

INTERNATIONAL COLLEGE OF PROSTHODONTISTS
London Symposium - Satellite Meeting

KING'S
College
LONDON London
UK

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in Shanghai, China October 14-17, 2023

IP 2023

August 30 - September 2, 2023

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Invited Speaker – Kenneth Malament

Title

An Advanced Perspective on Lithium Disilicate Restorations in the Age of Zirconia

Abstract

Dentistry that is esthetic to the patient is an important clinical objective. The knowledge within dental technology, dental science and dental practice has dramatically expanded leading to better quality; artistry and more standards based clinical applications. Ceramics are the most consistently predictable esthetic dental material. Today dentists can offer more treatment options for patient's complex problems. The single phase or monolithic all-ceramic materials have become increasingly more popular with minimal chipping. These types of dental ceramic materials are dominating the market and future development bringing with it more long-term success. Metal-ceramics and monolithic Zirconia are the "state of the art" for complex implant prosthodontics.

All-ceramic materials were developed to improve ceramic color and marginal fit. Present bi-layered all-ceramic crowns on molars have reached their full potential. Despite substantial improvements in material strength and toughness, they still may fail because of breakage and chipping. The Lithium Disilicate e. max and Zirconia mono-layered all-ceramic material are changing dentistry and the realization of long-term ceramic survival. Original research will be presented that studied the clinical behavior of almost nine thousand seven hundred all-ceramic restorations and specifically significantly more than 4800 e. max Lithium Disilicate restorations.

Learning Objectives

1. To understand what factors and concerns a prosthodontist would have treating patients that require "esthetic procedures".
2. To understand the controversies that exists with modern dental materials.
3. To understand what clinical factors impact on long term survival of dental ceramic materials. The e max lithium disilicate ceramic restoration has proved with over 4800 restorations and 18 years to be the most successful ceramic ever studied.
4. To understand the restoration of dental implants in complex conditions.

Biography

Dr. Malament received his D.D.S. from N.Y.U. College of Dentistry and a specialty certificate and Master's degree from Boston University School of Graduate Dentistry. Dr. Malament has a full time practice limited to prosthodontics in Boston that includes a dental laboratory with master dental technologists. A Past-President of the American Board of Prosthodontics, he is a Clinical Professor at Tufts University and a Course Director in the postgraduate department of Prosthodontics. He has served as the President of the Academy of Prosthodontics, President of the American Academy of Esthetic Dentistry, President, Greater New York Academy of Prosthodontics, President, Northeastern Gnathological Society and President of the American Academy of Dental Science. Dr. Malament is a Fellow of the International College of Prosthodontists and served on the Executive Board and Treasurer. Dr. Malament has been the recipient of significant awards in Prosthodontics including the American College of Prosthodontists' Clinician / Researcher Award, Daniel F. Gordon Award for Lifetime Achievement and Distinguished Lecturer Award, the American Academy of Fixed Prosthodontics' George Moulton Award for Outstanding Achievement, the Greater New York Academy of Prosthodontics Distinguished Lecturer Award, the Greater New York Academy of Prosthodontics Schweitzer Award, the European Academy of Esthetic Dentistry John McLean Honorary Lecture Award and the first Frank V. Celenza Memorial Award from the Northeastern Gnathological Society. He was presented with the Judson C. Hickey Scientific Writing Award om 2023 from the Journal of Prosthetic Dentistry. Dr. Malament was on the research and development teams for two different well-known ceramic products and developed instrumentation used in clinical practice.