About This CME Teaching Activity

This CME activity is designed to provide a practical yet detailed insight into the modern diagnosis, treatment and management of head and neck cancer. A review of the fundamentals of head and neck cancers; including anatomy, epidemiology and imaging characteristics in addition to pearls and pitfalls on how to best image various head and neck cancers are emphasized. Multi-disciplinary Tumor Boards take an in-depth look at management decision making, treatment options and the emergence of HPV-related head and neck cancers.

Target Audience

This CME activity is primarily intended and designed to educate general radiologists and neuroradiologists who wish to enhance their knowledge of imaging and treatment of head and neck cancer. This activity should also benefit ENT physicians, head and neck surgeons, medical and radiation oncologists, and general surgeons who are interested in head and neck cancer therapy and diagnosis.

Scientific Sponsor

Educational Symposia

Educational Objectives

At the completion of this CME teaching activity, you should be able to:

• Recognize the etiologic and risk factors in the development of head and neck malignancies.

• Describe the fundamental strategies for therapy of head and neck cancer, including the role of the radiologist in treatment planning.

• Determine the optimal imaging techniques for imaging the head and neck utilizing CT, MRI, and PET/CT.

• Recognize the surgeon's approach to cancers of the head and neck.

• Illustrate the complexity of post-treatment imaging in head and neck cancer, including efficacy, and recognition of treatment-related complication.

• Evaluate the role of modern radiation therapy for the treatment of head and neck cancer, including recent advances and prevention of treatment-associated toxicity.

No special educational preparation is required for this CME activity.
**Faculty**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Affiliation</th>
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<tbody>
<tr>
<td>Lawrence E. Ginsberg, M.D.</td>
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<td>G. Brandon Gunn, M.D.</td>
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<td>Deborah R. Shatzkes, M.D.</td>
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<td>Agnieszka Trojanowska, M.D., Ph.D.</td>
<td>Assistant Professor of Radiology, Medical University in Lublin, PL, Lublin, Poland</td>
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<td>Richard H. Wiggins, III, M.D., CIIP, FSIIM</td>
<td>Director of Head and Neck Imaging, Professor, Departments of Radiology, Otolaryngology, Head and Neck Surgery, and BioMedical Informatics, University of Utah Health Sciences Center, Salt Lake City, UT</td>
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</table>
Program

**Session 1**

**Imaging Oropharyngeal and Oral Cavity Malignancy**

*Lawrence E. Ginsberg, M.D.*

Concepts and Controversies in Treatment of Oral Cavity Cancer

*M. E. Kupferman, M.D., FACS*

Imaging of Cervical Lymphadenopathy in Head and Neck Cancer

*R. H. Wiggins, III, M.D., CIIP, FSIIM*

Multi-Disciplinary Tumor Board: Oral Cavity Cancer

*Moderator: R. H. Wiggins, III, M.D., CIIP, FSIIM*

**Session 2**

**HPV Update**

*L. E. Ginsberg, M.D.*

Impact of HPV on Head & Neck Cancer/Evolving Treatment of Oropharyngeal Cancer

*M. E. Kupferman, M.D., FACS*

Optimizing Patient Outcomes in Radiation Therapy for Oropharyngeal Cancer

*G. Brandon Gunn, M.D.*

Multi-Disciplinary Tumor Board: HPV

*Moderator: L. E. Ginsberg, M.D.*

**Session 3**

**Imaging of Posterior Skull Base and Temporal Bone Tumors**

*C. Douglas Phillips, M.D., FACR*

Surgical Management of Paraganglioma

*M. E. Kupferman, M.D., FACS*

Imaging of Orbital Tumors

*C. Douglas Phillips, M.D., FACR*

Multi-Disciplinary Tumor Board: Posterior Skull Base/Temporal Bone

*Moderator: C. Douglas Phillips, M.D., FACR*

**Session 4**

**Imaging of Sinonasal and Anterior Cranial Base Lesions**

*D. R. Shatzkes, M.D.*

Contemporary Sinonasal and Skull Base Surgery

*Ehab Y. Hanna, M.D., FACS*

Imaging of Nasopharyngeal Carcinoma and Central Skull Base Tumors

*R. H. Wiggins, III, M.D., CIIP, FSIIM*

Radiation Treatment Planning for Nasopharyngeal Carcinoma

*G. Brandon Gunn, M.D.*

Multi-Disciplinary Tumor Board: Sinonasal, Skull Base and Nasopharyngeal Cancers

*Moderator: Ehab Y. Hanna, M.D., FACS*
A CME Teaching Activity

2016 Head & Neck Cancer: Imaging and Multi-Disciplinary Clinical Care

Designated for SA-CME
This enduring material activity counts towards the SA-CME requirement for the ABR, similar to a SAM activity

Program

Session 5
Imaging and Biopsy Issues in Thyroid Neoplasia
C. Douglas Phillips, M.D., FACR

Surgical Management of Thyroid Malignancy
Ehab Y. Hanna, M.D., FACS

Imaging Issues in Hyperparathyroidism
Deborah R. Shatzkes, M.D.

Multi-Disciplinary Tumor Board: Thyroid
Moderator: Lawrence E. Ginsberg, M.D.

Session 6
Imaging of Salivary and Parapharyngeal Neoplasms
Deborah R. Shatzkes, M.D.

Surgical Management of Salivary and Parapharyngeal Neoplasms
Ehab Y. Hanna, M.D., FACS

Multi-Disciplinary Tumor Board:
Salivary/Parapharyngeal Tumors
Moderator: Deborah R. Shatzkes, M.D.

Session 7
Imaging of Laryngeal and Hypopharyngeal Cancer
Richard H. Wiggins, III, M.D., CIIP, FSIM

Surgical Management of Laryngeal and Hypopharyngeal Cancer
Michael E. Kupferman, M.D., FACS

Advances in Proton Therapy for Head and Neck Cancer
G. Brandon Gunn, M.D.

Multi-Disciplinary Tumor Board: Larynx/Hypopharynx
Moderator: Agnieszka Trojanowska, M.D., Ph.D.

Session 8
Imaging of Cutaneous Malignancy Including Perineural Spread
Lawrence E. Ginsberg, M.D.

Contemporary Surgical Therapy for Skin Cancers of the Head and Neck
Michael E. Kupferman, M.D., FACS

Radiation Therapy for Aggressive Cutaneous Malignancies of the Head and Neck
G. Brandon Gunn, M.D.

Multi-Disciplinary Tumor Board: Cutaneous Malignancy
Moderator: G. Brandon Gunn, M.D.
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