



**American Academy of Maxillofacial Prosthetics**  
**70<sup>th</sup> Annual Meeting: October 21 – 24, 2023**  
**Omni San Diego Downtown, San Diego, California**

**Program Speaker – Vladimir Frias**

**Title**

One-Day Jaw Reconstruction: The Roswell Park Approach to Malignant Tumors

**Abstract**

The reconstruction of the maxillofacial system after a cancer diagnosis has undergone dramatic changes in the past twenty years. In traditional jaw rehabilitation, the removal of tumor tissue resulted in severe dysfunction with compromises to speech, swallowing, as well as appearance. The advent of microvascular tissue transfer and implant borne oral reconstruction allowed the delayed rehabilitation of patients with prostheses that more closely resemble the missing dental and facial units. More recently, advances in virtual surgical and prosthetic planning have allowed for an immediate reconstruction of oral and dental units at the time of resection of tumors. The One-day Jaw Rehabilitation method developed at the Roswell Park Comprehensive Cancer Center aims to not only to replace structures removed during the ablation of malignancies but also to rehabilitate the surrounding oro-facial structures, in some cases improving the patients function and esthetics well beyond where they were prior to their cancer diagnosis. The advantages and disadvantages of the technique will be discussed as well as the surgical and prosthetic challenges that have been encountered.

**Biography**

Dr. Frias is Associate Professor of Oncology, and Director of Maxillofacial Prosthetic service at the Roswell Park Comprehensive Cancer Center in Buffalo, Clinical Associate Professor in the Department of Oral and Maxillofacial Surgery at the University of Buffalo, and the Department of Prosthodontics at University of Rochester's Eastman Institute of Oral Health. He earned his DDS and MS degrees from Columbia University in New York City, where he completed his specialty training in prosthodontics and the Nobel Biocare Implant fellowship. He completed a Maxillofacial Prosthetics and Oncologic Dentistry fellowship at the New York Presbyterian Hospital-Bronx Veterans Administration Medical Center. He is a diplomate of the American Board of Prosthodontics and Fellow of the American College of Prosthodontists. His clinical and research interests are dedicated to the surgical placement and restoration of maxillofacial and craniofacial implants including immediate jaw reconstruction, facial prosthetics, and anaplastology. He also maintains a private practice limited to dental implant surgery and reconstruction.

*\*Has disclosed Affiliation/Financial Interest with the following company: Roswell Park Comprehensive Cancer Center*