Contemporary Applications of Porcelain Veneers: A New Paradigm for the 21st Century

- Do Porcelain Veneers Weaken Teeth?
- When Should Veneers Be Avoided?
- Can Teeth Benefit From Whitening Before They Are Veneered?
- Can Veneers Strengthen Teeth That Are Worn, Chipped Or Eroded?
- Are Pressed Ceramic Veneers Better Than Feldspathic Porcelain?
- Are Crowns Stronger Than Veneers?
- Should Endodontically Treated Teeth Be Veneered?

Herman Ostrow School of Dentistry of USC
Part I - Lecture: Friday, July 16, 2010, 9:00 a.m. - 5:00 p.m.
Part II - Laboratory simulation exercise: Saturday - Sunday, July 17 - 18, 2010, 9:00 a.m. - 5:00 p.m.

★ Life-Long Tradition and Excellence ★
As patients get older, "thinning", "chipping" and "discoloration" are common problems. These changes are often the result of diet high in acidic content and/or functional and parafunctional wear. If the loss of enamel is not treated early the affected teeth may become functionally compromised and consequently unattractive. Increased awareness among the aging population coupled with the desire of the public to maintain youthful appearance, and recent media attention to porcelain veneers have generated a "boom" in the area of esthetic dentistry to the extent that patients are demanding them. Advances in material science, and knowledge in the field of biomechanics have produced evidence that supports restoration of these weakened teeth to improve their function and enhance esthetics. The lecture part of this course will familiarize the participants with the most contemporary "evidence based" clinical knowledge regarding bonded porcelain restorations. The primary objective of the lecture is to propose a treatment philosophy that respects the vitality and biomechanical properties of the natural teeth, while improving the patient’s smile. It will be demonstrated that once the biomechanical considerations are understood and respected, the "Natural Beauty" of the smile merely becomes a "by product".

**Topics to be covered:**

- Diagnosis and treatment planning with emphasis on bonded restorations
- Smile analysis and design
- Case presentation to patients using power point and photography
- Diagnostic 3-dimensional mock-up previews
- Preparation design using reduction guides and mock ups
- Immediate dentin sealing
- Provisional techniques and fabrications
- Impressions
- Cementation philosophy and techniques
- Porcelain selection and surface preparation
- Shade taking using photography
- Lab communication using power point and photography
- Bonding restorations in the restoration of the vertical dimension of occlusion
- Replacement of failing veneers
- Veneers and periodontally involved teeth
- Smile make-overs in the presence of facial asymmetries
- And more....

In order for participants to be able to fully implement the topics learned in the lectures, it is highly recommended to bring staff members. Tuition will allow one staff member to accompany the participant. Part I is a prerequisite for part 2.

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**Part II - Hands-On Workshop: Saturday - Sunday, July 17 - 18, 2010**

Each lab day will begin with a bonus complete case-study demonstrating and using principles discussed in the lecture. This intensive 2-day course will allow participants and their staff members to master all the necessary steps required to implement the contemporary material presented in Part I. To maximize learning experience attendance is limited ensuring a favorable faculty to student ratio.

A special topic has been specially designed to replicate multiple everyday clinical situations. In the first exercise, participants will practice the concepts and techniques presented in the lectures to prepare and provisionalize 4 maxillary anterior teeth for indirect veneer restorations. The second part of the exercise will involve the cementation of 2 porcelain veneers for the maxillary central incisors that have been ideally prepared and fabricated ahead of time. Additionally, arrangements have been made to have participants use oscillating ultrasonic handpieces during the exercises. All necessary equipment will be provided in the state-of-the-art USC’s Simulation Dental Laboratory. Completion of Part I is a requirement for registration to the laboratory simulation exercise unless prior arrangements are made with the course director.

Upon completion participant should know how to:

- Duplicate wax ups
- Make all necessary silicone matrices
- Fabricate diagnostic mock-ups
- Practice the concept of tooth reduction using final proposed contour
- Use mock-ups to prepare teeth conservatively and efficiently
- Use specific instrumentation and why
- Use oscillating ultrasonic handpieces to create ideal margins
- Fabricate indirect provisional using a flexible silicon die material
- Characterize and cement provisional restorations
- Perform ideal porcelain preparation prior to cementation
- Use a highly filled composite to cement veneers
- Finish final margins

**Topics to be covered:**

- Contemporary Applications of Porcelain Veneers: A New Paradigm for the 21st Century (Part I - Lecture)
- Friday, July 16, 2010
  - Before June 15, 2010: Dentist $295; Auxiliary $175
  - After June 15, 2010: Dentist $345; Auxiliary $225
  - Tuition includes one staff member, course material, continental breakfast, and refreshments during breaks.

- Contemporary Applications of Porcelain Veneers: A New Paradigm for the 21st Century (Part I & II)
  - Friday - Sunday, July 16 - 18, 2010
  - Before June 15, 2010: Dentist $1,995
  - After June 15, 2010: Dentist $2,295
  - Tuition includes one staff member, course material, continental breakfast, lunch and refreshments during breaks.

For additional registrations, xerox this form and send.