USC Esthetic Dentistry Training Program
China 2015
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About the Program
There is no secret that patients today want whiter and brighter natural looking teeth just as they see in the movies and on television every day. Whether the restorations are on implants or on natural teeth, patients expect esthetic solutions that are predictable and long lasting. For natural teeth, advances in ceramic materials and modern restorative techniques have made esthetic dentistry more available and more affordable today. Improved esthetic results can be achieved with conservative procedures and non-metallic materials such as veneers, inlays, onlays, and of course all-ceramic full crowns. For implants, CADCAM technology and modern high-strength materials provide solutions today that were not available even a few short years ago. The objective of this comprehensive training program is to present different treatment options brought to you by the best faculty at the Ostrow School of Dentistry of USC.

The USC esthetic training program consists of the following modules:
• Eleven days in China consisting of 2 four day sessions and 1 three day session in Shanghai including lectures and hands-on workshops
• Five days in Los Angeles including lectures and hands-on workshops

The main strength of this program is that up-to-date and predictable protocols will be presented in a systematic manner by world experts on faculty at Herman Ostrow School of Dentistry of USC.

Who will benefit from attending this course:
This course is appropriate for any clinician who is interested in gaining comprehensive training in esthetic dentistry:
• Beginners with limited esthetic dentistry knowledge
• Clinicians with intermediate or advanced experience in restorative dentistry who would like to increase the predictability of their treatment by adopting evidence-based updated protocols

Please note: We reserve the right to change course dates, times, and speakers in the case of unforeseen circumstances. Registrants will be notified with changes in advance.

We look forward to welcoming you to our program in China!

Baldwin Marchack, DDS, MBA
Program Director
Synopsis
Dentistry is changing and restorative dentistry has advanced in giant strides. With over a hundred years of history, USC has been known all over the world for its excellence in the dentistry. USC is taking the lead to modernize dental education especially in the field of bonded restorations.
On day one, participants will learn updated contemporary protocols, materials and techniques. Smile Design is an important step in esthetic treatment planning in order to have better communication with the patient and the technician before treatment begins.

The lecture will show the use of the presentation software to design the smile digitally which is simple to use and easy for the patient to visualize the aesthetic outcome.

The lecture will show that dental composites and ceramics constitute striking elements of this nascent approach to both anterior and posterior tooth. Apart from their cosmetic advantage, the new adhesive techniques offer many other benefits such as tissue conservation and natural strengthening of remaining tooth substance.

On day two, the course will begin by familiarizing the participants with the basic photographic knowledge needed to produce high quality intra-oral and extra-oral photographs. Then, using meticulously documented cases, the participants will learn all the relevant applications of dental digital photography for today's high paced dental practices.

On day three, the objective of this course is to review and present different treatment options that are available to restore the damaged tooth with minimal or no further reduction of the remaining healthy tooth structure using adhesive concepts and materials. At the conclusion of this thought provoking presentation, participants will become familiar with concepts that will challenge traditional concepts for restorative care.

On day four, participants will gain proficiency in diagnosis and treatment planning for the single missing anterior or posterior tooth, and will master the restorative steps for the single posterior implant and the single anterior implant. Restorative decision making and execution will be transformed into a simple and easy process. Participants will also learn how to avoid and manage restorative complications. The hands-on workshop will feature impression-making techniques and fabricating provisional restorations, custom impression copings and custom abutments.

Educational Objectives
- Diagnosis and treatment planning
- Develop an ideal, efficient and profitable treatment sequence for each case
Module 2: Shanghai, China
Friday, April 10, 2015 - Monday, April 13, 2015

Restorative Dentistry: from Traditional to Contemporary

Synopsis
Day 1: Restorative Dentistry: From Traditional to Contemporary, Part 1 – Eddie Sheh
Day 2: Restorative Dentistry: From Traditional to Contemporary, Part 2 – Eddie Sheh
Day 3: Current concepts in Adhesive dentistry, lecture and hands on - Jin Ho Phark
Day 4: Principles of preparation design, lecture and hands on - Jin Ho Phark

On days 1 & 2
On days 3 & 4, the lecture will focus on the most updated concepts in Adhesive dentistry and Principles of preparation design. The restorative team should be able to provide patients with minimally invasive, highly esthetic, and long-lasting restorative solutions. Novel esthetic procedures allow the clinician to select among a variety of treatment designs based upon the patient needs. The potential for successful esthetic outcome and its limitations must be identified before the selection of appropriate treatment plan and materials. This presentation provides a systematic and scientific approach for selecting esthetic treatment based on research data generated at the Division of Restorative Sciences, Herman Ostrow School of Dentistry of University of Southern California.

Educational Objectives
• Diagnosis and treatment planning

Educational Objectives
• Gain awareness to assess esthetic restorative materials to achieve successful results
• Understand how minimally invasive treatment can be applied to compromised dentition
• Learn how to select the right treatment from a plethora of esthetic solutions
Module 3: Shanghai, China
Friday, June 19, 2015 - Monday, June 22, 2015

Smile Design
Advanced Restorations with Dental Implants

Synopsis
Day 1: Esthetic Implant Restorations Part II, lecture and hands on - Baldwin Marchack
Day 2: Smile Design, smile design workshop, Occlusion - Ryan Tse Tak On & Baldwin Marchack
Day 3: Evaluation of doctor assignments
Shade matching, color theory, workshop - Ryan Tse Tak On & Baldwin Marchack

On day 1, participants will gain confidence and proficiency in restoring any type of implant connection. Both internal and external connections will be discussed, and advantages and disadvantages of the various types of connections will be analyzed. Participants will also learn when certain connections are indicated or preferred and how to participate in the decision making process with the oral surgeon or periodontist. The management of implants from single unit to multiple units in the partially edentulous arch will be discussed. In addition to lectures and demonstrations by the instructors, participants will have the opportunity to participate in a hands-on workshop including impression-making techniques, fabricating custom impression copings, fabricating provisional restorations for different types of implant connections, and provisional restorations for multiple implants.

On day 2, The principles of smile design will be discussed. The principles of occlusion will be introduced and the relationship between and influence of occlusion on the shape and form of the anterior teeth will be presented.

On day 3, the principles of smile design will be continued, and the evaluation of doctors’ assignments will take place, as well as participating doctors’ presentations

Educational Objectives
- Diagnosis and treatment planning with multiple implants
- Abutment selection
  - Prefabricated stock abutments
  - Custom computer designed abutments
  - Splinting at implant level
  - Splinting at abutment level
  - Splinting at the restoration level
- Provisionalization
- Impression techniques
- Biomechanics and occlusion
- Treatment planning considerations for smile design
- Learn how to select the right treatment from a plethora of esthetic solutions
Module 4: Los Angeles, California
Monday, August 24, 2015 - Tuesday, August 25, 2015

Additive and Resective Periodontal Plastic Surgery.
A Restorative Perspective.

Synopsis
Periodontal treatment outcome is primarily dependent on proper diagnostic, prognostic and treatment planning. Only after those requirements are satisfied that a proper execution will interplay. Restorative dentists face on a daily basis the decision making of bonding on a denuded root or grafting it. Placing a crown margin deep in the periodontal sulcus or crown lengthening the tooth. What is the best treatment for our patient and why?

The purpose of this presentation will be to discuss:
- Understand the basics of a smile design
- Diagnosis of a clinically short dentition and the treatment with esthetic surgical crown lengthening
- Diagnosis of “biological width” and the treatment with functional surgical crown lengthening.
- Diagnosis and treatment planning of non-carious radicular lesion.
- Diagnosis and treatment planning of exposed root with connective tissue graft
- Discuss the application of biological modifier in the current trend of periodontal plastic procedures.

All discussion will be restoratively driven in order to simplify the decision making of the restorative dentist.
Esthetic and Adhesive Dentistry

Synopsis
Bonded restorations in the anterior and posterior dentition (Days 1 & 2)
The combination of both composites and ceramics seems theoretically appropriate to reproduce the original stiffness of the tooth and modulate the tooth-restoration strength. Therefore, modern concepts in restorative dentistry have brought new solutions through bonded porcelain restorations (BPRs) that are stress distributors and involve the crown of the tooth as a whole in supporting occlusal force and masticatory function. Among these, the good overall clinical behavior of anterior porcelain laminate veneers bonded tooth in terms of fracture rates, microleakage, debonding and soft tissue response is generally well recognized and attested by numerous clinical studies. Continuous developments in the field of adhesive restorative techniques have permitted significant broadening of the originally-defined spectrum of indications for BPRs in the anterior dentition and thus contribute to two of the major objectives of conservative restorative dentistry: the maximum preservation of sound tooth structure and the maintenance of the vitality of the teeth to be restored. Indications for BPRs are extending to more perilous situations (worn-down, nonvital or crown-fractured teeth), resulting in considerable improvements, comprising both the medical-biological aspect and the socio-economical context (ie, decrease of costs when compared to traditional and more invasive prosthetic treatments). From this perspective, indications, treatment planning, diagnostics, tooth preparation, laboratory procedures and adhesive luting procedures of BPRs will be carefully detailed.

Ultraconservative esthetic treatment options (Day 3 - AM)
Although bonded ceramics seem to represent the ultimate biologic, functional, mechanical and esthetic restoration for compromised anterior teeth, the number of ultraconservative treatment strategies continues to grow. The practitioner is faced with many esthetic treatment modalities. The major disadvantage of this evolution is that it becomes increasingly difficult to make the appropriate choice in a given clinical situation. The availability of various treatment alternatives often allows for selection of an approach that conserves the maximum amount of intact tissue and which complies with the biomimetic principle. Treatment options should always first include the simplest procedures such as chemical treatments and freehand composites and then progress toward more sophisticated approaches such as laminate veneers and full coverage crowns only when required. The aim of this presentation is to determine which clinical situations do not require ceramic veneering and can be approached with ultraconservative techniques, combining bleaching and direct application of composite resins.

Following this presentation, attendees will be able to:
- Determine which clinical situations do not require ceramic veneering and can be approached with ultraconservative techniques, combining bleaching and direct application of composite resins.
- Choose the safest and most reliable techniques for vital and nonvital bleaching.
- Improve their skill in the freehand application of composite resins.

Esthetics Principles (Day 3 - PM)
Esthetic restorative procedures can only be mastered consistently if both clinician and ceramist are perfectly familiar with the basic principles of natural oral esthetics. Most important criteria have been selected and are presented in the form of a checklist for esthetic restorative success (modified from Belser). This overview of esthetic principles is not limited to simple tooth esthetics, but includes the entire knowledge of gingival esthetics and the final esthetic integration into the frame of the smile, face and - more generally - the individual.

At the end of the course participants will be familiar with:
1. Basic principles of natural oral esthetics.
2. A checklist of important criteria for esthetic restorative success.
3. Gingival esthetics and challenges related to the loss of inter-dental tissues in fixed partial dentures and implant-supported restorations.
# Program Summary

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Course</th>
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<tbody>
<tr>
<td>February 13 - 16, 2015 (Friday - Monday)</td>
<td>Intra Oral Photography; Minimally Invasive Dentistry; Esthetic Restoration of the Single Implant</td>
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<tr>
<td>April 10 - 13, 2015 (Friday - Monday)</td>
<td>Restorative Dentistry: from Traditional to Contemporary</td>
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<tr>
<td>June 19 - 22, 2015 (Friday - Monday)</td>
<td>Smile Design; Advanced Restorations with Dental Implants</td>
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<tr>
<td>August 24 - 25, 2015 (Monday - Tuesday)</td>
<td>Additive and Resective Periodontal Plastic Surgery. A Restorative Perspective</td>
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<tr>
<td>August 26 - 28, 2015 (Wednesday - Friday)</td>
<td>Esthetic and Adhesive Dentistry</td>
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<td>August 28, 2015 (Friday)</td>
<td>Graduation and Reception</td>
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How to Register
Online registration available at www.uscdentalce.org.
For questions in regards to making payment via wire transfer, please email shuli@usc.edu

Registration Fees

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Registration Form

First Name ___________________________ Middle Name ___________________________ Last Name ___________________________
Chinese Name ___________________________ Title ___________________________ Specialty ___________________________
Address ___________________________
City ___________________________ Province ___________________________ Postal Code ___________________________
Country ___________________________ Phone (       ) ___________________________ Fax (       ) ___________________________
E-mail ___________________________

☐ Mastercard  ☐ Visa  ☐ Check
Enclosed ___________________________

Card Number* ___________________________ Expiration Date ___________________________
Total Payment $ ___________________________ Security Code ___________________________

* If you are paying with credit card, please fax the form to 1 (213) 740-3973, Attn: Shu Li

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Dr. Baldwin W. Marchack
Dr. Marchack graduated from the Herman Ostrow School of Dentistry of USC and received his MBA from UCLA. He is a Fellow of the American College of Dentists, International College of Dentists, and the Pierre Fauchard Academy. Dr. Marchack is an Honorary Member of the American College of Prosthodontists and Past President of the American Prosthodontic Society, the Pacific Coast Society for Prosthodontics, and the American Academy of Esthetic Dentistry. He is the Chair of the Editorial Council for the Journal of Prosthetic Dentistry, and serves on the Board of Councilors for the Herman Ostrow School of Dentistry of USC.

Dr. Avishai Sadan
Dr. Sadan is the Dean of Herman Ostrow School of Dentistry of USC. He is the former editor-in-chief of Quintessence International and Quintessence of Dental Technology (QDT), served on the editorial boards of other journals, and has lectured and published nationally and internationally on esthetic and implant dentistry and biomaterials. He received his training in prosthodontics from the Louisiana State University School of Dentistry and has also completed a fellowship in prosthodontics emphasizing esthetic and implant dentistry at LSU. Dr. Sadan is member of several professional organizations including the American College of Prosthodontists, the Academy of Osseointegration, the European Academy of Esthetic Dentistry, the American College of Dentists, and other organizations, he maintains an intramural practice limited to fixed and implant prosthodontics.

Dr. Alexandre-Amir Aalam
Dr. Aalam graduated with a DDS degree from the University of Nice Sophia Antipolis, Nice (France). He subsequently specialized in Advanced Periodontics at USC. Dr. Aalam is a Diplomate of the American Board of Periodontology and a Diplomate of the American Board of Oral Implantology. The French Society and the California Society of Periodontology awarded Dr. Aalam for his contribution to clinical research in the field of implant dentistry. Dr. Aalam is a Clinical Assistant Professor of dentistry at USC. In 2012, Dr. Aalam was appointed as the USC dental school representative on the Board of Governors. He maintains a private practice in Brentwood CA, limited to Periodontics and Reconstructive Implant Dentistry. Dr. Aalam lectures and publishes in the field of dental implants and site development procedures.

Dr. Pascal Magne
Dr. Magne obtained his B.Sc. (Switzerland) and specialized in Prosthodontics and Operative Dentistry (D.M.D., M.Sc.). He received his Ph.D. degree in ’02 and served as Senior Lecturer from ’99 to ’04. Awarded with major grants by the Swiss Science Foundation, the Swiss Foundation for Medical-Biological Grants, and the International Association for Dental Research, he spent two years as a full-time research scholar in Biomaterials and Biomechanics at the Univ. of Minnesota. He became Tenured Associate Professor at USC where he received the endowed Chair of Esthetic Dentistry, the Don and Sybil Harrington Foundation Professor of Esthetic Dentistry. He is the author of the bestseller textbook “Bonded Porcelain Restorations” (Quintessence Publishing, 2002 - translated in 12 languages) as well as clinical and research articles on esthetics and adhesive dentistry and is frequently invited to lecture on these topics.

Dr. Jin-Ho Phark
Dr. Phark graduated and received his doctorate degree from the Humboldt University Dental School in Berlin Germany. Currently, he is an Assistant Professor in the Division of Restorative Sciences at the Herman Ostrow School of Dentistry of USC. Dr. Phark is also the Director of the Dental Biomaterials Research Lab, and serves as associate editor of Quintessence of Dental Technology (QDT). He maintains an intramural practice focused on esthetic dentistry and was recently awarded the IADR Arthur Frechette Award in Prosthodontics.

Dr. Abdi Sameni
Dr. Sameni is a Clinical Associate Professor of Dentistry and a 1991 graduate of the Herman Ostrow School of Dentistry at USC. He has been a member of the USC clinical faculty since 1998. He is a former faculty for the “esthetic selective” which emphasizes a “biomimetic approach” to restorative and esthetic care. He is the chairman and developer of the “USC International Restorative Dentistry Symposium” for the Herman Ostrow School of Dentistry at USC.

Dr. Eddie Sheh
Dr. Sheh is a specialist in Prosthodontics, and Associate Professor of Clinical Dentistry, Division of Restorative Dentistry, at the Herman Ostrow School of Dentistry of USC.

Dr. Ryan Tse
Dr. Tse received his Master Degree in Prosthodontic at University of London and Master of Science Degree in Implant Dentistry by the University of Hong Kong. He is awarded Membership of the Faculty of General Dental Practice of the Royal College of Surgeons of England, and General Dentistry of the College of Dental Surgeons of Hong Kong. Dr. Tse completed one-year Clinician Program in Implant Dentistry at UCLA in 2006 and one-year Clinician Program in Esthetic Dentistry in 2010. He was elected as the Fellowship of World Clinical Laser institute in 2009, and is also the Member of American Implant association and American Academy of Cosmetic Dentistry.