California Association of
Vietnamese-American Dentists

Sunday, June 14th, 2006

1.5 CE Credits

Why Crowns Fail: Clinical Principles of Prep Design and Cement Selection for Long-Lasting Restorations (**speaker** Jenny Le, DDS -Prosthodontist)

Summary:

This presentation reviews the fundamental principles of crown preparation and evidence-based cement selection to improve clinical success. It highlights how preparation design, material choice, and cementation protocols work together to influence retention, fracture resistance, and long-term outcomes. Practical guidelines and decision-making frameworks are provided to help clinicians prevent common crown failures and optimize predictability in everyday practice.

Objectives:

By the end of this presentation, you will be able to:

1. Identify the biological, mechanical, and esthetic principles that guide predictable crown preparation **(Shillingburg's six principles)**
2. Apply material-specific **preparation requirements** for zirconia, lithium disilicate, PFM, and full-metal restorations
3. Differentiate cement categories and **select the appropriate cement** based on prep design, material, and clinical conditions
4. Perform **correct surface treatments** for zirconia, glass ceramics, and metal restorations
5. Execute a **step-by-step cementation workflow** from try-in to cleanup for consistent outcomes
6. Identify common causes of crown failure and apply appropriate material selection, preparation design, and cementation protocols to prevent them.

About the Speaker

Dr. Jenny Le is a Prosthodontist and Maxillofacial Prosthetics specialist serving the North Orange County area. She earned her undergraduate degree in Dental Hygiene with honors from USC, followed by her Doctor of Dental Surgery degree, graduating among the top of her class. Dr. Le completed a three-year Prosthodontics residency at UCSF, where she served as chief resident, and went on to complete a Maxillofacial Prosthetics fellowship at UCLA. She currently practices in Westminster and serves as a part-time faculty member in the Advanced Prosthodontics program at UCLA. Dr. Le is dedicated to excellence in patient care and education, staying current with the latest advancements in restorative and implant dentistry.