

## **An Evidence Based Comparative Approach to Better Crown and Bridge**

Presented by Dr. Dean Mersky

With the advent of all-ceramics, CAD/CAM, and adhesion dentistry, a dentist needs to be both clinician and chemist. Unfortunately, formal education and the information offered by manufacturers often fall short of today's demands. Finding and interpreting applicable research regarding available materials can be just as daunting. Recognizing these problems, Dr. Dean Mersky has prepared a research-based comparative overview of crown and bridge systems to help doctors gain a clearer understanding of materials, their uses and limitations.

Materials discussed will include:

- Traditional cast PFM's
- Captek supported porcelain
- All-ceramic materials
- Impressions
- Cements & Adhesives.
- The Perio-Systemic Disease connection...Update

Each point of discussion will be accompanied by supporting independent research. Attendees should expect to gain a deeper appreciation of why various materials work (and don't work) and in which situations they are best suited.

- Captek or cast PFM: fit, biocompatibility, porcelain bond strength, esthetics
- All-ceramic strengths and weaknesses: when, what, and how to use them
- Impression materials: what the research says, what the labs say
- Adhesion: a research-based dissection and their clinical implications
- Technique and rationale for predictable Crown & Bridge preparations

Dr. Dean Mersky, a 1976 graduate of the University of Detroit, School of Dentistry, practiced in Manhattan Beach, California for 26 years. Currently, Dr. Mersky serves as the director of clinical communication for the Captek Company.

Dr. Mersky's dental practice was concentrated in the areas of treatment of the TMJ, dental reconstruction, and cosmetic dentistry. His expertise with Captek restorations comes from the almost 2,000 Captek crowns and bridges that he has placed, and the many different uses and clinical trials he has contributed to. Additionally, Dr Mersky has authored many articles on the use of Captek in the restorative practice, and has lectured on the material to dental groups nationally for past several years, including both dental societies and study clubs, and for national laboratory associations. Dr. Mersky's articles have been published in the annual American Society for Dental Aesthetics Journal, Dentistry Today, AGD, Journal of Dental Technology, and the Florida Dental Association.

Dr. Mersky is an accredited member of the American Association of Dental Aesthetics and the Northeast Gnathological Society.. He and his family currently reside in Doylestown, PA.