secured for participants and their guests with special conference rates at the Minneapolis Marriott City Center Hotel. To receive the special rate, you must make reservations before the room block is filled or before the expiration date of Monday, March 30, 2009, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the Mayo Coagulation Quality conference when making a reservation. If making reservations online, please use the group code to receive the special rate (group code – MMLMMLA).

Minneapolis Marriott City Center Hotel
30 South Seventh Street
Minneapolis, MN 55402
612-349-4000
www.marriott.com/property/propertypage/mspcc
$156 single,double

Lodging arrangements are the responsibility of the participant.
PARKING

Parking is available in city ramps. The cost for parking is not included in the registration fee. A map indicating the location of parking facilities will be accessible when your confirmation is e-mailed.

SOCIAL PROGRAMS

Conference and Workshop Reception, Hemostasis Product Display and Poster Viewing  
Tuesday, April 14 from 6-8 PM  
Marriott Fourth Floor - Atrium  
Conference and workshop attendees are cordially invited to the Conference and Workshop Reception, Hemostasis Product Display, and Poster Viewing Session on Tuesday, April 14, from 6 – 8 PM. This reception offers you the perfect opportunity to make connections with existing and new colleagues as well as view the displays and posters. Dress is business casual. Pre-registration is requested.

NASCOLA Membership Meeting and Lunch  
Wednesday, April 15 from Noon to 1:30 PM  
Marriott Fourth Floor  
All conference participants are invited to attend the NASCOLA Membership Meeting and Lunch that will be held in a designated ballroom on the fourth floor of the Marriott on Wednesday, April 15. The meeting Agenda will be posted on the NASCOLA website bulletin board (http://www.nascola.org/bulletin.aspx). Preregistration is required. Attendees not wishing to attend the NASCOLA event will have luncheon in an alternative Ballroom.

Minneapolis and the Twin Cities metropolitan area have a vibrant recreational scene (www.minneapolis.org/thingstodo). Notable art museums near to downtown Minneapolis include: 1) Minneapolis Institute of Arts; 2) Walker Art Center and Sculpture Garden; 3) Frederick R. Weisman Art Museum; and 4) The Museum of Russian Art. Among other activities in the city are its lively theatre district and its musical ambience. Minneapolis has many exceptional restaurants, with cuisine ranging from regional to international. Mall of America is the largest fully enclosed retail and family entertainment complex in the United States. Along with 500 retail stores, restaurants, and nightclubs, the mall features Nickelodeon Universe, the world’s largest indoor theme park, and Underwater Adventures Aquarium, a walk-through aquarium featuring 15,000 fish. The mall is just a 30-minute light-rail ride from downtown Minneapolis.