State-of-the-Art
Thrombophilia

September 21–23, 2006
Phillips Hall
Harold W. Siebens Medical Education Building
Mayo Clinic, Rochester, Minnesota

Presented by:
Mayo Medical Laboratories
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PROGRAM SCHEDULE

- Wednesday, September 20 ..........................................................................................8
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REGISTRATION FORM

- State-of-the-Art Thrombophilia Registration Form .....................................................11
COURSE DESCRIPTION
The objective of this first Mayo Clinic continuing medical education course on thrombophilia is to provide both clinically applicable and cutting-edge material focused on the evaluation of patients who have arterial or venous thrombotic disorders. The course will refresh the basics and provide the latest information and philosophy on the evaluation and treatment of common thrombotic disorders, and also review specific aspects of uncommon thrombotic diseases. There will be an emphasis on clinically applicable scenarios and ample opportunity to ask questions and discuss difficult diagnostic or management issues.

LEARNING OBJECTIVES
At the conclusion of the program, the participant will be able to:

- Recognize the optimal diagnostic strategy of venous thromboembolism
- Employ the latest data for contemporary venous thromboembolism treatment
- Outline recent developments in stroke prevention and treatment
- Assess current management of patent foramen ovale (PFO)
- Review controversies of PFO closure in the stroke patient
- Describe optimal bridging therapy with low molecular weight heparin in the high-risk thrombosis patient
- Determine the role resistance plays in currently available platelet antagonists

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

INTENDED AUDIENCE
This course is designed for practicing clinicians, primary care providers, hematologists, cardiologists, hospitalists, neurologists, and vascular medicine specialists whose practices and interests include clinical aspects of thrombotic disorders.

CREDIT
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this educational activity for a maximum of 15 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity has been reviewed and is acceptable for up to 15 Elective credits by the American Academy of Family Physicians.

Mayo Reference Services is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This program has been approved for 15 P.A.C.E. contact hours. Level of instruction for this program is intermediate.

This program has been approved for 15 credit hours towards State of California and State of Florida credit.

EDUCATIONAL GRANTS
This course is supported, in part, by educational grants in accordance with ACCME Standards.

At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.
DATE AND LOCATION
State-of-the-Art Thrombophilia will be held September 21–23, 2006. Course headquarters will be in Phillips Hall on the first floor of the Siebens Medical Education Building, Mayo Clinic, 100 Second Avenue SW, Rochester, Minnesota. Meeting facilities are easily accessible by skyway and pedestrian subway, which connect Mayo Clinic to shops, restaurants, and hotels.

REGISTRATION
Complete the attached registration form and return by mail or fax. The registration fee of $400 includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, lunches, and welcome reception on Thursday. Although it is not Mayo Medical Laboratories’ policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be e-mailed upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

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 on or before September 7, 2006 (fax: 507-284-8016). No refunds will be made after September 7, 2006.

Mayo Medical Laboratories reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo Medical Laboratories must cancel or postpone this course, Mayo Medical Laboratories will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

TRAVEL
Rochester, Minnesota, is a friendly city that greets thousands of visitors from around the world each year. The city is serviced by a modern international airport with multiple flights daily from Chicago, Detroit, and Minneapolis via American or Northwest Airlines. Access to and from the airport is provided by taxi, shuttle service, and rental car. The airport is located approximately ten miles from the Mayo Clinic campus.

For travel arrangements, you may contact Lori Munson at Corporate Travel at 800-526-4540 or 507-287-7462; fax: 507-281-2409; or e-mail: lori@ctsrst.com. Identify yourself as attending the Mayo Medical Laboratories conference.

Note to Travelers: Several cities in the United States are named Rochester. When you make airline reservations and check your baggage, be sure that your destination is Rochester, Minnesota, (RST) and that your baggage has been properly tagged.

Travel arrangements are the sole responsibility of the individual registrant.
LODGING ACCOMMODATIONS

Guest rooms have been reserved for attendees and their guests with special course rates at each of the following downtown Rochester hotels. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of August 30, 2006, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the State-of-the-Art Thrombophilia course when making your reservation.

KAHLER GRAND HOTEL
20 Second Avenue SW
800-533-1655 or 507-282-2581
$89 single/double

ROCHESTER MARRIOTT HOTEL
101 First Avenue SW
877-623-7775 or 507-280-6000
$119 single/double

The hotels listed above are connected by skyway and pedestrian subway to conference facilities, downtown shops, and restaurants. You may also wish to visit the Rochester Convention and Visitors Bureau Web site (www.rochestercvb.org) for additional accommodation options.

SOCIAL PROGRAMS

Public tours of Mayo Clinic are provided each day of the week beginning at 10:00 AM, except for holidays. The tours originate from Judd Auditorium, Subway Level of the Mayo Building, and last approximately 1.5 hours. The tour includes a 20-minute film on the history and operation of Mayo Clinic plus visits to points of interest in the Mayo, Plummer, and Hilton Buildings. Please make advance reservations by calling 507-538-1091.

Mall of America, the largest fully enclosed retail and family entertainment complex in the United States, is an easy 90-minute drive or shuttle ride from Rochester, Minnesota. Along with 500 retail stores, restaurants, and nightclubs, the mall features The Park at MOA, the world’s largest indoor theme park, and Underwater Adventures® Aquarium, a walk-through aquarium featuring 15,000 fish. Rochester Direct shuttle service will pick up at all local hotels, and departs every two hours from 9:00 AM – 5:00 PM. The cost is $34 per person same-day round-trip. For reservations, call Rochester Direct at 800-280-9270. Check the shuttle schedule at: www.rochesterdirect.com

PARKING

Parking is available in hotel, city, and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee. A map indicating the location of downtown parking facilities will be e-mailed with the registrant confirmation letter.

Lodging arrangements are the sole responsibility of the individual registrant.
WELCOME RECEPTION
Attendees and their guests are cordially invited to join the course faculty for a Welcome Reception on Thursday, September 21, 2006. This casual reception welcomes you to Rochester and the Mayo Clinic campus, officially opens the course, and offers you the perfect opportunity to connect with existing and new colleagues. Preregistration is requested.

FACULTY

COURSE DIRECTOR(S)
Robert D. McBane, MD
Rajiv K. Pruthi, MBBS

MAYO FACULTY
Naser M. Ammash, MD
Aneel Ashrani, MD
Haraldur Bjarnason, MD
Robert D. Brown, MD
Paul R. Daniels, MD
Cindy L. Felty, C-ANP
Kelly D. Flemming, MD
John A. Heit, MD
David R. Holmes, MD
Scott C. Litin, MD
William L. Nichols, MD
Audra A. Noel, MD
George W. Petty, MD
Paula J. Santrach, MD
Win K. Shen, MD
Timothy J. Welch, MD
Alexandra P. Wolanskyj, MD
Waldemar E. Wysokinski, MD

FACULTY DISCLOSURE
As a provider accredited by ACCME, Mayo Clinic College of Medicine (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 these relevant financial relationships will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.
WEDNESDAY, SEPTEMBER 20, 2006

3:00 PM – 5:00 PM  Early Registration

THURSDAY, SEPTEMBER 21, 2006

7:00 AM  REGISTRATION AND CONTINENTAL BREAKFAST
Phillips Hall Foyer

7:50 AM  Welcome and Overview
Robert D. McBane, MD

8:00 AM  Epidemiology/Risk/D-Dimer
John A. Heit, MD

8:30 AM  Diagnosis of Venous Thromboembolism – (cross-sectional imaging)
Timothy J. Welch, MD

9:00 AM  Thrombophilia Testing
Rajiv K. Pruthi, MBBS

9:30 AM  BREAK
Rochester Marriott Ballroom Foyer

10:00 AM  Cancer and Venous Thromboembolism
Aneel Ashrani, MD

10:30 AM  Estrogens and Venous Thromboembolism
Alexandra P. Wolanskyj, MD

11:00 AM  Travel and Venous Thromboembolism
Scott C. Litin, MD

11:30 AM  Prevention of Venous Thromboembolism
John A. Heit, MD

NOON  LUNCH
Rochester Marriott Ballroom

2:00 PM  Contemporary Anticoagulant Therapy for Venous Thromboembolism
Robert D. McBane, MD

2:30 PM  Lytic Therapy for Venous Thromboembolism and Inferior Vena Cava Filters
Haraldur Bjarnason, MD

3:00 PM  Point-of-Care Monitoring
Paula J. Santrach, MD

3:30 PM  BREAK
Rochester Marriott Ballroom Foyer

4:00 PM  Setting Up an Anticoagulant Clinic
Cindy L. Felty, C-ANP

4:30 PM  Case Management/Panel Discussion
Waldemar E. Wysokinski, MD

6:00 PM  WELCOME RECEPTION
Rochester Marriott Ballroom
## FRIDAY, SEPTEMBER 22, 2006

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td><strong>CONTINENTAL BREAKFAST</strong></td>
<td>Phillips Hall Foyer</td>
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<tr>
<td>7:45 AM</td>
<td><strong>Welcome and Overview</strong></td>
<td>Robert D. McBane, MD</td>
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<tr>
<td>8:00 AM</td>
<td><strong>Evaluation of TIA and Ischemic Stroke: Secondary Prevention Strategies</strong></td>
<td>Robert D. Brown, MD</td>
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<tr>
<td>8:30 AM</td>
<td><strong>Management of Acute Ischemic Stroke</strong></td>
<td>Kelly D. Flemming, MD</td>
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<tr>
<td>9:00 AM</td>
<td><strong>Role of Coagulation Testing in the Evaluation of TIA and Ischemic Stroke</strong></td>
<td>Robert D. McBane, MD</td>
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<tr>
<td>9:30 AM</td>
<td><strong>Q &amp; A Panel</strong></td>
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<td>9:45 AM</td>
<td><strong>BREAK</strong></td>
<td>Rochester Marriott Ballroom Foyer</td>
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<tr>
<td>10:15 AM</td>
<td><strong>Atrial Fibrillation: Pathophysiology of Thrombosis</strong></td>
<td>Waldemar E. Wysokinski, MD</td>
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<tr>
<td>10:45 AM</td>
<td><strong>Atrial Fibrillation: Stroke Prevention</strong></td>
<td>Win K. Shen, MD</td>
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<tr>
<td>11:15 AM</td>
<td><strong>Atrial Fibrillation: Novel Therapies to Stroke Prevention</strong></td>
<td>David R. Holmes, MD</td>
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<tr>
<td>11:45 AM</td>
<td><strong>Q &amp; A Panel</strong></td>
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<tr>
<td>2:00 PM</td>
<td><strong>Patent Foramen Ovale and Stroke</strong></td>
<td>Naser M. Ammash, MD, George W. Petty, MD</td>
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<tr>
<td>3:00 PM</td>
<td><strong>Surgical Treatment of Thrombotic Arterial Disease</strong></td>
<td>Audra A. Noel, MD</td>
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<tr>
<td>3:30 PM</td>
<td><strong>Combined Invasive Modality Treatment of Chronic Thrombotic Occlusive Venous Disease</strong></td>
<td>Haraldur Bjarnason, MD, Audra A. Noel, MD</td>
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<td>4:00 PM</td>
<td><strong>Q &amp; A Panel</strong></td>
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<td>8:00 AM</td>
<td><strong>Valve Patients and Bridging</strong></td>
<td>Paul R. Daniels, MD</td>
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<td>8:30 AM</td>
<td><strong>Antiplatelet Agent Resistance</strong></td>
<td>Robert D. McBane, MD</td>
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<td><strong>Case Management/Panel Discussion</strong></td>
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<td><strong>BREAK</strong></td>
<td>Phillips Hall Foyer</td>
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<tr>
<td>10:00 AM</td>
<td><strong>Heparin-Induced Thrombocytopenia</strong></td>
<td>Rajiv K. Pruthi, MBBS</td>
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<td>10:30 AM</td>
<td><strong>Lupus Anticoagulants</strong></td>
<td>William L. Nichols, MD</td>
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<td>11:00 AM</td>
<td><strong>Q &amp; A Panel</strong></td>
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<td>12:00 PM</td>
<td><strong>Adjourn</strong></td>
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# State-of-the-Art Thrombophilia

**ROCHESTER, MINNESOTA • SEPTEMBER 21–23, 2006**

Mail form and payment to: Mayo Medical Laboratories Education Department, 1-402 3050 Superior Drive NW Rochester, MN 55901

Telephone: 800-533-1710 or 507-538-6253 Fax: 507-284-8016

Web site: www.mayo.referenceservices.org E-mail: levell.connie@mayo.edu

**REGISTRATION DEADLINE: SEPTEMBER 5, 2006**

(Please print or type all information. You may duplicate this form for multiple registrations.)

## CONTACT INFORMATION

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## SPECIAL NEEDS

Please check if you have special dietary needs and indicate specific need(s):

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## REGISTRATION

Indicate type of credit you wish to receive:  
- [ ] AMA PRA Category 1 Credit™  
- [ ] AAFP Elective Credit

**Thursday evening reception. No additional charge for participant and one guest**

- [ ] I will attend  
- [ ] I will not attend  
- Guest:  
  - [ ] Yes  
  - [ ] No

Registration Fee: $400  

Total Payment Enclosed: $____________________

## PAYMENT INFORMATION

- [ ] Check Enclosed (payable to Mayo Medical Laboratories)

- [ ] Credit Card:  
  - [ ] Visa  
  - [ ] MasterCard

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Name of Cardholder (as it appears on the card):  

Signature of Cardholder (required):  

Date:  

1-800-533-1710 • MAYO MEDICAL LABORATORIES