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## Welcome to Miami!

Before you read the rest of this program, I'd like to ask you to do something unusual. Instead of looking for names that you recognize and circling sessions to attend, try this:

Think about this meeting as a story.

At the beginning, by design, is the patient. Our speakers begin by describing their experiences treating individuals with complex needs, from adolescents with debilitating congenital conditions to frail geriatric patients with multiple medical pathologies. The needs of our patients are changing. But so are the opportunities we have for treating them.

Over the next few days, we see how a dynamic specialty moves forward: keeping steady on proven basic principles, but actively embracing new opportunities. The frame widens to include fresh multidisciplinary perspectives on whether and how a tooth should be saved to support a prosthesis, what can be achieved with the latest ceramic materials, and whether it is time to revisit guidelines for tooth preparation in light of advances in biomaterial research.

There is a sense of momentum as promising young leaders step forward to illustrate how conventional fixed and removable prostheses and workflows can be improved through the conscientious use of technology. Technology and treatment planning are also at the forefront in identifying patient and prosthetic risk factors that affect our practices and our patients' safety.

Finally, we return to the patient, who is thriving with the benefit of comprehensive prosthodontic care. Our speakers demonstrate how prosthodontists are uniquely positioned to harness scientific insights and advances, and to collaborate with other specialists. In complex treatments, where biology, technology, and evidence-based treatment planning come together, we are the specialists who bring everything together.

The 49th Annual Session of the American College of Prosthodontists is a story about how our specialty has embraced change, and why our specialty will continue to be vibrant for many years to come. When you recognize old friends and colleagues at one of the many social events throughout the week or along the boardwalk outside, take a moment to celebrate.

Here at this meeting, among your fellow prosthodontists, you are at the center of patient care.



Carlo Ercoli, DDS, MBA, FACP  
Program Chair



## Statement of Need

The American College of Prosthodontists is dedicated to empowering and supporting education, research, and the clinical practice of prosthodontics; and to promoting continuous improvement in the restoration of teeth and orofacial structures to enhance patient care and oral health outcomes.

## Target Audience

The primary target audience of the American College of Prosthodontists 2019 Annual Session course is the members of the College. Secondary audiences include prosthodontists, residents, dental students, general dentists, and office staff.

## Global Learning Objectives

At the conclusion of this meeting, attendees will be able to:

- Review and apply recent changes and important considerations regarding the surgical placement of dental implants as they impact prosthodontists in practice and education.
- Adapt informed choices in digital technology, materials, and workflows for the treatment of patients with complex restorative needs.
- Prepare for emerging trends in prosthodontic practice and patient care.

## Description of Meeting Content

The American College of Prosthodontists 2019 Annual Session showcases, explores, and discusses state-of-the-art and new prosthodontics-related research, education, clinical practice, patient care, outcomes, digital dentistry, restoration of teeth, and orofacial structures.

## Teaching Method(s):

Didactic presentation, question and answer, and hands-on workshops.

**Note:** Each presentation has its own specific learning objectives and session description which are included within the guide.

## Program Committee

Dr. Carlo Ercoli, Chair  
Dr. Nadim Z. Baba, 2019 President

Dr. Lars Bouma  
Dr. Konstantinos Chochlidakis

## Social Media

Tag your Annual Session photos, tweets, stories, and snaps with #acpros49.





## Quick Look

WORKSHOP	7:00 A.M. – 12:00 P.M.	ACP Joint Educators Conference	Predoctoral Splash 3-4 (Upper Lobby Level) Postdoctoral Splash 1-2 (Upper Lobby Level)
WORKSHOP	7:00 A.M. – 4:45 P.M.	Board Preparation Course	Splash 9-12 (Upper Lobby Level)
WORKSHOP	1:00 – 3:00 P.M.	Digital Curriculum User Group Meeting	Splash 1-2 (Upper Lobby Level)
WORKSHOP	1:00 – 4:00 P.M.	Immediate Implant Placement with Provisionalization	Splash 13-14 (Upper Lobby Level)
EDUCATION	1:00 – 2:55 P.M.	Prosthodontic Treatment of the Severely Compromised Patient	Fontaine Ballroom (Lobby Level)
WORKSHOP	1:00 – 2:30 P.M. 3:00 – 4:30 P.M.	Media Training Course	Splash 3-4 (Upper Lobby Level)
EDUCATION	3:10 – 5:10 P.M.	Prognosis of the Prosthodontic Abutment: Biomechanical and Biological Considerations for Success	Fontaine Ballroom (Lobby Level)
EVENT	6:00 – 8:00 P.M.	Welcome Reception	Ocean Lawn

6:00 A.M. – 6:00 P.M.  
Luster Gallerie (Upper Lobby Level)

### Registration Open

7:00 A.M. – 12:00 P.M.  
Predoctoral Splash 3-4  
(Upper Lobby Level)  
Postdoctoral Splash 1-2  
(Upper Lobby Level)  
3.75 CE

### Joint Educators Conference

The American College of Prosthodontists and the ACP Education Foundation are pleased to support this gathering of predoctoral and postdoctoral prosthodontics educators

Sponsored in part by educational grants from:



7:00 A.M. – 4:45 P.M.  
Splash 9-12 (Upper Lobby Level)  
7.25 CE

Fee: \$400 members/  
\$800 non-members

### Board Preparation Course

Avinash S. Bidra, BDS, MS, FACP, Course Director, University of Connecticut Health Center

This session will:

- Demonstrate how the prosthodontic board exam is conducted.
- Review current information about the examination process through the eyes of recent examinees and previous Board members.
- Illustrate the process of becoming board-certified.

The Board Preparation Course is designed to demonstrate the process of becoming a Diplomate of the American Board of Prosthodontics. The course is recommended for prosthodontic residents as well as experienced prosthodontists who are interested in becoming board-certified. Access to the ACP Board Study Guide app for iOS and Android is included with registration.

7:00 – 7:30 A.M.

7:30 – 7:40 A.M.

7:40 – 8:20 A.M.

8:20 – 9:00 A.M.

9:00 – 9:20 A.M.

9:20 – 10:00 A.M.

10:00 – 10:40 A.M.

10:40 – 11:00 A.M.

11:00 – 11:20 A.M.

11:20 A.M. – 12:00 P.M.

12:00 – 12:45 P.M.

12:45 – 1:45 P.M.

1:45 – 2:25 P.M.

2:25 – 3:05 P.M.

3:05 – 3:25 P.M.

3:25 – 4:05 P.M.

4:05 – 4:45 P.M.



### **Breakfast**

#### **Introduction & Welcome**

*Nadim Z. Baba, DMD, MSD, FACP • ACP President*  
*Avinash S. Bidra, BDS, MS, FACP • Course Director*

#### **Section A: Computerized Written Examination**

*Daniel A. Givan, DMD, PhD, FACP*  
*University of Alabama*

#### **Dental Materials**

*Stephen D. Campbell, DDS, MSD, FACP*  
*University of Illinois*



### **Coffee Break**

#### **Simplifying Occlusal Concepts**

*Steven M. Morgano, DDS, FACP*  
*Rutgers School of Dental Medicine*

#### **Section D: Implant-Based Presentation and Oral Exam**

*Avinash S. Bidra, BDS, MS, FACP*  
*University of Connecticut*



### **Coffee Break**

#### **Study Guide App**

*Stephen A. Wagner, DDS, FACP*  
*Albuquerque, NM*

*Mark Heiden, MS*  
*ACP Central Office*

#### **Restoration of Endodontically Treated Teeth**

*Charles J. Goodacre, DMD, MSD, FACP*  
*Loma Linda University*

#### **Questions and Answers: The American Board of Prosthodontics**

*David A. Felton, DMD, MS, FACP • ABP President*  
*Thomas J. McGarry, DDS, FACP • ABP Vice President*



### **Lunch**

#### **Section B: Part 2 Treatment**

*Florian R. Kernen, Dr Med Dent, MDSc, FACP*  
*Basel, Switzerland*

#### **Section B: Part 3 Treatment**

*Akanksha Srivastava, BDS, MSc, MDSc, FACP*  
*University of Texas*



### **Refreshment Break**

#### **Section B: Part 4 Treatment**

*Saad S. AlResayes, BDS, MS, FACP*  
*Loma Linda University*

#### **Section C: Scenario-Based Oral Examination Tips for Preparation**

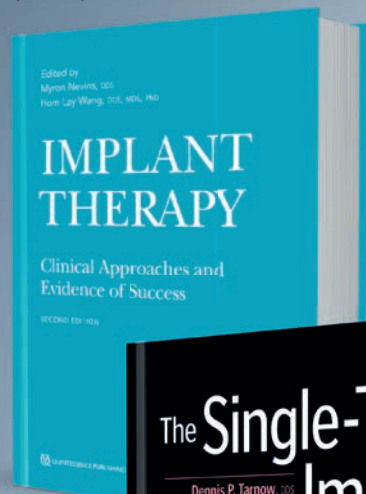
*Jefferson L. Clark, DDS, MS, FACP*  
*Roseville, CA*



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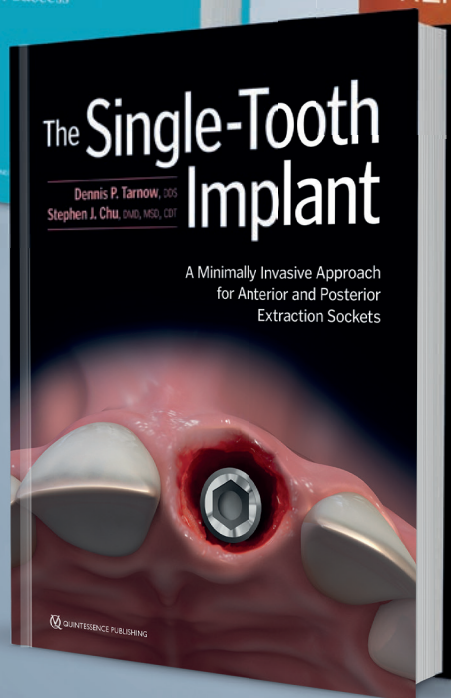
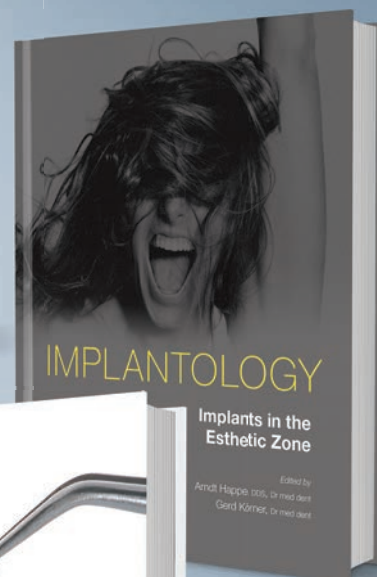
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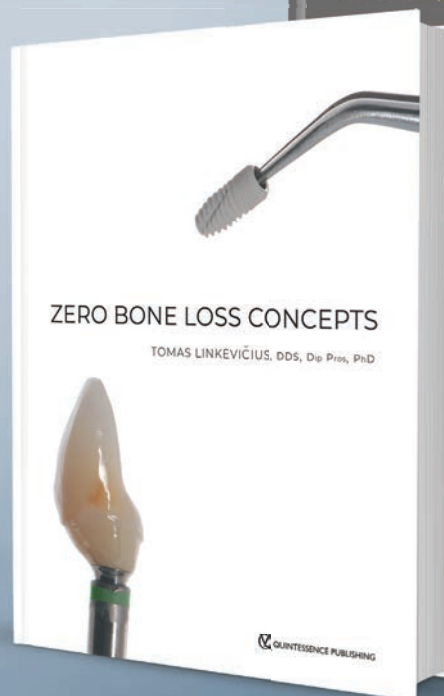
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1:00 – 2:30 P.M. &  
3:00 – 4:30 P.M.  
Splash 3-4 (Upper Lobby Level)

Fee: \$25

**Advance registration is required.** Please inquire at registration whether seats are still available.

1:00 – 3:00 P.M.  
Splash 1-2 (Upper Lobby Level)

1:00 – 4:00 P.M.  
Splash 13-14 (Upper Lobby Level)  
1.80 CE

Fee: \$45  
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**This workshop is sold out.**  
Please inquire at registration for any last minute cancellations.

## Media Training Course

*Evan Summers, ACP Central Office*

This course is designed to help prosthodontists contact and interact with the media. Taught by a former TV news reporter, the course will teach you how to connect with local media, convey your expertise to the public, and promote the specialty in new ways.

## Digital Curriculum User Group Meeting

The ACP's Digital Dentistry Curriculum is now available to dental schools worldwide. All educators are invited to this meeting, which is intended to create a platform to share and discuss challenges, technology, and further development between the schools that have access to the program and our commercial supporters. If your school does not yet have access to the curriculum, your presence is very much welcomed at this meeting, as it will provide an opportunity for you to explore the content and develop strategies for a successful implementation.

## Immediate Implant Placement with Provisionalization

*Bobby Hardeep S. Birdi, DMD, MS, FRCD (C), Vancouver, BC*

Following this session, the attendee should be able to:

- Recall the On1 concept and the importance of the implant-abutment connection.
- State the benefits of the On1 concept both biologically and restoratively.
- Describe the digital and analog workflows for the On1 concept.
- Identify how to avoid restorative-driven implant complications.
- Recognize when to offer immediate implant placement and the technique involved.
- Identify when to utilize provisional implant restorations for patients on day of surgery.
- Summarize how the digital workflow can help in all aspects of implant dentistry.

This workshop will feature some of the newest innovations in implant dentistry. The On1 concept is unique. It's the first concept to preserve the connective tissue structure and maintain full restorative and surgical flexibility. The concept also radically simplifies the restorative procedure, as the On1 Base moves the restorative platform of Nobel Biocare conical connection implants from bone level to tissue level. It remains in position from implant placement to finalization, which leaves the soft tissue undisturbed for optimized healing. This workshop will focus on single implant placement with immediate restoration featuring the On1 Concept.







## Prosthodontic Treatment of the Severely Compromised Patient

**1:00 – 2:55 P.M.**

Moderator: Lisa A. Lang, DDS, MS, MBA, FACP, The Ohio State University  
*Fontaine Ballroom (Lobby Level) • 1.92 CE*

**1:00 – 1:35 P.M.**

### **Maxillofacial Reconstruction – Early Cleft Care to Facial Transplantation: Maintaining the Human Factor in the Digital Age**

*Lawrence E. Brecht, DDS  
New York*

Following this session, the attendee should be able to:

- Describe benefits of an integrated team approach for addressing complex maxillofacial reconstruction.
- Identify the role of digital technology in planning and executing complex maxillofacial reconstructions.
- Recognize the emerging field of facial transplantation as an option for addressing complex maxillofacial deformities resulting from traumatic injury.

Individuals with facial deformities usually require multiple surgical and/or prosthetic procedures to provide some semblance of normal appearance or functional capacity. Through the development of a team approach and advances in digital technologies, many previously unimagined reconstructions are now possible, with fewer and more efficient surgical procedures that also facilitate improved prosthetic restorations and functional outcomes. However, the role of this technology must be in balance with the human aspect of the care we provide. This presentation will review the surgical-prosthetic-industrial team approach in reconstruction, from the simplest examples to the most complex, including facial transplantation.

**1:40 – 2:15 P.M.**

### **Too Old and Frail for Implants? Treatment Concepts for Elderly Patients**

*Frauke Müller, Prof Dr Med Dent  
University of Geneva, Switzerland*

Following this session, the attendee should be able to:

- Present to the patient the benefits and risks of an implant treatment.
- Design an age-adequate implant-overdenture.
- Accompany the functional decline at the onset of dependency.

When tooth loss occurs later in life, aging and multimorbidity impact dental treatment decisions. Elderly adults are often reluctant to agree to an implant insertion due to the fear of surgery and pain, even when cost is removed as a limiting factor. This presentation will describe the use of minimally invasive and simple treatment concepts for elderly, edentulous patients. It will further highlight possible complications that may arise with the onset of dependency and/or frailty. Recall and maintenance in this group of patients is crucial to ensure that patients continue to benefit from the intervention until late in life.

2:20 – 2:55 P.M.

### Prosthodontic Implant Rehabilitation of the Chronically Edentulous Patient

*Daniel F. Galindo, DDS, FACP*  
Scottsdale, AZ

Following this session, the attendee should be able to:

- Review basic surgical and restorative principles of immediately-loaded full-arch implant reconstructions for the edentulous patient based on varying individual anatomical and clinical conditions.
- Discuss the implications of the design of full-arch fixed implant reconstructions in light of treatment longevity.
- Identify the causes of biological and technical complications and how to develop protocols to avoid them, considering available scientific evidence along with clinical expertise and an understanding of patient needs and preferences.

Following decades of research and development, implant-supported full-arch fixed reconstructions have become a widely utilized treatment modality. As a result, today we treat more patients with more complex situations than before, and patients expect their dental implants and implant-supported rehabilitations to last for life. Three pillars of evidence-based patient care must be meticulously evaluated during the diagnosis, treatment planning, and maintenance phases of treatment: scientific evidence, clinical expertise, and patient needs and preferences.

2:55 – 3:10 P.M.

### Break



### Stand Out with a New Headshot

Visit the ACP Photo Booth on **Wednesday, Thursday, or Friday** to take a professional headshot in an ACP lab coat. Photos are complimentary with Annual Session registration.

We'll send you a link to download a copy of your photo and add it to the **Find a Prosthodontist** search.

#### Lab Coat Photo Booth Hours *Luster Gallerie (Upper Lobby Level)*

Wednesday, Oct. 30.....7:00 A.M. – 4:00 P.M.  
Thursday, Oct. 31.....7:00 A.M. – 4:00 P.M.  
Friday, Nov. 1.....7:00 A.M. – 4:00 P.M.





## Prognosis of the Prosthodontic Abutment: Biomechanical and Biological Considerations for Success

**3:10 – 5:10 P.M.**

Moderator: Konstantinos Chochlidakis, DDS, MS, FACP, University of Rochester  
Fontaine Ballroom (Lobby Level) • 2.00 CE

3:10 – 3:45 P.M.

### Restorative Options for the Endodontically Treated Tooth: Are We Looking at the Right Factors?

Marco Ferrari, MD, DMD, PhD  
University of Siena, Italy

Following this session, the attendee should be able to:

- Recognize when an endodontically treated tooth can be kept and useful within the proper treatment planning of each patient.
- Describe what clinical parameters are the most important to make the proper treatment plan involving also endodontically treated teeth.
- Identify clinical situations in which the use of a post is indicated and/or when it can be avoided.

Over the last 25 years, adhesive dentistry has changed dental therapy and habits of practitioners. During this presentation, an overview of adhesive-luting procedures with and without posts will be shown, along with clinical situations where the metallic post or 'no post' technique is an option for restoring endodontically treated teeth. Bonding into root canal procedures and clinical procedures for restoring endodontically treated teeth will be examined, along with a 'review' of published reviews on this topic. Also, long-term clinical results, successes, and failures of fiber posts will be reported, including the role of each endodontically treated tooth within the proper treatment plan, and the most important clinical parameters related to it.

3:50 – 4:25 P.M.

### One Prosthodontist's Perspective Regarding When to Save and When to Extract Teeth

Charles J. Goodacre, DDS, MSD, FACP  
Loma Linda University

Following this session, the attendee should be able to:

- Discuss the clinical survival rates of each treatment modality.
- Identify the factors that should be considered when determining whether to perform root canal treatment and/or periodontal treatment rather than extract a tooth and place an implant or fixed partial denture.
- Compare root canal treatment and dental implants based on biologic factors, associated procedures required, cost and cost-effectiveness, esthetics, and psychosocial factors.

This presentation will discuss the available science and the most important clinical factors used to determine whether a tooth should be retained or be extracted and replaced with a dental implant or a conventional fixed partial denture.

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4:30 - 5:10 P.M.

**Prognosis for the Periodontally Compromised Tooth: A Historical Perspective Along with Short- and Long-Term Follow-Up of Cases**

*Thomas J. Kopic, DDS, MSD  
Upland, CA*

Following this session, the attendee should be able to:

- Identify the clinical factors used in assigning prognosis.
- Summarize the historical research that leads to the modern day concept of prognosis.
- Define the new concept of periodontal diseases and host susceptibility as factors used in determining prognosis.

Establishing an accurate periodontal prognosis is paramount to clinical treatment success. Prognosis is often thought of as being static: established once, and never to change. However, periodontal therapy can alter a tooth's prognosis. This presentation will show short- and long-term instances where prognosis has changed because of appropriate therapy.

**Welcome Reception**

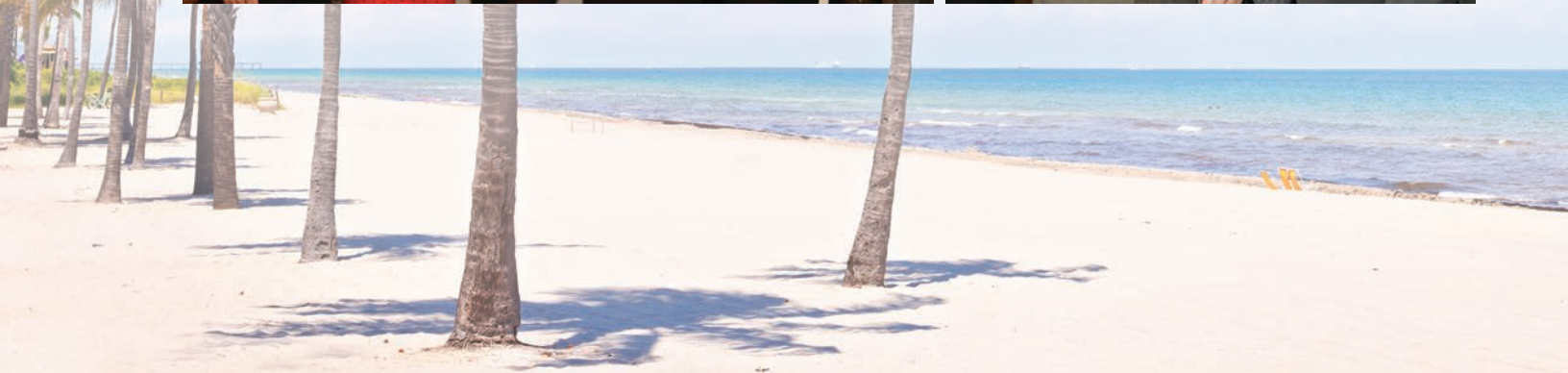
**6:00 - 8:00 P.M.**

Ocean Lawn  
Fee: \$75

Sponsored by:



Kick off your Annual Session experience at the Welcome Reception -- an evening of fun and excitement. The reception provides an excellent opportunity to network, meet old friends and colleagues, and meet new people over drinks, hors d'oeuvres, and delightful conversation. Casual attire, please.





## Quick Look

EDUCATION	7:45 – 10:00 A.M.	<b>Ceramic Materials in Prosthodontics: State of the Art</b>	Glimmer Ballroom (Fourth Floor)
EDUCATION	10:30 A.M. – 12:00 P.M.	<b>Tooth Preparation for All-Ceramic Restorations: Wagging the Dog?</b>	Glimmer Ballroom (Fourth Floor)
EVENT	12:00 – 1:30 P.M.	<b>Resident &amp; Dental Student Digital Poster Session 1</b>	Ocean Promenade East & West (Upper Lobby Level)
EDUCATION	1:30 – 3:25 P.M.	<b>Digital Dentures: Predictable Workflows for Your Practice</b>	Glimmer Ballroom (Fourth Floor)
EDUCATION	3:30 – 5:25 P.M.	<b>How to Avoid and Treat Implant Complications</b>	Glimmer Ballroom (Fourth Floor)
EVENT	5:00 – 6:30 P.M.	<b>Resident &amp; Dental Student Digital Poster Session 2</b>	Ocean Promenade East & West (Upper Lobby Level)

6:00 A.M. – 5:00 P.M.  
Luster Gallerie  
(Upper Lobby Level)

### Registration Open

7:00 A.M. – 3:00 P.M.  
Sparkle East & West  
(Upper Lobby Level)

### Exhibit Hall Open

7:00 – 7:45 A.M.  
Sparkle East & West  
(Upper Lobby Level)



### Continental Breakfast with Exhibitors



## Ceramic Materials in Prosthodontics: State of the Art

**7:45 – 10:00 A.M.**

Moderator: Marco Ferrari, MD, DMD, PhD, Livorno, Italy  
*Glimmer Ballroom (Fourth Floor) • 1.83 CE*

7:45 – 7:55 A.M.

### Opening Remarks

Nadim Z. Baba, DMD, MSD, FACP  
ACP President

Carlo Ercoli, DDS, MBA, FACP  
49th Annual Session Program Chair

7:55 – 8:00 A.M.

### American Board of Prosthodontics

David Felton, DMD, MSD, FACP  
ABP President

8:00 – 8:10 A.M.

ACP Education Foundation  
Leonard B. Kobren, DDS  
ACPEF Chair

8:10 – 8:45 A.M.

### Changing Objectives in Prosthodontics

Kenneth A. Malament, DDS, MScD, FACP  
Boston

Following this session, the attendee should be able to:

- Discuss the factors and concerns that a prosthodontist would have treating patients who require “esthetic procedures.”
- Identify the controversies that exist with modern dental materials.
- Summarize what clinical factors impact on long term survival of dental ceramic materials. The e.max lithium disilicate ceramic restoration has proven, with over 3700 restorations and 14 years, to be the most successful ceramic ever studied.

Dentistry that is esthetic, comfortable, survives long-term, and minimizes health risks to the patient is an important clinical objective. With advances in digital design, CAD/CAM, dental implants, and new generations of dental ceramics, are the basic tenets being overridden? Original research that studied the clinical behavior of well over 7000 all-ceramic restorations and specifically more than 3700 e.max lithium disilicate restorations will be presented. Complex dentistry is being resolved principally with single-unit restorations will be presented in light of the successful history in treating the complex patient with splinted metal ceramic restorations. Understanding methods to manage simple and complex restorative issues are critical to improving patient acceptance and long-term treatment success.



8:50 – 9:20 A.M.

**Full-Arch Fixed Zirconia Prosthesis: Predictable Surgical and Prosthodontic Protocols**

*Avinash S. Bidra, BDS, MS, FACP  
University of Connecticut Health Center*

Following this session, the attendee should be able to:

- Describe the surgical and prosthodontic protocols for treatment of patients with full-arch fixed zirconia prostheses.
- Identify the clinical evidence related to full-arch fixed zirconia prostheses.
- Differentiate the clinically various types of patients seeking implant-supported fixed prosthesis using the four keys to treatment planning: bone, smile, lips, and gums.

Full-arch fixed implant-supported zirconia prostheses have gained popularity over the past few years. The zirconia can be entirely monolithic, veneered only at the gingiva, or veneered at the dentition and gingiva. This presentation will review the clinical evidence, discuss surgical and prosthodontic considerations and contraindications, and review step-by-step surgical and prosthodontic techniques to treat patients with predictable success using full-arch fixed zirconia implant-supported prostheses.

9:25 – 10:00 A.M.

**The Evolution of Zirconia in the Contemporary Restorative Dental Practice**

*Ariel J. Raigrodski, DMD, MS, FACP  
Lynnwood, WA*

Following this session, the attendee should be able to:

- Describe the unique properties of traditional and newer translucent zirconia.
- Identify and apply different design concepts (monolithic, bilayered, and hybrid) for all-ceramic restorations while addressing their advantages and limitations for different clinical scenarios.
- Discuss how the advent of CAD/CAM technology supports the fabrication of such restorations.

Clinicians and dental technicians are challenged with harnessing rapidly evolving technologies and materials to provide patients with indirect restorations with superior biomechanical and optical properties. Numerous considerations must be weighed during the treatment planning phase, including material selection and restoration design for complete-coverage restorations. This presentation will briefly review the evolution of zirconia as a restorative material and provide an update on newer translucent zirconia for monolithic restorations. It will also review concepts of restoration design – monolithic, bilayered, and hybrid (partial monolithic) – for such restorations and discuss how appropriate selection of different types of zirconia and restoration design may foster successful treatment outcomes for various clinical scenarios.

10:00 – 10:30 A.M.

Sparkle East & West  
(Upper Lobby Level)



**Coffee Break with Exhibitors**

12:00 – 1:30 P.M.

Ocean Promenade East & West  
(Upper Lobby Level)

**Resident & Dental Student Digital Poster Session 1**

*Chair: Sang J. Lee, DMD, MMSc, FACP, Harvard University*

All attendees are welcome to visit the Poster Session and see the work on display. For a list of presentations, please look in your registration bag or online at [acp49.com](http://acp49.com). You may earn 2 CE credits by visiting all three sessions.

## Tooth Preparation for All-Ceramic Restorations: Wagging the Dog?

**10:30 A.M. – 12:00 P.M.** Moderator: John A. Sorensen, DMD, PhD, FACP, University of Washington  
*Glimmer Ballroom (Fourth Floor) • 1.50 CE*

10:30 – 11:00 A.M.

### **Do We Still Need to Prepare a Chamfer or a Shoulder for All-Ceramic Restorations?**

*Carlo E. Poggio, DDS, MS, PhD  
Milan, Italy*

Following this session, the attendee should be able to:

- Identify the difference between various type of margin geometry for ceramic crowns.
- Recognize basic existing literature about the use of vertical margins with ceramic crowns.
- Recall clinical applications of shoulder less full ceramic crowns.
- Discuss the use of full digital workflow with shoulder-less ceramic crowns.

Vertical margins on ceramic crowns have been tested in vitro, and several clinical papers have been published. A reevaluation of advantages and shortcomings of vertical preparation design in contemporary prosthodontics will be presented in light of clinical experience and with the support of recently published literature. The digital feather edge (DFE) protocol for a full digital workflow for ceramic crowns with feather edge margins will be presented.

11:15 A.M. – 12:00 P.M.

### **Feather Edge Preparation and Digital Workflow for Ceramic Restorations: An Innovative Treatment Concept for Veneers Restorations**

*Mario Imburgia, DDS  
Palermo, Italy*

Following this session, the attendee should be able to:

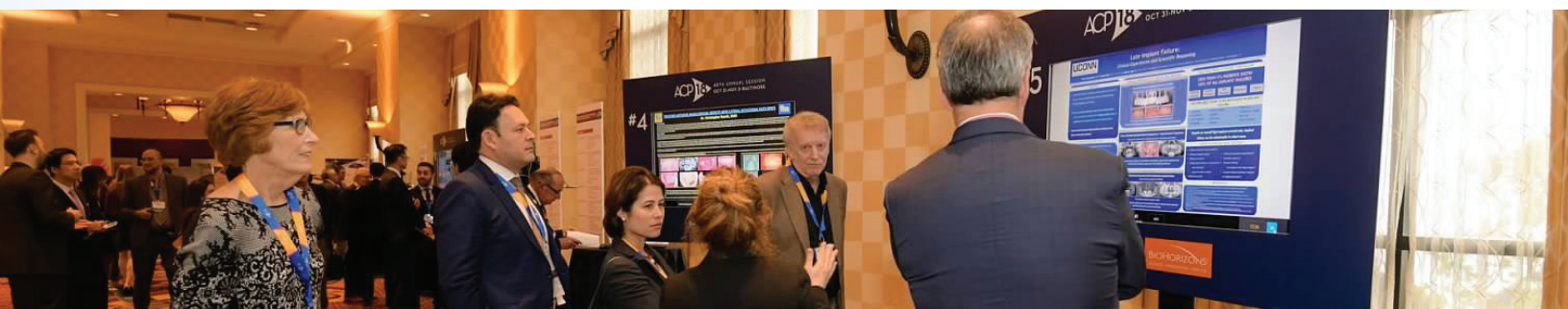
- Describe various types of ceramic veneer preparation, and the advantages and limitations of the feather edge preparation in thin restorations.
- Identify modern data collection and matching in a virtual environment.
- Digitally detect the esthetic parameters.

A challenge in restorative dentistry is to obtain excellent esthetic results while preserving the biological structures involved. Thanks to the introduction of high-strength etchable dental ceramics, clinicians and technicians have materials and procedures to restore esthetics and function through a minimally invasive approach. New generations of all-ceramic restorations and adhesive systems allow greater preservation of residual hard tooth structures, especially with regard to single elements. The digital workflow enables the dental team to control many aspects of the restorative plan, increasing the predictability and the efficiency of the treatment. The lecture will focus on a step-by-step procedure for strategic preservation of tooth structure in veneer preparation, as well as new trends and techniques in the digital workflow.

12:00 – 1:30 P.M.  
Sparkle East & West  
(Upper Lobby Level)



**Refreshment Break with Exhibitors**



## Digital Dentures: Predictable Workflows for Your Practice

1:30 - 3:25 P.M.

Moderator: Frauke Müller, Prof Dr Med Dent, University of Geneva  
*Glimmer Ballroom (Fourth Floor) • 1.92 CE*

1:30 - 2:05 P.M.

### **Intraoral Scanning: Digital Workflow for Milled and Printed Complete Dentures**

Brian J. Goodacre, DDS, MSD, FACP  
*Loma Linda University*

Following this session, the attendee should be able to:

- Discuss how to utilize intraoral scanners to streamline your digital denture workflow.
- List the clinical procedures associated with intraoral scanning of edentulous patients.
- Compare 3D printed and milled denture properties.

Intraoral scanning is applied extensively for fixed prostheses, but until recently it was underutilized for removable prostheses. Intraoral scanners can be used to capture the edentulous soft tissue as well as to digitize traditional records for complete denture patients. This presentation will demonstrate the clinical workflow and discuss the pros and cons of this emerging methodology. While 3D printed complete dentures are becoming a viable option, how do they compare to milled dentures? This presentation will compare the physical properties of milled and printed complete dentures to help determine their best applications.

2:10 - 2:45 P.M.

### **3D Printed Dentures: Technology to Change the World**

Valerie McMillan, DDS, MS  
*Dayton, OH*

Following this session, the attendee should be able to:

- Identify the basic digital denture clinical process.
- Review 3D printed denture materials and their application.
- Describe treating the complex prosthodontic patient with these methods and materials.

Removable prosthodontics is experiencing rapid change in clinical steps, materials, and manufacturing. The implications are dramatic for the patients and providers of the world. What used to be a handmade product made over hours by a skilled technician can now be made in far less time and with less skill than ever before. In this presentation we will review the changes occurring in removable denture manufacturing and the possible future role of the prosthodontist with these changes.

2:50 - 3:25 P.M.

### **Digital Dentures: The Full Spectrum**

Mark E. Ludlow, DMD, MS  
*Medical University of South Carolina*

Sponsored by:



Following this session, the attendee should be able to:

- Review the workflows for digital dentures.
- Recognize digital denture application beyond strictly removable prosthodontics.
- Identify clinically relevant applications that streamline daily practice.

As digital design and manufacturing has become more pervasive in complete denture fabrication, there is an increased demand to apply their principles in ever-more expanding clinical situations. This presentation will help demystify the full application of digital denture technology and workflows. The exploration of basic digital denture concepts along with their applications and streamlined workflows will be examined. From this base, we will apply these principles in a variety of other surgical and prosthetic applications to help simplify the clinical processes.





## How to Avoid and Treat Implant Complications

3:30 – 5:25 P.M.

Moderator: Maria Gabriela Carranza, DDS, Rochester, NY  
*Glimmer Ballroom (Fourth Floor) • 1.92 CE*

3:30 – 4:05 P.M.

### **Prevention and Management of Common Complications in the Implant Practice**

*William C. Martin, DMD, MS, FACP  
University of Florida*

Following this session, the attendee should be able to:

- Discuss clinical compromises that arise from improper implant planning.
- Investigate and troubleshoot material wear and fracture.
- Analyze how to manage abutment screw fracture and loosening.

Prosthetic complications associated with implant-assisted and supported prostheses can lead to disruption of patient flow and increased overhead. Most complications and treatment failures can be associated with: 1) sub-optimal planning and execution, resulting in compromised implant position, with or without failed implants; 2) laboratory fabrication of a durable, functional, passive, and esthetic restoration; and 3) clinical service of the prosthesis. This lecture will discuss planning and treatment options designed to prevent complications. Patient examples, illustrating both options to reduce complications and treatment of them once they have occurred, will be considered.

4:10 – 4:45 P.M.

### **Clinical Evaluation of Implant-Supported Fixed Complete Dentures: Where Do We Stand?**

*Konstantinos Chochlidakis, DDS, MS, FACP  
University of Rochester*

Following this session, the attendee should be able to:

- Discuss how the incidence of technical and biological complications affects implant-supported fixed complete dentures (ISFCDs).
- Distinguish the factors that are correlated with biological and mechanical complications.
- Identify clinical recommendations for predictable long-term outcomes with ISFCDs.

This presentation will assess the technical and biologic complication rates of implant-supported fixed complete dentures. A review of the literature will be presented in an evidence-based approach for completely edentulous patients receiving full-arch implant prostheses. Data from two recent clinical retrospective studies will be presented. The association between prosthodontic factors (number of implants, prosthetic material, cantilever length, bruxism, occlusion, and others) and the survival of these prostheses will be studied. Clinical recommendations and conclusions will be drawn for predictable long-term outcomes.

4:50 - 5:25 P.M.

**CBCT Incidental Findings: What to Look For and What to Do About Them in the Prosthodontic Practice**

*Andre Mol, DDS, MS, PhD*

*University of North Carolina at Chapel Hill*

Following this session, the attendee should be able to:

- Describe the need to evaluate the entire CBCT image volume.
- Identify common incidental findings.
- Recognize signs of significant findings.

The use of CBCT in dental practice carries with it the responsibility to evaluate the entire image volume, to report significant findings, and to manage the patient accordingly. CBCT scans can encompass a substantial portion of the craniofacial region in great detail. As a result, it is highly likely that incidental abnormal findings will be present. The majority of these findings are insignificant and do not require follow-up. However, approximately 20-40% of these findings do need follow-up. In this presentation, an overview of different types of incidental findings will be provided and categorized in terms of location, incidence, and significance.

5:00 - 6:30 P.M.

Ocean Promenade East & West  
(Upper Lobby Level)

**Resident & Dental Student Digital Poster Session 2**

*Chair: Sang J. Lee, DMD, MMSc, FACP, Harvard University*

All attendees are welcome to visit the Poster Session and see the work on display. For a list of presentations, please look in your registration bag or online at [acp49.com](http://acp49.com). You may earn 2 CE credits by visiting all three sessions.

**Exhibitor Scavenger Hunt**

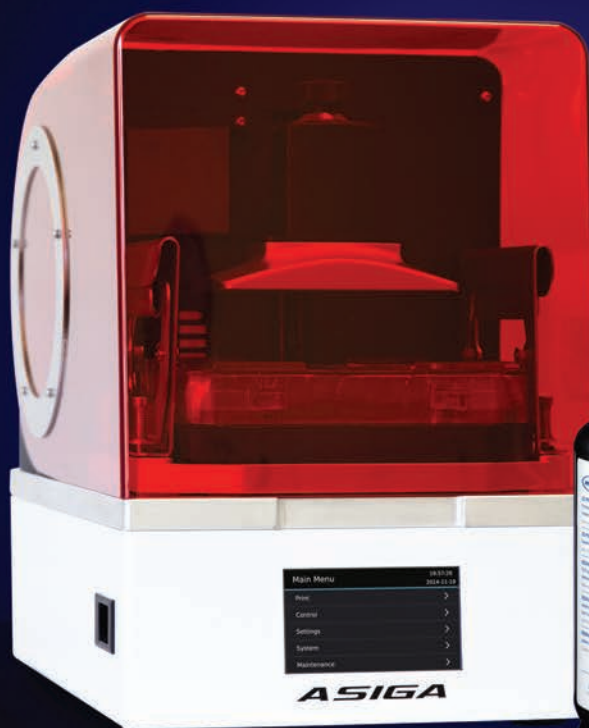
New this year, the ACP exhibit hall has a Scavenger Hunt! To play, find the game card in your registration bag, visit the participating exhibitor's booth, and answer their question to have your card marked off. Once your game card is completed, put it in the raffle drum located at the networking lounge on the show floor.

Prize drawing will occur on Friday, Nov. 2 at 1:00 P.M. in the exhibit hall. You must be present to win.

*\*The Scavenger Hunt is limited to attendees only. Exhibitors, exhibiting companies, and vendor partners are not qualified to participate.*



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## Quick Look

EDUCATION	7:45 – 10:30 A.M.	<b>Implants in the Esthetic Zone: Implant Materials, Soft and Hard Tissue Considerations</b>	Glimmer Ballroom (Fourth Floor)
EVENT	8:45 – 11:15 A.M.	<b>John J. Sharry Prosthodontic Research Competition</b>	Splash 9-12 (Upper Lobby Level)
EDUCATION	11:00 A.M. – 1:00 P.M.	<b>Digital Prosthodontic Workflows and Execution: State of the Art and Beyond</b>	Glimmer Ballroom (Fourth Floor)
EVENT	1:00 – 2:30 P.M.	<b>Resident &amp; Dental Student Digital Poster Session 3</b>	Ocean Promenade East & West (Upper Lobby Level)
WORKSHOP	12:00 – 2:00 P.M.	<b>Peer Review: Guidance and Tips from <i>Journal of Prosthodontics</i> Editors</b>	Splash 3-4 (Upper Lobby Level)
EDUCATION	2:20 – 5:10 P.M.	<b>Complex Multidisciplinary Treatment: Where Biology, Technology, and Treatment Planning Come Together</b>	Glimmer Ballroom (Fourth Floor)
EVENT	5:15 – 6:15 P.M.	<b>Resident &amp; New Prosthodontist Reception</b>	Ocean Lawn
EVENT	7:00 – 10:00 P.M.	<b>Annual Awards &amp; President's Dinner</b>	Glimmer Ballroom 1-4 (Fourth Floor)

7:00 A.M. – 4:00 P.M.  
Luster Gallerie  
(Upper Lobby Level)

### Registration Open

7:00 A.M. – 2:30 P.M.  
Sparkle East & West  
(Upper Lobby Level)

### Exhibit Hall Open

7:00 – 7:45 A.M.  
Sparkle East & West  
(Upper Lobby Level)



### Continental Breakfast with Exhibitors



## Implants in the Esthetic Zone: Implant Materials, Soft and Hard Tissues Considerations

7:45 – 10:30 A.M.

Moderator: Carlo E. Poggio, DDS, MS, PhD, Milan, Italy  
*Glimmer Ballroom (Fourth Floor) • 2.58 CE*

7:45 – 8:20 A.M.

### **Ceramic Implants: The New Kid on the Block**

Wael Att, DDS, Dr Med Dent, PhD  
*Tufts University*

Following this session, the attendee should be able to:

- Discuss the nature and composition of ceramic implants.
- Describe advantages and limitations of ceramic implants.
- Record information about current knowledge on the clinical performance of ceramic implants.

For more than 40 years, commercially pure titanium or titanium alloy has been the gold standard material for the fabrication of dental implants. Studies investigating clinical outcomes of titanium implants have shown excellent survival rates. However, concerns have been raised about the biocompatibility of titanium. While the current evidence for hypersensitivity or allergy remains very weak, ceramics have been utilized as an alternative implant material, primarily due to the favorable biocompatibility as well as mechanical properties. This presentation will provide an overview of zirconia implants, their advantages, and their limitations. In addition, the clinical performance of the zirconia implant-restoration complex will be discussed with the goal to provide clinicians with guidelines regarding the use of such implants in daily practice.

8:20 – 9:00 A.M.

### **Surgical Perspectives on Reconstructing the Anterior Maxilla for Implant Replacement**

Craig M. Misch, DDS, MDS  
*University of Florida*

Following this session, the attendee should be able to:

- Discuss the use of block bone grafts for reconstruction of the atrophic anterior maxilla.
- Review the planning of managing vertical bone deficiencies in the anterior maxilla.
- Identify the limitations of augmentation and implant replacement of multiple missing teeth in the esthetic zone.

The loss of teeth and supporting bone in the esthetic zone complicates implant replacement. Block bone grafts have been used for many years with predictable results. Tissue engineering concepts may offer alternatives to autograft harvest. However, surgically creating a natural appearance can be a challenge. In addition, there are disadvantages of augmentation procedures including surgical complexity, increased morbidity, treatment length, and cost. Many clinicians opt to replace the missing hard and soft tissue with the prostheses, but many patients dislike artificial replacement. This presentation will look at limitations of surgically reconstructing the esthetic zone and guide clinicians on implant rehabilitation with augmentation techniques.

9:05 – 9:40 A.M.

Sponsored by:



**Trends that are Changing Planning and Treatment in Periodontics and Implant Dentistry**

*Sonia Leziy, DDS, Dipl Perio, FCDS(BC), FRCD(C)*  
*North Vancouver, BC*

Following this session, the attendee should be able to:

- Discuss how digital dentistry and face-in planning are positively impacting surgical and restorative practices.
- Review the impact of immediate implant placement and restoration in guiding tissue form in both anterior and posterior regions; recognize the risks but understand the potential benefits; identify techniques and materials.
- Identify when soft tissue grafting required in implant treatment through a review of current literature and personal insights.

This presentation will review some of the emerging trends in both surgical and restorative treatment, underscoring the importance of collaborative planning between restoring dentist, technician, and surgical team members. Surgical concepts that will be reviewed include the full digital workflow, virtual planning, and guided surgery/provisional treatment, immediate implant placement and restoration strategies, and current management concepts to correct bone gingival biotype deficiencies that offer superior control over tissue contour, esthetics, and long-term stability.

9:45 – 10:20 A.M.

**Immediate Dentoalveolar Restoration (IDR) Technique: The Key for Long-term Success in Compromised Sockets in the Esthetic Zone**

*José Carlos Martins da Rosa, DDS, MSc, PhD*  
*Caxias do Sul, Brazil*

Following this session, the attendee should be able to:

- Demonstrate improvement of the practitioner's management of compromised fresh extraction sockets in esthetic zone.
- Explain the step-by-step, indications, and bone biology of the Immediate Dentoalveolar Restoration (IDR) concept.
- Describe how to harvest an autogenous bone graft from maxillary tuberosity.
- Review management of the graft and complete reconstruction of the alveolar defects with or without gingival recessions.

The immediate dentoalveolar restoration (IDR) is a surgical and prosthetic technique established to broaden indications for immediate loading on individual teeth. In this way, tissue losses with varied extensions are reconstructed in the same surgical session of implant placement and provisional crown installation, reducing the number of interventions and making esthetic aspects predictable. The IDR protocol was developed from the need to minimize the treatment time and morbidity of reconstructive procedures used in these instances. It advocates minimally invasive surgery and flapless procedures. In this presentation, we will discuss the scientific basis, the step-by-step technique, indications, and bone biology.

10:20 – 10:30 A.M.

**50th Annual Session Preview**

*Stephen I. Hudis, DDS, FACP*  
*Princeton, NJ*  
*ACP President-Elect*

*Avinash S. Bidra, BDS, MS, FACP*  
*University of Connecticut Health Center*  
*50th Annual Session Program Chair*

10:30 – 11:00 A.M.  
Sparkle East & West  
(Fourth Floor)



**Coffee Break with Exhibitors**



# Digital Prosthodontic Workflows and Execution: State of the Art and Beyond

**11:00 A.M. – 1:00 P.M.** Moderator: Vladimir Frias, DDS, Batavia, NY  
*Glimmer Ballroom (Fourth Floor) • 2.00 CE*

11:00 – 11:45 A.M.

## Digital Workflow for Complex Implant-Prosthodontic Rehabilitations

*German Gallucci, DMD, PhD  
Harvard School of Dental Medicine*

Following this session, the attendee should be able to:

- Review current trends in esthetic implant dentistry.
- Assess associated risk factor for suitable treatment planning.
- Develop treatment planning options using digital technology.

Modern esthetic restorations call for a harmonious integration with the preexisting environment. This lecture will address the clinical considerations related to digital technology, aiming to understand changes in clinical protocols when such technology is used. Recommended planning steps and treatment procedures will be presented through scientific evidence. Traditionally, these restorations were based on very accurate impression materials and sophisticated model fabrication. Today, digital technology is challenging this approach, and this presentation will explore the new restorative boundaries.

11:50 A.M. – 12:25 P.M.

## The “Virtual Patient” in Contemporary Prosthodontics Treatment

*Wei-Shao Lin, DDS  
Indiana University*

Following this session, the attendee should be able to:

- Describe technologies that could be used to collect digital diagnostic data.
- Utilize digital diagnostic data in various clinical treatment scenarios.
- Use a virtual patient to optimize the treatment planning process and clinical outcome.

This presentation will discuss how to collect digital diagnostic data in different conventional and implant prosthodontic treatment scenarios, and how to utilize this data to formulate a virtual patient and assist the treatment planning process. Lastly, different clinical examples will be shown to demonstrate various clinical workflows in realizing the digital treatment plan into actual patient treatment.

12:30 – 1:00 P.M.

## From Implant Treatment Planning to Impression to Final Prostheses: Digital Strategies for Your Practice

*Panos Papaspyridakos, DDS, MS, PhD  
Tufts University*

Following this session, the attendee should be able to:

- Describe the various applications of digital technology in implant prosthodontics.
- Discuss scientific evidence for applications of digital technology in implant dentistry.
- Review benefits and limitations of digital technology in clinical practice.

This presentation will address the current scientific status and clinical applications of digital technology in implant dentistry, including imaging, digital planning, template-guided implant placement, digital impressions with intraoral scanners, and CAD/CAM prostheses. The benefits and limitations of digital planning software will be discussed, along with efficient treatment workflows.

1:00 – 2:20 P.M.  
Sparkle East & West  
(Upper Lobby Level)



**Refreshment Break with Exhibitors**

8:45 – 11:15 A.M.  
Splash 9-12  
(Upper Lobby Level)  
2.25 CE

Sponsored by:



## John J. Sharry Prosthodontic Research Competition

Chair: Galen B. Schneider, DDS, PhD, FACP, University of Iowa

8:45 – 8:50 A.M.

### Introduction

Galen B. Schneider, DDS, PhD, FACP

8:50 – 9:10 A.M.

### Effect of Manufacturer and Laboratory Processing Variability on Pre-shaded Ceramic Color

Jin J. Xue, DMD, MS

United States Army (2019)

9:10 – 9:30 A.M.

### Effect of Screw Channel Angulation on Reverse Torque Values of Dental Implant Abutment Screws

Eric Hu, DMD, MS

United States Navy (2019)

9:30 – 9:50 A.M.

### Relationship Between Radiographic Misfit and Clinical Outcomes in Immediately Loaded Complete-Arch Fixed Implant Supported Prostheses in Edentulous Patients

Robert W. Slauch, DDS, MDSc

University of Connecticut Health Center (2019)

10:00 – 10:15 A.M.

### Break

10:15 – 10:35 A.M.

### A Stem Cell-Laden Photocrosslinkable Adhesive Hydrogel for Treatment of Peri-implantitis

Brittany Kane, DMD

University of California, Los Angeles (2021)

10:35 – 10:55 A.M.

### Flexural Strength and Fracture Toughness of Computer Aided Milled and Printed Denture Bases

Aneeqa A. Malik, DDS

The Ohio State University (2019)

10:55 – 11:15 A.M.

### Influence of Tooth Preparation Design and Scan Angulations on the Accuracy of 2 Intra-oral Digital Scanners: An In Vitro Study Based on 3-Dimensional Comparisons

Rami Ammoun, DDS, MS

Loma Linda University (2018)

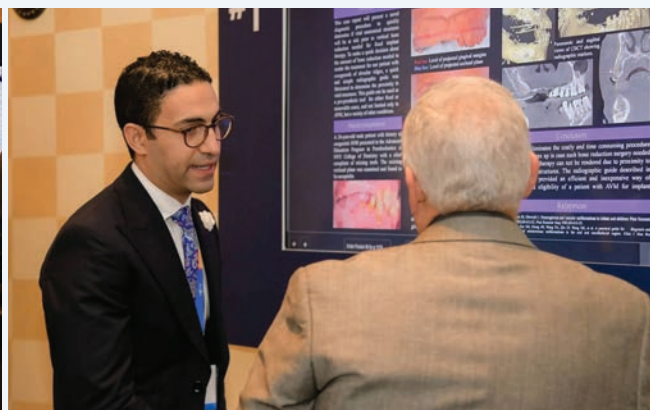
1:00 – 2:30 P.M.

Ocean Promenade East & West  
(Upper Lobby Level)

## Resident & Dental Student Digital Poster Session 3

Chair: Sang J. Lee, DMD, MMSc, FACP, Harvard University

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# Complex Multidisciplinary Treatment: Where Biology, Technology, and Treatment Planning Come Together

2:20 – 5:10 P.M.

Moderator: Carlo Ercoli, DDS, MBA, FACP, Rochester, NY  
*Glimmer Ballroom (Fourth Floor) • 2.75 CE*

2:20 – 3:00 P.M.

**Complexity Made Simple: A Systematic Approach to Severely Compromised Dentitions**  
Arturo Llobell, DDS, MS  
*University of Pennsylvania*

Following this session, the attendee should be able to:

- Evaluate current and novel approaches in fixed prosthodontics and periodontics.
- Outline planning prior to execution as the most important step of the multidisciplinary treatment sequence.
- Distinguish prosthodontic and surgical guides for success in clinical scenarios where bone augmentation or resection is needed.

The multidisciplinary management of severely compromised dentitions has evolved to improve treatment predictability and achieve longer-lasting results without excluding the fundamental aspects of esthetics and function. This presentation will detail a systematic approach involving current surgical and prosthodontic protocols through a step-by-step sequence while reviewing the scientific data supporting the different clinical scenarios. New products, approaches, and technologies will be highlighted so that they can be implemented in our daily practice today with the goal of improving our results tomorrow.

3:05 – 3:45 P.M.

Sponsored by:



**CAD/CAM in Prosthodontics: What Are My Benefits?**

Ronald E. Jung, Prof Dr Med Dent, PhD  
*University of Zurich, Switzerland*

Following this session, the attendee should be able to:

- Evaluate the safety aspects of different type of implant reconstruction and select the appropriate material and design.
- Differentiate between conventional and CAD/CAM workflows in implant prosthodontics.
- Explain the efficiency of the different type or workflows (conventional vs. CAD/CAM) and their advantages and disadvantages for the dentists and the dental technicians.
- Discuss the cost-effectiveness of different prosthetic solutions.
- Demonstrate the right decisions regarding the type and material for the restorations in the different jaw areas based on scientific and clinical data.

For successful implant treatment, long-term performance, costs, and the esthetic outcome are the main factors for the decision-making process. The digitalization process has introduced new options that help solve clinical and dental laboratory challenges. As many of these techniques are already available in clinical practice, it is of great importance to evaluate their benefits but also their drawbacks. Hence, the aim of this presentation is to discuss and compare CAD/CAM in prosthodontics from start to finish with the conventional workflow and conclude with recommendations for clinical applications.



3:50 – 4:30 P.M.

**Interdisciplinary Management and Timing of Therapy in the Adolescent Patient with Oligodontia**

*Tal Morr, DMD, MSD*

*North Miami Beach, FL*

Following this session, the attendee should be able to:

- Review stages of growth and development of the adolescent patient.
- Management of the psychological and physical development of the adolescent until they are ready for their final restorative therapy.
- Identify the timing and considerations for final restorations of these patients.
- Recognize the psychological factor of tooth replacement and its effect on decision making.

All too often we see young patients with congenitally missing teeth or teeth lost to trauma. It is paramount to consider the stages of growth and development of the adolescent patient when replacing the missing teeth with prosthetics. Timing and management of tooth replacement is critical for long-term success for these patients from both a psychological and functional perspective, as these patients are in a very important developmental stage in their life. Having a comprehensive plan based on growth and development will ensure a predictable result while allowing the patient to function normally in society.

4:35 – 5:10 P.M.

**The Evolution of Digital Dentistry: The Prosthodontist at the Center of Patient Care**

*Peter Wöhrle, DMD, MMSc, CDT*

*Newport Beach, CA*

Following this session, the attendee should be able to:

- Discuss how digital data acquisition and planning can help establish the potential outcome as well as limits of any proposed treatment.
- Describe the various entry and exit points of the digital workflow based on preference and availability of digital equipment.
- Identify how diverse digital technologies can be combined for the treatment of complex cases.

Digitally driven technology is disrupting dentistry in every phase regardless of complexity, provider, or practice setting. Are the benefits of improved diagnosis and treatment planning real? Is there a superior efficacy in delivering treatment? What are current limitations of the new technology, and which cases can be delivered using the conventional workflow more predictably? Understanding the existing technology, anticipating future trends, and working around existing gaps in digital technology will catapult the prosthodontist of the future to the center of patient care.





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Friday, Nov. 1

12:00 – 2:00 P.M.

Splash 3-4  
(Upper Lobby Level)  
2 CE

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*Please inquire at registration  
for any last minute  
cancellations.*

## Peer Review: Guidance and Tips from *Journal of Prosthodontics* Editors

Moderator: Radi M. Masri, DDS, MS, PhD, FACP, University of Maryland

This workshop, aimed at residents and early career academics, will provide valuable insight into conducting peer review, including evaluating a manuscript, writing a report for *Journal of Prosthodontics* editors, and sharing comments with authors. Speakers will include a panel of *Journal of Prosthodontics* Assistant Editors and include a hands-on reviewing workshop. Lunch will be provided.

## Resident & New Prosthodontist Reception

5:15 – 6:15 P.M. Ocean Lawn

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Welcome the new members of the specialty from across the country and make connections to someone starting out in your state or area of interest. There will be a photo booth to take fun photos with friends old and new, and Poster Session and Sharpy Competition winners will be announced. Light refreshments will be provided.





7:00 – 10:00 P.M.

Glimmer Ballroom 1-4 (Fourth Floor)

Fee: \$190

Sponsored by:



## Annual Awards & President's Dinner

Celebrate this year's accomplishments and achievements during the Annual Awards & President's Dinner. Don't miss the opportunity to enjoy an evening with colleagues and honor individuals who have made exceptional contributions to the College and the specialty. Through the support of the American Board of Prosthodontics, new ABP Diplomates who are members of the ACP will be recognized.

Dr. Nadim Z. Baba, ACP President, will present the 2019 President's Award and other Awards of Distinction. Dr. Stephen I. Hudis will be inducted as 2020 President. Cash bar will be available. Business attire, please. Advance ticket purchase required. Please inquire at registration whether tickets are still available.

## Awards of Distinction

### Distinguished Service Award: Dr. Susan E. Brackett

*Recognizing outstanding service to the College and the characteristics of a true humanitarian*

### Distinguished Researcher Award: Dr. Alireza Moshaverinia

*Recognizing outstanding contributions to academic dentistry and the sciences*

### Educator of the Year Award: Dr. Gary S. Rogoff

*Recognizing exceptional skills as a dental educator*

### Distinguished Clinician Award: Dr. Avinash S. Bidra

*Recognizing outstanding contributions to academic dentistry and the sciences*

### Dental Technician Leadership Award: Mr. Stephen F. Balshi, MBE

*Recognizing outstanding service to prosthodontics and the dental laboratory profession*

### Maj. Gen. (Ret.) Bill B. Lefler Federal Services Award: Dr. John R. Agar

*Recognizing excellence in leadership, patient care, mentorship, and service*

### Private Practice Prosthodontist Award

*Recognizing extraordinary collegiality, outreach, and community service*

Region 1: Dr. Anthony Sallustio

Region 3: Dr. Thomas J. Bloem

Region 7: Dr. Lara G. Bakaeen

### Honorary Member Recognition: Mr. Thomas M. Olsen, MBA

### Dan Gordon Lifetime Achievement Award: Dr. Howard M. Landesman

*Recognizing lifetime achievement*

### President's Award: Dr. Charles J. Goodacre

*Recognizing outstanding vision and leadership*

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## Quick Look

EVENT	7:30 – 9:00 A.M.	<b>Town Hall Breakfast Meeting</b>	Flicker 1-3 (Fourth Floor)
EDUCATION	9:00 A.M. – 12:00 P.M.	<b>Corporate-Sponsored Symposia</b>	Glimmer Ballroom (Fourth Floor)
WORKSHOP	1:00 – 5:00 P.M.	<b>The ESSENTIAL Digital Workflows for Your Modern Prosthodontics Practice</b>	Splash 9 (Upper Lobby Level)

7:30 – 9:00 A.M.  
Flicker 1-3 (Fourth Floor)

### Town Hall Breakfast Meeting

Enjoy breakfast with fellow members from your region and ACP Board members. Don't miss the opportunity to exchange ideas and share your perspective on key issues in the specialty.

9:00 A.M. – 12:00 P.M.  
Glimmer Ballroom (Fourth Floor)  
3 CE

### Corporate-Sponsored Symposia

Each session is hosted by a corporate supporter of the ACP. Attend one to earn CE credit. No advance registration is necessary.

9:00 A.M. – 12:00 P.M.



Glimmer 3-4 (Fourth Floor)

### Contemporary Materials for the Digital World

*Markus B. Blatz, DMD, PhD*

*Jonathan L. Ferencz, DDS, FACP*

*Lyndon F. Cooper, DDS, PhD, FACP*

Following this symposium, the attendee should be able to:

- Identify system workflow and integration between intraoral scanning systems and CAD/CAM milling machines.
- Recognize the advantages and limitations of the various parts of the digital workflow in a clinical setting.
- Discuss the differences in restorative material options along with the ideal application of each material.
- Describe how the digital workflow can be used to efficiently design and fabricate quality restorations.

Digital workflows enhance all clinical procedures from diagnosis to planning, to provisional prosthesis design and fabrication, and to final restorations. This program will provide an exciting overview and science of the next generation of all-ceramic materials. Innovative digital technologies along with a clinical workflow to enhance everyday practice will be discussed. This symposium will highlight the restorative materials available and the digital processes in which to produce optimal quality and esthetics.



9:00 – 10:30 A.M.



Glimmer 1-2 (Fourth Floor)

### **The Latest Evolutions and Advancements in Implant Dentistry**

*Lyndon F. Cooper, DDS, PhD, FACP*

Following this symposium, the attendee should be able to:

- Identify guidelines for prudent esthetic treatment that meets a wide range of patient expectations.
- Utilize general and lasting diagnosis and treatment planning protocols that are timeless and offer intellectual tests of new technologies.
- Discuss the growing role of digital technology in implant and restorative dental technology.

The ongoing evolution of dental implant therapy has been critical to improved patient care. Changes are reflected in incremental improvements to basic implant design features as well as modifications of surgical and prosthetic approaches in an effort to make tooth replacement therapies more predictable for our patients.

10:30 A.M. – 12:00 P.M.

### **A Conometric Concept for Implant Restorations: Retention Redefined**

*Mark Montana, DDS*

Following this symposium, the attendee should be able to:

- Differentiate the clinical and patient benefits of using friction-retained restorative options in single-tooth situations.
- Review step-by-step instructions for the treatment team.
- Recognize the role of implant biology, biomechanics, and surface technology and how it relates to longevity in successful implant therapy.
- Discuss how advancements in technology are allowing for simpler and more predictable incorporation of implant therapy into the practice.

Until now, there have been two choices for final crowns on implants: screw or cement-retained. This program will introduce a third option which truly represents the best of two worlds. The groundbreaking solution uses friction to create a retention that is permanent for the patient yet retrievable for the clinician. The streamlined procedure takes seconds rather than minutes. Join us to learn about this time-saving and easy-to-use solution that helps ensure predictable results and excellent esthetics.



9:00 A.M. – 12:00 P.M.



Glimmer 5 (Fourth Floor)

### **Introducing AvaDent Cloud-Connect: The AvaDent Digital Denture Design Program**

*Ronni A. Schnell, DMD*

*Gene Peterson, BS, CDT*

*Stephen F. Balshi, MBE*

Following this symposium, the attendee should be able to:

- Identify the training modules available in the AvaDent Digital Denture Design Program.
- Learn how to quickly design dentures using AvaDent Cloud – Connect software.
- Demonstrate through hands-on practice how to use digital denture tools for tooth set-up.
- Locate how to access and submit patient case orders to AvaDent Cloud – Connect.
- Determine how to utilize Connect EDU practice platform to teach denture tooth set-up.

AvaDent has developed a Cloud based digital denture design program that is available to all clinicians and dental technicians who desire to control their own digital denture design options. Learn how to design dentures in only 15 minutes using the software from AvaDent Cloud – Connect. This program will include an introduction to the clinical fundamentals of digital denture design and how they are translated and used within the denture design software. With Connect you can eliminate arduous tooth-by-tooth setups and improve your efficiency with this top-down design approach. Start with global setup characteristics, adjust group characteristics and then finalize your digital denture with esthetic individual tooth movement.

Additionally, there will be a demonstration of digital tooth set-up and of the AvaDent Cloud-Connect EDU, which allows dental instructors to work with students on eight different digital denture set ups. Dr. Ronni Schnell and dental lab owner Stephen Balshi, MBE will demonstrate real patient cases using the AvaDent Connect program. And, with Connect-EDU we will demonstrate features and discuss how this program can be integrated into university denture courses.

1:00 – 5:00 P.M.

Splash 9

(Upper Lobby Level)

3.75 CE

Fee: \$45

Sponsored by:



**This workshop is sold out.**

*Please inquire at registration  
for any last minute  
cancellations.*

### **The ESSENTIAL Digital Workflows for Your Modern Prosthodontics Practice**

*Barbara Jurim, DDS and Alan Jurim, DDS*

- Develop an efficient office protocol for obtaining all the digital records needed for digital treatment planning.
- Apply and practice the most predictable and efficient digital intraoral scanning workflows to improve esthetic case outcomes and patient experience.
- Examine the incorporation of 3D printing in the office environment.
- Discuss how to create digital orders and efficiently communicate with your lab using the cloud while remaining HIPAA compliant.
- Review techniques to improve full-arch bite registrations for streamlined complex case success.
- Identify how to efficiently scan for Digital Bite Splints Therapy and Implant planning.

During this interactive hands-on course, attendees will be shown how to integrate and implement new digital workflows into a modern dental practice. Using TRIOS technology, learn how to adapt your traditional practice with new digital capabilities to make dentistry exciting again for you, your staff, and your patients. Experience hands-on the intuitive digital software modules offered by 3Shape for virtual smile makeovers, digital patient monitoring, and digital implant therapies as well as the optimal use of unique tools available with today's digital technologies. See how digital workflows increases case precision and predictability while enhancing your patient excitement and case acceptance.



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## General Information

Registration	Before Sept. 23	After Sept. 23†
Member/Fellow*	\$850	\$1000
Non-Member Dentist	\$1555	\$1700
Resident/Graduate Student Member	\$325	\$475
Predoctoral Student Alliance Affiliate	\$325	\$475
Academic Alliance Affiliate	\$625	\$775
Global Alliance Affiliate	\$625	\$775
Forum Organization Member**	\$925	\$1075
Dental Technician Alliance Affiliate	\$425	\$575
Non-Affiliate Dental Technician	\$925	\$1075
Advanced Program & Graduate Student Alliance Affiliate	\$325	\$475
Dental Assistants, Hygienists, Office Staff	\$325	\$475
Exhibits Only (One Day Pass)***	\$150	\$150
Guest Registration****	\$125	\$125

### Workshops, Events, and Other Fees

Board Preparation Course	\$400 (Member) \$800 (Non-Member)
Immediate Implant Placement with Provisionalization	\$45
Peer Review: Guidance and Tips from <i>Journal of Prosthodontics</i> Editors	\$25
Media Training Course	\$25
Welcome Reception	\$75
Annual Awards & President's Dinner	\$190
The ESSENTIAL Digital Workflows for Your Modern Prosthodontics Practice	\$45

† Late Fees may be waived for Federal Services employees only. Contact the ACP for details.

\* Includes International, Active Life, Retired Life, and Honorary Members.

\*\* Members of the following Prosthodontic Forum Organizations: AAED, AAFP, AAID, AAMP, AO, AP, AES, APS, GNYAP, ITI, NGSAMD, PCSP, SCAD, and SEAP.

\*\*\* This includes a one-day Exhibit Hall pass (no access to educational programs). Must select Thursday or Friday. This is intended for dental professionals, not industry representatives.

\*\*\*\* Paid registrants may register a maximum of one guest. This includes one Exhibit Hall pass only (no access to educational programs). This is not intended for prosthodontists or other dental professionals. All dental professionals will be required to pay full registration and fees to access continuing education sessions at the meeting.



### On-site Registration Hours

Luster Gallerie (Upper Lobby Level)

Tuesday, Oct. 29.....4:00 – 7:00 P.M.

*Pre-registered attendees may pick up their badges and packets on Tuesday evening.*

Wednesday, Oct. 30..... 6:00 A.M. – 6:00 P.M.

Thursday, Oct. 31..... 6:00 A.M. – 5:00 P.M.

Friday, Nov. 1..... 7:00 A.M. – 4:00 P.M.

### ACP Resource Center Hours

Luster Gallerie (Upper Lobby Level)

Thursday, Oct. 31..... 7:00 A.M. – 4:00 P.M.

Friday, Nov. 1..... 7:00 A.M. – 4:00 P.M.

### Lab Coat Photo Booth Hours

Luster Gallerie (Upper Lobby Level)

Wednesday, Oct. 30..... 7:00 A.M. – 4:00 P.M.

Thursday, Oct. 31..... 7:00 A.M. – 4:00 P.M.

Friday, Nov. 1..... 7:00 A.M. – 4:00 P.M.

### Exhibit Hall Hours

Sparkle East & West (Upper Lobby Level)

Thursday, Oct. 31..... 7:00 A.M. – 3:00 P.M.

Friday, Nov. 1..... 7:00 A.M. – 2:30 P.M.

### Internet Access

Wi-Fi will be available within the meeting space. The network name is: **ACP Annual 2019** and the password is: **acp2019!**

### Cancellation Policy

Notice of cancellation must be made in writing and sent by email to [education@prosthodontics.org](mailto:education@prosthodontics.org) or by fax to (312) 573-1257. Refunds will be processed within two weeks of receipt in writing. All cancellations are subject to a \$50 processing fee. Refunds for meeting registration fees minus the \$50 processing fee will be given only if written notice of cancellation is received no later than Sept. 23. A 50% refund minus the \$50 processing fee will be issued if written notice is received between Sept. 23 and Oct. 7. No refunds will be issued after Oct. 7; therefore “no shows” will not be eligible for a refund. The ACP is not responsible for travel expenses or penalties under any circumstances. In the event of a cancellation by the ACP, all registrants will receive a full refund of any registration fees paid.

### Badge Reminder/Ticketed Events

All attendees must display their name badges to gain admittance to lectures, workshops, and the Exhibit Hall. If you are planning to attend any ticketed events, which include the Board Preparation Course, Media Training Course, Immediate Implant Placement Workshop, Welcome Reception, Annual Awards & President's Dinner, Peer Review Workshop, and Essential Digital Workflows

Workshop, be sure to bring your tickets to the event. Some events may be sold out in advance of the meeting. Please check at registration for availability.

### Safety and Security

It is recommended that all attendees review the safety information supplied by the hotel. As with all cities, it is recommended that you be alert and stay aware of your surroundings. The ACP is unable to hold attendees' bags, packages, briefcases, coats, laptops, and other personal items in the meeting registration area.

### Attire

Business casual (tie optional) is the recommended attire for educational sessions.

### Smoking and Vaping

The ACP maintains a non-smoking policy (including cigarettes, cigars, electronic cigarettes, pipes, and vaping devices) in all meeting rooms, social events, the Exhibit Hall, and the registration area. Please comply with the smoking policy of each individual facility.

### Alcoholic Beverages

The ACP expects all attendees to act responsibly when consuming alcoholic beverages. Consumption of alcohol by minors is prohibited.

### Age Limits

Infants and children under the age of 16 are not allowed into educational sessions, social events or the exhibit hall. This policy is due to the nature of some presentations and to ensure the safety of registrants' children. In addition, children should not be left unattended at the meeting. Your support and compliance are appreciated. Violation of these policies could result in revocation of meeting registration and removal from the meeting.

### Childcare Services

Contact the Concierge Desk at your hotel to arrange for childcare services. Arrangements should be made as early as possible prior to your anticipated arrival. ACP has no control over and assumes no responsibility for the care provided through the hotels. This information is provided solely as a service to help registrants identify possible resources for childcare services.

### Continuing Education Credit

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The American College of Prosthodontists 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 board of dentistry.



The American College of Prosthodontists is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing

education programs of this program provider are accepted by AGD for Fellowship, Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 10/31/2018 to 10/31/2021. Provider ID# 214690.

To be eligible for credits, participants must:

1. Attend the entire session
2. Evaluate the session and the speaker(s)

Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at [www.ada.org/cerp](http://www.ada.org/cerp).

### Evaluations

Participants can complete their evaluations online after the conference at [surveymonkey.com/r/ACP19Eval](https://surveymonkey.com/r/ACP19Eval).

### Code of Conduct

The ACP is dedicated to providing a safe, harassment-free, and inclusive meeting experience for all participants. Participants in ACP meetings include members, registrants, guests, staff, speakers, sponsors, exhibitors, and Board members. The ACP does not tolerate harassment of meeting participants in any form. Any violations will be taken seriously.

Harassment includes offensive comments or gestures related to gender, gender identity, age, sexual orientation, disability, physical appearance, body size, race, ethnicity, religion, technology choices, sexual images in public spaces, intimidation, stalking, following, harassing photography or recording, sustained disruption of presentation, or other events, inappropriate physical contact, and unwelcome sexual attention. Harassment can occur in real or virtual space, including social media related to the meeting.

The ACP reserves the right to determine, at its sole discretion, whether any behavior at any meeting is unacceptable and in violation of this Code of Conduct. In the event that it is determined that an individual has violated this Code of Conduct or has otherwise engaged in conduct that is deemed to be improper, prejudicial, or detrimental, the ACP reserves the right to (1) remove any such individual from an event or meeting, (2) bar any individual from attending future ACP meetings, and/or (3) suspend any such individual's membership or expel such individual from the ACP.

### Lost & Found Items

The ACP is not responsible for items lost during the meeting, nor is the ACP responsible for returning found items to attendees.

### Misuse of Name Badges

Under no circumstances is an attendee with an individual name badge permitted to give the badge to another individual who is or is not a paid attendee at the meeting. Fraudulently allowing an individual to gain access to educational sessions, social events and/or exhibits by using another's credentials is grounds for immediate removal of all parties from the meeting.

### Official Language

The official language of the meeting is English.

### Firearms

Firearms are not permitted in any portion of the official ACP meeting facilities.

### Program Disclaimer

The ACP Annual Session is an open forum for sharing information related to the field of prosthodontics. Presentation content is that of the individual speaker or group. The ACP does not recommend or endorse a specific test, product course of treatment, procedure, opinion, or other information mentioned during the ACP Annual Session.

All programs and events are subject to change and/or cancellation because of scheduling conflicts, low registration, and/or circumstances beyond the control of the ACP.

The ACP, its contractors, and attending news media may be photographing, videotaping, audio-taping, or webcasting scientific sessions and events at the Annual Session. By attending the ACP Annual Session, attendees acknowledge these activities and agree to allow their image to be used by the ACP in association publications, on the ACP's website, and in marketing and promotional materials. Photo images are made available to Annual Session attendees and may also be shared with the media. Attendees at the Annual Session waive all claims against the ACP for any liability resulting from these uses.

Only official contracted ACP vendors and working journalists with ACP approved press credentials will be permitted to photograph, video, and/or audio tape all Annual Session activities. Individuals recording with personal video/audio equipment or other recording devices (i.e. cell phones, digital or film cameras, or tape recorders) without prior permission from the ACP or without proper credentials will be asked to cease recording or using these devices immediately.





### Speaker Bios

For a full list of speaker bios, visit [acp49.com](http://acp49.com).

### Speaker Disclosures

Speaker disclosures may be found in your registration bag or online at [acp49.com](http://acp49.com).

### ACP Central Office

211 E. Chicago Ave., Suite 1000

Chicago, IL 60611

Phone: (312) 573-1260

Fax: (312) 573-1257

Email: [acp@prosthodontics.org](mailto:acp@prosthodontics.org)

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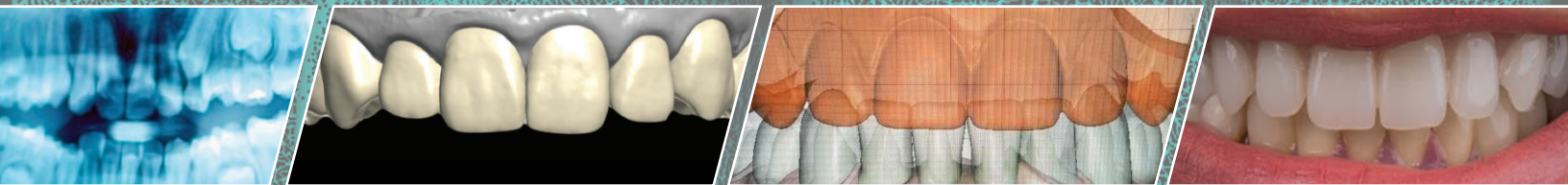
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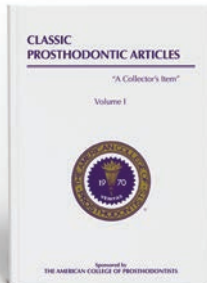
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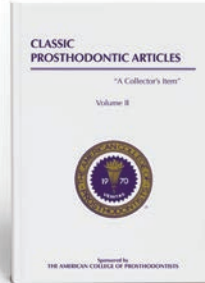


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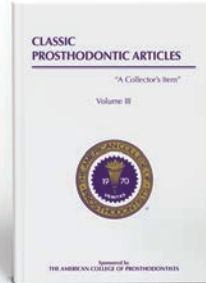
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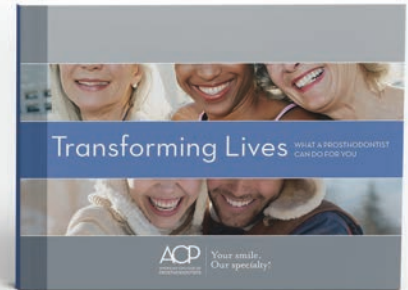
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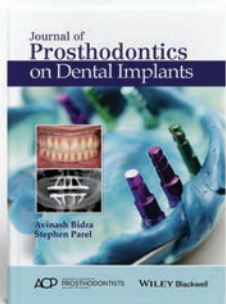
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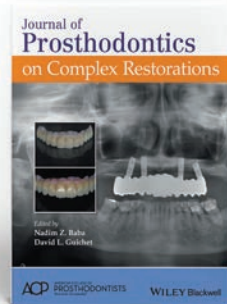
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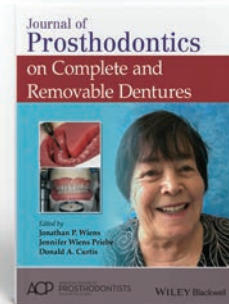
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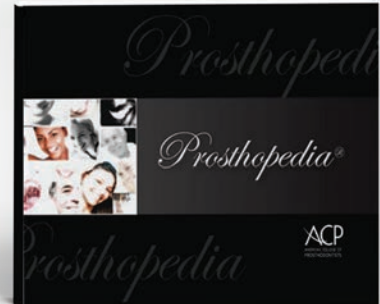
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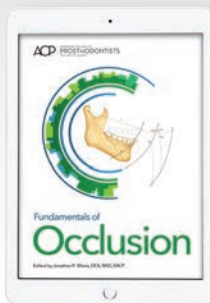
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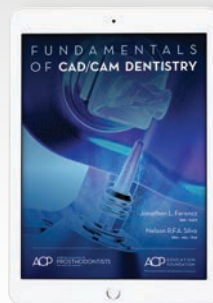
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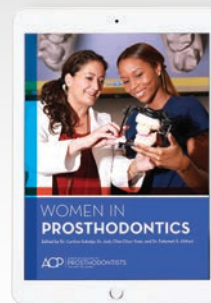
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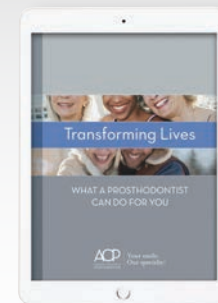
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