

11th Mayo Clinic
Endocrine Course



April 16 - 19, 2008

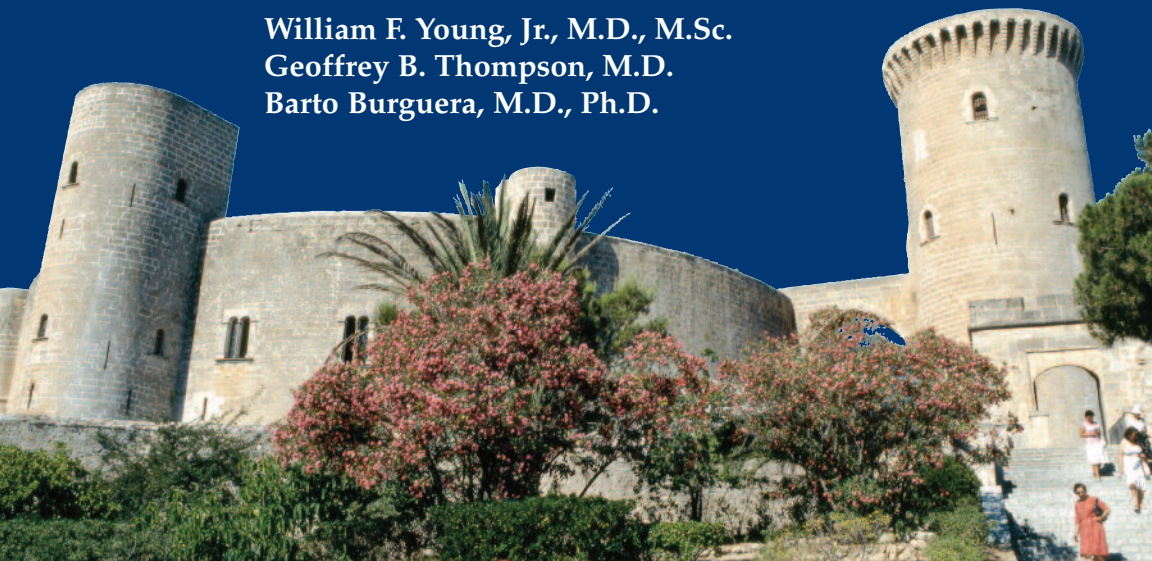
**Gran Meliá Victoria Hotel
Palma de Mallorca, SPAIN**

Course Directors:

William F. Young, Jr., M.D., M.Sc.

Geoffrey B. Thompson, M.D.

Barto Burguera, M.D., Ph.D.



WORKSHOP OPPORTUNITY

Thyroid Ultrasound – *April 16, 2008*

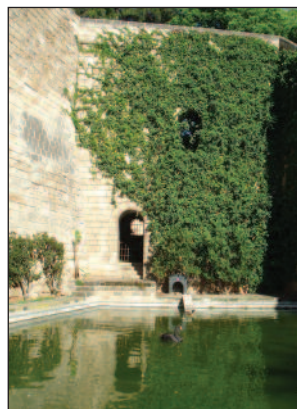
General Information

COURSE DESCRIPTION & OBJECTIVES

Designed for endocrinologists and interested internists and surgeons, the Eleventh Mayo Clinic Endocrine Course will offer the latest material on the diagnosis and treatment of endocrine disorders. Faculty members are selected from Mayo Clinic for their expertise, knowledge and clinical acumen. This 3½-day (9:00 a.m. – 6:00 p.m. daily) course will span the full spectrum of endocrinology through lectures, debates, clinicopathologic sessions, “clinical pearls” sessions, and round table discussions with experts. There will be plenty of opportunity for interaction with the course faculty.

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

- Summarize the management of subclinical thyroid disease.
- Discuss hyperthyroidism practice guidelines.
- Review the approach to the patient with toxic nodular goiter.
- Consider the problem of amiodarone-induced thyroid dysfunction.
- Review the management of the patient with hypercalcemia.
- Discuss the surgical approach to the patient with hyperparathyroidism.
- Assess the anesthetic management of the endocrine patient.
- Review the latest information on osteoporosis management.
- Discuss bone and mineral disorders in adolescents.
- Summarize current treatment issues with bisphosphonates.
- Assess the merits of different treatment approaches in a case-based debate format: Optimal treatment—surgical vs. nonsurgical—for toxic multinodular goiter (Plummer’s disease).
- Review the role for thyroid ultrasound in clinical practice.
- Discuss unusual thyroid function tests.
- Review case-based clinical pearls in thyroid cancer.
- Summarize the approach to lipid disorders in the patient with diabetes mellitus.
- Review the management of diabetic ketoacidosis.
- Discuss case management for patients with obesity, renal disease, hyperlipidemia, pituitary disorders, endocrine surgery issues, thyroid cancer, diabetes mellitus, bone and calcium disorders, hypoglycemia, and diabetes in pregnancy.
- Examine guidelines for diabetes management.
- Consider approaches to the patient with hypoglycemia.
- Review incretin-based treatments for diabetes.
- Assess merits of different approaches in a case-based debate format: Should growth hormone therapy be continued in the adolescent after goal height is achieved?
- Review the role for beta-cell replacement in type 1 diabetes.
- Discuss the evaluation of the patient with suspected Cushing’s syndrome.
- Review the surgical management of Cushing’s syndrome at Mayo Clinic.
- Review case-based clinical pearls in patients with pituitary and adrenal disorders.
- Discuss what is new in glucocorticoid replacement therapy.
- Review issues related to vasopressin and the kidney.
- Discuss “Intensive Care Unit Endocrinology.”
- Review the therapeutic approach to the morbidly obese patient.
- Consider the different types of bariatric surgery.
- Formulate approaches for the follow-up of the bariatric surgery patient.
- Assess different approaches to the management of diabetes in pregnancy.
- Review case-based clinical pearls in patients with bone and mineral disorders.
- Assess merits of different management strategies in a computer-based clinicopathologic session on thyroid, pituitary/adrenal, bone mineral, and hypoglycemia cases.
- Discuss lessons learned from patients with endocrine disorders when management setbacks occurred.



INTENDED AUDIENCE

This course is intended for endocrinologists, endocrine surgeons, radiologists, pathologists and general internists with an interest in endocrine disorders. The official language for the course is English; however, simultaneous Spanish translation will be provided.

General Information

DATE AND LOCATION

The *11th Mayo Clinic Endocrine Course* will be held April 16 – 19, 2008, at the Gran Meliá Victoria Hotel, Palma de Mallorca, SPAIN. The luxurious Gran Meliá Victoria hotel is located on the Paseo Marítimo, in the heart of the Bay of Palma, the majority of its 171 rooms and suites offering sea views. The hotel is close to the historic city center, and the famous Cathedral is only a 15 minute walk down the Paseo Marítimo. Five nearby (5 to 20 km) golf courses offer special discounted green fees for hotel guests. The International Airport Son Sant Joan (PMI) is 12 km away.

Mallorca, the largest of the five Balearic Archipelago Islands, is a natural bridge between Menorca and Ibiza. The land mass of 3,640 km² offers 500 km of coastline. Throughout its history, several cultures have modeled a unique heritage that will offer the visitor many different aspects of the Latin world. The almost mythical vistas of the island were inhabited in turn by Carthaginians, Romans, and Arabs, providing an exotic mixing of architecture, gastronomy and culture. Landscapes show a notorious variety: the rugged mountains of the Tramuntana heavily contrast with the vast central plain, soft hills of the lllevant and the marvelous succession of cliffs, coves, bays, and sandy beaches that shape one of the most frequented coasts of the whole Mediterranean Sea.

REGISTRATION

To register online, visit <http://endocourse.mayo.edu> or complete the attached registration form and return by mail or fax. The registration fee of 500 Euro (\$675 USD) for physicians and 400 Euro (\$550 USD) for non-physicians includes tuition, comprehensive course syllabus, course bag, break refreshments, lunches, Welcome Reception on Wednesday, April 16, 2008, Wine and Cheese Case Discussion Round Tables on Thursday, April 17, 2008, and the Gala Dinner on Saturday, April 19, 2008.

The *Thyroid Ultrasound Workshop* registration fee of 90 Euro (\$125 USD) includes comprehensive course syllabus and a light lunch.

Pre-registration is required and must be received by April 1, 2008. Although it is not Mayo Clinic Endocrine Course policy to limit the number of registrants for a course, facilities may necessitate closing of enrollment; therefore, early registration is 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 75 Euro (\$100 USD) administrative fee, will be refunded when written notification is received before **April 1, 2008**. Notification is encouraged via fax to 507-284-5745 (in USA) or (+34) 971-774-066 (in Europe). **No refunds will be made after April 1, 2008.**

CONTINUING EDUCATION CREDIT

AACME Credit Designation

This activity has been planned and implemented in accordance with the AACME's accreditation standards & policies and the essential areas and their elements. The 11th Mayo Clinic Endocrine Course is accredited by the American Academy of Continuing Medical Education (AACME) to sponsor continuing medical education for physicians. The Planning Committee of the *11th Mayo Clinic Endocrine Course* takes responsibility for the content, quality and scientific integrity of this CME activity. The Planning Committee of the *11th Mayo Clinic Endocrine Course* presents this activity for educational purposes only. Participants are expected to utilize their own expertise and judgment while engaged in the practice of medicine. The content of the presentations is provided solely by presenters who have been selected because of their recognized expertise.

AACME Accreditation Statement

The Accreditation Review Committee (ARC) of the American Academy of Continuing Medical Education (AACME) designates this medical educational activity for a maximum of 25.0 hours in Category 1 credit of the AACME Designation. Each physician should claim only those credits that he/she actually spent in the activity.



General Information

TRAVEL

Taxi service (approx. 20 Euro) is available between The International Airport Son Sant Joan (PMI) and the Gran Meliá Victoria Hotel. The hotel is 20 minutes from the airport.

LODGING ACCOMMODATIONS

Gran Meliá Victoria Hotel features 171 rooms, the majority offering fabulous views of the Bay. The hotel has an outdoor swimming pool, indoor heated pool, outdoor fitness center, and a splendid breakfast buffet (included with room rate) served in the Restaurant Marivent.

Rooms have been reserved for course participants and guests at Gran Meliá Victoria Hotel, Meliá Palas Atenea Hotel (200 meters away), and Tryp Bellver (1.5 km away). To ensure accommodations at this special group rate, make your reservation before March 1, 2008. The Gran Meliá Victoria Hotel, the Meliá Palas Atenea Hotel, and the Tryp Bellver Hotel will, at their sole discretion, continue to accept reservations after this cut-off date on a space available basis at the group rates.

	Gran Meliá Victoria	Meliá Palas Atenea	Tryp Bellver
Standard double*	195 Euro	150 Euro	132 Euro
Standard double for single use	175 Euro	136 Euro	117 Euro

*Specify with hotel 1 double bed or 2 single beds.

Rates per room per day; buffet breakfast included. 7% VAT not included.

Reservations can be made by contacting:

- Gran Meliá Victoria Hotel, Avenida Joan Miró, 21, Palma de Majorca, SPAIN 07014
Tel: (34) 971 732542 - Fax: (34) 971 450824 - E-mail: gran.melia.victoria@solmelia.com
Reservation hotline from the USA: 1-888-95-MELIA
Reservation hotline from the UK: 0808 234 1953
- Meliá Palas Atenea Hotel, Paseo Ingeniero Gabriel Roca, 29 Palma de Majorca, SPAIN 07014
Tel: (34) 971 281400 - Fax: (34) 971 451989 - E-mail: melia.palas.atenea@solmelia.com
Reservation hotline from the USA: 1-888-95-MELIA
Reservation hotline from the UK: 0808 234 1953
- Tryp Bellver Hotel, Paseo Marítimo, 11 Palma de Majorca, SPAIN, 07014
Tel: (34) 971 222240 - Fax: (34) 971 284182 - E-mail: tryp.bellver@solmelia.com
Reservation hotline from the USA: 1-888-95-MELIA
Reservation hotline from the UK: 0808 234 1953

When making your reservation, identify yourself as a participant of the *“Eleventh Mayo Clinic Endocrine Course.”* Check-in time begins at 3:00 p.m. Check-out time is 12:00 noon.

Maximum guestroom capacity is three (3) adults, or two (2) adults and one (1) child. A third person charge is applied for the third person if 2 years old or older. The third person charge is 60 Euro (Gran Meliá Victoria Hotel), 55 Euro (Meliá Palas Atenea Hotel) and 38 Euro (Tryp Bellver Hotel). A rollaway bed is included in this charge. Baby cribs are provided without a charge.

The Gran Meliá Victoria, Meliá Palas Atenea, and Tryp Bellver Hotels will extend this special group rate three (3) days prior to and after the course, subject to availability.

For more information about Gran Meliá Victoria and Meliá Palas Atenea Hotels visit their websites at:

http://www.solmelia.com/solNew/hoteles/jsp/C_Hotel_Description.jsp?codigoHotel=0754

http://www.solmelia.com/solNew/hoteles/jsp/C_Hotel_Description.jsp?codigoHotel=0738

http://www.solmelia.com/solNew/hoteles/jsp/C_Hotel_Description.jsp?codigoHotel=0705

SOCIAL ACTIVITIES

The following social activities are complimentary for all course registrants. Additional guest tickets are available and can be requested on the course registration form. The guest ticket fee for adults is 75 Euro (\$100 USD) each and 35 Euro (\$50 USD) for children under 18 years of age and includes both evening events.

General Information

Welcome Reception – Wednesday, April 16, 2008 (8:00 - 10:00 p.m.)

Wednesday evening at Bellver Castle. The “Wines of Mallorca” will be featured. This casual reception welcomes attendees to the Palma and Mallorca and offers the perfect opportunity to meet new colleagues in a spectacular setting. Pre-registration is requested.

“A Taste of Spain—Gala Dinner at Bahia Mediterranean”

Saturday, April 19, 2008 (8:00 p.m. Reception; 9:00 p.m. Dinner)

Join us for this special reception and dinner featuring select foods from the region. Held in the Bahia Mediterranean Restaurant, Paseo Marítimo 33. 5 piso. 07014. Palma de Mallorca. Pre-registration is requested.

RECREATION/LEISURE ACTIVITIES

Several activities will be available and include:

- **Palma City Tour**—Wednesday, April 16th (10:00 a.m. – noon) and again Sunday, April 20th, (10:00 a.m. – noon). Complimentary for course participants and family members. Advance registration encouraged.
- **Visit to Sa Cartoixa**, a monastery located in Valldemossa, a picturesque village placed also in the Tramuntana Mountains. The famous pianist Frederich Chopin and the writer George Sand spent two months in *Sa Cartoixa*, and the rooms where they lived can be visited. Available Wednesday, April 16th (9:00 a.m. – 1:00 p.m.) and again on Sunday April 20th (9:00 a.m. – 1:00 p.m.) Fee: 30 Euro. (\$40 USD) Advance registration required. Box lunch included.
- **Beach shuttle** – weather permitting. Departs daily (Wednesday through Sunday) from Gran Meliá Victoria Hotel lobby at 9:00 a.m. and returns at 1:00 p.m. Complimentary for course participants and family members.
- Additional information on tours and leisure activities will be available on site.

COURSE HIGHLIGHTS

The official language for the course is English; however, simultaneous Spanish translation will be provided.

Endocrine “Case Snappers”

Participants are invited to submit a case for consideration for presentation during one of the “Case Snapper” sessions. This is a brief presentation of a case by an attendee. An assigned Mayo Clinic faculty member will discuss the case and make a probable diagnosis or suggest the next best step in the evaluation. The presenter then provides the “answer/conclusion” to the case.

If interested in submitting a case for presentation in this session, please send a brief abstract (<250 words) including title and co-authors by March 1, 2008, to young.william@mayo.edu or FAX to the attention of Dr. William Young @ 507-284-5745. Up to seven cases will be selected for presentation. Authors of selected cases will receive additional information from course directors prior to the course.

Case-Based Debates

- A case will be presented by the moderator.
- Using an audience response system, the attendees will vote for “treatment A” or “treatment B.”
- Two debaters will present their arguments.
- The moderator will ask structured questions for comment from the debaters and attendees.
- After hearing the debate, the audience will re-vote on the treatment options.

Clinicopathologic Conference (CPC)

- Unknown cases are presented to faculty members.
- Using a computer-based test menu system, a faculty member works through the case step-by-step.
- The audience response system is used frequently during the session as the case unfolds.

General Information

Short Lectures

- All didactic lectures will be limited to 25 minutes.
- Open panel question and answer periods will follow each group of 2 to 4 lectures.

Clinical Pearls

- Clinical “Pearls” are concise practical insights relevant to the practicing endocrinologist but not widely appreciated.
- This session is case-based and fast-paced.
- The faculty presents brief clinical cases illustrating important teaching points.
- Attendees should leave each pearl session with a rich list of important clinical pearls that are directly applicable to patient care

Setbacks in Endocrinology

Mayo Clinic faculty will share setbacks encountered in patient management and the lessons that they learned.

FACULTY

Course Directors

William F. Young, Jr., M.D., M.Sc.

Geoffrey B. Thompson, M.D.

Barto Burguera, M.D., Ph.D.

Course Planning Committee

Barto Burguera, M.D., Ph.D.

Bart L. Clarke, M.D.

M. Regina Castro, M.D.

John M. Miles, M.D.

Peter J. Tebben, M.D.

Geoffrey B. Thompson, M.D.

Robert A. Wermers, M.D.

William F. Young, Jr., M.D., M.Sc.

Local Planning Committee

Barto Burguera, M.D., Ph.D.

Marta E. Couce MD, PhD

Jordi Forteza MD

Honorato Garcia MD

Alberto Pagan MD

Vicente Pereg MD

Maria Riesco MD, PhD

Course Faculty

Charles F. Abboud, M.B.B.Ch.

Rebecca S. Bahn, M.D.

Michael D. Brennan, M.D.

Barto Burguera, M.D., Ph.D.

Bart L. Clarke, M.D.

*Maria L. Collazo-Clavell,
M.D.*

M. Regina Castro, M.D.

Diana S. Dean, M.D.

David R. Farley, M.D.

Clive S. Grant, M.D.

Ian D. Hay, M.D., Ph.D.

Roger E. Hofer, M.D.

Michael L. Kendrick, M.D.

Yogish C. Kudva, M.B.B.S.

John M. Miles, M.D.

John C. Morris, III, M.D.

K. Sree Nair, M.D.

Roger L. Nelson, M.D.

Todd B. Nippoldt, M.D.

Melanie L. Richards, M.D.

F. John Service, M.D., Ph.D.

Peter J. Tebben, M.D.

Geoffrey B. Thompson, M.D.

Vicente Torres, M.D., Ph.D.

Robert A. Wermers, M.D.

*William F. Young, Jr.,
M.D., M.Sc.*

FACULTY DISCLOSURE

As a provider accredited by ACCME, the Mayo Clinic Division of Endocrinology, Diabetes, Metabolism, and Nutrition must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course directors, 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 relevant information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

DISCLAIMER

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

Optional Workshop

THYROID ULTRASOUND WORKSHOP

9:00 a.m. – 2:00 p.m., Wednesday, April 16, 2008

Fee: 90 Euro (\$125 USD)

Pre-registration required. Enrollment is limited to 50 participants.

Designed for endocrinologists, this introductory workshop will include normal thyroid and head and neck anatomy; examination of thyroid nodules, abnormal parathyroid glands, and lymph nodes; and offer a practicum with hands on use of ultrasound equipment and ultrasound-guided biopsy.

AACME Credit Designation

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AACME Accreditation Statement

The Accreditation Review Committee (ARC) of the American Academy of Continuing Medical Education (AACME) designates this medical educational activity for a maximum of 2.5 hours in Category 1 credit of the AACME Designation. Each physician should claim only those credits that he/she actually spent in the activity.

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

Defining the Anatomy of the Neck

- Visually identify the anatomy of the neck (e.g., trachea, muscles, and vessels).
- Recognize parathyroid adenomas and other neck pathology.

Physics and Principles of Ultrasound

- Review sonographic interpretation of the ultrasound image including basic terminology, gray scale characteristics of normal and abnormal structures.

Evaluation and Analysis of Thyroid Nodules

- Identify and measure thyroid nodules.
- Recognize ultrasound characteristics of benign and malignant nodules that have predictive value in guiding treatment.
- Review multinodular goiter.

Ultrasound Guided FNA Biopsy

- Discuss the indications for US-guided FNA biopsy.
- Review techniques and the limitation of performing the ultrasound guided FNA biopsy.

Case Examples

- Demonstrate the utility of thyroid ultrasound in multiple clinical settings.

Laboratory

- Demonstrate US scanning in normal patients and patients with thyroid nodules.
- Review the anatomy of the neck.
- Review US-guided FNA biopsy technique on thyroid nodules and lymph nodes using phantoms and videos with participation of attendees.

Faculty

Diana S. Dean, M.D., Workshop Director, M. Regina Castro, M.D., John C. Morris, III, M.D., Santiago Tofe MD, and Iñaki Arguelles MD

Program Schedule

WEDNESDAY, APRIL 16, 2008

- 8:00 a.m. - 6:00 p.m. Registration
- 9:00 a.m. - 2:00 p.m. **Optional Workshop – Thyroid Ultrasound Workshop**
- 3:00 p.m. Welcome and Opening Comments
William F. Young, Jr., M.D., M.Sc. and Barto Burguera, M.D., Ph.D.
- 3:15 p.m. Case Snapper
- Moderator: Michael D. Brennan, M.D.**
- 3:30 p.m. Subclinical Thyroid Disease
John C. Morris, III, M.D.
- 3:55 p.m. Hyperthyroidism Practice Guidelines
Rebecca S. Bahn, M.D.
- 4:20 p.m. Surgical Management of the Toxic Nodular Goiter
Melanie L. Richards, M.D.
- 4:45 p.m. Panel Question and Answer Session
- 5:00 p.m. Refreshment Break and Exhibits
- Moderator: John C. Morris, III, M.D.**
- 5:30 p.m. Computer-Based CPC: Thyroid Case
Presenter: *John C. Morris, III, M.D.*
Discussant: *Ian D. Hay, M.D., Ph.D.*
- 6:00 p.m. Amiodarone-Induced Thyroid Dysfunction
Michael D. Brennan, M.D.
- 6:25 p.m. Endocrinology in Spain
President, Spanish Endocrine Society
- 6:50 p.m. Panel Question and Answer Session
- 7:00 p.m. Adjourn
- 8:00 p.m. Welcome Reception: Bellver Castle

THURSDAY, APRIL 17, 2008

- 9:00 a.m. Case Snapper
- Moderator: Geoffrey B. Thompson, M.D.**
- 9:15 a.m. Hypercalcemia
Bart L. Clarke, M.D.
- 9:40 a.m. Surgery for Hyperparathyroidism
Clive S. Grant, M.D.
- 10:05 a.m. Anesthetic Management of the Endocrine Patient
Roger E. Hofer, M.D.
- 10:30 a.m. Panel Question and Answer Session
- 10:45 a.m. Refreshment Break and Exhibits
- Moderator: Clive S. Grant, M.D.**
- 11:15 a.m. Computer-Based CPC: Bone-Calcium Case
Presenter: *Bart L. Clarke, M.D.*
Discussant: *Robert A. Wermers, M.D.*
- 11:45 a.m. Update on Osteoporosis Management
Robert A. Wermers, M.D.
- 12:10 p.m. Bone and Mineral Disorders in Adolescents
Peter J. Tebben, M.D.
- 12:35 p.m. Issues with Bisphosphonates
Bart L. Clarke, M.D.
- 1:00 - 1:15 p.m. Panel Question and Answer Session
- 1:30 p.m. Lunch with Faculty
- 3:00 p.m. Case Snapper



Program Schedule

Moderator: *Melanie L. Richards, M.D.*

- 3:15 p.m. Case-Based Debate: Optimal Treatment for Toxic Multinodular Goiter (Plummer's Disease): Nonsurgical vs. Surgical Case – *John C. Morris, III, M.D.*
"Nonsurgical" – *Michael D. Brennan, M.D.*
"Surgical" – *David R. Farley, M.D.*
- 4:00 p.m. Role for Thyroid Ultrasound in Clinical Practice
Diana S. Dean, M.D.
- 4:25 p.m. Unusual Thyroid Function Tests
John C. Morris, III, M.D.
- 4:50 p.m. Thyroid Cancer Clinical Pearls
Ian D. Hay, M.D., Ph.D.
- 5:30 p.m. Panel Question and Answer Session
- 5:45 - 7:00 p.m. Roundtable Case Discussions over Wine and Cheese
- Obesity – *Maria L. Collazo-Clavell, M.D. and Michael L. Kendrick, M.D.*
 - Renal Disease – *Vicente Torres, M.D., Ph.D.*
 - Lipids – *M. Regina Castro, M.D.*
 - Pituitary – *Charles F. Abboud, M.B.B.Ch.*
 - Endocrine Surgery – *Clive S. Grant, M.D.*
 - Thyroid Cancer – *Ian D. Hay, M.D., Ph.D. and Melanie L. Richards, M.D.*
 - Diabetes – *John M. Miles, M.D.*
 - Bone/Calcium – *Bart L. Clarke, M.D. and David R. Farley, M.D.*
 - Hypoglycemia – *F. John Service, M.D., Ph.D. and Geoffrey B. Thompson, M.D.*
 - Diabetes and Pregnancy – *Roger L. Nelson, M.D.*

FRIDAY, APRIL 18, 2008

9:00 a.m. Case Snapper

Moderator: *F. John Service, M.D., Ph.D.*

9:15 a.m. Diabetic Dyslipidemia
M. Regina Castro, M.D.

9:40 a.m. Management of Diabetic Ketoacidosis
John M. Miles, M.D.

10:05 a.m. Guidelines in the Management of Diabetes
K. Sree Nair, M.D.

10:30 a.m. Panel Question and Answer Session

10:45 a.m. Refreshment Break and Exhibits

Moderator: *John M. Miles, M.D.*

11:15 a.m. Computer-Based CPC: Pituitary-Adrenal Case
Presenter: *William F. Young, Jr., M.D., M.Sc.*
Discussant: *Todd B. Nippoldt, M.D.*

11:45 a.m. Hypoglycemia
F. John Service, M.D., Ph.D.

12:10 p.m. Incretin-Based Treatments of Diabetes
M. Regina Castro, M.D.

12:35 p.m. Update on Beta-cell Replacement in Type 1 Diabetes
Yogish C. Kudva, M.B.B.S.

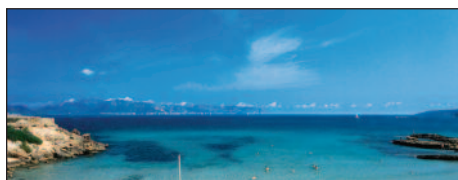
1:00 - 1:15 p.m. Panel Question and Answer Session

1:30 p.m. Lunch with Faculty

3:00 p.m. Case Snapper

Moderator: *Charles F. Abboud, M.B.B.Ch.*

3:15 p.m. Case-Based Debate: Should Growth Hormone Therapy Be Continued in the Adolescent After Goal Height is Achieved?
Case – *William F. Young, Jr., M.D., M.Sc.*



Program Schedule

"Yes" – *Todd B. Nippoldt, M.D.*

"No" – *Peter J. Tebben, M.D.*

4:00 p.m. Evaluation for Cushing's Syndrome
William F. Young, Jr., M.D.

4:25 p.m. Surgical Management of Cushing's Syndrome at Mayo Clinic:
A 10-Year Review
Geoffrey B. Thompson, M.D.

4:50 p.m. Pituitary-Adrenal Clinical Pearls
William F. Young, Jr., M.D., M.Sc.

5:30 p.m. Panel Question and Answer Session

5:45 p.m. Adjourn



SATURDAY, APRIL 19, 2008

9:00 a.m. Case Snapper

Moderator: *Bart L. Clarke, M.D.*

9:15 a.m. Glucocorticoid Replacement Therapy: What's New?
Charles F. Abboud, M.B.B.Ch.

9:40 a.m. Vasopressin and the Kidney
Vicente Torres, M.D., Ph.D.

10:05 a.m. ICU Endocrinology: Should We Treat the Laboratory
Result or the Patient?
John M. Miles, M.D.

10:30 a.m. Panel Question and Answer Session

10:45 a.m. Refreshment Break and Exhibits

Moderator: *David R. Farley, M.D.*

11:15 a.m. Computer-Based CPC
Hypoglycemia Case
Presenter: *Geoffrey B. Thompson, M.D.*
Discussant: *F. John Service, M.D., Ph.D.*

11:45 a.m. Therapeutic Approach to the Morbidly Obese Patient
Barto Burguera, M.D., Ph.D.

12:10 p.m. What Kind of Bariatric Surgery Should the Patient Have?
Michael L. Kendrick, M.D.

12:35 p.m. The Postoperative Follow-up of the Bariatric Surgery Patient
Maria L. Collazo-Clavell, M.D.

1:00 - 1:15 p.m. Panel Question and Answer Session

1:30 p.m. Lunch with Faculty

3:00 p.m. Case Snapper

Moderator: *Barto Burguera, M.D., Ph.D.*

3:15 p.m. Setbacks in Endocrinology
*David R. Farley, M.D., F. John Service, M.D., Ph.D.,
Geoffrey B. Thompson, M.D., and William F. Young, Jr., M.D., M.Sc.*

4:00 p.m. Diabetes in Pregnancy: What's New?
Roger L. Nelson, M.D.

4:25 p.m. Bone-Calcium Pearls
Robert A. Wermers, M.D.

5:10 p.m. Panel Question and Answer Session

5:20 p.m. Report on the Physical Fitness of Attendees at the
11th Mayo Clinic Endocrine Course
Barto Burguera, M.D., Ph.D.

5:30 p.m. Adjourn

8:00 p.m. Gala Dinner at Bahia Mediterranean

REGISTRATION FORM**11th Mayo Clinic Endocrine Course****April 16 – 19, 2008 • Palma de Mallorca, SPAIN****Mail or FAX form with payment to:**

Division of Endocrinology
 Rebecca Hinchley
 Mayo Clinic
 200 First Street SW
 Rochester, MN 55905

Phone 507-284-2776
 FAX USA 507-284-5745
 FAX Spain (+34) 971 774 066
 Web site <http://endocourse.mayo.edu>
 E-Mail in USA hinchley.rebecca@mayo.edu
 E-Mail in SPAIN endocourseMMC@sd-a.com

Contact Information

Name of Registrant - <i>first name, middle name or initial, and last name</i>		Degree - <i>select all that apply</i> <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> PhD <input type="checkbox"/> Other - <i>specify:</i>	
Name of Institution		Medical Specialty	
Work/Business Address - <i>street address</i>		Work Phone - <i>include all country and city/area codes as needed along with complete phone number</i>	
City	State or Province	ZIP or Postal Code	Country
Home Address - <i>street address</i>		Home Phone - <i>include all country and city/area codes as needed along with complete phone number</i>	
City	State or Province	ZIP or Postal Code	Country
E-mail Address		FAX - <i>include all country and city/area codes as needed along with complete phone number</i>	FAX Location - <i>select one</i> <input type="checkbox"/> Work/Business <input type="checkbox"/> Home

SPECIAL NEEDS

If you have special assistance needs or dietary restrictions, describe here:

Credit/Registration/Small Group Discussions

Registration Fee:	Physicians – 500 Euro (\$675 USD)	\$ _____
	Residents, PAs, NPs, Others – 400 Euro (\$550 USD)	\$ _____
Welcome Reception (Wednesday, April 16, 2008)		
<input type="checkbox"/> No, I will not attend	<input type="checkbox"/> Yes, I will attend	Complimentary
Gala Dinner (Saturday, April 19, 2008)		
<input type="checkbox"/> No, I will not attend	<input type="checkbox"/> Yes, I will attend	Complimentary
Guest Tickets (Fee includes both evening social events)		
# _____ Adult – 75 Euro (\$100 USD) per person		\$ _____
# _____ Child (under 18 years of age) – 35 Euro (\$50 USD)		\$ _____
Optional Workshop		
<input type="checkbox"/> Thyroid Ultrasound Workshop (April 16) – 90 Euro (\$125 USD)		\$ _____
Palma City Tour		
<input type="checkbox"/> # _____ Wednesday, April 16, 10:00 a.m.– noon		Complimentary
<input type="checkbox"/> # _____ Sunday, April 20, 10:00 a.m. – noon		Complimentary
Sa Cartoixa and Valldemossa		
<input type="checkbox"/> # _____ Wednesday, April 16, 9:00 a.m.– 1 p.m. – 30 Euro (\$40 USD)		\$ _____
<input type="checkbox"/> # _____ Sunday, April 20, 9:00 a.m.– 1 p.m. – 30 Euro (\$40 USD)		\$ _____

Optional Participation: I will be contacting Dr. Young about participating in a Case Snapper session.**Payment Information**

<input type="checkbox"/> Check is enclosed in the amount shown at right - <i>make checks payable to Mayo Foundation</i>		Payment Total
Credit Card - <i>select one</i> <input type="checkbox"/> Discover <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa	Account Number	\$ _____
Name of Cardholder - <i>as it appears on the card</i>		Exp Date - <i>mm/yy</i>
Signature of Cardholder - <i>required</i>		

X

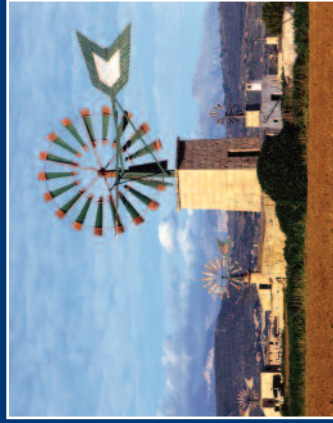


200 First Street SW
Rochester, Minnesota 55905

11th Mayo Clinic
Endocrine Course

April 16-19, 2008

Gran Meliá Victoria Hotel
Palma de Mallorca, SPAIN



Meeting Announcement

Non-Profit
Organization
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