

Dr. James A. Kelly

Title

Evaluation of Endosteal Implants Placed Prior to or During Non-Surgical Therapy in the Head and Neck Cancer Patient: Part II, 5-years Later

Abstract:

Endosteal implant placement prior to or during non-surgical therapy in the head and neck cancer patient requires a myriad of complex decision making treatment processes. After an initial report on 52 patients receiving implants placed prior to or during nonsurgical therapy in the head and neck cancer patient 5 years ago at the Academy of Prosthodontics in 2011, a current report of this patient population will be presented. This lecture will discuss the benefits and risks associated with implants placed in a multidisciplinary cancer-treating environment. The goal of this lecture is threefold: 1) to discuss treatment planning dilemmas in this unique patient population, 2) to discuss survival rates of implants in these patients, and 3) to discuss radiation's impact on osseointegration.

Learning Objectives

1. To understand the temporal relationship of treatment planning patients undergoing cancer therapy
2. To evaluate levels of radiation to implants and correlate with survival
3. To discuss the efficacy of this treatment in head and neck cancer patients undergoing non-surgical therapy

Biography

JAMES A. KELLY, DDS, MS, FACP

James Kelly is an Assistant Professor of Dentistry and current director of Maxillofacial Prosthetics and Dental Oncology at the Mayo Clinic. His research interests are in the area of Maxillofacial Prosthetics care, and outcomes of treatments. He enjoys active involvement in many various organizations and outreach projects.