


# 3rd Current Concepts in the Management of Thyroid and Parathyroid Neoplasms

October 21–24, 2009

Eldorado Hotel  
309 W. San Francisco Street  
Santa Fe, New Mexico

THE UNIVERSITY OF TEXAS  
MD ANDERSON  
CANCER CENTER

*Making Cancer History®*



## 3rd Current Concepts in the Management of Thyroid and Parathyroid Neoplasms

October 21-24, 2009

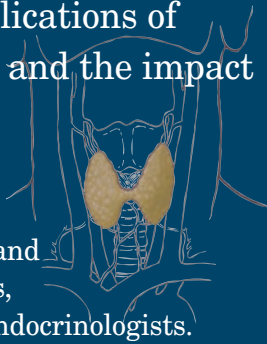
Eldorado Hotel  
309 W. San Francisco Street  
Santa Fe, New Mexico

### GOAL

The goal of this conference is to create a thorough understanding of the clinical implications of thyroid and parathyroid diseases and the impact of therapy upon patients.

### TARGET AUDIENCE

This conference will be beneficial to head and neck surgeons, general endocrine surgeons, general surgeons, otolaryngologists, and endocrinologists.



### M. D. Anderson Organizing Committee

Gary L. Clayman, DMD, MD, Chair  
Randal S. Weber, MD  
Steven I. Sherman, MD  
Karen Gruver  
Tina Camacho  
Constance C. Tierney, CMP



### EDUCATIONAL OBJECTIVES

After attending the conference, participants should be able to

- describe the evaluation and management of primary (untreated) differentiated thyroid malignancies;
- identify the clinical and pathologic criteria which characterize aggressive thyroid malignancies;
- discuss the interdisciplinary approaches to recurrent thyroid cancer including surgical nuances, rules of radioactive iodine and external beam therapy, and systemic approaches;
- explain the pathophysiology, diagnosis and management of patients with differentiated thyroid cancer;
- explain the pathophysiology, diagnosis and therapy of patients with differentiated thyroid cancer;
- discuss the indications for thyroid ultrasound and fine needle aspiration biopsy in the treatment of thyroid nodule disease;
- describe the pathologic spectrum of thyroid and parathyroid neoplasms and their principal differentiating histologic features
- relate the surgical management of invasive differentiated thyroid cancer and medullary carcinoma with respect to the extent of resection and management of the regional lymphatics
- define the role of imaging and intra-operative rapid parathyroid hormone assay in the management of parathyroid adenomas and hyperplasia
- identify the diagnostic and therapeutic approach to parathyroid reoperation for persistent hyperparathyroidism
- differentiate the role of imaging, including FDG-PET scanning, I-131, and I-123, and the use of recombinant thyrotropin in the management of differentiated thyroid cancer.

### EDUCATIONAL METHODS

- Lectures
- Panel Discussions
- Question and Answer
- Case Presentations
- Exhibit Program

### EVALUATION

A course evaluation form will provide participants with the opportunity to comment on the value of the program content to their practice decisions, performance improvement activities, or possible impact on patient health status. Participants will also have the opportunity to comment on any perceived commercial bias in the presentations as well as to identify future educational topics.

### ACCREDITATION/CREDIT DESIGNATION

The University of Texas M. D. Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Texas M. D. Anderson Cancer Center designates this educational activity for a maximum of 19.50 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### CME CERTIFICATES AND ATTENDANCE VERIFICATION CERTIFICATES

Certificates awarding *AMA PRA Category 1 Credit*<sup>™</sup> or certificates documenting attendance will be distributed to participants when an individual departs the conference. To obtain a CME certificate, physicians must submit a completed evaluation questionnaire and a *CME Verification Form*.

Upon request, a record of attendance (certificate) will be provided on-site to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

# PROGRAM

## Wednesday, October 21, 2009

4:00 – 6:00 p.m. Registration

## Thursday, October 22, 2009

7:30 – 8:00 a.m. Registration/Continental Breakfast

8:00 – 8:10 **Introduction**  
Gary L. Clayman, DMD, MD  
Steven I. Sherman, MD

8:10 – 8:50 **Cytology and Pathology of Thyroid Neoplasms**  
Zubair W. Baloch, MD, PhD

8:50 – 9:20 **Evaluation and Management of Thyroid Nodule Patients**  
Susan J. Mandel, MD

9:20 – 10:30 **Diagnosis and Management of Thyroid Nodules  
Case Presentations**  
**Moderator:** Daniel S. Duick, MD  
**Panel Members:** Randal S. Weber, MD  
Beth S. Edeiken, MD  
Susan J. Mandel, MD  
Homer A. Macapinlac, MD  
Zubair W. Baloch, MD, PhD  
Michael Kupferman, MD

10:30 – 10:45 Break

10:45 – 11:30 **Evaluation & Management of Patients with  
Primary Differentiated Thyroid Cancer**  
Bryan R. Haugen, MD

11:30 – Noon **PET/CT Imaging of Thyroid Cancer**  
Homer A. Macapinlac, MD

Noon – 12:45 p.m. **Differentiated Thyroid Carcinoma  
Case Presentations**  
**Moderator:** Randal S. Weber, MD  
**Panel Members:** Beth S. Edeiken, MD  
Zubair W. Baloch, MD, PhD  
Bryan R. Haugen, MD  
Douglas B. Evans, MD  
Steven I. Sherman, MD  
Gregory W. Randolph, MD

12:45 – 1:30 Lunch (provided)

1:30 – 2:10 **Thyroid Ultrasound for Diagnosis and Biopsy**  
Beth S. Edeiken, MD

2:10 – 3:15 **Afternoon Practicum  
“Hands-On” Ultrasound** *Check Box on Registration Form – Limited to 40*  
Beth S. Edeiken, MD  
Daniel S. Duick, MD  
Susan J. Mandel, MD  
This “hands-on” ultrasound course will include thyroid and neck ultrasound instruction among all participants utilizing each other as models. Work stations mimicking ultrasound-guided needle biopsy will also be employed.

3:30 – 4:30 **Afternoon Practicum  
“Hands-On” Ultrasound - Repeated**  
*Check Box on Registration Form – Limited to 40*

4:30 Adjourn

6:00 – 8:00 p.m. Welcome Reception

## Friday, October 23, 2009

7:30 – 8:00 a.m. Registration/Continental Breakfast

8:00 – 8:30 **Imaging for Aggressive & Recurrent Thyroid Cancer:  
MR and Multi-detector CT**  
Lawrence E. Ginsberg, MD

8:30 – 9:00 **Surgical Management of Differentiated Thyroid  
From Minimally Invasive to Aggressive Therapies**  
Ashok R. Shaha, MD

9:00 – 10:15 **Interdisciplinary Management of Local and/or Regionally Aggressive or Recurrent Thyroid Cancer Case Presentations**  
**Moderator:** Gary L. Clayman, DMD, MD  
**Panel Members:** Randal S. Weber, MD  
Steven I. Sherman, MD  
Zubair W. Baloch, MD, PhD  
Homer A. Macapinlac, MD  
Gregory W. Randolph, MD  
Susan J. Mandel, MD  
Daniel S. Duick, MD

10:15 – 10:30 Break

10:30 – 11:00 **Contemporary Treatment, Surveillance, and Investigational Approaches in Differentiated Thyroid Malignancies**  
Steven I. Sherman, MD

11:00 – 11:45 **Surveillance and Treatment of Thyroid Malignancies Case Presentations**  
**Moderator:** Bryan R. Haugen, MD  
**Panel Members:** Randal S. Weber, MD  
Beth S. Edeiken, MD  
Steven I. Sherman, MD  
Homer A. Macapinlac, MD  
Ashok R. Shaha, MD

11:45 - Noon **Questions & Answers**

Noon – 1:00 p.m. Lunch (provided)

**Afternoon Practicum**

1:00 – 1:30 **Minimally Invasive Techniques in Thyroidectomy**  
F. Christopher Holsinger, MD

1:30 – 2:00 **Laryngeal Monitoring in Thyroid and Parathyroid Surgery**  
Gregory W. Randolph, MD

2:00 – 3:00 **“Hands-On” Laryngeal Nerve Monitoring**  
*Check Box on Registration Form – Limited to 40*  
Gregory W. Randolph, MD  
Randal S. Weber, MD  
The Intraoperative Neural Monitoring (IONM) breakout session is intended for both surgeons who are new to monitoring, and those currently monitoring. We will review basics of endotracheal tube placement, equipment setup and monitor settings. We will focus on proper monitoring techniques and ways of assuring that the endotracheal tube is in optimal position for monitoring. We will provide a review of pitfalls, problems and troubleshooting algorithms to all for accurate monitoring throughout the case. A video will be available to demonstrate IONM. All participants will be provided with a one page IONM setup algorithm. The session will conclude with a hands-on portion with endotracheal tubes, placement models and monitors.

3:00 – 4:00 **“Hands-On” Laryngeal Nerve Monitoring – Repeated**  
*Check Box on Registration Form – Limited to 40*

4:00 Adjourn

## Saturday, October 24, 2009

7:30 - 8:00 a.m. Registration/Continental Breakfast

8:00 – 8:30 **Genetics, Screening, and Evaluation & Treatment of Medullary Thyroid Cancer**  
Douglas B. Evans, MD

8:30 – 9:45 **Management of Medullary Thyroid Cancer Case Presentations**  
**Moderator:** Douglas B. Evans, MD  
**Panel Members:** Camilo Jimenez, MD  
Ashok R. Shaha, MD  
Lawrence E. Ginsberg, MD  
Michael Kupferman, MD  
Bryan R. Haugen, MD

9:45 – 10:00 Break

10:00 – 10:30 **Evaluation of Patients With Hypercalcemia**  
Camilo Jimenez, MD

10:30 – 10:50 **The Role of Dynamic CT and Nuclear Medicine Scanning in the Evaluation and Surgical Planning of Parathyroid Adenoma**  
Lawrence E. Ginsberg, MD

10:50 – 11:30 **Surgical Management for Parathyroid Neoplasia**  
Nancy D. Perrier, MD, FACS

11:30 – 12:15 p.m. **Hypercalcemia and Parathyroid Neoplasia Case Presentations**  
**Moderator:** Nancy D. Perrier, MD, FACS  
**Panel Members:** Ashok R. Shaha, MD  
Steven I. Sherman, MD  
Camilo Jimenez, MD  
Douglas B. Evans, MD  
Randal S. Weber, MD

12:15 – 12:45 **Questions and Answers/Concluding Remarks**

12:45 – 1:45 **Meet the Professor Session**

1:45 Adjourn

## M. D. Anderson Faculty

**Gary L. Clayman, DMD, MD, FACS**  
Professor  
Head & Neck Surgery

**Beth S. Edeiken, MD**  
Professor  
Diagnostic Radiology

**Lawrence E. Ginsberg, MD**  
Professor  
Diagnostic Radiology

**F. Christopher Holsinger, MD**  
Assistant Professor  
Head and Neck Surgery

**Camilo Jimenez, MD**  
Assistant Professor  
Endocrine Neoplasia and HD

**Michael Kupferman, MD**  
Assistant Professor  
Head & Neck Surgery

**Homer A. Macapinlac, MD**  
Professor and Chair  
Nuclear Medicine

**Nancy D. Perrier, MD, FACS**  
Associate Professor  
Surgical Oncology

**Steven I. Sherman, MD**  
Professor and Chair  
Endocrine Neoplasia and HD

**Randal S. Weber, MD**  
Professor and Chair  
Head & Neck Surgery

## Guest Faculty

**Zubair W. Baloch, MD, PhD**  
Professor of Pathology and  
Laboratory Medicine  
Hospital of the University  
of Pennsylvania  
Philadelphia, Pennsylvania

**Daniel S. Duick, MD**  
Clinical Professor of Medicine  
College of Medicine, University of Arizona  
Endocrinology Associates, P.A.  
Phoenix, Arizona

**Douglas B. Evans, MD**  
Chairman  
Department of Surgery  
Froedtert and Medical  
College of Wisconsin  
Milwaukee, Wisconsin

**Bryan R. Haugen, MD**  
Associate Professor of  
Medicine & Pathology  
University of Colorado at  
Denver & Health Sciences Center  
Aurora, Colorado

**Susan J. Mandel, MD**  
Professor of Medicine & Radiology  
Associate Chief of Division of  
Endocrinology, Diabetes & Metabolism  
University of Pennsylvania  
School of Medicine  
Philadelphia, Pennsylvania

**Gregory W. Randolph, MD**  
Associate Professor of  
Otolaryngology  
Massachusetts Eye  
and Ear Infirmary  
Boston, Massachusetts

**Ashok R. Shaha, MD**  
Attending Surgeon  
Memorial Sloan-Kettering  
Cancer Center  
New York, New York

## Registration Information

On-site registration will be open from 4:00-6:00 p.m. on Wednesday, October 21, 2009, and at 7:30 a.m. on Thursday, October 22. The conference will begin at 8:00 a.m. on Thursday, October 22, and adjourn at 1:00 p.m. on Saturday, October 24. Advance registration is encouraged as space and materials are limited. Please see registration form for applicable fees.

**The deadline for advance registration is October 2, 2009.**

### There are three ways to register:

- Mail to: CME/Conference Management – Unit 1381, The University of Texas M. D. Anderson Cancer Center, P.O. Box 301439, Houston, TX 77230-1439
- Fax to: 713-794-1724
- On-line at: [www.mdanderson.org/conferences](http://www.mdanderson.org/conferences)

### We accept the following forms of payment:

- Check (payable through U.S. banks only)
- Money Order
- Credit Cards (MasterCard, VISA, and American Express)
- Cash (on-site registration only)

A receipt and confirmation letter will be sent to you within ten working days of receipt of your fee.

The full conference registration fee includes the tuition, abstract book, breaks, lunches, and welcome reception.

**Refund/Cancellation Policy:** The registration fee, minus a \$50 administrative handling fee, is refundable if a written request is received on or before October 2, 2009. No refunds will be granted after that date. The request for a registration refund must include the tax identification number of the company or institution if registration was paid by a company or institution check. Although no refunds will be granted after October 2, 2009, you may transfer your registration to a colleague.

The Department of CME/Conference Management reserves the right to cancel activities prior to the scheduled date, if low enrollment or other circumstances make it necessary. Each registrant will be notified by mail, e-mail, or the contact numbers as given on the registration form.

In case of activity cancellation, liability of the Department of CME/Conference Management is limited to the registration fee. CME/Conference Management will refund the full registration fee. The Department of CME/Conference Management reserves the right to limit the number of participants in a program and is not responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

For additional information, contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866.

The University of Texas M. D. Anderson Cancer Center has implemented a process whereby everyone who is in a position to control the content of an educational activity must disclose all relevant financial relationships with any commercial interest that could potentially affect the information presented. M. D. Anderson also requires that all faculty disclose any unlabeled use or investigational use (not yet approved for any purpose) of pharmaceutical and medical device products. Specific disclosure will be made to the participants prior to the educational activity.

Agendas are subject to change because we are always striving to improve the quality of your educational experience. M. D. Anderson may substitute faculty with comparable expertise on rare occasions necessitated by illness, scheduling conflicts, and so forth.

Photographing, audio taping and videotaping are prohibited

## Special Assistance

Contact the Department of CME/Conference Management at 713-792-2223 or toll free at 866-849-5866 if you have any special dietary or ADA accommodation needs.

## Accommodations

- A block of rooms has been reserved for conference attendees at the **Eldorado Hotel**, 309 W. San Francisco Street, Santa Fe, New Mexico.
- Early hotel reservation is suggested.
- The hotel phone number is 505-988-4455.
- When you make reservations be sure to mention the **M. D. Anderson Current Concepts in the Management of Thyroid & Parathyroid Neoplasms Conference** to be assured of receiving the special meeting rate of \$249.00 single or double occupancy. Please add 14.625% New Mexico state and local taxes. Reservations and deposits received after September 21, 2009 will be confirmed if space is available and at current hotel published guest room rates.

## Air Travel

M. D. Anderson has a program with Continental Airlines for discounted air travel. For discounts, call your travel professional or Continental's MeetingWorks toll free at 800-468-7022. Outside of the United States, please call your local Continental Airlines Reservation Office. Mention Z Code: **ZEPN** and Agreement Code: **AKE7NE**.

## Ground Transportation

The hotel is approximately 59 miles from the Albuquerque International Airport. It is recommended to fly to Albuquerque as the Santa Fe Airport is used by fewer carriers and by private aircraft.

Two shuttle companies are available for transportation from the Albuquerque International Airport.

Sandia Shuttle  
888-775-5696  
www.sandiashuttle.com

Santa Fe Shuttle  
888-833-2300  
www.shuttlesantafe.com

Reservations are recommended for both companies and the approximate cost is \$25.00 one way and \$45.00 round trip.



## CONFERENCE REGISTRATION - 0427

### 3rd Current Concepts in the Management of Thyroid and Parathyroid Neoplasms

Last Name	First	MI	Highest Degree
Department (include box no.)		Specialty	
Institution			
Street	City	State/Foreign Country/Zip or Mail Code	
Daytime Phone (with area code)	Cell Phone (with area code)	Fax (with area code)	
E-mail Address	Emergency Contact	Phone (with area code)	
Charge the following: <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express			
Card Number or M. D. Anderson Interdepartmental Transfer (IDT) No.		Expiration Date	
Authorized Signature REQUIRED for Credit Card or IDT			
M. D. Anderson Employee ID No. (REQUIRED)			

Please let us know what specific topics, issues or questions you wish to see addressed or emphasized in this activity. Fax or e-mail CME/Conference Management. All responses will be forwarded to the Program Chair for consideration.

THIS IS NOT A SELF-MAILER

ADDRESS TO:

### 3rd Current Concepts in the Management of Thyroid and Parathyroid Neoplasms

Department of CME/Conference Management – Unit 1381  
The University of Texas, M. D. Anderson Cancer Center  
PO Box 301439, Houston, TX 77230-1439

or fax to 713-794-1724

Make check or money order payable to:  
The University of Texas M. D. Anderson Cancer Center

## REGISTRATION FEES

- Postmarked by 10/2/09 .....\$ 495.00
- Postmarked after 10/2/09 .....\$ 525.00

## Hands-On Sessions (Each limited to 40)

- Thursday, October 22, 2:10-3:15 pm
- Thursday, October 22, 3:30-4:30 pm
- Friday, October 23, 2:00-3:00 pm
- Friday, October 23, 3:00-4:00 pm

Department of CME/Conference Management - Unit 1381  
The University of Texas M. D. Anderson Cancer Center  
# 176700/30070427  
PO Box 301439  
Houston, TX 77230-1439

Non-Profit Org.  
U.S. Postage  
PAID  
Permit No. 7052  
Houston, TX