

Dr. Steven E. Eckert

Title

Research and Publications in Implant Dentistry: Where have we been and where are we going?

Abstract:

This presentation will provide the audience with examples of classic literature that provided the foundation for the acceptance of dental implants as reliable devices that are used to retain and support dental prostheses. The classic literature will be carefully analyzed to identify the strengths and weaknesses associated with this literature. Alternative study designs will be discussed while considering the merits and deficiencies associated with different designs. Specifically, the practicality of studies that are designed to minimize investigator bias will be considered. Discussion of alternative designs that address issues of directness, consistency and precision will be provided as these relate to the overall strength of evidence. Likewise, strength of evidence will be considered relative to clinical decision-making in implant dentistry.

Learning Objectives

1. Attendees will appreciate the level of evidence that has been used to establish implant dentistry as a recognized discipline in dentistry
2. Members and guests will understand the fundamental reason behind the evidence based hierarchy
3. Alternative factors regarding quality of research will be discussed

Biography

STEVEN E. ECKERT, DDS, MS

Steven Eckert attended the Ohio State University College of Dentistry and completed a General Practice Residency at Mt. Sinai Hospital in Chicago. This was followed by a private practice with teaching responsibilities at Loyola University School of Dentistry. In 1985 he undertook graduate training a MS degree at the Mayo Clinic in the Specialty of Prosthodontics and then remained on staff at the Mayo Clinic where he served as Graduate Program Director for Prosthodontics for more than a decade. In 2010 he retired from the Mayo Clinic to begin a full time private practice devoted to implant dentistry. He remains Professor Emeritus in Dentistry at the Mayo Clinic College of Medicine. He has been president of the Academy of Osseointegration, American Academy of Maxillofacial Prosthetics, Academy of Prosthodontics and the American Board of Prosthodontics, and is currently Editor-in-Chief for the International Journal of Oral and Maxillofacial Implants.