



49TH ANNUAL SESSION
OCT 30-NOV 2 • MIAMI

A large, illuminated white sign spelling out 'MIAMI' in all caps, set against a night-time background of palm trees and a hotel building with lights.

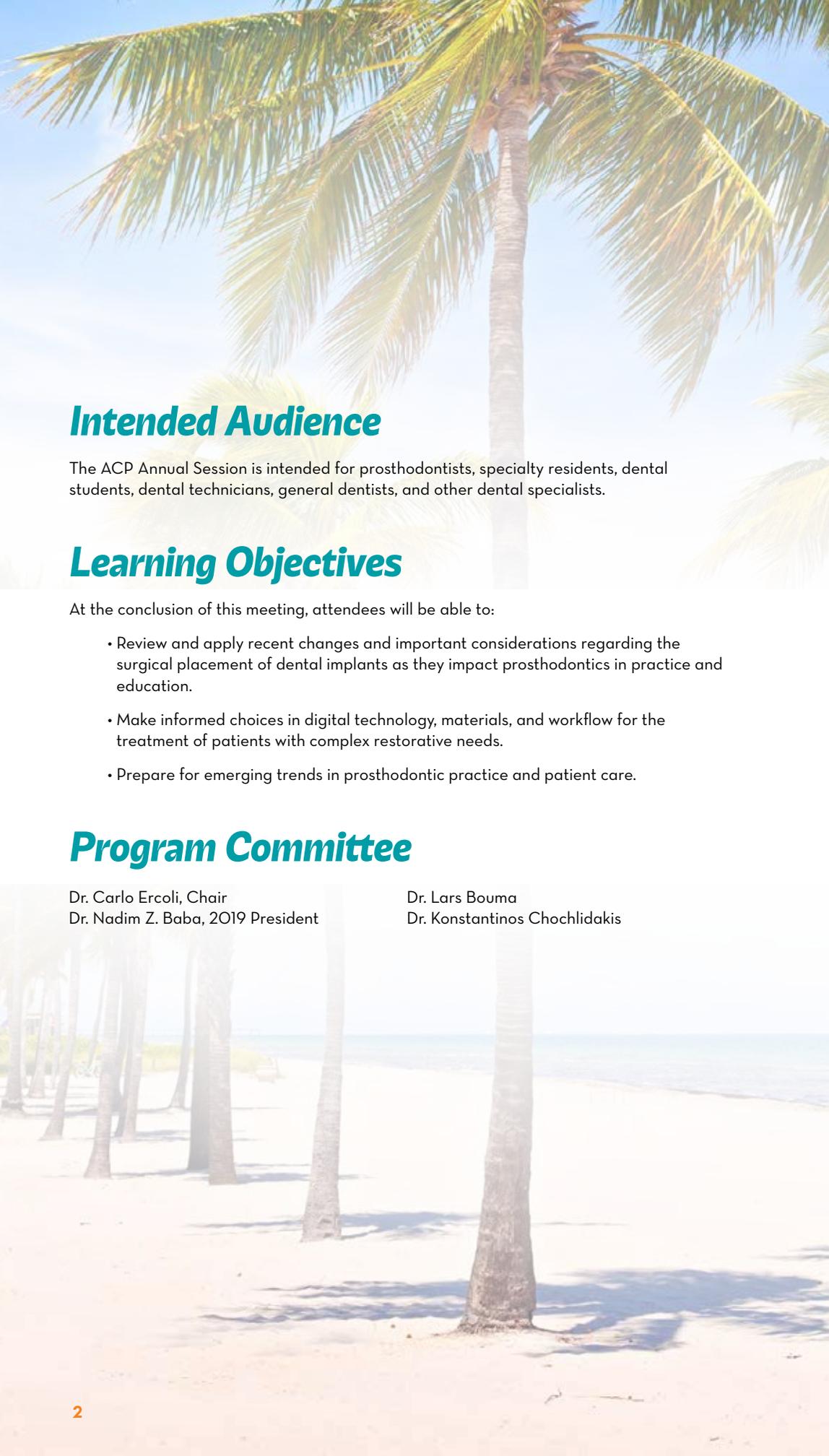
PROSTHODONTICS:

Excellence at the Crossroads of Technology and Biology

Oct. 30 - Nov. 2 • acp49.com

SPONSORS:





Intended Audience

The ACP Annual Session is intended for prosthodontists, specialty residents, dental students, dental technicians, general dentists, and other dental specialists.

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 prosthodontics in practice and education.
- Make informed choices in digital technology, materials, and workflow for the treatment of patients with complex restorative needs.
- Prepare for emerging trends in prosthodontic practice and patient care.

Program Committee

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

Dr. Lars Bouma
Dr. Konstantinos Chochlidakis

Greetings from the Program Chair

What will define prosthodontics in the future? Personally, I believe we will describe our specialty in terms of the forces that are driving us forward.

The ACP's 49th Annual Session is dedicated to **Excellence at the Crossroads of Technology and Biology**. These are the areas that have revolutionized prosthodontics, where we have embraced change. They will continue to shape our specialty and ensure our relevance in the years to come.

So, how will this program impact your career? It all comes down to who we are.

We see the whole person through the lens of time and compassion. Our speakers will discuss challenging cases involving adolescents with debilitating congenital conditions and advanced geriatric patients with multiple medical pathologies. There are millions of adults who had, at one point in their lives, checked out of dentistry, but can now thrive with the benefit of comprehensive prosthodontic care that places our fellow men and women at the center of our treatment.

We see possibilities, not barriers. We are leaders in embracing new technology and biomaterial research, but we are still in the business of saving teeth. Our speakers will explore the evidence that indicates whether a tooth should be saved to support a prosthesis – and how to save it – or when other treatments should be pursued.

We question the conventional wisdom. Our speakers will revisit guidelines for tooth preparation and for the use of biomaterials in light of recent advances in prosthodontic research. Advanced principles of tooth preparation will be reviewed through the lens of biomaterial properties and periodontal health.

We strive for improvement. Promising young leaders will step forward to show how conventional prostheses and workflows can be enhanced through the conscientious use of technology and biology, so as to usher in a new era where knowledge, skills, and evidence provide a foundation for cost-effective treatment outcomes for our patients.

We place evidence at the center of what we do. Our speakers will help you navigate through the noise and hype so common in today's world. They will explain what you need to know to make a superior diagnosis with advanced imaging and how to best implement digital workflows, and they will break down the factors that will help you avoid treatment complications.

Finally, *we lead collaboration.* Our patients benefit from insights and advances from other specialties. While we value a collaborative environment, it is often true that in complex treatments – where biology, technology, and evidence-based treatment planning come together – the prosthodontist is at the center of patient care.

I can say from experience that the Fontainebleau is an excellent venue for a meeting. For many of us, the sun has begun to retreat by the end of October; but in Miami Beach, there will be a few more days of summer – a few days to enjoy the peak of your profession.

I look forward to seeing you all in Miami!

Warmly,



Carlo Ercoli, DDS, FACP
Program Chair



Schedule at a Glance

Wednesday, Oct. 30		
WORKSHOP	7:00 A.M. - 12:00 P.M.	ACP Joint Educators Conference
WORKSHOP	7:00 A.M. - 4:45 P.M.	Board Preparation Course
WORKSHOP	1:00 - 4:00 P.M.	Immediate Implant Placement with Provisionalization
EDUCATION	1:00 - 2:55 P.M.	Prosthodontic Treatment of the Severely Compromised Patient
WORKSHOP	1:00 - 2:30 P.M. 3:00 - 4:30 P.M.	Media Training Course
EDUCATION	3:10 - 5:10 P.M.	Prognosis of the Prosthodontic Abutment: Biomechanical and Biological Considerations for Success
EVENT	6:00 - 8:00 P.M.	Welcome Reception

Thursday, Oct. 31		
EDUCATION	7:45 - 10:00 A.M.	Ceramic Materials in Prosthodontics: State of the Art
EDUCATION	10:30 A.M. - 12:00 P.M.	Tooth Preparation for All-Ceramic Restorations: Wagging the Dog?
EVENT	12:00 - 1:30 P.M.	Resident & Dental Student Digital Poster Session
EDUCATION	1:30 - 3:25 P.M.	Digital Dentures: Predictable Workflows for Your Practice
EDUCATION	3:30 - 5:25 P.M.	How to Avoid and Treat Implant Complications
EVENT	5:00 - 6:00 P.M.	Resident & Dental Student Digital Poster Session
EVENT	5:30 - 6:30 P.M.	ACPEF Donor Recognition Reception

Friday, Nov. 1		
EDUCATION	7:45 - 10:30 A.M.	Implants in the Esthetic Zone: Implant Materials, Soft and Hard Tissue Considerations
EVENT	8:45 - 11:30 A.M.	John J. Sharry Prosthodontic Research Competition
EDUCATION	11:00 A.M. - 1:00 P.M.	Digital Prosthodontic Workflows and Execution: State of the Art and Beyond
EVENT	1:00 - 2:20 P.M.	Resident & Dental Student Digital Poster Session
WORKSHOP	12:00 - 2:00 P.M.	Peer Review: Guidance and Tips from <i>Journal of Prosthodontics</i> Editors
EDUCATION	2:20 - 5:10 P.M.	Complex Multidisciplinary Treatment: Where Biology, Technology, and Treatment Planning Come Together
EVENT	5:15 - 6:15 P.M.	Resident & New Prosthodontist Reception
EVENT	7:00 - 9:00 P.M.	Annual Awards & President's Dinner

Saturday, Nov. 2		
EVENT	7:30 - 9:00 A.M.	Town Hall Breakfast Meeting
EDUCATION	9:00 A.M. - 12:00 P.M.	Corporate-Sponsored Symposia
WORKSHOP	1:00 - 4:00 P.M.	The ESSENTIAL Digital Workflows for Your Modern Prosthodontics Practice

Prosthodontic Treatment of the Severely Compromised Patient

1:00 - 2:55 P.M.

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*

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*

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 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

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

3:10 - 5:10 P.M.

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*

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*

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.

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*

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.

Fee: \$75

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



Pre-Conference Workshops

7:00 A.M. - 12:00 P.M.

ACP Joint Educators Conference

The American College of Prosthodontists and the ACP Education Foundation are pleased to support a gathering of predoctoral and postdoctoral prosthodontic educators.

Sponsored in part by educational grants from:



7:00 A.M. - 4:45 P.M.

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

Board Preparation Course

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

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 or Android is included with registration.

7:00 - 7:30 A.M.



Breakfast

7:30 - 7:40 A.M.

Introduction & Welcome

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

*Avinash S. Bidra, BDS, MS, FACP
Course Director*

7:40 - 8:20 A.M.

Section A: Computerized Written Examination

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

8:20 - 9:00 A.M.

Dental Materials

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

9:00 - 9:20 A.M.



Coffee Break

9:20 - 10:00 A.M.

Simplifying Occlusal Concepts

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

10:00 - 10:40 A.M.

Section D: Implant-Based Presentation and Oral Exam

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

10:40 - 11:00 A.M.



Coffee Break

11:00 - 11:20 A.M.

Study Guide App

Stephen A. Wagner, DDS, FACP

Albuquerque, NM

Mark Heiden, MS

ACP Central Office

11:20 A.M. - 12:00 P.M.

Restoration of Endodontically Treated Teeth

Charles J. Goodacre, DMD, MSD, FACP

Loma Linda University

12:00 - 12:45 P.M.

Questions and Answers: The American Board of Prosthodontics

David A. Felton, DMD, MS, FACP

ABP President

Thomas J. McGarry, DDS, FACP

ABP Vice President

12:45 - 1:45 P.M.



Lunch

1:45 - 2:25 P.M.

Section B: Part 2 Treatment

Florian R. Kernen, Dr Med Dent, MDSc, FACP

Basel, Switzerland

2:25 - 3:05 P.M.

Section B: Part 3 Treatment

Akanksha Srivastava, BDS, MDSc, FACP

University of Texas

3:05 - 3:25 P.M.

Break

3:25 - 4:05 P.M.

Section B: Part 4 Treatment

Saad S. AlResayes, BDS, MS, FACP

Loma Linda University

4:05 - 4:45 P.M.

Section C: Scenario-Based Oral Examination Tips for Preparation

Jefferson L. Clark, DDS, MS, FACP

Roseville, California

Pre-Conference Workshops

1:00 - 4:00 P.M.

Fee: \$45

Sponsored by:



Space is limited and early registration is recommended.

Immediate Implant Placement with Provisionalization

Speaker: Bobby Hardeep S. Birdi, DMD, MS, FRCD (C)

This workshop will feature some of our 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 our On1 Concept.

1:00 - 2:30 P.M.

3:00 - 4:30 P.M.

Fee: \$25

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.



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.

Ceramic Materials in Prosthodontics: State of the Art

7:45 - 10:00 A.M.

7:00 - 7:45 A.M.



Continental Breakfast with Exhibitors

7:45 - 8:00 A.M.

Opening Remarks

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

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

8:00 - 8:05 A.M.

American Board of Prosthodontics

*David Felton, DDS, MSD, FACP
ABP President*

8:05 - 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*

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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*

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*

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.



Coffee Break with Exhibitors

Invite Your Referral Network

When potential referral sources see the state-of-the-art solutions and advances in technology, materials, and treatment planning on display at the ACP Annual Session, they'll understand the complex problems you can solve and the advanced patient care that you can deliver. This meeting is a great opportunity to increase referrals and improve collaboration by inviting dental professionals from your referral network to attend as your guests.

Members may sponsor non-prosthodontist dentists to attend the Annual Session at a discounted rate - only \$700 each. Download the referral form from acp49.com. Return the form by email to education@prosthodontics.org; by fax to (312) 573-1257; or by mail with check to: American College of Prosthodontists, 5198 Eagle Way, Chicago, IL 60678-5198.



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

10:30 A.M. - 12:00 P.M.

10:30 - 11:10 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*

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 Veneer Restorations

*Mario Imburgia, DDS
Palermo, Italy*

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.



Refreshment Break with Exhibitors

Digital Dentures: Predictable Workflows for Your Practice

1:30 - 3:25 P.M.

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*

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, Ohio*

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*

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.

3:30 - 4:05 P.M.

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Prevention and Management of Common Complications in the Implant Practice

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

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, FACP
University of Rochester*

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*

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.

Thursday, Oct. 31

ACPEF Donor Recognition Reception

5:30 - 6:30 P.M.

Sponsored by:



The ACP Education Foundation invites all donors to celebrate this year's accomplishments and learn more about how their contributions further the mission of the Foundation. Please look for your invitation this summer.



Sponsored by:



Resident & Dental Student Digital Poster Session

Moderator:

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

Residents and dental students are invited to present an e-poster, which can focus on research results, clinical outcomes, laboratory techniques, or topics of general interest to ACP members or guests. For details and to apply, visit acp49.com. Applications are due Sept. 13. Sessions will be held Thursday and Friday.



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

7:45 - 10:30 A.M.

7:00 - 7:45 A.M.



Continental Breakfast with Exhibitors

7:45 - 8:15 A.M.

Ceramic Implants: The New Kid on the Block

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

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*

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*

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*

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
ACP President-Elect*

*Avinash S. Bidra, BDS, MS, FACP
50th Annual Session Program Chair*

10:30 - 11:00 A.M.



Coffee Break with Exhibitors

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

11:00 A.M. – 1:00 P.M.

11:00 – 11:45 A.M.

Digital Workflow for Complex Implant-Prosthodontic Rehabilitations

German Gallucci, DMD, PhD

Harvard School of Dental Medicine

Modern esthetic restorations call for a harmonious integration with the preexisting environment. During this lecture, we will address the clinical considerations related to digital technology, aiming to understand current 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

This presentation will discuss how to collect the digital diagnostic data in different conventional and implant prosthodontic treatment scenarios. In addition, how to utilize these digital data to formulate a virtual patient and assist the treatment planning process will be covered. 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

Digital technology is gaining popularity in all aspects of implant dentistry. The applications include imaging, digital planning, template-guided implant placement, digital impressions with intraoral scanners, and CAD/CAM prostheses. Digital planning software for treatment planning, digital impressions, and 3D printers are integrated with CAD/CAM technology for efficient treatment workflow. This presentation will address the current scientific status and the clinical applications of digital technology in implant dentistry as well the benefits and limitations.

1:00 – 2:20 P.M.



Refreshment Break with Exhibitors

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

2:20 - 5:10 P.M.

2:20 - 3:00 P.M.

Complexity Made Simple: A Systematic Approach to Severely Compromised Dentitions

*Arturo Llobell, DDS, MS
University of Pennsylvania*

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.

CAD/CAM in Prosthodontics: What Are My Benefits?

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

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*

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*

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.

Workshops & Events

8:45 - 11:30 A.M.

Sponsored by:



Advancing prosthodontics through education and research

John J. Sharry Prosthodontic Research Competition

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

The John J. Sharry Prosthodontic Research Competition is held to stimulate and acknowledge original research in prosthodontics by residents. Abstracts are due by May 31. Visit acp49.com for guidelines and more information.

12:00 - 2:00 P.M.

Fee: \$25

Sponsored by:

WILEY

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.

Friday, Nov. 1

Resident & New Prosthodontist Reception

5:15 - 6:15 P.M.

Sponsored by:



Mix and mingle with your co-residents and colleagues from across the country and celebrate recent accomplishments. Light refreshments will be provided.



Annual Awards & President's Dinner

7:00 - 9:00 P.M.

Fee: \$190

Sponsored by:



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. New ACP Fellows will be recognized. ACP President Dr. Nadim Z. Baba will present the 2019 President's Award and other Awards of Distinction. Dr. Stephen I. Hudis will be inducted as 2020 President. Business attire, please.



7:30 - 9:00 A.M.

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.

Corporate-Sponsored Symposia

Attendees may receive CE credit by attending professional symposia presented by:



Visit acp49.com for more details.

1:00 - 4:00 P.M.

Fee: \$45

Sponsored by:

3shape 

The ESSENTIAL Digital Workflows for Your Modern Prosthodontics Practice

Barbara Jurim, DDS and Alan Jurim, DDS

This interactive hands-on course will show you how to integrate and implement new digital workflows into your 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.

Registration & General Information



Visit acp49.com to register online or download registration forms.

	Before Sept. 23	After Sept. 23*
Member/Fellow*	\$850	\$1000
Non-Member Dentist	\$1555	\$1705
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
The ESSENTIAL Digital Workflows for Your Modern Prosthodontics Practice	\$45
Welcome Reception	\$75
Annual Awards & President's Dinner	\$190

† 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, AAFF, 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

Tuesday, Oct. 29 4:00 – 7:00 P.M.
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.

Lab Coat Photo Booth Hours

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.

Join, Register, and Save!

One of the benefits of membership in the ACP is highly discounted registration fees for continuing education courses, including the Annual Session. To join or reinstate your membership in the ACP, please contact the Membership Department at acp@prosthodontics.org or (312) 573-1260.

Register Early

Complete your registration form online or mail/fax by Sept. 23 for the best rate. Registration forms postmarked, date-stamped, or received after this date will be processed as an on-site registration and will incur an additional \$150 fee. All registrations must include payment to be processed. Workshop and event tickets are limited and may not be available for purchase on-site.

Confirmation and Badges

After your registration form or online registration has been processed, an official confirmation will be sent via email. All badges and registration materials will be held for you at the on-site registration desk.

Kosher Meals

Kosher meals are available upon request. To request kosher meals, please email education@prosthodontics.org or call (312) 573-1260.

Attire

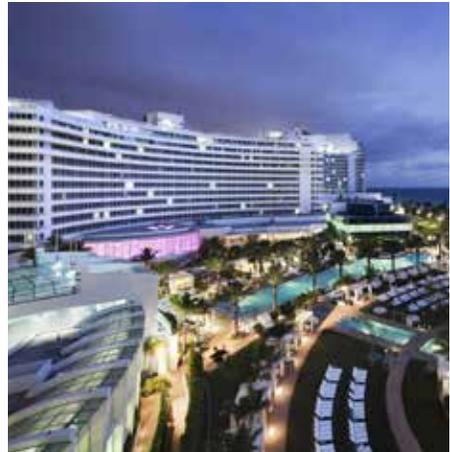
Business casual (tie optional) is the recommended attire for educational sessions.

Children

Children up to the age of 18 must be accompanied by an adult at all times. Children are not allowed in the Exhibit Hall or education sessions, but may attend social events with ticket purchase.

Hotel Information

Fontainebleau Miami Beach
4441 Collins Ave
Miami Beach, FL 33140



Group Rate: Starting at \$299 single/double exclusive of applicable taxes. Other room types/upgrades are also available. The deadline to receive the ACP group rate is Sept. 30.

Reserve your room by going to: <https://book.passkey.com/go/ACPA1019> or by calling (800) 548-8886. Please refer to the American College of Prosthodontists 2019 Meeting to receive the group rate.

Please note that the ACP holds rooms based on past attendance history. All meeting attendees are urged to reserve their rooms early. The ACP cannot guarantee that the block will not sell out prior to the Sept. 30 deadline.

Cancellation Policy

Notice of cancellation must be made in writing and sent by email to 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.

Continuing Education Credit

24 credit hours are available at the 2019 Annual Session. This includes the education sessions, the Resident & Dental Student Digital Poster Session, and the Corporate-Sponsored Symposia.



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 boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/cerp.

The American College of Prosthodontists is designated as an Approved PACE Program Provider



by the Academy of General Dentistry. The formal continuing dental 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 11/1/2018 to 10/31/2021. Provider ID#: 214690.

The American College of Prosthodontists is a National Board



of Certification in Dental Laboratory Technology (NBC) approved continuing education provider for dental technicians. Continuing education credit awarded for participation in the CE activity may not apply toward license renewal in all states. It is the responsibility of each participant to verify the requirements of his/her state licensing board(s) and submit the form provided by the ACP to receive credit.

Program Disclaimer and Code of Conduct

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 does not recommend or endorse a specific test, product, course of treatment, procedure, opinion, or other information mentioned during the ACP Annual Session. The ACP, its contractors, and attending news media may be photographing, videotaping, audio-taping, or webcasting education 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 education sessions, the Exhibit Hall, pre-conference sessions, and events. 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.

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 and handled in accordance with the ACP's code of conduct policy, which is posted at acp49.com.

Thank you to our sponsors!

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**Register
by Sept. 23
and Save!**



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OCT 30-NOV 2 • MIAMI**

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