



**American Academy of Maxillofacial Prosthetics**  
**69<sup>th</sup> Annual Meeting: October 30 – November 1, 2022**  
**Omni Austin Downtown, Austin, Texas**

**Program Speaker – Harrison Spatz**

**Title**

Fabrication and Application of a Custom Orbital Brachytherapy Device

**Abstract**

Rhabdomyosarcoma is the most common soft tissue sarcoma of the head and neck in childhood, with 10% of all cases occurring in the orbit. Most instances of orbital rhabdomyosarcoma are treated successfully with a combination of systemic chemotherapy and local radiation. Recurrences, often lethal, do occur at a rate of 17% at a median time of 18 months after initial treatment. A highly successful treatment technique practiced at Memorial Sloan Kettering Cancer Center uses a multi-disciplinary approach to manage orbital sarcomas with surgery and implant brachytherapy. This presentation will discuss the fabrication and application of custom orbital brachytherapy devices, which allow for the administration of high dose radiotherapy while sparing vital, adjacent structures from the potential effects of such treatment.

**Biography**

Dr. Harrison Spatz received his Doctor of Dental Medicine from the University of Connecticut School of Dental Medicine. He then completed a residency in prosthodontics at the University of Maryland School of Dentistry, where he also earned a Master of Science. Dr. Spatz recently completed a fellowship in maxillofacial prosthetics at Memorial Sloan Kettering Cancer Center located in New York, NY.