

Surgery of the Thyroid and Parathyroid Glands  
October 29-30, 2010

O'Keefe Auditorium  
Massachusetts General Hospital  
Boston, MA

*Course Directors:*

Randall D. Gaz, M.D.      Richard A. Hodin, M.D.

Gregory W. Randolph, M.D.

*Offered by*  
Department Otolaryngology  
Massachusetts Eye and Ear Infirmary  
*and*  
Department of Surgery  
Massachusetts General Hospital

***ACS Ultrasound Certification Course***  
Oct 31, 2010  
Meltzer Auditorium  
Massachusetts Eye and Ear Infirmary  
(preregistration required)

## Friday, October 29, 2010

7:15 - 8:00	Welcome	Andrew Warshaw, MD Joseph B. Nadol, Jr., MD
	Course Introduction	Richard A. Hodin, MD Gregory W. Randolph, MD
8:00 - 8:30	Thyroid nodule evaluation and ATA guidelines	Gilbert H. Daniels, MD
8:30 - 9:00	Dynamic risk group analysis	Michael Tuttle, MD
9:00 - 9:40	<b><i>Kocher Lecture</i></b> The technique of total thyroidectomy and avoidance of Surgical complications	Leigh Delbridge, MD
9:40 - 10:00	<i>BREAK</i>	
10:00 - 10:30	Papillary microcarcinoma	Douglas Ross, MD
10:30 - 11:00	Follow up for WDTC-Tg and ultrasound: When to treat And when to hold	Bryan McIver, MD
11:00 - 11:30	Multinodular goiter and fine needle aspiration: Assessment Of risk of the thyroid nodule based on ultrasound	Guiseppa Barbesino, MD
11:30 - 12:00	Robotic Surgical Approaches	David Terris, M.D.
12:00 - 1:00	<i>LUNCH with Faculty</i>	
1:00 - 1:20	MTC guidelines	Rick Kloos, MD
1:20 - 1:40	Calcitonin	Henning Dralle, M.D.
1:40 - 2:00	Central neck dissection: When and how	Ralph Tufano, M.D.
2:00 - 2:30	The many faces of follicular variant of papillary carcinoma	Virginia Livolsi, M.D.
2:30 - 3:00	<i>BREAK</i>	
3:00 - 3:30	Quality registers: Scandinavian experience	Anders Bergenfelz, M.D.
3:30 - 3:50	Voice, laryngeal exam and thyroid surgery	Gregory Randolph, M.D.
3:50 - 4:15	Reoperation for benign disease	Antonio Sitges-Serra, M.D.
4:15 - 4:45	Intraoperative nerve monitoring - applications	Marcin Barczynski, M.D.
4:45 - 5:15	Technique of lateral neck and parapharyngeal Nodal resection-how to avoid complications	Derrick Lin, M.D.
5:15	<i>ADJOURN</i>	

**Saturday, October 30, 2010**

7:30 - 8:00	Endocrine surgery around the world	Fiemu Nwariaku M.D.
8:00 - 8:30	Radioactive iodine treatment for multinodular goiter	Hans Graf, M.D.
8:30 - 9:00	Radio guided parathyroid surgery	Herbert Chen ,M.D.
9:00 - 9:30	Familial papillary carcinoma	Electron Kebebewe, M.D.
9:30 - 9:50	Thyroid nodule guidelines: British perspective	John Watkinson, M.D.
9:50 – 10:15	<i>BREAK</i>	
10:15 - 11:00	Parathyroid surgery and PTH assessment	Robert Udelsman, M.D.
11:00 - 11:20	Preoperative Sestamibi scanning	Sareh Parangi, M.D.
11:20 - 11:40	Parathyroid ultrasound	Robert Sofferman, M.D.
11:40 – 12:00	PANEL: Complications panel: Little problems, big problems, and frank disasters	
12:00 - 1:00	<i>LUNCH with Faculty</i>	
1:00 – 1:20	Parathyroid surgery; uniglandular approach	Richard Hodin, MD
1:20 – 1:40	Bilateral parathyroid exploration – the benefits	Alan Siperstein, MD
1:40 – 2:00	Video assisted parathyroidectomy	Rocco Bellantone, MD
2:00 – 2:20	Treatment of multigland disease	Goran Ackerstrom, M.D.
2:30 – 3:30	<i>BREAK</i>	
3:30 – 3:50	Parathyroid carcinoma	Janice Pasioka, M.D.
3:50 – 4:10	History of parathyroid surgery	Randall D. Gaz, M.D.
4:10 – 4:30	Parathyroid reoperation	Clive Grant, M.D.
4:30 – 4:50	4-D CT for parathyroid assessment	Antonia Stephen, M.D.
4:50 – 5:15	Parathyroid approaches: What do we tell our patients	Mark Urken, M.D.
5:15	<i>ADJOURN</i>	

**Sunday, October 31, 2010**  
**American College of Surgeons Ultrasound Certification Course**  
Meltzer Auditorium, 3<sup>rd</sup> floor, MEEI

We will hold an exported American College of Surgeons level II verification Postgraduate Course in Thyroid and Parathyroid Ultrasound.

The objective of this course is to introduce the practicing surgeon to office-based examination of the thyroid and parathyroid glands and related pathology. The distinction of normal from malignant lymphadenopathy is also emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical zones I-VI.

The process of ultrasound-guided FNA of thyroid nodules and enlarged lymph nodes is demonstrated in didactic lecture format. In addition, the hands-on skill sessions allow the surgeon to learn varied techniques of FNA in phantom models. Patient volunteers with thyroid and parathyroid pathology and normal glands are used for the skill-sessions.

A DVD demonstrating real time examination of the salivary glands, cervical lymph nodes, and normal and abnormal thyroid and parathyroid lesions will be given to each course participant for future reference. Credentialing and coding issues will be discussed.

The formal course is comprised of two segments: (1) a series of didactic lectures and discussions which cover all the basic elements of ultrasound principles and clinical relationships, and (2) hands-on practical application of ultrasound with patient volunteers. In addition, fine needle aspiration techniques are practiced on phantom models containing a variety of cystic and solid lesions. Upon completion of the course, the attendee will receive a certificate validating successful participation in the Thyroid /Parathyroid module of the ACS Ultrasound Program.

**Requirements to attend this Course:**

--Purchase, separately, of the Basic ultrasound CD ROM through the American College of Surgeons website ([www.ACS-resources.org](http://www.ACS-resources.org)).

– Completion of this ACS CD ROM Basic Course prior to October 31. –send us the proof at least two week before the course.

***Course enrollment will be limited to the first 25 applicants. Please note we reserve the right to cancel the 10/31 portion of the course prior to its date if there is insufficient enrollment***

The costs of this course are:

1. ACS Basic CD ROM \$250.00 (for ACS fellows)-PAID TO THE ACS through website
2. For the Boston 10/31 day long lecture and hands on session- \$875 (for all administrative costs, patient volunteer stipends, and DVD syllabus and images. Payable to Barb Beckman Beard

*To register for this course, please contact*

Ms. Barbara Beckman-Beard  
617 573 3654  
Barbara\_Beckmanbeard@meei.harvard.edu

## **FACULTY**

Goran Akerström, M.D., Ph.D., Professor of Surgery, University Hospital, Uppsala, Sweden

Giuseppe Barbesino, M.D., Assistant Professor of Medicine, Harvard Medical School; Staff, Thyroid Associates, Massachusetts General Hospital, Boston, MA

Marcin Barczynski, M.D., 3<sup>rd</sup> Chair of General Surgery, Jagiellonian University College of Medicine, Krakow, Poland

Rocco Bellantone, M.D., Professor of Surgery; Chief, Division of Endocrine Surgery, Catholic University of Rome, Italy

Anders Bergenfelz, M.D., Professor of Surgery, Lund University; Chief, Division of Endocrine and Sarcoma Surgery, Lund University Hospital, Sweden

Herbert Chen, M.D., Chief, Endocrine Surgery, Associate Professor, General Surgery, University of Wisconsin, Madison, WI

Gilbert H. Daniels, M.D., Professor of Medicine, Harvard Medical School; Co-Director, Thyroid Associates, Massachusetts General Hospital, Boston, MA

Leigh Delbridge, M.D., Professor and Head of Surgery, University of Sydney, President International Association of Endocrine Surgeons, Sydney, Australia

Henning Dralle, M.D., Professor, Department of General Surgery, University Hospital Halle, Germany

Randall D. Gaz, M.D., Assistant Professor of Surgery, Harvard Medical School; Associate Visiting Surgeon, Massachusetts General Hospital, Boston, MA

Hans Graf, M.D., Professor in Endocrinology and Head of Thyroid Unit, General Hospital Federal University, Parana, Brazil

Clive Grant, M.D., Professor of Surgery, University of Colorado, Denver, CO

Richard A. Hodin, M.D., Professor of Surgery, Harvard Medical School; Chief, Endocrine Surgical Service, Massachusetts General Hospital, Boston, MA

Electron Kebebew, M.D., Tenured Senior Investigator, Head, Endocrine Oncology Section, Center for Cancer Research, National Cancer Institute, Bethesda, MD

Rick Kloos, M.D., Professor-Clinical, Endocrinology, Diabetes and Metabolism, Ohio State University, Columbus, OH

Derrick T. Lin, M.D., Assistant Professor, Department of Otolaryngology, Harvard Medical School; Assistant Surgeon, Massachusetts Eye and Ear Infirmary, Boston, MA

Virginia Livolsi, M.D., Professor, Pathology and Laboratory Medicine, University of Pennsylvania, Philadelphia, PA

Bryan McIver, M.B., Ph.D., Consultant in Endocrinology, Mayo Clinic, Rochester, MN

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Fiemu Nwariaku, M.D., Associate Professor, Malcolm O. Perry, M.D. Professorship in Surgery, University of Texas Southwestern Medical Center, Dallas, Texas

Sareh Parangi, M.D., Assistant Professor of Surgery, Harvard Medical School; Massachusetts General Hospital, Boston, MA

Janice Pasiaka, M.D., Clinical Professor of Surgery and Oncology, Head Division of General Surgery, University of Calgary, Alberta, Canada

Gregory W. Randolph, M.D., Associate Professor of Otolaryngology and Laryngology, Harvard Medical School; Director, General Otolaryngology Service and Division of Thyroid and Parathyroid Surgery, Massachusetts Eye and Ear Infirmary; Member, Endocrine Surgical Service, Massachusetts General Hospital, Boston, MA

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Robert A. Sofferman, M.D., Professor of Surgery; Emeritus Chairman, Otolaryngology, University of Vermont, Burlington, VT

Antonia E. Stephen, M.D., Instructor in Surgery, Harvard Medical School; Assistant in Surgery, Massachusetts General Hospital, Boston, MA

David J. Terris, M.D., Professor and Porubsky Distinguished Chair in Otolaryngology, Department of Otolaryngology, Medical College of Georgia, Augusta, GA

Ralph P. Tufano, M.D., Associate Professor, Otolaryngology-Head and Neck Surgery, Johns Hopkins School of Medicine, Baltimore, MD

R. Michael Tuttle, M.D., Associate Professor of Medicine, Weil Medical College of Cornell University, New York, NY

Robert Udelsman, MD, Lampman Memorial Professor of Surgery and Oncology, Chairman, Department of Surgery, Yale University School of Medicine, New Haven, CT

Mark L. Urken, M.D., Chief, Division of Head and Neck Surgical Oncology, Department of Otolaryngology, Beth Israel Medical Center, New York, NY

Andrew Warshaw, M.D., W. Gerald Austen Professor of Surgery, Harvard Medical School; Chairman, Department of Surgery, Massachusetts General Hospital, Boston, MA

John C. Watkinson, MSc, MS, FRCS, DLO, Honorary Senior Lecturer and Consultant Otolaryngologist/Head and Neck and Thyroid Surgeon, Queen Elizabeth Hospital, Birmingham, UK