USC 10th International Restorative Dentistry Symposium

Technology Enhanced Restorative Excellence: “New Solutions to Old Problems”

Friday - Saturday, October 27 - 28, 2017
• Millennium Biltmore Hotel Los Angeles
Hands-On Workshop, Sunday, October 29, 2017
• Herman Ostrow School of Dentistry of USC
9:00 am - 5:00 pm

www.uscrestorativedentistrysymposium.org
Dear Friends and Colleagues:

It gives me great pleasure to invite you to the 10th USC International Restorative Dentistry Symposium at the historic and beautiful Millennium Biltmore Hotel in Downtown Los Angeles.

“Technology Enhanced Restorative Excellence: New Solutions to Old Problems” is the theme for this year’s symposium.

Clinical challenges that the practicing dentists face every day rarely change, and patients nowadays expect esthetic restorations to be immediate, affordable, and durable.

With this in mind, the goal of this year’s symposium is to bring you the most forward thinking in restorative dentistry and thus inspire you to elevate the level and quality of patient care. Also, for the first time and by popular demand, we will be introducing a limited-enrollment restorative hands-on workshop with one of our best reviewed presenters from the 2016 symposium, Dr. Dipesh Parmar.

So please take a moment and review this brochure to see what our panel of nationally and internationally renowned experts will discuss.

As always, there will be time allocated for open discussion between course participants and the presenters to complete the learning experience.

I look forward to seeing you at what promises to be one of our best symposia in 10-year history.

Until then respectfully,

Abdi Sameni, DDS
Symposium Chairman

Historic Classical Venue

Millennium Biltmore Hotel Los Angeles

This year the USC International Restorative Dentistry Symposium is hosted at the historic Biltmore Hotel, a premier destination and first-class landmark in the city of Los Angeles. Designed by famed New York architectural firm Schultze and Weaver, the hotel features stunning Spanish-Italian Renaissance interiors, hand-painted ceilings and original details and boasts a rich history that encompasses everything from the legendary Academy Awards of the 1930s to some of the 20th century’s most important political and social events.

Millennium Biltmore Hotel Los Angeles 506 South Grand Avenue, Los Angeles, CA 90071-2607
- 25 minutes from Los Angeles International Airport and minutes away from CA-110, I-10, I-101, and I-5.
- Reservation: 213.612.1575 - Group Code: 1710REST07 / 10th USC Restorative Dentistry Symposium
- Website: www.millenniumhotels.com/millenniumlosangeles
- Book your rooms early! Special guest room rate is available for enrollees for 9th USC International Restorative Dentistry Symposium. Book prior to October 7, 2017 to receive $155 rate for Classic Room (single or double). Or book your room online at: www.millenniumhotels.com/millenniumlosangeles (Group Code 1710REST07)
Dear colleagues:

The 10-year mark of USC’s International Restorative Dentistry Symposium is an important opportunity to reflect and celebrate. The decade reflects a track record of interesting speakers and credible, relevant content. It fills me with great pride this symposium represents some of the finest practitioners in our profession and it’s always a great pleasure to see the topics continue to be timely and engaging making attending a rewarding and valuable experience. With that in mind, who wouldn’t want to join us for another memorable event?!

Sincerely,
Avishai Sadan, DMD, MBA
Dean
G. Donald and Marian James Montgomery Professor of Dentistry
Herman Ostrow School of Dentistry of USC
Speakers

Mark L. Cannon, DDS, MS
Biologic Materials for Pulpal Vitality
Dr. Cannon received his Doctorate of Dental Surgery from the University of Nebraska and then attended Northwestern University for his Masters of Pediatric Dentistry. He completed his residency at Children’s Memorial Hospital and received his Diplomate status by the American Board of Pediatric Dentistry. He is past president of the Illinois Society of Dentistry for Children, a Professor of Otolaryngology, Division of Dentistry at Northwestern University, Feinberg School of Medicine, and member of the International Association of Pediatric Dentistry. In addition to maintaining a large private practice in the suburbs of Chicago, he is the Research Coordinator of the residency program at Ann and Robert Lurie Children’s Hospital, Chicago, Illinois. Dr. Cannon has lectured both nationally and internationally.

Stephen J. Chu, DMD, MS, CDT
Minimally Invasive Implant Dentistry in the Esthetic Zone
Dr. Chu is an Adjunct Clinical Professor in the departments of Periodontology and Implant Dentistry and Prosthodontics at New York University College of Dentistry. He also maintains a private practice in fixed prosthodontics, esthetic, and implant dentistry in New York City. Dr. Chu has published over 50 peer-reviewed articles and has given lectures nationally and internationally on the subjects of esthetic, restorative, and implant dentistry and is on the editorial review board of several peer-reviewed dental journals. He is the recipient of the Peter Scharer distinguished lecturer award from the European Academy of Esthetic Dentistry and the E. B. Clark and Lloyd L. Miller awards from the Society of Color and Appearance in Dentistry.

Dan Grauer, DDS, MS, MOrth, PhD
Much More Than Straight Teeth
Dr. Grauer maintains a private practice limited to orthodontics for teens and adults in Santa Monica, California. He specializes in computer-guided orthodontics where invisible customized appliances are fabricated based on the face, occlusion, and smile. He is Professor of Advanced Orthodontics at the University of Southern California, Examiner for the American Board of Orthodontics, Associate Editor for the American Journal of Orthodontics, and member of the American Association of Orthodontists Committee on Technology.

Mark Handelsman, DDS
Dental Root Resorption: Diagnosis, Classification and Treatment Options
Dr. Handelsman received his DDS in 1987 from the University of Southern California Dental School. He continued his studies at USC, and obtained his Certificate in Advanced Periodontics in 1989. He is a Diplomate of the American Board of Periodontology since 1994. He was a Clinical Assistant Professor at USC for 15 years, teaching Periodontics and Dental Implants, as well as practicing in the faculty practice. He has been in full time private practice in Santa Monica, California for the last 14 years. He has been involved in clinical research and published many articles. The topics include perio-restorative interface, guided tissue regeneration, guided bone regeneration, esthetic soft tissue grafting and surgical techniques for site development and implant placement. He has lectured nationally and internationally.

Parag R. Kachalia, DDS
The Power of Technology…Leveraging Technology in Today’s Restorative Practice
Dr. Kachalia is a Tenured Associate Professor at the University of Pacific’s Dugoni School of Dentistry. Most recently Dr. Kachalia was selected as one of the Top 10 Young Educators in Dentistry in the United States. He is a fellow of the International College of Dentists and the American College of Dentists. He has lectured internationally in the areas of dental technology, adhesive dentistry, cosmetic dentistry, photography, fixed prosthodontics and dental materials. Dr. Kachalia acts as a consultant for many dental companies and helps guide product development. He is also a member of Seattle Study Club and Catapult Education Speaker’s bureau and he maintains a private practice in San Ramon, CA with his wife Dr. Charity Duncan.

Tae Kim, DDS
Total Digital Workflow For Fully Edentulous Patients: CAD-CAM denture to New ‘Dentca-4®
Dr. Kim is Chairman of Removable Prosthodontics in the Division of Restorative Science, Herman Ostrow School of Dentistry, University of Southern California, Los Angeles, California. He is a respected prosthodontist, educator, and biomaterials researcher. He completed postgraduate training in Prosthodontics at Herman Ostrow School of Dentistry at USC, and obtained his Doctorate of Dental Science from the Seoul National University, South Korea. Dr. Kim is a recipient of multiple grants and awards in removable prostheses, and implant research. Dr. Kim has authored Educational Video series in Removable prosthetics at Herman Ostrow School of Dentistry of USC, and Prosthodontics Review Book. He is also the author of numerous clinical and research articles in CAD CAM denture, digital implant overdenture and digital implant dentistry, and is an internationally known lecturer on these topics.
Pascal Magne, Dr. med. dent., PhD [Keynote Speaker]

Topic 1: Foundational Elements of the Biomimetic Approach in Restorative Dentistry
Topic 2: The Significance of Adhesive Dentistry

Dr. Magne obtained his B.Sc. (Switzerland) and specialized in prosthodontics and operative dentistry (DMD, MSc.). He received his PhD 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 University 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.

Darin O’Bryan, DDS

Digital Solutions to Common Implant Problems

Dr. O’Bryan graduated in 1997 from the University of Minnesota School of Dentistry. He practiced in Minneapolis for 7 years in a large group practice before moving to the coast of Oregon. Dr. O’Bryan currently resides in Coos Bay/North Bend, a small coastal town, where he has a private practice focusing on implant, esthetics and digital dentistry. Dr. O’Bryan is faculty at Spear Education. He is also a trainer for Patterson, a Beta tester for Sirona, a key opinion leader for Sirona and works with numerous manufactures in product evaluation and development. Dr. O’Bryan speaks both nationally and internationally on CAD/CAM, Cone Beam and the integration of CEREC and Cone Beam CT. He is an internationally published author on digital and CAD/CAM dentistry.

Dipesh Parmar, BDS, MJDF

Excellence in Direct Anterior Restorations: RENAMEL (Limited Hands-On Workshop)

Dr. Parmar graduated from the University of Birmingham (United Kingdom) obtaining numerous prizes and now works at Acorn Dental with a focus on aesthetic minimally-invasive dentistry. He has held a clinical lecturer teaching post at Birmingham Dental School and has won multiple awards at the United Kingdom Aesthetic Dentistry Awards. He lectures globally (United Kingdom, Poland, Middle East, New Zealand, Toronto, Las Vegas, Los Angeles) on aesthetic resin techniques for the general practitioner.

Leandro Pereira, DDS

The Laminar Techniques According to Bio-Emulation™; Histo-Anatomic Layering Modalities for the Direct Restoration.

Dr. Pereira received his DDS from the Brazilian Federal University of Maranhão School of Dentistry in 2009, subsequently completing his post graduate specialty degree in Prosthodontics in 2013 and Implant Dentistry in 2015. Dr. Pereira is in a full time private practice in São Luís, with particular clinical emphasis in the adhesive rehabilitation techniques and implant based restorative dentistry. Concurrently he is involved in the postgraduate dental teaching at the specialization course of prosthetics with the syndicate of dental surgeons in partnership with Faculdade Sete Lagos. He is a member of the Bio-Emulation™ Group since 2011.

Robert Relle, DDS

Much More Than Straight Teeth

Dr. Relle received his DDS from Indiana University School of Dentistry, and specialty training in oral and maxillofacial surgery from Harbor-UCLA Medical Center. He was a full-time staff surgeon at Kaiser Hospital, Los Angeles Medical Center before entering into private practice in Century City, where his practice is limited to orthognathic surgery. He was an examiner for the American Board of Oral and Maxillofacial Surgery. Dr. Relle is currently a lecturer at UCLA School of Dentistry, and co-chairs the Dentofacial Conference in the graduate orthodontic program at USC. He has published and lectured nationally on various topics in the field of orthognathic surgery.

All speakers must disclose to the audience any proprietary, financial or other personal interest of any nature or kind, in any product, service, source and/or company, or in any firm beneficially associated therewith that will be discussed or considered during their presentation. The Herman Ostrow School of Dentistry of USC does not view the existence of these interests or uses as implying bias or decreasing the value to participants. The Herman Ostrow School of Dentistry of USC, along with ADA CERP, feels that this disclosure is important for the participants to form their own judgment about each presentation.
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<tr>
<th>Time</th>
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<th>Speaker</th>
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<tr>
<td>8:15 a.m. - 8:50 a.m.</td>
<td>Registration &amp; Breakfast</td>
<td>Abdi Sameni &amp; Avishai Sadan</td>
<td>Opening Remarks</td>
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<td>8:50 a.m. - 9:00 a.m.</td>
<td>Abdi Sameni &amp; Avishai Sadan</td>
<td>Pascal Magne [Keynote]</td>
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<td>10:20 a.m. - 10:40 a.m.</td>
<td>Break &amp; Exhibits</td>
<td>Stephen Chu</td>
<td>Minimally Invasive Implant Dentistry in the Esthetic Zone</td>
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<td>10:40 a.m. - 11:50 a.m.</td>
<td>Stephen Chu</td>
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<td>12:00 p.m. - 1:00 p.m.</td>
<td>Lunch Break &amp; Exhibits</td>
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<td>1:00 p.m. - 2:20 p.m.</td>
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<td>2:20 p.m. - 2:30 p.m.</td>
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<td>2:30 p.m. - 3:40 p.m.</td>
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<td>4:00 p.m. - 4:50 p.m.</td>
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| 9:00 a.m. - 10:30 a.m. (Lecture) | Leandro Pereira | **The Laminar Techniques According to Bio-Emulation™: Histo-Anatomic Layering Modalities for the Direct Restoration**  
  - Get to know the reasoning behind the Bio-Emulation™ layering techniques  
  - Learn how to apply the histo-anatomic model to pre-visualize and select the ideal technique according to the clinical case  
  - Envision layering, finishing, contouring and morphological detailing protocols to achieve lifelike optics and form every time  
  - Learn 360° in depth polishing techniques to achieve longevity of gloss and luster |
| 10:30 a.m. - 10:40 a.m. (Discussion) |                        |                                                                               |
| 10:40 a.m. - 11:00 a.m. | **Break & Exhibits**             |                                                                               |
| 11:00 a.m. - 12:00 p.m. (Lecture) | Mark Handelsman | **Dental Root Resorption: Diagnosis, Classification and Treatment Options**  
  - Identify radiographically and clinically the extent of damage caused by root resorption  
  - Decide prognosis after discussion of non-surgical and surgical treatment options with team members  
  - Understand best restorative materials for repair of the damaged tooth and ideal sequence of extraction, surgical implant placement and restoration |
| 12:00 p.m. - 12:10 p.m. (Discussion) |                        |                                                                               |
| 12:10 p.m. - 1:30 p.m. | **Lunch Break & Exhibits**       |                                                                               |
| 1:30 p.m. - 2:30 p.m. (Lecture) | Darin O'Bryan | **Digital Solutions to Common Implant Problems**  
  - How restorative driven digital treatment planning of implants aids in proper placement.  
  - Learn what information can be obtained with a CBCT and CAD/CAM data merger and how this affects implant planning and restoration  
  - Find out how and when to fabricate an implant temporary with CAD/CAM  
  - Learn how the digital world has made restoring implants more predictable, cost effective and with better outcomes. |
| 2:30 p.m. - 2:40 p.m. (Discussion) |                        |                                                                               |
| 2:40 p.m. - 3:40 p.m. (Lecture) | Dan Grauer & Robert Relle | **Much More Than Straight Teeth**  
  - To expand the possibilities of treatment with orthodontics combined with orthognathic surgery  
  - To understand perception of faces and head position  
  - To use technology in developing goal-driven treatments |
| 3:40 p.m. - 3:50 p.m. (Discussion) |                        |                                                                               |
| 3:50 p.m. - 4:00 p.m. | **Break & Exhibits**             |                                                                               |
| 4:00 p.m. - 4:50 p.m. (Lecture) | Tae Kim | **Total Digital Workflow For Fully Edentulous Patients: CAD-CAM denture to New ‘Dentca-4®’**  
  - Understand 3D printing processing  
  - Learn accurate production of CAD CAM Implant OverDenture  
  - Learn new Dentca-4®, Fixed Implant solution |
| 4:50 p.m. - 5:00 p.m. (Discussion) |                        |                                                                               |
| 5:00 p.m. | Abdi Sameni | **Closing Remarks** |

*Saturday, October 28, 2017*
Hands-On Workshop - Sunday, Oct. 29, 2017

Excellence in Direct Anterior Restorations: RENAMEL (Limited Hands-On Workshop)
Today’s composite resin materials have the ability to achieve many restorative objectives, which in the past could only be attainable with ceramics. Direct resin bonding is a minimally invasive way of providing beautiful restorations as such techniques enable chair-side control of colour and morphology. The aim of this session is to demonstrate how to reproduce natural anterior dental aesthetics with a man-made material. The approach is a simple step-by-step protocol providing delegates with a real world direct resin alternative for producing outstanding results achievable within a general practice setting.

Topics to be Covered:
• Case assessment and treatment planning for direct anterior restorations
• Analysis of dental optical properties for reproduction
• Material science and selection to emulate enamel translucency and dentine opacity
• Simplified and systematic shade selection protocol
• Mastering anterior isolation techniques
• Marginal preparations and substrate treatment
• Accurate and rapid reproduction of lingual contour and incisal edge form using a silicone index
• Basic and advanced resin layering techniques
• Recreation of mamelons, craze lines, internal characterisations and incisal halos
• When, where and why to use opaquers
• How to create tight contacts and anatomical emergence profiles
• And more!

Excellence in Direct Anterior Restorations: RENAMEL
Limited Hands-On Workshop
Sunday, October 29, 2017
Herman Ostrow School of Dentistry of USC
9:00am - 5:00pm
7 Continuing Education Hours
Registration Fees:
Before October 1, 2017
Symposium Registrant: $795
Non-Symposium Registrant: $895
After October 1, 2017
Symposium Registrant: $895
Non-Symposium Registrant: $995

Dipesh Parmar, BDS, MJDF
“Dr. Sameni, you did it again! Excellent speakers and presentation subject!”
- Dr. Sorin Muntean, General Dentist. Thousand Oaks, CA

“All who organized this symposium should rightfully be very proud.”
- Dr. Sherwin N. Davidson, General Dentist. Los Angeles, CA

“Really liked the speakers. They were very prepared and got to the point.”
- Dr. Gerard Schmidtke, General Dentistry. Oro Valley, AZ

“Absolutely excellent! I learned so much!”
- Anonymous

“This symposium has provided the opportunity to gain insight from different facets of dentistry and that’s really helped me to reinvent the way I practice.”
- Dr. Lawrence Fung, General Dentistry. Covina, CA.

“I would recommend this symposium to my colleagues. In fact I told some different people I was coming to this and I am going to go back home and let them know how much I liked it.”
- Dr. Steven D. Gustafson, General Dentist. Royal Oak, MI

• For the complete photo gallery and testimonials, visit www.uscrestorativedentistrysymposium.org •
USC 10th International Restorative Dentistry Symposium
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14 Hours of Continuing Education • Millennium Biltmore Hotel Los Angeles
Hands-On Workshop: Sunday, October 29, 2017
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506 South Grand Avenue, Los Angeles, CA 90071-2607
Reservations: 213.612.1575
Group Code: 1710REST07 / USC Restorative Dentistry Symposium
Website: www.millenniumhotels.com/millenniumlosangeles

Symposium Tuition (Millennium Biltmore, Los Angeles)

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<th>Auxiliary</th>
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<td>$495</td>
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<td>After October 1, 2017</td>
<td>$585</td>
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Hands-On Workshop Tuition (Herman Ostrow School of Dentistry of USC)

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Title: __________________________ Specialty: __________________________
Address: __________________________
City: __________________________ State: __________________________ Zip: __________________________
Business Phone: __________________________ Additional Phone (Optional): __________________________
Email: __________________________ Fax: __________________________

☐ Check Enclosed (Payable to Herman Ostrow School of Dentistry of USC)
☐ Visa ☐ MasterCard Card Number: __________________________
Expiration Date: __________________________ Signature: __________________________
Total: __________________________ Additional Enrollees: __________________________

Fees include course material, continental breakfast, and refreshments during breaks.

University of Southern California Herman Ostrow School of Dentistry is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

Refunds are granted only if a written cancellation notification is received at least 21 days before the course. 50% of the tuition minus processing fee will be refunded if cancellation occurs within 14 days before this course. No refund is granted afterwards. A $75 fee is withheld for processing. For additional registrations, xerox this form and send.
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