



AACE ADVANCES in Medical and Surgical MANAGEMENT of Thyroid Cancer

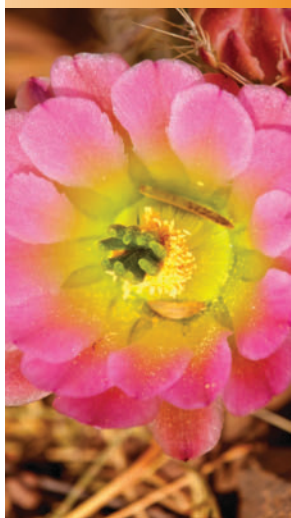
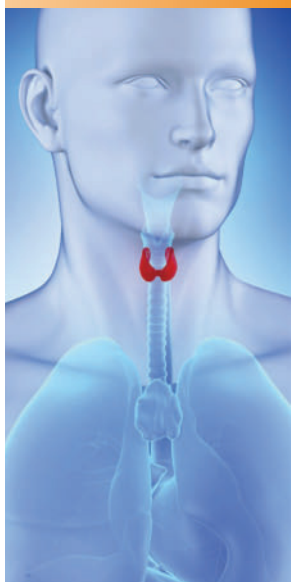
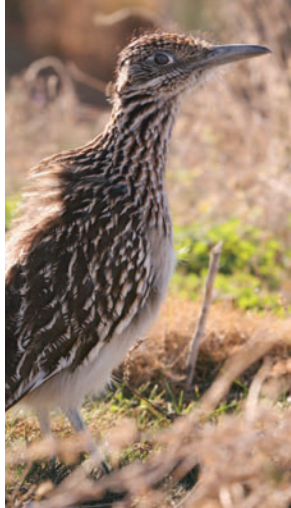
JANUARY 17-18, 2014

TEMPE, AZ

THE MARRIOTT BUTTES RESORT



AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS





American Association of Clinical Endocrinologists

Advances in Medical and Surgical Management of Thyroid Cancer

JANUARY 17-18, 2014

COURSE LOCATION:

The Marriott Buttes Resort
2000 Westcourt Way | Tempe, AZ 85282

<http://www.marriott.com/hotels/travel/phxtm-phenix-marriott-tempe-at-the-buttles/>

HOTEL RESERVATIONS:

888-867-7492

Please refer to the AACE Thyroid Meeting to receive the negotiated room rate of \$179 per night

To register online or for more Information:
<https://www.aace.com/meetings/symposia>

For conference information, contact the
American Association of Clinical Endocrinologists,
Meetings Department at:

Phone: **904-353-7878 x 162**

Contact Email: **bhastings@aace.com**

*This activity has been approved for
AMA PRA Category 1 Credit(s)TM*

OVERALL COURSE OBJECTIVE

TO PRESENT CURRENT, evidence-based and state of the art information for the management of thyroid cancer as well as advances in applied technologies and therapies and their current role in disease diagnosis and treatment. Expand the experience and knowledge base relating to thyroid cancer and endocrine neck disease with a half day of ultrasound laboratory with patients.

NEEDS ASSESSMENT

THE NEEDS ASSESSMENT for this program is based on the awareness of new and emerging information in the diagnosis, treatment and management of the spectrum of differentiated thyroid cancer (DTC) from indolent to severely advanced forms of the disease. New, expansive, evidence-based guidelines have been recently released for the management of thyroid nodules and thyroid cancer and will be emphasized in presented materials. Based on the comments from previous ACE/AACE thyroid courses, there continues to be numerous requests from the attendee evaluations to: 1) hold more courses and 2) present updated information and cutting edge approaches to the diagnosis and management of thyroid nodules and thyroid cancer.

COURSE DESCRIPTION AND RECOMMENDED ATTENDEES

THIS IS THE FIFTH Annual Thyroid Cancer Course presented by AACE. The faculty is composed of nationally and internationally recognized leaders in all facets of thyroid cancer diagnosis, treatment and longitudinal management. This program is specifically designed for endocrine surgeons, ENT and head and neck surgeons; radiologists; thyroidologists and endocrinologists; nuclear medicine physicians; nurse practitioners, physician assistants and sonographers. An additional half day u/s laboratory demonstrating various thyroid pathology in patients with thyroid disorders will significantly enhance the learning experience of attendees.

PROGRAM AGENDA

FRIDAY, JANUARY 17, 2014

7:00 – 7:30 am

Registration and Continental Breakfast with Exhibits

7:30 – 8:10 am

**Current Review and Guideline Recommendations
for the Management of Thyroid Nodules**

Robert A. Levine, MD, FACE, ECNU

Objectives:

1. Review ultrasound imaging characteristics for assessment of risk of malignancy in thyroid nodules.
2. Discuss the three current sets of guidelines for UGFNA of thyroid nodules.
3. Understand how age and clinical status should influence decisions regarding performing biopsy of nodules.

8:10 – 8:50 am

**FNA of Thyroid Nodules: Review of Techniques;
Smears and LBC; Enhanced Efficacy of Onsite
Adequacy Assessment/Interpretation**

Mark Lupo, MD, FACE, ECNU

Objectives:

1. Understand the various techniques used for thyroid nodule FNA.
2. Demonstrate common slide preparation methods.
3. Discuss the advantages of smears versus LBC.
4. Highlight the value of onsite adequacy assessment in clinical decision making.

8:50 – 9:30 am

**Utility of FNA derived Molecular Biomarkers for the
Analysis and Disposition of Indeterminate Thyroid
Nodule Management and Surgical Selection**

Daniel S. Duick, MD, FACP, FACE, ECNU

Objectives:

1. Review of current utility FNA status and cytology findings.
2. Description of DTC biomarkers and commercially available tests on FNA samples.
3. Discussion of current perspective and future roles of FNA derived biomarkers.

9:30 – 10:00 am

Coffee Break and Exhibits

10:00 – 10:45 am

**Preoperative Ultrasound and Primary Surgery for
Differentiated Thyroid Cancer**

Mira Milas, MD, FACS

Objectives:

1. To review the appropriate extent of initial surgery for thyroid cancer and considerations in this surgical decision-making.
2. To demonstrate how pre-operative US is useful in guiding primary surgery for thyroid cancer.
3. To illustrate challenging patient case scenarios.

PROGRAM AGENDA

10:45 – 11:30 am

Preoperative Evaluation of Familial (MEN 2A and 2B) and Primary Surgery for Medullary Thyroid Cancer (MTC)

Jeffrey Moley, MD, FACS

Objectives:

1. Review four types of MTC.
2. What is RET test & how it impacts decision making.
3. Discuss prognosis & prognostic factors.
4. Review long-term follow up.

**11:30 am –
12:15 pm**

FNA Cases

Moderator: Mark Lupo, MD, FACE, ECNU

Audience Poll/Results

Objectives:

1. Understand role of surgery for local/regional, persistent/recurrent disease.
2. Understand utility of imaging for persistent, recurrent disease.
3. Understand utility of thyroglobulin (Tg) in the management of DTC.

12:15 – 1:15 pm

Lunch Break – Visit Exhibits

1:30 – 2:15 pm

Evaluation and Surgical Management of Recurrent/Persistent Nodal DTC and MTC; and Advancing, Structurally Invasive Thyroid Cancer

Gary Clayman, DMD, MD, FACS

Objectives:

1. Understand the indications for surgical reintervention in patients with recurrent DTC.
2. Describe the surgical management for recurrent DTC.
3. Describe the imaging modalities used in patients with recurrent DTC.

2:15 – 3:00 pm

Rationale and Regimens for I-131 Ablation and Adjunctive Therapy of DTC

Bryan Haugen, MD

Objectives:

1. Rationale and regimens for I-131 ablation and adjunctive therapy of DTC.
2. To describe the differences between RAI ablation and RAI as adjuvant therapy.
3. To describe the proper selection of patients for ablation and/or adjuvant therapy.
4. To describe the proper method of preparation for RAI ablation and/or adjuvant therapy.

3:00 – 3:30 pm

Coffee Break and Exhibits

PROGRAM AGENDA

3:30 – 4:15 pm

Current Management for Low, Medium and High Risk DTC

R. Michael Tuttle, MD

Objectives:

1. To describe a risk stratification system that predicts risk of recurrence in DTC.
2. To describe a risk adapted approach to initial clinical management in DTC.
3. To describe a response to therapy adapted approach to long term follow-up in DTC.

4:15 – 5:00 pm

Cases: Local/Regional Recurrent DTC and MTC

Moderator: Robert A. Levine, MD, FACE, ECNU

Panel: Gary Clayman, DMD, MD, FACS; Daniel S. Duick, MD, FACP, FACE, ECNU ; Bryan Haugen, MD; Mark Lupo, MD, FACE, ECNU; Mira Milas, MD, FACS; Jeffrey Moley, MD, FACS; R. Michael Tuttle, MD

Objectives:

1. Understand principles of advanced thyroid cancer management.
2. Understand utility of biomarkers for therapeutic choices of advancing thyroid cancer.
3. Understand special additional therapies for site specific thyroid cancer.

5:00 pm

Adjourn for day

SATURDAY, JANUARY 18, 2014

7:30 – 8:00 am

Continental Breakfast and Exhibits

8:00 – 8:45 am

Surgical Anatomy and Risk Management/Recurrent Laryngeal Nerve Monitoring and Parathyroid Preservation

Gregory Randolph, MD, FACS, FACE

Objectives:

1. To identify the basic anatomical points where the RLN is most at risk.
2. To discuss how neural monitoring may be helpful in avoidance of neural injury.
3. To discuss how to avoid parathyroid gland injury + thyroid cancer surgery.

8:45 – 9:30 am

Current Medical Therapies for Advancing, Non-Iodine avid DTC and MTC

Steven Sherman, MD, FACS, FACE

Objectives:

1. The diagnosis and clinical presentation of advanced non-iodine avid thyroid carcinomas.
2. Understand the available molecular testing for advanced or metastatic thyroid carcinoma.
3. Understand the current available therapies for advanced or metastatic thyroid carcinoma.

PROGRAM AGENDA

9:30 – 10:30 am

Case Management Discussions: Current Controversies in the Surgical Management of Thyroid Cancer

Moderator: Mira Milas, MD, FACS

Panel: Gary Clayman, DMD, MD, FACS;

Bryan Haugen, MD; Jeffrey Moley, MD, FACS;

Gregory Randolph, MD, FACS, FACE; Steven Sherman, MD, FACS; FACE; R. Michael Tuttle, MD

Objectives:

1. Understand surgical management of cervical lymph node metastases for both differentiated and medullary thyroid cancers.
2. Understand how molecular biomarkers for thyroid cancer diagnosis and prognosis affect surgical decision-making.
3. Understand principles of surgery for local/regional and persistent/recurrent disease.

10:30 – 11:00 am

Coffee Break and Exhibits

11:00 am – Noon

Case Management Discussions

Moderator: Daniel S. Duick, MD, FACP, FACE, ECNU

Panel: Gary Clayman, DMD, MD, FACS;

Bryan Haugen, MD; Jeffrey Moley, MD, FACS;

Gregory Randolph, MD, FACS, FACE; Steven Sherman, MD, FACS; FACE; R. Michael Tuttle, MD

Objectives:

1. Understand management of metastatic disease.
2. Rationale for various imaging technologies.
3. Rationale for palliative therapies.

Noon – 12:50 pm

Meeting Adjourns for Lunch

HANDS-ON LAB AND CONCURRENT LECTURES

1:00 – 2:45 pm

Hands-On Laboratory (Group 1)

Faculty: Janet Gardona, RT(R), ARRT; Amir Harari,

MD, FACP, FACE; Marla Herbert, MBA, CT(ASCP)^{cm},

Robert A. Levine MD, FACE, ECNU, Mark Lupo, MD,

FACE, ECNU; Mira Milas, MD, FACS; Kevin Rooker

RT(R), RDMS, RVT; Susan Skuba, RT(R), ARRT; Emily

Smith, BS, RDMS, RVT

Objectives:

1. To demonstrate US evaluation of various thyroid disorders in patients.
2. Demonstration of US guided biopsy using phantoms.
3. Smear preparation, processing and on site evaluation.

PROGRAM AGENDA

1:00 – 1:30 pm

Parathyroid Ultrasonography (Group 2)

Devaprabu Abraham, MD, MRCP, ECNU

Objectives:

1. Review the anatomy and variations in the location of the parathyroid glands.
2. To describe the imaging features of parathyroid adenoma.
3. A review of the indications and technique of performing FNA on parathyroid adenoma.

1:30 – 2:00 pm

Percutaneous Ethanol Ablation in Thyroid and Parathyroid Disease (Group 2)

Daniel S. Duick, MD, FACP, FACE, ECNU

Objectives:

1. Overview of PEI applications in thyroid and parathyroid disorders.
2. Learn indications for PEI in common disorders of thyroid and parathyroid disease.
3. Review PEI techniques for common disorders of thyroid and parathyroid disease.

2:00 – 2:30 pm

Case Studies (Group 2)

Devaprabu Abraham, MD, MRCP, ECNU

Daniel S. Duick, MD, FACP, FACE, ECNU

Objectives:

1. To highlight some of the uncommon presentations of thyroid cancer.
2. To review images of lesions that mimic 'parathyroid incidentalomas.'
3. To review unusual locations of parathyroid adenomas.

2:30 – 2:45 pm

Question and Answer Session (Group 2)

Devaprabu Abraham, MD, MRCP, ECNU

Daniel S. Duick, MD, FACP, FACE, ECNU

2:45 – 3:15 pm

Coffee Break

3:15 – 5:00 pm

Hands-On Laboratory (Group 2)

Faculty: Janet Gardona, RT(R), ARRT; Amir Harari, MD, FACP, FACE; Marla Herbert, MBA, CT(ASCP)^{cm}, Robert A. Levine MD, FACE, ECNU, Mark Lupo, MD, FACE, ECNU; Mira Milas, MD, FACS; Kevin Rooker RT(R), RDMS, RVT; Susan Skuba, RT(R), ARRT; Emily Smith, BS, RDMS, RVT

Objectives:

1. To demonstrate US evaluation of various thyroid disorders in patients.
2. Demonstration of US guided biopsy using phantoms.
3. Smear preparation, processing and on site evaluation.

PROGRAM AGENDA

3:15 – 3:45 pm

Parathyroid Ultrasonography (Group 1)

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1. Review the anatomy and variations in the location of the parathyroid glands.
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3:45 – 4:15 pm

Percutaneous Ethanol Ablation in Thyroid and Parathyroid Disease (Group 1)

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Objectives:

1. Overview of PEI applications in thyroid and parathyroid disorders.
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4:15 – 4:45 pm

Case Studies (Group 1)

Devaprabu Abraham, MD, MRCP, ECNU

Daniel S. Duick, MD, FACP, FACE, ECNU

Objectives:

1. To highlight some of the uncommon presentations of thyroid cancer.
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4:45 – 5:00 pm

Question and Answer Session (Group 1)

Devaprabu Abraham, MD, MRCP, ECNU

Daniel S. Duick, MD, FACP, FACE, ECNU

5:00 pm

Meeting Adjourns

PROGRAM FACULTY

***Devaprabu Abraham, MD,
MRCP, ECNU**

Professor of Medicine
Division of Endocrinology
University of Utah
Salt Lake City, UT

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FACE, ECNU**

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Chair in Endocrine Neoplasms Research
University of Colorado Denver,
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Thyroid Center of New Hampshire
Adjunct Assistant Professor
Dartmouth Medical School
Nashua, NH

***Mark A. Lupo, MD, FACE, ECNU**

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Florida State University College of Medicine
Thyroid & Endocrine Center of Florida
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***Mira Milas, MD, FACS**

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Portland, OR

Jeffrey Moley, MD, FACS

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Associate Director, Siteman Cancer Center
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**Gregory W. Randolph, MD,
FACS, FACE**

Director, General and Thyroid Surgical
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Member, Division of Surgical Oncology

Endocrine Surgical Service Mass
General Hospital
Associate Professor Otolaryngology Head
and Neck Surgery
Harvard Medical School
Boston, MA

**Steven I. Sherman, MD,
FACS, FACE**

Chair and Naguib Samaan
Distinguished Professor in Endocrinology
Medical Director, Endocrine
Multidisciplinary Center
University of Texas M.D. Anderson
Cancer Center
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R. Michael Tuttle, MD

Professor of Medicine
Memorial Sloan Kettering Cancer Center
New York, NY

* denotes participation as Lab Faculty

LAB FACULTY

Janet Gardona, RT(R), ARRT

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Phoenix, AZ

Amir Harari, MD, FACP, FACE

Endocrinology Associates, PA
Phoenix, AZ

Marla Herbert, MBA, CT(ASCP)cm

Mayo Clinic
Phoenix, AZ

Kevin Rooker, RT(R), RDMS, RVT

Alamo Mobile X-Ray & EKG Services
Professional Ultrasound Imaging, Inc
Pooler, TX

Emily Smith, BS, RDMS, RVT

Mayo Clinic
Rochester, MN

Susan Skuba, RT(R), ARRT

Endocrinology Associates, PA
Phoenix, AZ

PROGRAM COMMITTEE

Daniel S. Duick, MD, FACP, FACE

**Devaprabu Abraham, MD,
MRCP, ECNU**

***Robert A. Levine, MD, FACE, ECNU**

***Mark A. Lupo, MD, FACE, ECNU**

PROGRAM REGISTRATION

Tuition includes course syllabus (printed syllabus OR e-syllabus) daily continental breakfast, lunch and coffee breaks. Early registration is suggested.

Name _____

Title _____

Mailing Address _____

City _____ State _____ Zip Code _____

Country _____

E-mail Address _____

REGISTRATION FEES

AACE Member MD or DO: **\$750**

Non-Member (MD, DO): **\$950**

AACE Fellows: **\$550**

Non-Physicians: **\$550**

CANCELLATION POLICY

All cancellations must be received in writing in the AACE office 30 days in advance of all scheduled AACE meetings in order to receive a full refund. Cancellations received after this date, but at least 25 days prior to the scheduled AACE meeting, will be refunded, less a \$50 processing fee. Cancellations or no shows received after that date will not be refunded, except in extenuating circumstances. In this case, a request must be made in writing, and such requests for clinical symposium and AACE accreditation courses will be at the discretion of the program chair(s).

THREE WAYS TO REGISTER

1. Register online at: **<https://www.aace.com/meetings/symposia>**
2. Fax this form with AMEX, Visa, M/C or Discover Card information to **904-404-4229**
3. Mail this form with a check to: AACE
245 Riverside Ave., Suite 200
Jacksonville, FL 32202

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OF CLINICAL ENDOCRINOLOGISTS

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