



### Dr. Brandon Bentz

Brandon Bentz, MD, is an assistant professor in the Department of Otolaryngology at the University of Utah School of Medicine. He is also a Huntsman Cancer Institute investigator.

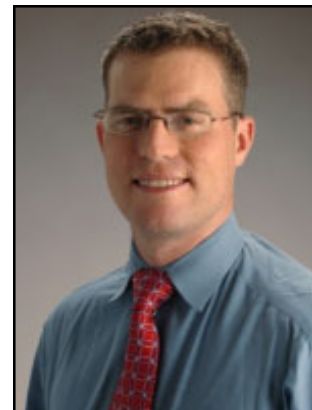
Bentz's primary clinical interest is the surgical management of head and neck tumors of the upper aerodigestive tract, skull base, thyroid/parathyroid, skin, and sarcomas. He is actively involved in clinical research exploring better ways to treat these tumors. Bentz also has a significant basic science research interest in the biology of cancer cells, and in particular exploring the intricacies of nitric oxide biology in cancer.

In 1993, Bentz received his medical degree at the University of Pittsburgh School of Medicine, and subsequently completed his residency in otolaryngology-head and neck surgery at Northwestern University Medical Center. He then completed a fellowship in head and neck surgical oncology at Memorial Sloan-Kettering Cancer Center. He joined the University of Utah faculty in 2002.

### Dr. Luke Buchmann

Dr. Luke Buchmann is an assistant professor at the University of Utah in the School of Medicine and a physician at Huntsman Cancer Institute. He focuses on the surgical management of head and neck tumors as well as the functional reconstruction of patients following head and neck tumor removal. His research interests focus on the function outcome of patients following head and neck cancer treatment as well as psychiatric sequelae of head and neck cancer therapy.

He earned a medical degree from the MCP Hanemann University School of Medicine, Philadelphia. He completed a residency in otolaryngology head and neck surgery at the University of Kansas, Kansas City and completed fellowship training in head and neck oncology at the Medical University of South Carolina, Charleston.



- ◆ **Oral Cancer Prevention and Early Detection: The Crucial Role of the Dental Professional**
- ◆ **Treatment and Prognosis of Oral Cancer**
- ◆ **Reconstruction and Functional Outcome Following Treatment for Head and Neck Cancer**

**3CEU**

Dr Bentz and Dr Buchmann will cover three topics pertaining to oral cancer. Patients with Head & Neck cancers still only experience a 50% five year survival rate, despite dramatic advances in surgical and radiation techniques and the advent of chemotherapy. A contributing reason for these poor outcome results is the fact that patients tend to be diagnosed at a later stage of their disease process. Since dental professionals are at the forefront of oral health screening, they occupy a powerful position that can contribute to improving these poor survivals. Our goals are to increase professional awareness of risk factors, signs and symptoms, and potential benefits of cancer early detection and prevention of head and neck cancer. This lecture is anticipated to increase the primary efforts toward this early detection and prevention of head and neck cancer screening and prevention counseling. It is anticipated that this may contribute to the improvement in overall survival results by improving the front line cancer efforts.

Head & Neck cancers can have quite unique and distinctive biology and prognosis based upon the subsite from which the cancer arises. Descriptions of unique biologies, prognoses will be discussed. A review of the staging classifications of Head & Neck cancers will round out the discussion in order to provide a general overall impression of how anatomic site, biology, and staging lend influence upon prognosis for patients with these cancers.

The basic reconstructive concepts for ablative defects of the head and neck following cancer surgery will be covered. Functional outcomes in patients who have had treatment for head and neck cancer will be discussed. We will focus on quality of life issues following treatment for head and neck cancer.