



Academy of Prosthodontics Annual Scientific Session Sofitel Hotel, Chicago, Illinois May 9-12, 2018

Program Speaker - Dr. Carlo E. Poggio

Title

Metal Free Materials in Fixed Prosthodontics: A Systematic Review of Randomized Clinical Trials

Abstract

The clinical performance of fixed prosthodontic restorations of different materials remains unclear. A systematic review of Randomized Clinical Trials (RCTs) was undertaken to assess the effects of metal-free materials for prosthodontic restorations compared to metal-ceramic or conventional all-metal materials. The review was performed according to standard methodological procedures of The Cochrane Collaboration. RCTs in which the clinical performance of metal-free fixed prosthodontic restorations was compared with metal-ceramic or other conventional restorations in adult patients requiring prosthodontic treatment were included. Screening of eligible studies, assessment of the methodological quality of the trials and data extraction were conducted independently and in duplicate. Available results for the outcomes of interest of the systematic review of the studies included were reported. The overall quality of existing evidence is low and furthermore, the standard quality in reporting data needs urgent improvement.

Learning Objectives

1. To highlight best available evidence on metal free materials in fixed prosthodontics from a systematic review according to standard methodological procedures of the Cochrane Collaboration.
2. To discuss the most common limitations of existing research.
3. To propose possible improvements of standards for publication.

Biography

CARLO E. POGGIO DDS, MSD, PhD

Carlo E. Poggio is an Associate Fellow of the Academy of Prosthodontics, an Active Member of the Italian Academy of Prosthetic Dentistry (AIOP), the Italian Society of Orthodontics (SIDO) and the Italian Society of Periodontology and Implantology (SIIP). He is a Visiting Professor in the Departments of Prosthodontics of the universities of Siena (Italy) and Rochester (NY) and in the postgraduate program of Orthodontics of the University of Milan (Italy). He is President-elect of the Italian Academy of Prosthetic Dentistry (AIOP) and a member of the Executive Board of the American Prosthodontic Society. He is in private practice in Milan and is active in research and publishing (H-index 20).