Problem Solving in Hormone Replacement Therapy will examine the basics of hormone replacement therapy (HRT) and how those concepts help the practitioner solve patients’ common problems. Alternatives to traditional HRT and future directions, including advanced Selective Estrogen Receptor Modulators (SERMs) and adapter proteins, will be discussed. Following this conference, participants should have expanded insight into variations of HRT usage.

Upon completion of this conference, participants should be able to:

• Compare the various alternatives in HRT
• Explain when menopause begins
• Discuss the various progestin alternatives
• Explain estrogen’s role in breast cancer
• Evaluate the action of estrogen receptors
• Explain estrogen’s action on the brain and balance
• Identify the various SERMs and their actions
• Discuss estrogen’s action as an anti-aging substance

Attendance at this Mayo course does not indicate or guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

This conference is designed for family physicians, obstetricians, gynecologists, general internists and practitioners managing women in menopause.

Mayo Foundation is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Mayo Foundation designates this educational activity for a maximum of 13.75 hours in category 1 credit toward the AMA Physician’s Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

Other health care professionals will be provided a certificate of attendance for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

This course is supported in part by an educational grant from Solvay Pharmaceuticals, in accordance with ACCME Standards.

This course, Hormone Replacement Therapy, will be held January 17 – 19, 2002 at the Loews Miami Beach Hotel in South Beach, Florida. South Beach is home of the Art Deco District, which is on the National Register of Historic Places. In one square mile there are some 800 vintage hotels, stores and houses, all reflecting the unique designs of the twenties and thirties. It is the largest Art Deco collection in the world.
REGISTRATION

To register, complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, and reception. Although it is not Mayo School of Continuing Medical Education policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is strongly advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

CANCELLATION POLICY

Your registration fee, less a $50 administrative fee, will be refunded when written notification of cancellation is received by the Mayo School of Continuing Medical Education before January 3, 2002. No refunds will be made after January 3, 2002.

TRAVEL

American Airlines is the official carrier for this Mayo course. Reduced airfares are available for participants by calling American Airlines at 800-433-1790 / 817-267-2222 or the designated travel agency, Minnesota/Iowa AAA Travel Agency, at 800-888-5908. Please reference this course under Star File Number S9988. Please provide the destination, date and authorization number 7212 AF. AAA can also assist you with ground transportation. Special car rental rates are available through Hertz Car Rental. Reservations can be made by calling the Hertz reservations number, 800-654-2240, your local Hertz office or AAA Travel Agency. The Hertz identification number, CV-022L0468, must be identified to obtain these special rates.

 LODGING ACCOMMODATIONS

Newly opened in 1999, Loews Miami Beach Hotel features the restoration of the landmark St. Moritz Hotel to its original Art Deco splendor as well as a new twelve-story tower. The hotel’s amenities include a business center, concierge, 24-hour room service, turn-down service, dedicated data ports and outlets in rooms, two-line telephones with voice messaging, in-room safe, logo shop and beauty salon. The hotel has six restaurants and lounges, including the Gaucho Room, an Argentinian dining room. The extensive recreation and sports facilities at Loews Miami Beach Hotel feature an ocean front, free-form swimming pool, 20 butler-served cabanas, private access to a 900-foot wide beach, a fitness center and a supervised children’s program, SoBe Kid’s Camp.

Blocks of guestrooms have been reserved with special course rates at the Loews Miami Beach Hotel. To ensure accommodations and the discounted rate, please make your reservations by December 20, 2001, and identify yourself as a participant of the Mayo Clinic Hormone Replacement Therapy course.

SOCIAL PROGRAM

Welcome Reception – Thursday, January 17, 2002

Attendees and their guest(s) are cordially invited to join the course faculty for the Welcome Reception on January 17, 2002. This casual reception welcomes you to South Beach and offers you the perfect opportunity to make connections with existing and new colleagues. Pre-registration is requested.
FACULTY

Course Director
Andrew E. Good, M.D.
Assistant Professor of Obstetrics & Gynecology
Department of Obstetrics and Gynecology

Course Co-Director
Lorraine A. Fitzpatrick, M.D.
Professor of Medicine
Division of Endocrinology

Mayo Faculty
Thomas G. Allison, Ph.D., M.P.H.
Associate Professor of Medicine
Division of Cardiology

Robert H. Heise, M.D.
Assistant Professor of Obstetrics and Gynecology
Department of Obstetrics and Gynecology

Lynn C. Hartmann, M.D.
Professor of Oncology
Department of Oncology

Virginia M. Miller, Ph.D.
Professor of Surgery and Physiology
Department of Surgery

Sharon L. Mulvaugh, M.D.
Associate Professor of Medicine
Division of Cardiology

Lynne T. Skuster, M.D.
Assistant Professor of Medicine
Division of Area General Internal Medicine

Guest Faculty
Richard E. Blackwell, M.D., Ph.D.
Professor of Obstetrics and Gynecology
University of Alabama at Birmingham
Birmingham, Alabama

Stanley J. Birge, M.D.
Associate Professor of Medicine
Division of Geriatrics
Washington University School of Medicine

Carolyn L. Smith, M.D.
Assistant Professor of Molecular and Cellular Biology
Baylor University
Houston, Texas

Sarah L. Berga, M.D.
Professor and Director
Division of Reproductive Endocrinology and Infertility
Departments of Obstetrics, Gynecology, and Reproductive Sciences and Psychiatry
The University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

John P. Bilezikian, M.D.
Professor of Medicine
Division of Endocrinology
College of Physicians and Surgeons
Columbia Presbyterian
630 West 168th Street
New York, New York

FACULTY DISCLOSURE

As a provider accredited by ACCME, Mayo Foundation must ensure balance, independence, objectivity and scientific rigor in its educational activities. All faculty participating in a Mayo Foundation activity are required to disclose commitments to and/or relationships with pharmaceutical companies, biomedical device manufacturers or distributors, or others whose products or services may be considered to be related to the subject matter of the educational activity. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these commitments and/or relationships will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.
## Course Schedule

### THURSDAY, JANUARY 17, 2002

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM – 8:45 AM</td>
<td>Dr. Shuster</td>
<td>Alternatives in Estrogen Use – Different Ways</td>
</tr>
<tr>
<td>8:45 AM – 9:30 AM</td>
<td>Dr. Heise</td>
<td>When Does Menopause Begin?</td>
</tr>
<tr>
<td>9:30 AM – 10:15 AM</td>
<td>Dr. Good</td>
<td>Progestin Alternatives</td>
</tr>
<tr>
<td>10:15 AM – 10:30 AM</td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>10:30 AM – 10:45 AM</td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>10:45 AM – 11:30 AM</td>
<td>Dr. Miller</td>
<td>Estrogen’s Action in the Cell</td>
</tr>
<tr>
<td>11:30 AM – 12:15 PM</td>
<td>Dr. Hartmann</td>
<td>Breast Cancer and HRT: The Issues</td>
</tr>
<tr>
<td>12:15 PM – 1:00 PM</td>
<td></td>
<td>Panel Discussion</td>
</tr>
<tr>
<td>1:00 PM</td>
<td></td>
<td>Adjourn for Afternoon</td>
</tr>
<tr>
<td>6:00 PM – 7:00 PM</td>
<td></td>
<td>Reception</td>
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### FRIDAY, JANUARY 18, 2002

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM – 8:45 AM</td>
<td>Dr. Smith</td>
<td>The Action of the Estrogen Receptor</td>
</tr>
<tr>
<td>8:45 AM – 9:30 AM</td>
<td>Dr. Birge</td>
<td>Estrogen's Effects on the Brain, Balance and the Skeleton</td>
</tr>
<tr>
<td>9:30 AM – 10:15 AM</td>
<td>Dr. Fitzpatrick</td>
<td>SERMs</td>
</tr>
<tr>
<td>10:15 AM – 10:30 AM</td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>10:30 AM – 10:45 AM</td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>10:45 AM – 11:30 AM</td>
<td>Dr. Blackwell</td>
<td>Androgens and Menopause</td>
</tr>
<tr>
<td>11:30 AM – 12:15 PM</td>
<td>Dr. Berga</td>
<td>Estrogens as Anti-Aging Substances</td>
</tr>
<tr>
<td>12:15 PM – 12:30 PM</td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>12:30 PM – 1:30 PM</td>
<td></td>
<td>Luncheon and Panel Discussion: Should Estrogen Ever Be Used?</td>
</tr>
<tr>
<td>1:00 PM</td>
<td></td>
<td>Adjourn for Afternoon</td>
</tr>
</tbody>
</table>

### SATURDAY, JANUARY 19, 2002

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM – 8:45 AM</td>
<td>Dr. Bilezikian</td>
<td>Imaging and Diagnosis of Osteoporosis</td>
</tr>
<tr>
<td>8:45 AM – 9:30 AM</td>
<td>Dr. Fitzpatrick</td>
<td>Treatment of Osteoporosis</td>
</tr>
<tr>
<td>9:30 AM – 10:15 AM</td>
<td>Dr. Mulvaugh</td>
<td>Cardioprotection and Estrogen – What Is Really Known</td>
</tr>
<tr>
<td>10:15 AM – 10:30 AM</td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>10:30 AM – 10:45 AM</td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>10:45 AM – 11:30 AM</td>
<td>Dr. Allison</td>
<td>Treatment of Lipids with HRT</td>
</tr>
<tr>
<td>11:30 AM – 12:15 PM</td>
<td>Dr. Heise</td>
<td>Summing Up: Practical Aspects of HRT</td>
</tr>
<tr>
<td>12:15 PM – 12:30 PM</td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>12:30 PM</td>
<td></td>
<td>Adjournment of Meeting</td>
</tr>
</tbody>
</table>
Contemporary Issues in 
HORMONE REPLACEMENT THERAPY

January 17 – 19, 2002

Loews Miami Beach Hotel • South Beach, Florida

Rate: $259 Single/Double, plus tax

Reservation request and one night’s deposit must be received by December 20, 2001. All reservations received after this date will be confirmed only if there is space available. Please note guests checking out prior to their stated departure date will be charged an early departure fee.

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

Name_____________________________________________Degree _______________________
Address________________________________________________________________________
City_________________State/PV________ZIP/Postal Code________Country_____________
Home Telephone (______)________________ Business Telephone (______)_______________
Int'l Telephone (Country code)_________(City code)_________Phone___________________
FAX____________________________________________________________________________
Arrival Date__________________________________at_________________________AM/PM
Departure Date _______________________________at_________________________AM/PM

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

Name_____________________________________________Degree _______________________
Address________________________________________________________________________
City_________________State/PV________ZIP/Postal Code________Country_____________
Home Telephone (______)________________ Business Telephone (______)_______________
Int'l Telephone (Country code)_________(City code)_________Phone___________________
FAX____________________________________________________________________________
Arrival Date__________________________________at_________________________AM/PM
Departure Date _______________________________at_________________________AM/PM

PAYMENT

Deposit Enclosed $_______________
Charge to my credit card #___________________________________________
Cardholder Name (as appearing on credit card) ______________________________________________________
Expiration Date (MO/YR) ___/___

☐ Credit Card: ☐ Visa ☐ MasterCard ☐ Discover

Card Number: Expiration date MO/YR

Signature: Date

Special Request: Number of rooms required__________ ☐ Smoking ☐ Non Smoking
☐ Handicap accessible ☐ Crib required ☐ King ☐ Two double beds
Other______________________________________________________________
List guests(s) sharing room (if any)______________________________

Return to: Loews Miami Beach Hotel
1601 Collins Avenue
Miami Beach, Florida 33139
Reservations: 305-604-1601 extension #5657
Reservation Fax: 305-535-5218
Main Hotel Number: 305-604-1601
Hotel Guest Fax: 305-604-3999
Contemporary Issues in
Hormone Replacement Therapy
January 17 – 19, 2002

Loews Miami Beach Hotel • South Beach, Florida

Mail form and payment to:
Mayo School of Continuing Medical Education
200 First St SW
Rochester, MN 55905

Telephone: 800-323-2688
507-284-2509
FAX: 507-284-0532
Web Site: www.mayo.edu
E-Mail: cme@mayo.edu

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

Name_____________________________________________Degree _______________________

Institution ______________________________________________________________________

Medical Specialty________________________________________________________________

E-mail Address__________________________________________________________________

Which do you prefer to be your mailing address:  □ Work/Business  □ Home

Work Address___________________________________________________________________

City_________________State/PV________ZIP/Postal Code________Country_____________

Home address___________________________________________________________________

City_________________State/PV________ZIP/Postal Code________Country_____________

Home Telephone (______)________________ Business Telephone (______)_______________

Int’l Telephone (Country code)_________(City code)_________Phone___________________

FAX____________________________________________________________________________

Type of credit that you are interested in receiving:  □ AMA/Category 1  □ AAFP

☐ Please check if you have any special assistance needs or dietary restrictions.

Please indicate your needs here:

Pay anment

Registration Fee:  Before 12/20/01  After 12/20/01 Amount Paid

Physicians – $450 $500 $ ________
Residents, Physician Assistants, Nurses, and Nurse Practitioners – $350 $400 $ ________

Total Payment Enclosed: $ ________ $ ________

☐ Check (payable to Mayo Foundation)  ☐ Visa  ☐ MasterCard  ☐ Discover

Card Number ___________________________ Expiration date MO/YR

Signature ____________________________ Date _____________________________

Web Site: www.mayo.edu

E-Mail: cme@mayo.edu