



AMERICAN ACADEMY OF FIXED PROSTHODONTICS 2012 SCIENTIFIC SESSION

FRIDAY, FEBRUARY 24, 2012



**ARIEL J. RAIGRODSKI,
DMD, MS, FACP**

BIOGRAPHICAL SKETCH:

Dr. Raigrodski is a tenured full Professor and Director of Graduate Prosthodontics at the Department of Restorative Dentistry at the

University of Washington. He is a member of the editorial review boards of the Journal of Esthetic and Restorative Dentistry, the Journal of Prosthodontics, and the Journal of Prosthetic Dentistry. Dr. Raigrodski is a graduate of the Hebrew University in Jerusalem Israel. He received his certificate in Prosthodontics at Louisiana State University School of Dentistry, where he also completed a fellowship in implants and esthetics, and an MS degree. He is a Diplomate of the American Board of Prosthodontics, a fellow of the American College of Prosthodontists, A fellow of the International College of Dentists, a member of the American Academy of Fixed Prosthodontics, the Academy of Osseointegration and other professional organizations. Dr. Raigrodski's research is mainly clinical and focuses in all-ceramics and CAD/CAM technology. He lectures both nationally and internationally, and holds a private practice in Kenmore, WA.

LECTURE TITLE: "Zirconia Based Restorations: What have we learned?"

LECTURE SYNOPSIS:

This presentation will discuss the mechanical as well as optical properties of zirconia and the indications and limitations of zirconia-based restorations. The program will address the question of how the advent of CAD/CAM technology as well as veneering porcelain application techniques support the fabrication of these restorations. Comprehensive cases will be presented to demonstrate the use of zirconia-based restorations as part of an interdisciplinary treatment approach.

Objectives:

- To gain understanding of the unique properties of zirconia, and how it translates to its clinical usage including results of clinical studies.
- To describe the techniques and technologies available for fabricating zirconia-based restorations with the advent of CAD/CAM technology supports.
- To discuss the indications and limitations of zirconia-based restorations.