



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

Program Speaker – Nurpur Patel

Title

Transformation of Tobacco-Related Oral Lesions to Oral Squamous Cell Carcinoma

Abstract

Oral squamous cell carcinoma historically affected elderly males and was significantly linked to the habitual use of tobacco and alcohol. Recent studies have shown increased incidence of oral squamous cell carcinoma in middle aged and younger individuals. Exposure to tobacco, alcohol, and human papillomavirus have been significantly linked to the development of oral cancer in the literature. Oral squamous cell carcinoma continues to be a cause of mortality in the United States and worldwide. It leads to debilitating oral conditions and quality of life challenges. Oral pre-malignant lesions (OPLs) such as leukoplakia, erythroplasia, oral submucous fibrosis, and oral lichen planus, have varying rates of malignant transformation. This presentation will cover the results of systematic review and meta-analysis about transformation of tobacco-related oral lesions to oral squamous cell carcinoma. Existing evidence on the subject will be discussed as well as clinical implications, need for surveillance and potential areas for future research.

Biography

Dr. Nurpur Patel is a Board-certified Prosthodontist. Dr. Patel completed her Bachelor of Dental Surgery degree from India before moving to the United States. She completed her DMD through the Program for Advanced Standing Students at Temple University Kornberg School of Dentistry. She obtained her Certificate in Prosthodontics and Master of Science in Oral Biology from University of Pennsylvania where she also served as Chief resident. Dr. Patel completed her fellowship in Oral Oncology and Maxillofacial Prosthodontics at University of Texas M.D. Anderson Cancer Center. She is a Diplomate of the American Board of Prosthodontics. She has presented posters at national and international meetings and has won multiple awards. Currently, she is an Assistant Professor at Temple University Kornberg School of Dentistry in the Department of Restorative Dentistry.