



Academy of Prosthodontics Annual Scientific Session San Diego, California | June 1 – 4, 2022

Program Speaker – Elahe Behrooz

Title

Bite Force Measurement and its Effects on Materials and Treatment Choices

Abstract

Bite force is an indicator of the masticatory system efficacy and an elemental treatment planning determinant. Low bite forces may affect nutrition choices and negatively impact the quality of life, whereas high bite forces may lead to tooth related, restoration related and implant related complications. A thorough assessment of the occlusion and bite force is an integral part of any prosthodontic treatment plan and the total bite force that a patient can generate, can influence treatment choices and materials. This presentation will reflect on methods to measure overall bite force and how this information can help create patient specific restorations based on intraoral conditions.

Learning Objectives

1. Provide an overview of occlusion assessment
2. Review a simple and predictable manner in which total bite force can be measured
3. Review the role of total bite force in treatment choices and materials used in providing prosthodontic treatment

Biography

Dr. Elahe Behrooz obtained her first DDS degree in Iran and her Master of Business Administration (MBA) from the Eric Sprott School of Business, Carleton University. She obtained her second DDS degree from the University of Toronto (U of T) with honors and is a graduate of the Prosthodontic program at the U of T. She is currently involved in private practice limited to Prosthodontics and Implant Dentistry and is a clinical instructor at the Faculty of Dentistry, University of Toronto in the Graduate Prosthodontics Department. She serves as Chief of Clinical Operations (CCO) the Build Your Smile Dental Foundation (Domestic) and is a clinical associate at the department of Dentistry, Mt Sinai Hospital, Toronto, ON.