

International College of Prosthodontists London Symposium – Satellite Meeting August 30 – September 2, 2023

<u>Invited Speaker – Arzu Tezvergil-Mutluay</u>

Title

Contemporary Adhesive Strategies for Direct and Indirect Restorations

Abstract

Over the past few decades, the introduction of adhesive techniques in conjunction with esthetic restorative materials has profoundly transformed treatment paradigms within prosthodontics. The primary objective of adhesive procedures is to establish a strong and long-lasting bond between dental restorations and tooth structures. This involves successful integration of restorative materials with dental hard tissues through adhesive techniques, resulting in the formation of a complex biomechanical entity. In contemporary prosthodontics, dental practitioners are privileged to wield a diverse array of materials that are tailored for various modes of dental restorations, spanning from direct applications to chairside (semi-direct) and indirect methodologies. This presentation focuses on distinct clinical strategies encompassing adhesive restorative procedures, offering insights into the key factors in achieving successful outcomes.

Biography

Dr Arzu Tezvergil-Mutluay is a specialist in prosthodontics, and holds the position of Full Professor and Head of Department of Cariology and Restorative Dentistry at the Institute of Dentistry, University of Turku, Finland. She practices and serves also as a senior consultant at Turku University Hospital. She is also the group leader of Adhesive Dentistry Research Group at Biomaterials and Medical Device program at Biocity, Turku

Dr Tezvergil-Mutluay has authored over 100 peer reviewed journal articles, lectures nationally and internationally, she is the editorial board member of several well-recognized journals and member of multiple professional associations. Her scientific and educational interests include minimal invasive adhesive restorations, dental materials including fiber-reinforced composite materials, high-strength ceramic materials, adhesive bonding and luting cements. Her clinical practice focuses on most aspects of prosthodontics with currently main focus on the oral rehabilitation of cancer patients, dry mouth patients and wear patients as well as sleep apnea patients. Her current research is supported by funding from National funding agencies.