Pacific Coast Society for Prosthodontics

82nd Annual Meeting

The Coeur d'Alene Resort
June 28th – July 1, 2017

President's Message

It has been a great honor to serve as president of the Pacific Coast Society for Prosthodontics for this past year. I am excited to welcome everyone to the beautiful lakeside city of Coeur d'Alene and the luxurious Coeur d'Alene Resort for our 82nd Annual Meeting and Scientific Session. This is the first time the Society has been to Coeur d'Alene and I hope that you take the time to get out and see some of what the area has to offer.

Scientific Program Co-Chairs Chandur Wadhwani and Amerian Sones have been working hard the past three years to put together a world class group of speakers to present the latest information and research related to our theme, "Prosthodontics: Artistry Driven by Science."

The other aspect of our Annual Meeting is creating opportunities to socialize and network with friends and colleagues from both within our West Coast geographic region and from around the world. We have planned several evening and afternoon events to promote comradery and to showcase the regional beauty of this Northwest jewel. I hope you can join us for some fun and relaxation.

Please take time to browse the many items that have been donated to our Silent Auction. The bidding takes place via a smart phone app so you can keep track of items you are interested in throughout the meeting and not lose out.

Thanks again for coming and I hope you enjoy the meeting.

Rodger A. Lawton, DMD

Future Meetings

Omni La Costa Resort and Spa

Carlsbad, California

June 27 – June 30, 2018

Silverado Resort and Spa

Napa, California

June 19 – June 22, 2019

Meeting Activities

Tuesday, June 27, 2017

6:00 pm-7:00 pm **Executive Council Reception**
Hagadone Suite

7:00 pm–10:00 pm **Executive Council Dinner**
Beverly's: Boardroom 5-ABC
(Sponsored by Schottlander)

Wednesday, June 28, 2017

8:00 am–9:00 am **Executive Council Breakfast**
Boardroom 6

10:00 am–4:00 pm **Golf Tournament**
Coeur d'Alene Golf Course
(Sponsored by Kulzer)

9:00 am–4:00 pm **Executive Council Meeting**
Boardroom 6

12:30 pm–1:30 pm **Executive Council Lunch**
Boardroom 6

1:00 pm–7:00 pm **Registration**
CC Registration

6:00 pm–7:30 pm **Welcome Reception**
Lakeview Terrace
(Sponsored by Preat Corporation)

Thursday, June 29, 2017

7:15 am–2:00 pm **Registration**
CC Registration

7:00 am–7:50 am **Breakfast**
Bay 1 – 2
(Sponsored by Whipmix)

7:00 am –2:00 pm **Exhibits: *Bay 1 - 2***

10:15am – 11:00am **Break: *Bay 1 – 2***
(Sponsored by Vitalab)

8:00 am –1:00 pm **Scientific Session**
Bay 3 - 4

8:00 am–10:00 am **Spouse/Breakfast & Hospitality**
Beverly's

1:00 pm –1:30 pm **Open Meeting of the Bylaws & Policy Committee**
Bay 3 - 4

1:30 pm–1:45 pm **Associate Member's Meeting**
Bay 3 - 4

2:30 pm–3:30 pm **Wine Tasting**
Beverly's
(Sponsored by Cagenix)

3:30 pm–4:30 pm **Wine Tasting**
Beverly's
(Sponsored by Panthera Dental)

5:45 pm–9:30 pm **An Evening at Settlers Creek**
Depart Lobby
(Sponsored by Nobel Biocare)

Friday, June 30, 2017

7:15 am–2:00 pm **Registration**
CC Registration

7:00 am–7:50 am **Breakfast**
Bay 1 – 2
(Sponsored by Tokuyama)

7:00 am–7:50 am **New Associate's Breakfast**
North Cape

7:00 am–2:00 pm **Exhibits: *Bay 1 – 2***

8:00 am–1:00 pm **Scientific Session**
Bay 3 - 4

8:00 am–10:00 am **Spouse Breakfast & Hospitality**
Beverly's

10:15 am–4:30 pm **Silverwood Amusement Park**
Depart Lobby

10:30 am–11:15am **Break: *Bay 1 – 2***
(Sponsored by Glidewell Laboratories)

1:30 pm–4:00 pm **Annual Business Meeting & Luncheon**
Kidd Island/North Cape
(Sponsored by Brasseler)

2:30 pm–3:30 pm **Wine Tasting**
Beverly's
(Sponsored by Smileloc)

3:30 pm–4:30 pm **Wine Tasting**
Beverly's

(Sponsored by Solvay Dental)

5:00 pm–7:00 pm **President's Reception Boat Cruise**
Mish-an-Nock
(Sponsored by Straumann)

Saturday, July 1, 2017

7:15 am–2:00 pm **Registration**
CC Registration

7:00 am–7:55 am **Breakfast**
Bay 1 – 2
(Sponsored by Kavo/iCAT)

7:00 am–11:00 am **Exhibits:** *Bay 1 - 2*

8:00 am–1:25 pm **Scientific Session**
Bay 3-4

8:00 am–10:00 am **Spouse Breakfast & Hospitality**
Beverly's

9:30 am–12:30 pm **Cooking Class**
The Culinary Stone
(Sponsored by H&H)
(Tour departs from Lobby)

10:20 am–11:00 am **Break:** *Bay 1 – 2*
(Sponsored by GC America)

2:30 pm–3:30 pm **Wine Tasting**
Beverly's
(Sponsored by BioHorizons)

6:00 pm–7:00 pm **President's Installation Reception**
Lakeside Terrace
(Sponsored by Zest Dental Solutions)

7:00 pm–10:00 pm **President's Installation & Dinner/Dance**
Bay 5 - 6
(Sponsored by Dentsply Sirona Implants}

2017 Scientific Program

Prosthodontics: Artistry Driven by Science

Thursday, June 29

Moderator: **Dr. Charles Goodacre**

8:00-–8:15 **Opening remarks**

8:15–9:45 **Drs. Frank Spear and David Mathews**

Enhancing Esthetic Outcomes by Integrating a Minimally Invasive Approach to Complex Dental Problems

9:45–10:15 **Dr. Edward P. Allen:**

Improving Esthetics with Soft Tissue Grafting: The Science Behind the Surgery

10:15–11:00 **Break**

11:00–11:30 **Dr. Todd Schoenbaum:**

Abutment Design: The Science Behind the Art

11:30–11:50 **Dr. Chan Park**

Implant Dentistry: Pitfalls and Precautions

11:50–12:05 **Gulick Award**

12:05–1:00 **Graduate Student Research Competition**

Dr. Catherine Gagino; Dr. Jeff Oyama; Dr. Valentin-Pierluissi; Dr. Sarah Bukhari

Friday, June 30

Moderator: **Dr. Chandur Wadhwani**

8:00-8:05 **Opening remarks**

8:05-9:00 **Dr. Tomas Linkevicius**

Implants: The Science Behind Our Restorative Choices

9:00-9:40 **Dr. Tom Wilson**

The Etiology and Therapy for Peri-Implant Diseases

9:40-10:10 **Dr. Edmond Bedrossian**

Surgical and Biomechanical Principles When Using the Zygoma Implants: Algorithms for Success

10:10–10:30 **Ms. Ruth Bourke**

Cast Gold To Digitally Milled: A 15-Year Clinical Review of the MK1 Bar Design

10:30–11:15 **Break**

Moderator: **Dr. Alex Kang**

11:15–11:40 **Dr. Lambert Stumpel**

Digital Vs. Analog Guided Surgery: Separating the Hype from Reality

11:40–12:00 **Dr. Jefferson Clark**

Effect of Image Sharpening Upon Radiographic Image Quality

12:00–12:25 **Dr. Mathew Kattadiyil**

Computer Engineered vs. Conventional Complete Dentures: An Analysis

12:25–12:55 **Mr. Steve Hurson**

Dental Implant Biomechanics

12:55–1:00 **Dr. Steven Sadowsky**

Graduate Student Competition Awards

Saturday, July 1

Moderator: **Dr. Scott Dyer**

8:00–8:05 **Opening remarks**

8:05–8:30 **Dr. Jeffrey Ceyhan**

Botox in Dentistry

8:30–9:10 **Dr. Thomas Taylor**

Occlusion and Dental Implants: What Gives?

9:10–9:30 **Dr. Osamu Komiyama**

Overload of Dental Implants; Parafunctional Effects and the Central Nervous System

9:30–10:00 **Dr. Jim Janakievski**

Autotransplantation of Premolars to Replace Traumatized Maxillary Incisors in the Growing Patient

10:00–10:20 **Dr. Ulf Temnitzer**

Is the Link Between Occlusal Wear and Non-Carious Cervical Lesions a Myth or Reality?

10:20–11:00 **Break**

Moderator: **Dr. Amerian Sones**

11:00–11:30 **Dr. Amirali Zandinejad**

Restorative Material Selection for Implants in the Esthetic Zone

11:30–11:50 Dr. Stuart Taylor

Attrition and Subtraction: The Future of Imaging in Dentistry

11:50–12:20 Dr. Van Ramos

Developing the Ovate Pontic, because We Still Do Fixed Prosthodontics

12:20–1:10 Dr. Clark Stanford

Concepts of Health, Oral Health and the Value Proposition for Tooth Replacement Therapies

1:10–1:15 Closing remarks

1:15–1:25 2018 Annual Meeting Preview

Abstracts and Biographies

Thursday, June 30, 2016

Frank Spear, DDS, MSD and David Mathews, DDS

Enhancing Esthetic Outcomes by Integrating a Minimally Invasive Approach to Complex Dental Problems

Over the last 25 years, the ability to provide esthetically excellent and predictable restorations has improved due to advancements in adhesive dentistry and all ceramic materials. However, the challenges of producing a beautiful final result are still burdened by the necessity of managing gingival margin and papilla levels, which are highly dependent upon bone levels. This challenge is made more difficult when anterior teeth are removed. This often results in what, at best, may be considered an acceptable compromise. An obvious solution to this challenge is to **not remove the teeth**, but use them to maintain bone and esthetic gingival levels.

This presentation will focus on several commonly encountered problems that typically result in the removal of teeth. Clinicians need to ask the question, "**Is removal really necessary?**" We will address the following problems: root resorptions, horizontal crown/root fractures, ankylosis, implant complications, and periodontal disease. Long-term cases will be presented as well as the literature to support the treatment options discussed. In the end, we hope the audience comes to a better realization that many of our patients with these problems can have their treatment managed over several decades by **saving teeth**, instead of attempting to "cure" the problem with tooth removal, which creates an entirely new set of problems to manage over the lifetime of the patient.

Learning objectives:

The concept of management vs. cure
How to systematically address the prognosis of tooth removal and replacement prior to performing it.
How staging treatment over several decades may be preferential to acting now.
When action must be taken, how the concept of, "**what is next**", may help in the decision process of how to act.

Dr. Mathews received his undergraduate and dental education at UCLA (1969), and certificate in Periodontics from the University of Washington (1974). He was in full time practice in Tacoma, Washington from 1974 until recent retirement in 2015. He is an Affiliate Professor in the Graduate Periodontics Dept. at the University of Washington.

He writes and lectures on implants in the esthetic zone, perio/ortho treatment, and interdisciplinary dentistry.

His hobby is baseball; his team has won the National Hardball World Series 8 of the last 10 years. He was recently inducted into the Roy Hobbs Hardball Hall of Fame.

As the founder and director of Spear Education, Dr. Spear continues to be recognized as one of the premier educators in esthetic and restorative dentistry in the world today. Dr. Spear earned his dental degree from the University of Washington in 1979, and an MSD in periodontal prosthodontics in 1982, also from the University of Washington. Dr. Spear is an Affiliate Professor in the graduate prosthodontics program at the University of Washington.

He and long time practice partner Dr. Greggory Kinzer maintain a private practice in Seattle limited to esthetics and fixed prosthodontics. Visit www.kinzerspear.com for practice information.

In addition to his faculty and practice responsibilities, Dr. Spear maintains a busy lecture schedule, presenting dental continuing education in North America, Europe and Asia. He has been recognized by numerous associations for his contributions to dentistry. In 1993, he was awarded the Christensen Award for Excellence in Restorative Education from the Chicago Dental Society. In 1995, the American Academy of

Cosmetic Dentistry presented him with a special award for having advanced the Art and Science of cosmetic dentistry in the United States. In 1996, he became the third recipient, after Dr. Morton Amsterdam and Dr. Walter Cohen, to receive the Saul Schluger Memorial Award for Excellence in Diagnosis and Treatment Planning from the Seattle Study Club. He and colleague Vincent G. Kokich were awarded the first ever the Presidents Award for excellence in education from the American Academy of Esthetic Dentistry. He also earned the 2004 Distinguished Alumnus Award from Pacific Lutheran University his undergraduate Alma Mater. And in 2013 was named Distinguished Alumnus for the University of Washington School of Dentistry.

Dr. Spear's memberships include the American Academy of Esthetic Dentistry, the American Academy of Restorative Dentistry, the American College of Prosthodontists, the Pierre Fauchard Academy and the International College of Dentists. Dr. Spear is a former President of the American Academy of Esthetic Dentistry.

Edward P. Allen, DDS, PhD

Improving Esthetics with Soft Tissue Grafting: The Science behind the Surgery

Root coverage grafting has progressed from use of palatal donor tissue to use of allografts. Recipient site preparation has improved from open sites requiring surface incisions to pouch and tunnel preparations with no surface incisions. These advances have produced results demonstrated in controlled trials to be equivalent to the more invasive alternative procedures while enhancing esthetics as well as the patient's experience during and after surgery. Application of current proven minimally invasive grafting techniques in interdisciplinary cases will be shown.

Dr. Allen has served as President of the American Academy of Esthetic Dentistry, the American Academy of Restorative Dentistry and the American Academy of Periodontology Foundation. He is the recipient of the Master Clinician Award from the American Academy of Periodontology, the President's Award for Excellence in Dental Education from the American Academy of Esthetic Dentistry, and the Saul Schluger Award for Excellence in Diagnosis and Treatment Planning. Currently, he is the Periodontal Section Editor for the *Journal of Esthetic and Restorative Dentistry* and serves on the Editorial Boards of *the Journal of Periodontology* and Advanced Dental Education in Dallas, an educational facility where he teaches surgical technique courses. He has over 100 publications and has presented numerous lectures and surgical demonstrations worldwide.

Todd Schoenbaum, DDS

Abutment Design: The Science behind the Art

Successful restoration of the single implant in the aesthetic zone is largely dependent on the accumulation of marginal gains. Small, but predictable increases in peri-implant bone levels, soft-tissue health, and strength of the abutment will increase overall success rates for challenging scenarios. This program will discuss the current best available evidence and clinical protocols for the challenging single tooth implant. Special emphasis will be placed on emergence profiles, Zirconia vs. Zirconia/Titanium abutments, gingival aesthetics, margin placement, Plasma Argon cleaning, Titanium anodizing, and biocompatibility of abutment materials.

Learning objectives

Understand the effects of emergence contours on the peri-implant tissues in the aesthetic zone
Review the current evidence on the use of Zirconia abutments
Review emerging developments in abutment cleaning protocols and the potential effects on the peri-implant tissues

Dr. Schoenbaum is a full time Associate Clinical Professor at UCLA, the Director of UCLA Continuing Dental Education, director of the UCLA Implant Journal club, and instructs residents and students in the UCLA Implant Center.

He is the recipient of the scientific writing award from the JPD and has published over 40 papers in *The Journal of Prosthetic Dentistry, CIDRR, Journal of Esthetic and Restorative Dentistry, Compendium, Journal of the California Dental Association*, and others. He maintains a private practice with Dr. Peter Moy with an emphasis on implant prosthetics.

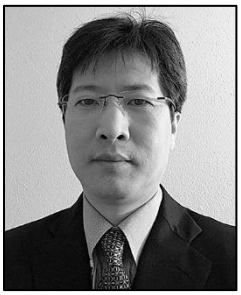
Dr. Chan Park, DDS, MSD

Implant Dentistry: Pitfalls and Precautions

Implant dentistry is not always simple and straight forward. As a dental practitioner, we have to deal with complications, failures, challenges and mistakes related to implant dentistry. Dr. Park would like to share some case examples. His presentation is composed of restorative and surgical aspects of them. The presentation will also cover precautions and preventions of troublesome situations.

Learning objectives

Understand the issues related to zirconia abutments
To share problems and solutions related to implant parts failures, complications, design flaws
To learn the issues with guided implant surgery and the accuracy of it



Dr. Park graduated from Seoul National University, School of Dentistry in 1998 and obtained his DDS degree. He pursued his surgical training for three years in periodontics at the same university. After serving as an Army dentist for three years, he came to Seattle, WA for the second specialty training in his career. He obtained his prosthodontic specialty certification and Master of Dental Science degree from the University of Washington. He taught at the University of Texas at Houston as an assistant professor. He has been working as a private practitioner in Seattle since 2011.

Graduate Student Research Competition

Catherine Cagino, DDS

Cross-Arch Dimensional Accuracy of Partial Removable Denture Frameworks Fabricated by Rapid Prototyping

This investigation addresses the cross-arch accuracy of partial removable denture frameworks fabricated using rapid prototyping technology. The purpose of this study was to evaluate the cross-arch dimensional accuracy of partial removable denture frameworks fabricated using rapid prototyping technology. A master cast was fabricated with molars and premolars characterized with positive rest seats. The cast was digitized with 3Shape lab scanner D900L and 3Shape Dental System Removable Partials CAD software (3Shape North America) was used to design a framework containing only positive rests and connectors. The framework design was sent to a commercial lab via 3Shape Communicate. Fifteen printed patterns and 15 frameworks cast with vanadium were returned to our clinic for evaluation. A statistical analysis followed.

After completing her DDS at the University at Buffalo School of Dental Medicine in 2013, Dr. Cagino entered the Advanced Education in Prosthodontics Program at Buffalo. She completed her Masters of Oral Sciences in 2015 and Prosthodontics Certificate in 2016. Dr. Cagino is currently a resident in Maxillofacial Prosthetics at the University of California, Los Angeles.

Jeff Oyama, DDS

The Use of Virtual Surgical Planning in the Concurrent Placement of Osseointegrated Implants in Mandibular Fibular Free Flap Reconstructions

The introduction of Virtual Surgical Planning (VSP) and stereolithographic modeling has been used increasingly in mandibular reconstructive surgery with improved results. Current surgical guides have a degree of inaccuracy that can result in sub-optimal implant positions in relation to the eventual reconstruction. This case series describes a technique that further improves the alignment of the fibular segments and dental implants. A digital workflow is used to produce both osteotomy and implant guides. A PMMA prototype is then fabricated and is used both as a stent to orient the mandible to the maxilla, and an implant index to verify and improve the positions of the implant fixtures.

Dr. Oyama earned his bachelor's degree in biochemistry from the University of California, San Diego and his DDS degree from the UCLA School of Dentistry. After completing a one year General Practice Residency at the Rancho Los Amigos National Rehabilitation Center, he continued his education in the Advanced Prosthodontics residency program at UCLA. He is currently a fellow in the Maxillofacial Prosthetics program at UCLA and has pursued research interests through the Weintraub Center for Reconstructive Biotechnology.

Sasha D. Valentin-Pierluissi, DMD

A Protocol for Early Maxillofacial Rehabilitation of Patient with Total Palatectomy Defect Using Zygomatic Implants

Prosthetic rehabilitation of total maxillectomy defects represents one of the most challenging tasks in terms of achieving close to normal function and esthetics. In these cases, removable obturators are limited in their capacity to provide sufficient retention, stability and support because of the extensive loss of anatomic structures. As a result, the maxillofacial patient suffers significant difficulties to perform vital oral functions such as speech, swallowing and mastication. In addition, the midfacial complex is unsupported and esthetically compromised. Inability to function and look normally leads to a decreased psychological well-being. A successful prosthetic rehabilitation can be achieved by the incorporation of zygomatic implants. A virtual preoperative planning approach for zygomatic implant placement and immediate or early rehabilitation can be considered a good choice for achieving safe and predictable outcomes.

Dr. Valentin-Pierluissi obtained her Bachelor Degree of Sciences in Biology at the Pontifical Catholic University of Puerto Rico. She received her DMD dental degree from the University of Puerto Rico, School of Dental Medicine in San Juan. She moved to New York to complete a two-year General Practice Residency Program at Montefiore Hospital in the Bronx. She then moved to San Francisco and completed the Prosthodontic Program at the University of California San Francisco (UCSF), School of Dentistry. She is currently enrolled as a Maxillofacial Fellow at the University of California Los Angeles (UCLA), School of Dentistry.

Sarah Bukhari, BDS

An in Vitro Investigation Comparing Two Different Methods to Minimize Excess Luting Agent for Cement-Retained Implant Restorations

Many techniques have been proposed in the literature to reduce the amount of excess cement around cement-retained implant restorations. Few studies have evaluated the effectiveness of any specific technique. The purpose of the study *is* to evaluate the effectiveness of the polytetrafluoroethylene (PTFE) bib technique in reducing the amount of residual excess cement around the abutments of Zirconia cement retained implant fixed partial denture using a temporary cement (Tempbond) with 2 different cement application methods.

Dr. Bukhari is a third-year graduate student in the advanced specialty education program in prosthodontics at Loma Linda University School of dentistry. Dr. Bukhari did a one-year internship at University of Florida Prosthodontic program. Dr. Bukhari works at King Abdulaziz Hospital and Oncology center, Jeddah, Saudi Arabia. Dr. Bukhari graduated from King Abdulaziz University in 2009.

Friday, June 30

Tomas Linkevičius, Prof, PhD

Subgingival and Supragingival Prosthetic Materials for Implant Reconstructions

There are many materials on the market, which clinicians can select for implant restorations. It is logical that they can be divided into 2 large groups: subgingival and supragingival, because different characteristics of the materials are important below or above the peri-implant mucosal margin. Zirconia is known for its biocompatibility, however its occlusal and aesthetic properties are not the most advanced. On other hand, layering or lithium disilicate ceramics are more aesthetic, however not considered as the best choice for peri-implant tissues. It is obvious, that a certain balance should be established, that the clinician could have the best biological, functional and aesthetic properties in one restoration.

Learning objectives

Which materials are the best option for peri-implant tissues and are optimal for functional load
To combine the balance of biological and functional needs in screw- and cement retained restorations on implants
To understand the role of conventional Ti bases in peri-implant soft tissue contact with transmucosal prosthetic components

Dr. Linkevičius is an Associate Professor at the Institute of Odontology, Vilnius University in Lithuania. Also he serves as a Visiting Professor at Ghent University in Belgium. He received his dental degree from Kaunas Medical University in 2000. In 2004, he completed the post-graduate studies in prosthodontics at Vilnius University. In 2009, he finished his PhD doctoral dissertation and defended it at Riga Stradins University in Latvia. Tomas Linkevicius is an author of many publications in international peer-reviewed journals and focuses his research on soft tissues and cementation of implant restorations. He also lectures internationally and is an active member of the European Academy of Osseointegration (EAO) and the Academy of Osseointegration (AO). Tomas Linkevicius has a specialty prosthodontics and implant dentistry practice and a private dental research facility.

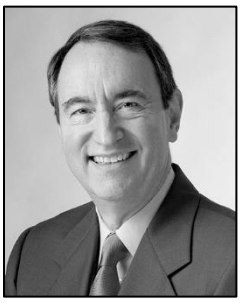
Thomas G. Wilson, Jr., DDS

The Etiology and Therapy for Peri-implant Diseases

The number of implants suffering from peri-implant disease is increasing. There are continued questions concerning the etiology and treatment of these problems. This presentation will cover new data on these topics. The role of foreign bodies including cement and titanium found in soft tissues surrounding implants affected by these diseases will be discussed. The effect of early and late colonizing bacteria on the implant surfaces and their role in the production of these foreign bodies will also be detailed. New therapeutic modalities will be discussed including appropriate methods for removing biofilm from infected implant surfaces and how these approaches may or may not result in new attachments to implant surfaces previously covered with biofilm.

Learning objectives

Understand how best to remove excess cement
Understand the possible role of corrosion in the etiology of peri-implant disease
Understand possible therapeutic approaches to implants effected by corrosion



Dr. Wilson received his DDS degree from the University of Tennessee School of Dentistry in 1971, and his Certificate in Periodontics from the University of Washington Graduate School of Dentistry in 1974, and has a private practice limited to periodontics in Dallas, Texas.

Edmond Bedrossian, DDS

Surgical and Biomechanical Principles when Using the Zygoma implants: Algorithms for Success

In the totally edentulous patient, a paradigm shift has taken place as the graftless surgical approach has gained credibility. The volumetric loss of bone and soft tissues associated with enlarged maxillary sinuses and reduced alveolar ridges pose unique surgical and restorative treatment challenges.

The successful fabrication and delivery of fixed implant supported prosthesis for this group of patients is dependent upon a systematic interplay between the surgical and prosthetic treatment planning objectives.

In order to execute this treatment concept, an algorithm for treatment planning as well as the appreciation for the biomechanical limits using the zygoma implant as posterior anchorage to support a fixed prosthesis is critical, as well as the management of complications must exist.

This presentation shares the Prosthetic and Surgical Biomechanical Principles when using the Zygoma implants.

Learning objectives

Treatment planning concepts for the maxilla
Prosthetic and surgical Biomechanical principles for treatment of the edentulous maxilla with the zygoma implant

Dr. Bedrossian received the DDS degree from the University of the Pacific, and completed his Oral and Maxillofacial Residency at Alameda Medical Center. He is a Diplomate of the American Board of Oral and Maxillofacial Surgery. He is also an Honorary Member of the American College of Prosthodontists.

He is a Professor at the University of the Pacific School of Dentistry combining private practices with academics as the director of implant surgical training at University of the Pacific's Department of Oral & Maxillofacial surgery.

He has authored multiple articles and chapters on the various uses of the Zygomatic implant, bone grafting and treatment planning implant dentistry. He has also authored the textbook; ”Implant treatment planning for the edentulous patient”, Forewarded by Professor Brånemark. He has lectured with Professor Brånemark on the rehabilitation of patients with maxillofacial defects and collaborated with him in attaining FDA approval for the use of endosseous implants in maxillofacial defects. He is a member of the Board of Directors for the Brånemark Institute; Treasurer for California Association of Oral & Maxillofacial Surgeons and Delegate to The American Association of Oral & Maxillofacial Surgeons. He is currently the President of the Brånemark Foundation North America. Dr. Bedrossian is on the editorial review board of: *The International Journal of Oral & Maxillofacial Implants; The Journal of Oral & Maxillofacial Surgery; The Clinical Implant Dentistry and Related Research.*

Ruth E. Bourke, BSc

Cast Gold to Digitally Milled: A 15-year Clinical Review of the MK1 Bar Design.

Ms. Bourke will present a 15-year retrospect demonstrating the evolution of the REBourke Concept MK1 Bar design. Clinical and laboratory examples of the first overdenture hand milled bar and cast passive secondary frame will be discussed. Subsequent cases and design concepts will show the parallel development of the technology. From the first Nobel Biocare touch scanner to the virtually designed and milled titanium bars produced today by Panthera Dental that are truly pieces of art in their own right.

Learning objectives

Participants will feel confident to design virtual overdenture bars online
Participants will have knowledge of ideal clinical requirements for use of the MK1 prosthesis
Participants will have an understanding of passive friction fit, double structure titanium milled bars

Ms. Bourke has forty years of experience and knowledge as a dental technician. Her career spans implant training in the late 1980’s with Professor P.I. Branemark, to the virtual designed MK1 concept bar developed with Dr. John Kois, in use today. In the first half of her career, Ms. Bourke completed professional certificates and a degree in dental technology, while working in academic institutions in the United Kingdom and the United States. In 2004, she opened her own dental laboratory and continued her education, becoming a recognized specialist at the Kois Center in Seattle.

Lambert J. Stumpel, DDS

Digital vs. Analog Guided Surgery: Separating the Hype from Reality

Our patients are analog, the implants we use are analog and the hands and eyes that place them are analog. Still our profession has fallen in love with digital. The digital workflow related to implant placement is just a technology that leads us to a clinical outcome. For any new technology to be of value it should deliver the same care cheaper, or better. We’ll examine what we know and compare that to what the industry wants us to do.

Learning objectives

Learn how high tech technology can help us in amazing ways.
Understand that low tech technology often can be cheaper.
Appreciate that desirable treatment outcome is the goal, not the way we get there.

Dr. Stumpel is a 1982 graduate from the Royal University of Utrecht, School of Dentistry, the Netherlands.

He is the developer of the 3D Click Guide®, holder of three patents, and has authored 30 peer reviewed publications and a textbook chapter. He is a fellow of the Academy of Osseointegration and a member of the Pacific Coast Society for Prosthodontics. Dr. Stumpel maintains a private practice in San Francisco, CA and is the CEO of Idondivi, Inc.

Jefferson Clark, DDS, MS

Effect of Image Sharpening upon Radiographic Image Quality

There is evidence that capture and processing of the digital radiographic images may contain artifacts that could reduce the diagnostic value of dental radiographs. This phenomenon has been reported through various case reports. However, its effect on radiographic image quality has not been studied. The purpose of this study is to evaluate the effect of image processing on the quality of dental digital radiographs using the most common type of filter; sharpening. Four imaging modalities (2 CMOS, 1 PSP, 1 Conventional Film) were used to radiograph an imaging phantom (Digital Dental Quality Assurance (DDQA) phantom) and to create a flatfield radiograph. Image quality parameters contrast resolution, spatial resolution, dynamic range and radiographic noise were assessed. Uberschwinger or overshoot artifact was also assessed. Each image was sharpened and then highly sharpened. Images were compared using Friedman's two-way nonparametric ANOVA analysis. Image quality with regards to noise and resolution were significantly affected by image sharpening. All modalities saw an increase in overshoot artifact when using any level of sharpening. Image sharpening to radiographic images create artifacts that can be misinterpreted. While image sharpening significantly affects spatial resolution, no significant effect was seen on dynamic range and contrast resolution.

Learning objectives

Digital radiographs are inherently different technology than film
While digital radiographs have many advantages, image processing using unsharp masking (USM) produces artifacts that can be misdiagnosed as pathology
Digital radiographs can be enhanced by imaging tools but optimal oral diagnoses is made using the original data and clinical verification

Dr. Clark received his DDS degree with honors from Loma Linda University School of Dentistry. He is a member of Omicron Kappa Upsilon (OKU), the National Dental Honor Society. He completed a Certificate in Advanced Graduate Studies in Prosthodontics and a Master's degree in Prosthodontics from Loma Linda University. Dr. Clark currently operates a private practice dedicated to advanced prosthodontics and implant dentistry in Roseville, CA. He is a member of the American College of Prosthodontics and an active member of various professional organizations.

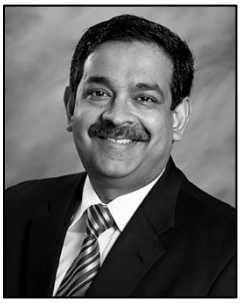
Mathew T. Kattadiyil, MDS, MS

Computer-Engineered Complete Dentures: Science Versus Art?

This presentation will provide a brief overview and update on computer-engineered complete dentures, and address clinical outcomes and complications associated with computer-engineered complete dentures.

Learning objectives:

At the end of the presentation, the attendee should be able to;
Recognize clinical outcomes associated with computer-engineered complete dentures
Understand complications associated with computer-engineered complete dentures
Identify advantages and disadvantages associated with computer- engineered complete dentures



Dr. Kattadiyil received his BDS degree from the College of Dental Surgery, Kasturba Medical College (KMC), Manipal, India in 1989. He completed his Masters in Dental Science (MDS) in Prosthodontics from the College of Dental Surgery, KMC, Manipal in 1992. He began full-time teaching in the Department of Prosthodontics at the College of Dental Surgery, KMC, Manipal, India in1992.

In 1997, he received the professional certificate in Prosthodontics from the School of Dentistry and in 1999 earned his Master of Science (MS) degree from Loma Linda University, Loma Linda, California. In 2012, Dr. Kattadiyil was awarded the "Educator of the Year" by the American College of Prosthodontists. He has lectured nationally and internationally. In addition to authoring multiple publications, text book and eBook chapters, he is also the co-author of the of the electronic program "Optimizing Success with Complete Dentures" prepared by Loma Linda University, 2013

Dr. Kattadiyil is Director-elect and Diplomate of the American Board of Prosthodontics and a Fellow of the American College of Prosthodontists. He is currently the Professor and Director of the Advanced Specialty Education Program in Prosthodontics at Loma Linda University.

He has been a full-time faculty member at Loma Linda University since 1999 and limits his practice to Prosthodontics

Steve Hurson

Implant Biomechanics

Long-term trouble free implant treatment relies on proper case planning and execution. This presentation will look at the multi-factorial science of marginal bone maintenance and remodeling. The science of how implant surfaces, restorative materials, connection type and the location of rough and smooth surfaces all play a role will be reviewed. A guideline for the types of implants to utilize to conform to these scientific principles for different applications will be presented.

Learning objectives

Understanding the selection and application of different implant connection types is necessary to build a good base to help prevent marginal bone loss. The pros and cons of different connection types will be presented

Applications of bone level and one stage implant designs will be presented and practical guidelines for the selection of each given

Careful selection of restorative materials is required to obtain a soft tissue seal to the restorative components on implants placed at bone level. The biological response to different restorative materials will be reviewed

Steve Hurson began his carreer in dental implants as a Project Engineer at Denar Corporation in 1984. Working with Dr. Jack Hahn, the first Denar implants were developed and clinically evaluated. In August of 1986 the Denar implants were launched to the profession and were the first pre-cleaned and sterilized implants commercially available.

Steve became the Director of Research and Development at Steri-Oss Inc. in 1990 and Chief Scientist for Nobel Biocare USA. LLC. in 2001.

As part of the Research and Development group Steve has been responsible for new implant system development. His accomplishments include the development of the Replace Tri-Lobe implant system and the development of the Steri-Oss implant system since its inception in 1984. In 2006 his group worked closely with Dr. Ophir Fromovich in the development of the NobelActive implant system.

Steve has 18 patents in the field of dental implants and has lectured nationally and internationally on implant design and mechanics, prosthetics and implant surfaces.

Steve is now retired and lecturing and consulting for Nobel Biocare.

Dr. Jeffrey Ceyhan BSc, DDS, MSD

Botox Injections in Dentistry

Onabotulinum Toxin A has been used in medicine for many years to treat musculo-skeletal disorders and is the number one plastic surgery procedure performed in the United States to treat facial wrinkles. The botulinum toxin can also be used as an alternative treatment modality in dentistry by working through chemo denervation to treat bruxism, temporomandibular disorders, chronic pain and headaches. This short presentation will address the advantages, limitations, mechanism of action and techniques of using Botox Therapy in dentistry to treat bruxism. We will also review how Botox can be used as an adjunct to conventional dental therapies and the rationale for this use.

Learning Objectives

Participants will understand the mode of action of the Botox cosmetic neuromodulator in decreasing muscle contraction

Participants will gain an appreciation of the advantages and limitations to using Botox cosmetic in treating bruxism

Participants will learn how to prepare, map muscles and inject the Botox cosmetic in the treatment of bruxism

Dr. Ceyhan obtained his DDS degree from Montreal's McGill University in 1990 and received his MSD and specialty certificate in Prosthodontics from Seattle's University of Washington in 2002. Dr. Ceyhan is a fellow, examiner and previous Chief examiner of the Royal College of Dentists of Canada and is an active member in many local, national and international dental organizations. He is a published author in peer reviewed dental journals and textbooks and lectures at both the graduate and undergraduate level at Universities in Canada and the United States. Dr. Ceyhan is a guest lecturer at McGill University and an Affiliate Professor at the University of Washington where he lectures to the undergraduates and the prosthodontic/periodontic graduate students. Dr. Ceyhan maintains a solo private practice in south Calgary in the Lake Bonavista area, specializing in fixed, removable and implant Prosthodontics

Thomas D. Taylor, DDS, MSD

Occlusion and Dental Implants: What Gives?

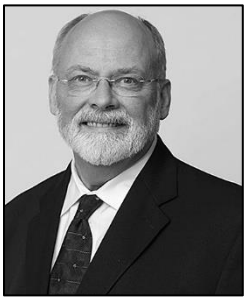
The biomechanical basis for implant component design has evolved dramatically since the early days of implant dentistry. Changes in thread profile, surface treatment, materials, connector configurations and many other aspects have improved the strength, stability and esthetic outcome of implant supported restorations. Unfortunately, many of the assumptions dentists and dental implant manufacturers continue to work under are not based on scientific evidence and may, in fact, be erroneous. Issues such as axial vs. nonaxial loading, progressive loading, occlusal overload and occlusion related bone loss are areas of concern to the dentist who places and/or restores dental implants and will be the topic of this review.

Learning Objectives

Have an understanding of the state of the science is relative to dental implants and occlusion

Be able to differentiate between high and low risk factors associated with functional loading of dental implants

Be aware of how implant design and failure mode can be related



Dr. Taylor is professor and head of the Department of Reconstructive Sciences and chairman of the Division of Prosthodontics at the University of Connecticut School of Dental Medicine.He is involved in both clinical and laboratory research and has published extensively in the prosthodontic literature. He is a past editor of the International Journal of Oral and Maxillofacial Implants. Dr. Taylor currently serves as executive director of, as well as being past president, of the American Board of Prosthodontics. He is also past president of the American College of Prosthodontists, the International College of Prosthodontists and the International Team for Implantology (ITI). He is past president of the Academy of Prosthodontics and the Greater New York Academy of Prosthodontics.

Osamu Komiyama, DDS, Ph.D

Overload of Dental Implants: Parafunctional Effects and the Central Nervous System

Various esthetic prosthodontic treatments including dental implants are more prosperous than ever with the evolution of dental technology. However, there is general agreement that excessive stress to the prosthesis may result in overload of the human tissue and physical failure of the prosthodontic structure. Many clinicians believe that overload of a dental prosthesis is a risk factor for bone loss and/or may be detrimental for the suprastructure in implant prostheses. It has been documented that occlusal parafunction such as bruxism (tooth grinding and clenching) affects the outcome of prostheses, and those parafunctions are initiated in the central nervous system. During occlusal examination of the patient, the occlusal contact area and the bite force of a patient provide valuable information for prosthodontic treatment and its prognosis.

In a previous paper on the central nervous system, we clarified that the masticatory inhibitory reflex, as a brainstem reflex to interrupt tooth clenching, has a wide variety of appearance threshold individually following stimuli with increasing intensity. We also demonstrated that repeated and standardized tooth clenching tasks triggered significant neuroplastic changes in the corticomotor control of jaw-closing muscles but not of a hand muscle. On the other hand, in previous papers regarding the peripheral masticatory system, we showed that the occlusal contact areas increased with increasing tooth clenching intensity which may affect the tooth and the periodontal tissues, and that an adequate narrative instruction may contribute to taking a stable occlusal recording in natural dentition.

In this lecture, the importance of brain functions and force control in prosthodontic treatment will be discussed to prevent the failure of esthetic prosthodontic treatment.

Learning objectives

To understand and become familiar with occlusal parafunction such as bruxism (tooth grinding and clenching) affects the outcome of prostheses

To know the effects of the central nervous system and the peripheral masticatory system for the appropriate occlusal force control

To prevent the failure of esthetic prosthodontic treatment with dental implants

Dr. Komiyama received the degree in Doctor of Dental Science from the Nihon University, Japan, in 1989, and served as an instructor at the Department of Complete Denture Prosthodontics. After that, he obtained a Ph.D. degree in Dental Science from the Nihon University in 1998. He served as an assistant professor at the Department of Comprehensive Clinical Dentistry, School of Dentistry at Matsudo, Nihon University in 2002, and was a visiting Professor at Catholic University of Leuven from 2003 to 2005 as host Professor Antoon De Laat in Belgium. He is currently an Professor and chair at the Department of Oral Function and Rehabilitation, School of Dentistry at Matsudo, Nihon University, and the Past President of a Neuroscience Group of the International Association for Dental Research. His research interests include the development of new somatosensory functional evaluation method in the trigeminal region, clinical neurophysiological evaluation of masticatory function, experimental characterization of orofacial pain patients, and the relation among brain functions, jaw movement, and force control with prosthodontic treatment.

Jim Janakievski, DDS, MSD

Autotransplantation of Premolars to Replace Traumatized Maxillary Incisors in the Growing Patient

Options to replace missing or ankylosed teeth in the anterior maxilla are limited for growing patients. Treatment is usually aimed at developing the ridge for future implant placement. Autotransplantation of a premolar to the incisor site offers permanent tooth replacement using a natural tooth to achieve an optimal aesthetic & functional outcome. This presentation will review the surgical and restorative considerations for autotransplantation.

Learning Objectives:

The appropriate time to plan for tooth autotransplantation
Surgical considerations for an optimal outcome
Restoration of a transplanted premolar to mimic a central incisor

Dr. Janakievski received his DDS from the University of Toronto, which was followed by a general practice residency. After several years in general practice, he completed his post-graduate training at the University of Washington, where he received a certificate in Periodontology with a MSD degree and a fellowship in Prosthodontics. He continues to teach as an Affiliate Assistant Professor in the Department of Periodontology and has been invited to present at national and international conferences. Dr. Janakievski is a Diplomate of the American Board of Periodontology, and a member of the American Academy of Periodontology and the American Academy of Esthetic Dentistry. He is a reviewer for several dental journals and has published in the area of interdisciplinary dentistry, dental implants and tooth autotransplantation. In addition, Dr. Janakievski participates in practice based clinical research through the McGuire Institute. He maintains a private practice in Tacoma, Washington.

Ulf Temnitzer, DDS

Is the Link between Occlusal Wear and Non-Carious Cervical Lesions a Myth or Reality?

While prosthodontists pay homage to the importance of evidence-based treatment, many of our clinical protocols on a daily basis are empirically based. For example, the role masticatory system biomechanics (occlusion) plays in the etiology of non-carious cervical lesions (NCCLs) remains controversial. Other etiologic factors involve acid erosion and toothbrush abrasion. An investigation to examine the relationship between occlusal forces/wear and NCCLs was conducted to provide evidence to guide practices in prevention and treatment of such lesions.

Learning objectives

Review the etiology of the formation of Non-Carious Cervical Lesions (NCCLs)
Present the findings of our study and compare them to existing research
Understand the role of occlusal frictional wear in the formation of NCCLs

Dr. Temnitzer is an assistant professor at the University of the Pacific School of Dentistry. In 2010, Ulf graduated from the University of the Pacific School of Dentistry. He worked for years as a certified dental laboratory technician trained in Switzerland, where he was born and grew up. In 2013, Dr. Temnitzer completed his prosthodontics residency training at the University of Alabama at Birmingham. He is a member of the American College of Prosthodontists.

Amirali Zandinejad

Restorative Material Selection for Implants in the Esthetic Zone:

Today replacing missing teeth in the esthetic zone with dental implant is very common. Nevertheless for an ultimate and predictable esthetic outcome a proper restorative driven implant placement and a careful design and material selection for final restoration is essential. This presentation reviews the wide variety of restorative materials that are available for restoring dental implants in the esthetic zone. The indication and limitation for each material will be discussed from the scientific and clinical view point.

Learning Objectives:

Discuss different restorative materials/design that are available for restoring dental implants in the esthetic zone
Identify factors that will affect the restorative material/design selection for implants in the esthetic zone
Discuss how to select the restorative material/design for maximizing durability and esthetics

Dr. Zandinejad completed his dental training in 1996. He completed a residency program in operative dentistry and received his Master degree in restorative dentistry from Sheffield University in the United Kingdom. He completed his AEGD residency and prosthodontic training at the university of Rochester in New York. He is a fellow of international team for implantology (ITI). He lectures extensively on implant and esthetic dentistry and has numerous publications. Dr. Zandinejad recently joined the Texas A & M University, College of Dentistry as the Director of AEGD program. He maintains his practice limited to Implants, Esthetic Dentistry and Prosthodontics.

Stuart Taylor, DDS, MS

Attrition and Subtraction: The Future of Imaging in Dentistry.

Dr. Taylor will give an overview of the possible directions modern 3-D imaging will take Dentistry, with a focus on his research into methods to measure subtle changes in a patient's dentition. Particular focus will be given to the diagnosis and management implications these imaging techniques will bring to Dentistry.

Learning Objectives:

Describe some conditions that cause non-carious tooth tissue loss
Describe some of the difficulties in assessing non-carious tooth tissue loss
Describe an experimental method for measuring non-carious tooth tissue loss

Stuart Taylor is board certified in Oral Medicine and Oral and Maxillofacial Radiology. He graduated from the University of Manchester, UK in 2000 and was in Private Practice for 4 years. He completed his Master's Degree in Oral Medicine in 2009, then completed his Residency in Oral and Maxillofacial Radiology in 2013, both at the University of Washington. He has been in Oral Medicine and Oral and Maxillofacial Radiology Private Practice until 2016, when he returned to the University of Washington, this time as Full-time Faculty

Van Ramos, DDS

Developing the Ovate Pontic: Because We Still Do Fixed Prosthodontics

A dental implant is often the preferred treatment option for the single tooth edentulous site. However, not all clinical situations are “implant compliant”. This clinical presentation will focus on two clinical scenarios. The first scenario will demonstrate the development of the ovate pontic in conjunction with tooth extraction. The second scenario will demonstrate pontic site development at a healed site.

Learning objectives

The clinician will learn treatment strategies based on the clinical presentation
The clinician will learn pontic site development in conjunction with soft tissue
The clinician will learn how to sculpt the tissue for correct pontic form

Dr. Ramos is an Associate Professor and the Director of Graduate Prosthodontics at the University of Washington. He recently retired after 30 years of active duty service from the United States Army Dental Corps where he was the Prosthodontic Residency Program Director and the Prosthodontic Consultant to the Surgeon General of the Army. He is a Diplomate of The American Board of Prosthodontics and a Fellow in the American College of Prosthodontists.

Clark Stanford, DDS, PhD

Concepts of Health, Oral Health and the Value Proposition for Tooth Replacement Therapies

Patient often present with complex set of needs and the health system(s) creates substantial challenges due to a lack of clear diagnostic and understanding of therapeutic outcomes of care. Outcomes of Health also depend on the presenting condition(s), noting that we will have condition specific expectations which need to be framed within the framework of oral rehabilitation for many of our patients. The impact of care may derive a differential in which we weight the importance of the patient’s total health (Total Health defined within the framework of the four domains of Function, Economics, Physiological and Psychological). To help our patients, we need to tie concepts of health and patient-oriented outcomes to all of the therapies we propose, pursue or advocate for.

Learning objectives

Understand the importance of variable definitions of health, oral health and the value proposition that the concepts of Quality are creating
Understand the role of tooth replacement therapies within this framework of Quality
Understand the role of inquiry and point-of-care research in developing patient-oriented measures of relevant outcomes to the oral health care we provide

Dr. Stanford is UIC Distinguished Professor and Dean, The University of Illinois at Chicago, College of Dentistry in Chicago, Illinois. He was Associate Dean for Research and Centennial Fund Professor for Clinical Research, at the College of Dentistry, University of Iowa (Iowa City) until October 2014. He holds a secondary appointment the Department of Bioengineering, College of Engineering at UIC.

Dr. Stanford received his BS (1984), DDS (1987), Certificate in Prosthodontics and Ph.D. (Cell Biology; 1992) from the University of Iowa. He was on the Iowa faculty from 1992-2014. He is the author of 22 book chapters, 122 published papers and more than 140 published research abstracts. He receives research funding from NIH, Foundations and from industry. He currently serves on multiple national and international committees. He is the recipient of 15 academic awards including the 207 State of Iowa Regents Award for Faculty Excellence and the International Association for Dental Research (IADR) Distinguished Scientist Award (207).

Reserve Speaker

Chandur Wadhwani BDS MSD

Controlling the Success of Dental implants: Biology, Chemistry and Physics

Osseointegration has been extensively studied over the past 4-5 decades. However, there remains much to be learnt about how to improve implant success from soft tissue management, understanding our material selection and realization that implant mechanics are a new discipline to dentistry. This lecture will discuss basic concepts such as monitoring and improving biological soft tissue attachment to the implant, understanding titanium- the 'magic metal,' and knowing how to optimize component screw connection.

Learning objectives

Tests for implant health- errors in evaluating bone health with radiographs and Probing Dental Implants
How to enhance the properties of titanium using anodization, how to destroy it using fluoride
Understanding screw mechanics and how to correctly tighten an implant abutment screw

Dr. Wadhwani is in full time private practice limited to prosthodontics in Bellevue WA. He is considered the most boring of all dentists, as his hobby is understanding the processes he applies daily in his office. Currently, he is conducting research programs with: OHSU Graduate periodontics, LLU Graduate prosthodontics, UT Dallas Bioengineering, UW Restorative department. He has spoken to all the premier dental academies. He has published chapters in six textbooks and is best known on his work related to peri-implant disease and residual excess cement

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Fred E. Gulick
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San Francisco, CA

1932

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Empress Hotel
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1933

Frank E. Wood
Clift Hotel
San Francisco, CA

1934

Frank E. Wood
No meeting held

1935

Frank H. McKevitt
St. Catherine Hotel
Avalon, Catalina Island, CA

1936

Wilfrid H. Terrell
Clift Hotel
San Francisco, CA

1937

James L. Howard
De Anza Hotel
San Jose, CA

1938

Ralph M. Rogers
Mount Baker Lodge
Mt. Baker, WA

1939

Milus M. House
Sir Francis Drake Hotel
San Francisco, CA

1940

J. Frederick Steffan, Jr.
No meeting held

1941

J. Frederick Steffan, Jr.
Timberline Lodge
Mt. Hood, OR

1942–1946

Saul C. Robinson
No meetings held

1947

Saul C. Robinson
Fairmont Hotel
San Francisco, CA

1948

James W. Carson
Newhouse Hotel
Salt Lake City, UT

1949

Charles S. Ballard
Mark Hopkins Hotel
San Francisco, CA

1950

Arthur W. Schultz
St. Catherine Hotel
Avalon, Catalina Island CA

1951

Roland D. Fisher
Hotel Bellingham
Bellingham, WA

1952

George A. Hughes
Claremont Hotel
Berkeley, CA

1953

Clawson N. Skinner
Miramar Hotel
Santa Monica, CA

1954

William. P. Harrison
Olympic Hotel
Seattle, WA

1955

George E. McGee
St. Francis Hotel
San Francisco, CA

1956

Earl Pound
Biltmore Hotel
Phoenix, AZ

1957

George H. Chiles
Hotel LaFayette
San Diego, CA

1958

Mark S. Skiff, Jr.
Timberline Lodge
Mt. Hood, OR

1959

Charles Lipp
Rickey's Studio Inn
Palo Alto, CA

1960

Arthur W. Spaulding
Miramar Hotel
Santa Monica, CA

1961

Arthur E. Aull
Empress Hotel
Victoria, B.C.

1962

Jerome Strain
Claremont Hotel
Berkeley, CA

1963

Donald A. Forsblade
Miramar Hotel
Santa Barbara, CA

1964

Sperry D. Fraser
Bayshore Inn
Vancouver, B.C.

1965

Carl P. Regli
Mark Thomas Inn
Monterey, CA

1966

Willoughby R. Wright
Kona Inn
San Diego, CA

1967

J. D. Guthrie
Sun Valley Lodge
Sun Valley, ID

1968

Robert C. Zeisz
Nugget Motor Lodge
Sparks, NV

1969

Walter J. Monia
Kona Kai Club
San Diego, CA

1970

Harold M. Kramer
Empress Hotel
Victoria, B.C.

1971

Gerald A. Bellagamba
Cabana Hyatt House
Palo Alto, CA

1972

G. Newell Wood
Newporter Inn
Newport Beach, CA

1973

Donald R. Shaw
Washington Athletic Club
Seattle, WA

1974

Perry E. Beeson
Marriott Inn
Berkeley, CA

1975

Jack Warrens
Hotel del Coronado
San Diego, CA

1976

Alan Y. Clarke
Thunderbird Motor Inn
Portland, OR

1977

Ellsworth K. Kelly
Holiday Inn
San Francisco, CA

1978

George A. Murrell
Marriott Hotel
Newport Beach, CA

1979

Charles L. Bolender
Rosario Resort
Orcas Island, WA

1980

James M. Fairchild
Doubletree Inn
Monterey, CA

1981

Daniel E. Gordon
Marriott Hotel
Newport Beach, CA

1982

Dale E. Smith
Jasper Park Lodge
Jasper, Alberta

1983

Marcus E. Waltz
MGM Grand Hotel
Reno, NV

1984

Carl E. Rieder
Biltmore Hotel
Santa Barbara, CA

1985

Charles C. Swoope
Westin Bayshore
Vancouver, B.C.

1986

Gordon D. Douglass
The Claremont Resort
Oakland, CA

1987

Alex Koper
Hotel del Coronado
Coronado, CA

1988

H. Graham Pettapiece
Sunriver Resort
Sunriver, OR

1989

Warden H. Noble
Silverado Country Club
& Resort
Napa Valley, CA

1990

Howard Landesman
Century Plaza Hotel
Century City, CA

1991

James L. Lord
Empress Hotel
Victoria, B.C.

1992

Richard A. Fitzloff
Hyatt Regency
Kauai, HI

1993

David W. Eggleston
Four Seasons Hotel
Newport Beach, CA

1994

Richard F. Frank
Sun Valley Resort
Sun Valley, ID

1995

Theodore E. Jacobson
Ritz-Carlton Hotel
San Francisco, CA

1996

Robert G. Tupac
Eldorado Hotel
Sante Fe, NM

1997

Peter Stevenson-Moore
Chateau Whistler Resort
Whistler, B.C.

1998

Robert E. Gillis, Jr.
Hyatt Regency
Sacramento, CA

1999

Roy T. Yanase
Coronado Island Marriott Resort
San Diego, CA

2000

James D. Weaver
Four Seasons Olympic
Seattle, WA

2001

Curtis L. Barmby
Resort at Squaw Creek
Lake Tahoe, CA

2002

Joseph P. Cooney
Sheraton El Conquistador
Tucson, AZ

2003

George E. Goll
Westin Bayshore
Vancouver, B.C.

2004

Paul P. Binon
Monterey Marriott
Monterey, CA

2005

Madeline Kurrasch
Marina del Rey Ritz Carlton
Marina del Rey, CA

2006

Baron Barnett
Portland Hilton
Portland, OR

2007

Bruce Marcucci
Palace Hotel
San Francisco, CA

2008

Baldwin W. Marchack
Sheraton Keauhou Bay Resort
Kona, HI

2009

William F. Schmidt
Sunriver Resort
Sunriver, OR

2010

Arun B. Sharma
Silverado Resort & Spa
Napa, CA

2011

Robert Dent
Langham Huntington Hotel
Pasadena, CA

2012

Donald Reikie
Fairmont Empress Hotel
Victoria, B.C.

2013

Donald Curtis
Hotel Captain Cook
Anchorage, AK

2014

Christopher Travis
Montage Resort
Laguna Beach CA

2015

Jacinthe Paquette
Montage Resort
Deer Valley, UT

2016

Frederick C. Finzen
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San Francisco, CA

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San Luis Obispo
Devin Stewart, Active

Santa Ana
Kent Ochiai, Associate

Santa Inez
Amerian D. Sones, Active

Santa Maria
G. Newell Wood, Life

Santa Monica
Ryan Wallace, Active

Santa Rosa
Terry L. Eggleston, Life
Larry L. Harman, Life
Theodore E. Jacobson, Life
Andrea Jordan, Associate

St. Helena
William M. Putnam, Active

Tarzana
Howard M. Landesman, Life

Templeton
Jack Preston, Honorary

Torrance
Madeline Kurrasch, Life
Roy T. Yanase, Life

Tustin
Milos M. Boskovic, Active

Walnut Creek
Curtis Barmby, Life
David L. Pfeifer, Active
Gordon Douglass, Life

Connecticut

West Hartford
Thomas Taylor, Honorary

Hawaii

Honolulu
Newton Jacobs, Life

Idaho

Boise
Braden Stauts, Life

Nevada

Reno
Robert H. Ahlstrom, Active
Craig Andresen, Associate

Oregon

Ashland
Mark R. Spector, Life

Bend
Steve Parel, Honorary

Eugene
Larry M. Over, Active

Lake Oswego
Theodore E. Depew Jr., Life

Tualatin
Baron G. Barnett, Life
Scott Dyer, Active

Utah

Provo
Vern M. Tueller, Life

Washington

Bellevue
Chandur Wadhwani, Active

Bellingham
Ed Thorp, Active

Everett
Alex H. Kang, Active
Kyle Schmidt, Associate

Lake Forest Park
Charles L. Bolender, Life

Olympia
Rodger A. Lawton, Active
David H. Wands, Life

Sammamish
James D. Weaver, Life

Seattle
James W. Cherberg, Life
Will Chung, Associate
Richard P. Frank, Life
E. Cary Halpin, Life
Glen H. Johnson, Life
James L. Lord, Life
Dean E. Kois, Active
John C. Kois, Honorary
Mats H. Kronström, Active
William F. Schmidt, Life
John A. Sorensen, Active
Frank Spear, Honorary

Tacoma
Eugene Choy, Life
Dave Mathews, Honorary

Vancouver
David Carsten, Active

Alberta, Canada

Calgary
Jeffrey Ceyhan, Active
Gerard Charanduk, Active
Terry J. Lim, Active
Donald F. Reikie, Active

Edmonton
Brian K.S. Kucey, Active

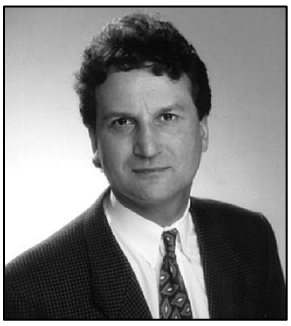
British Columbia, Canada

Vancouver
Michael J. Racich, Active
Peter Stevenson-Moore, Life

Victoria
Bunny B. Berezon, Life
Jamie A. Kaukinen, Active

In Memoriam

George Edmund Goll, BDS, MSD
1951 – 2017



George was born in London, England, in 1951 to Edmund and Halina Goll. Edmund served in the Polish Army during World War II and immigrated to England in 1947 with Halina and their only child at the time, Hania. As a result, George grew up in a household filled with Polish influence, from language to participation in the Polish Boy Scouts to neighborhood bazaars and holiday celebrations. George was one of four siblings and maintained a close relationship with all of them throughout his life.

When it came time to choose a career, George decided to pursue dentistry and earned a place at University College Hospital London where he excelled as a student.

After completing his dental undergraduate degree in 1974, he was selected to become House Officer and then Senior House Officer at UCH, an 18-month internship that eventually fueled his desire to pursue a postgraduate master's degree. During this time, George maintained a real interest in athletics. He grew up cycling and racing with his father and brother in London-based clubs, ran the London Marathon, and upon entering university, started rowing competitively. He held a record at the prestigious Henley Royal Regatta for over 20 years and represented Great Britain's national rowing squad in Europe.

In 1978, George left London to obtain a postgraduate degree at the University of Washington School of Dentistry. It was while pursuing a doctorate in prosthodontics that he met his wife, Rebecca, who was studying to become an endodontist at the same time. The two married in 1981 and had three children together: Amanda, Emily, and Spencer. George went on to start a successful private practice in downtown Seattle. He had a commitment to continuing education in his profession and was an active member of the Pacific Coast Society of Prosthodontics and the Washington State Society of Prosthodontics. He was also named a Diplomat for the American Board of Prosthodontics, an honor that is bestowed only after examination.

George's greatest passion was always for family and friends. He had an active social life and liked to spend his leisure time cycling with local clubs in the Seattle area, riding motorbikes with his son, and going on ski trips that took him all around the world. He had a thirst for adventure, something that stayed with him even when battling cancer towards the end of his life. His friends will remember him as somebody that was always quick with a joke and willing to lend a hand when needed. George will be sorely missed by those who knew him. He is survived by his three children, Amanda, Emily, and Spencer; his siblings, Hania, Grazyna, and Andrew, and his nieces and nephews.

The family would also like to thank Dr. Cristina Rodriguez and all other providers who gave him excellent care while undergoing treatment.

Published in *The Seattle Times* on April 30, 2017

In Memoriam

Genine Berezon
1941–2017

Genie Berezon (nee Chorney) passed away peacefully from a stroke at the age of 76. She is predeceased by her parents, Nixon and Marie Chorney, her sisters, Gloria Shewchuk and Eleanor Zaparinuk.

She is survived by her loving husband, PCSP Life Member Bunny; daughters, Karen and Shelley; grandson, Ryan, and two grand doggies.

Genie will be missed for her wonderful gourmet cooking and family dinner gatherings. She loved to travel, listen to music and she had a big heart when it came to animals. She was a veracious reader and more recently could be found listening to audio books while indulging in a glass of bubbly Prosecco.

A celebration of Genie's life was held on Sunday, June 11th at the Foxburough Hills clubhouse.
In lieu of flowers, donations can be made to: Victoria SPCA or Victoria Women's Transition House.

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