



**SAVE THE DATE!**  
University of Utah Neuroradiology  
2013 3rd Intensive Interactive  
Brain and Spine Imaging Conference  
March 25 - March 29, 2013

## University of Utah Neuroradiology

# 11th Intensive Interactive Head & Neck Imaging Conference

*Getting it Right: Expert Differential  
Diagnoses in the Head and Neck*

**March 26-30, 2012**



### Course Co-Directors

Richard H Wiggins, III, MD

H Ric Harnsberger, MD

### Special Guest Faculty

Patricia A Hudgins, MD – Emory University

Michelle A Michel, MD – Medical College of Wisconsin

Christine M Glastonbury, MBBS – UCSF, San Francisco

Philip R Chapman, MD – University of Alabama, Birmingham

*Winner of the 2011 Award for the Outstanding Live CME Activity*



**THE ALLIANCE  
Awards**  
2011 Recipient

*for the 2010 10th Intensive Interactive Head & Neck Imaging Course*

## Course Faculty

**Richard H Wiggins, III** Course Co-Director, UUMC Radiology Faculty

**H Ric Harnsberger** Course Co-Director, UUMC Radiology Faculty

**Patricia A Hudgins** Special Guest Speaker, Emory University

**Michelle A Michel** Special Guest Speaker, MCW

**Christine M Glastonbury** Special Guest Speaker, UCSF

**Philip R Chapman** Special Guest Speaker, UAB

**Jeffrey S Anderson** UUMC Radiology Faculty

**H Christian Davidson** UUMC Radiology Faculty

**Bronwyn E Hamilton** UUMC Adjunct Neuroradiology Faculty

**Edward P Quigley** UUMC Radiology Faculty

**Kathryn A Morton** UUMC Radiology Faculty

**Gary M Nesbit** UUMC Adjunct Neuroradiology Faculty

**Perry P Ng** UUMC Radiology Faculty

**Anne G Osborn** UUMC Radiology Faculty

**Ulrich A Rassner** UUMC Radiology Faculty

**Karen L Salzman** UUMC Radiology Faculty

**Lubdha M Shah** UUMC Radiology Faculty

**R Kent Sanders** UUMC Radiology Faculty

**David A Besachio** UUMC Neuroradiology Fellow

**Brian M Chin** UUMC Neuroradiology Fellow

**Jola M Dennis** UUMC Neuroradiology Fellow

**Ziyad L Khaleel** UUMC Neuroradiology Fellow

**Logan A McLean** UUMC Radiology Fellow

**J Scott McNally** UUMC Neuroradiology Fellow

**Vinh N Nguyen** UUMC Neuroradiology Fellow

**Alex B Schabel** UUMC Neuroradiology Fellow

**Pieter Janse van Rensburg** UUMC Neuroradiology Fellow

**Lauren V Zollinger** UUMC Radiology Fellow

**Gary L Hedlund** PCMC Radiology Faculty

**Kevin R Moore** PCMC Radiology Faculty

**Brandon G Bentz** UUMC Otolaryngology Faculty

**Luke O Buchmann** UUMC Otolaryngology Faculty

**Jason P Hunt** UUMC Otolaryngology Faculty

**P Daniel Ward** UUMC Otolaryngology Faculty

**Richard R Orlandi** UUMC Otolaryngology Faculty

**Clough Shelton** UUMC Otolaryngology Faculty

**Judith EA Warner** UUMC Neuro-Ophthalmology Faculty

## Course Objectives

At the conclusion of the conference, the participant will be able to:

- Understand relevant head and neck anatomy issues.
- Provide information on current imaging techniques and choosing the most appropriate studies for imaging the head and neck.
- Discuss differential diagnoses of the head and neck based on space-specific anatomic issues.

## Course Overview

This comprehensive course in head and neck imaging is intended to give radiologists an in depth exposure to head and neck anatomy, diagnoses, and differential diagnoses. The course is divided into two parts daily. The morning sessions of each day are made up of didactic lectures covering virtually all anatomic areas of the head and neck, with special sessions on the temporal bone, skull base, squamous cell carcinoma of the upper aerodigestive tract, orbit, the sinonasal region, and pediatric head and neck issues. Each afternoon is a mix of didactic lectures on head and neck imaging issues, protocols, and diseases with many interactive case reviews covering unknown head and neck cases correlating with the morning sessions. This time is designed to present the participant with hundreds of individual case examples of head and neck lesions. Interactive case presentations will be given with each individual case initially viewed as an unknown, maximizing the faculty-participant dynamic.

## Accreditation

The University of Utah School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.



## AMA Credit

The University of Utah School of Medicine designates this live activity for a maximum of 36.25 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Nondiscrimination and Disability Accommodation Statement

The University of Utah does not exclude, deny benefits to or otherwise discriminate against any person on the basis of race, color, national origin, sex, disability, age, veteran's status, religion, gender identity/expression, genetic information, or sexual orientation in admission to or participation in its programs and activities. Reasonable accommodations will be provided to qualified individuals with disabilities upon request, with reasonable notice. Requests for accommodations or inquiries or complaints about University nondiscrimination and disability access policies may be directed to the Director, OEO/AA, Title IX/Section 504/ADA Coordinator, 201 S President's Circle RM 135, Salt Lake City, UT 84112, 801-581-8365 (Voice/TTY), 801-585-5746 (Fax).

## Location and Accommodations

Marriott City Center, 220 South State Street in downtown Salt Lake City is holding special room rates for conference participants until February 26, 2012. Call the hotel at 801-961-8700 for reservations and state that you are with this meeting. Registration for the conference and hotel reservation information can also be made through links on the University of Utah Department of Radiology web site: <http://medicine.utah.edu/radiology/2012hn.htm>.

## Faculty Disclosure

The University of Utah adheres to ACCME Standards regarding industry of continuing medical education, and disclosure of faculty and commercial sponsor relationships (if any) will be made known at the activity. Speakers are also expected to openly disclose inclusion of discussion of any off label, experimental, or investigational use of drugs, devices, or equipment in their presentations.

# Intensive Interactive Head & Neck Imaging Course Curriculum

## Monday, March 26th, 2012

### Cervical Soft Tissues

- 7:00 **Breakfast**
- 7:15 Welcome, Logistics, and Introductions. **RH Wiggins**
- 7:30 Global Imaging Anatomy of the Cervical Soft Tissues. **HR Harnsberger**
- 8:00 EDDx: Oral Cavity. **KL Salzman**
- 8:30 EDDx: Parapharyngeal, Pharyngeal Mucosal, & Masticator Spaces. **HR Harnsberger**
- 9:00 EDDx: Infrahyoid Neck. **BE Hamilton**
- 9:30 **Morning Break**
- 9:45 Pitfalls of ENT Imaging. **PA Hudgins**
- 10:15 EDDx: Carotid & Retropharyngeal Spaces. **HR Harnsberger**
- 10:45 The Parotid Space. **CM Glastonbury**
- 11:15 EDDx: Perivertebral Space. **LM Shah**
- 11:45 Q and A Session with Morning Speakers
- 12:00 **Lunch Break**
- 1:00 Interactive Case Session in the Suprahyoid Neck. **PR Chapman**
- 1:30 Non-traumatic ENT Emergencies. **PA Hudgins**
- 2:00 Anatomy and Pathology of the Larynx. **CM Glastonbury**
- 2:30 Case Studies in the Carotid & Retropharyngeal Spaces. **JS McNally**
- 3:00 **Afternoon Break**
- 3:15 Head and Neck Vascular Lesions. **GM Nesbit**
- 3:45 Case Studies in Head and Neck Vascular Intervention. **PP Ng**
- 4:15 Case Studies in the Infrahyoid Neck. **AB Schabel**
- 4:45 Q and A Session with Afternoon Speakers
- 5:00 **Conclusion of Day**

## Tuesday, March 27th, 2012

### Temporal Bone/Skull Base

- 7:00 **Breakfast**
- 7:30 EDDx: Anterior Skull Base. **HC Davidson**
- 8:00 EDDx: Central Skull Base. **RH Wiggins**
- 8:30 EDDx: Posterior Skull Base. **HR Harnsberger**
- 9:00 Lesions of the Central Pediatric Skull Base. **GL Hedlund**
- 9:30 **Morning Break**
- 9:45 Temporal Bone Imaging Anatomy. **RH Wiggins**
- 10:15 Temporal Bone Inflammatory & Infectious Diseases. **HR Harnsberger**
- 10:45 Clinical-Imaging Correlates in Neuro-otology. **C Shelton**
- 11:15 Tumors of the Temporal Bone: EAC to IAC. **HR Harnsberger**

- 11:45 Q and A Session with Morning Speakers
- 12:00 **Lunch Break**
- 1:00 Interactive Case Session in the Central Skull Base. **PR Chapman**
- 1:30 Acquired Hearing Loss. **MA Michel**
- 2:00 CSF Fistula: Review and Recommended Work-up. **PA Hudgins**
- 2:30 Case Studies in the Anterior and Posterior Skull Base. **VN Nguyen**
- 3:00 **Afternoon Break**
- 3:15 Interactive Case Session in the CPA/IAC. **PR Chapman**
- 3:45 Diagnoses NOT to Miss in the Head & Neck. **MA Michel**
- 4:15 Case Studies in the Temporal Bone. **P Janse van Rensburg**
- 4:45 Q and A Session with Afternoon Speakers
- 5:00 **Conclusion of Day**

## Wednesday, March 28th, 2012

### Neoplasms/Sinonasal Region

- 7:00 **Breakfast**
- 7:30 Clinical-Imaging Correlates in SCCa Surgery. **JP Hunt**
- 8:00 The Nasopharynx. **CM Glastonbury**
- 8:30 Cervical Lymphadenopathy. **RH Wiggins**
- 9:00 Staging SCCa: From T1 to T4 and Why It Matters. **PA Hudgins**
- 9:30 **Morning Break**
- 9:45 Case Studies in Head & Neck Surgical Oncology. **BG Bentz**
- 10:15 Complications and Unexpected Findings in the Treated Neck. **CM Glastonbury**
- 10:45 Recurrent SCCa of the Head & Neck. **PA Hudgins**
- 11:15 PET/CT of the Head & Neck. **KA Morton**
- 11:45 Q and A Session with Morning Speakers
- 12:00 **Lunch Break**
- 1:00 Anatomy of the Paranasal Sinuses. **CM Glastonbury**
- 1:30 Sinonasal Inflammatory Disease. **MA Michel**
- 2:00 Clinical-Imaging Correlates in Sinonasal Surgery. **RR Orlandi**
- 2:30 Sinonasal Neoplasms. **MA Michel**
- 3:00 **Afternoon Break**
- 3:15 Case Studies in Head & Neck PET/CT. **LV Zollinger**
- 3:45 Imaging of the Sinus Surgery Patient. **MA Michel**
- 4:15 Case Studies in the Sinonasal Region. **JM Dennis**
- 4:45 Q and A Session with Afternoon Speaker
- 5:00 **Conclusion of Day**

## Thursday, March 29th, 2012

### SCCa/Orbit

- 7:00 **Breakfast**
- 7:30 Clinical-Imaging Correlates in Neuro-Ophthalmology. **JEA Warner**
- 8:00 EDDx: Adult Orbit. **HC Davidson**
- 8:30 Abnormalities of the Pediatric Orbit. **GL Hedlund**
- 9:00 Unknown Cases from the Participants. **HR Harnsberger/RH Wiggins**
- 9:30 **Morning Break**
- 9:45 Neonatal Nasal Obstruction. **GL Hedlund**
- 10:15 Case Studies in the Orbit. **JS Anderson**
- 10:45 EDDx: Sella and Parasellar Region. **AG Osborn**
- 11:45 Q and A Session with morning speakers
- 12:00 **Lunch Break**
- 1:00 Clinical-Imaging Correlates in Head & Neck Cancer Surgery. **LO Buchmann**
- 1:30 EDDx: Brachial Plexus. **LM Shah**
- 2:00 Case Studies in the Oral Cavity. **EP Quigley**
- 2:30 CPA-IAC: A DDx Approach to Lesions. **KL Salzman**
- 3:00 **Afternoon Break**
- 3:15 Case Studies in the Larynx and Hypopharynx. **DA Besachio**
- 3:45 Case Studies in the Sella and Parasellar Region. **BM Chin**
- 4:15 Case Studies in Squamous Cell Carcinoma. **ZL Khaleel**
- 4:45 Q and A Session with Afternoon Speakers
- 5:00 **Conclusion of Day**

## Friday, March 30th, 2012

### Trauma/Pediatric Issues

- 7:00 **Breakfast**
- 7:30 Clinical-Imaging Correlates in H & N Trauma. **PD Ward**
- 8:00 Head & Neck MRI Issues. **UA Rassner**
- 8:30 Masses in the Pediatric Neck. **KR Moore**
- 9:00 EDDx: Temporomandibular Joint. **RK Sanders**
- 9:30 **Morning Break**
- 9:45 Head & Neck Trauma. **EP Quigley**
- 10:15 Case Studies in Pediatric Neck Masses. **KR Moore**
- 10:45 Imaging the Pediatric Patient with Horner's Syndrome. **GL Hedlund**
- 11:15 Case Studies in the Pediatric Head & Neck. **LA McLean**
- 11:45 Q and A Session with Morning Speakers
- 12:00 **Conclusion of Course**

Course Registration Form  
**11th INTENSIVE INTERACTIVE  
 HEAD & NECK  
 IMAGING CONFERENCE**  
 University of Utah Neuroradiology  
 March 26 - 30, 2012

To register online, please visit us at:



<http://medicine.utah.edu/radiology/2012hn.htm>  
 (Or use your smart phone to scan this code)

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	<input type="checkbox"/> \$1600 (\$1700 after 2/26/12)	<input type="checkbox"/> \$800 (\$900 after 2/26/12)

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**For more information:  
 801-585-9337**

In case of cancellation, a refund (less a \$50 cancellation fee—provided that withdrawal is requested in writing) will be made. No refunds will be given after March 1, 2012.