Brings the Implant World to SAN DIEGO

66th Annual Conference

October 11 – 14, 2017
Hilton San Diego Bayfront

Practical Education for the Practicing Implant Dentist®

- Share techniques with implant dentists at full-day Global Symposium
- Spark your passion through more than 25 hands-on workshops
- Identify, treat, and avoid complications
- Picture patient treatment clearer through digital dentistry

Register by September 12, 2017
Save $100

Full-day optional tracks available including:
Sedation, cadaver course, and more!

Earn at least 20 hours of implant-specific CE
OsteoGen® Plug

One Step Bone Grafting Solution for Socket Preservation Without the Need for a Membrane

OsteoGen® Non-Ceramic Bone Graft

Type I Bovine Achilles Tendon Collagen

At only $50 per piece, the Impladent Ltd OsteoGen® Bone Grafting Plug is the one step solution for socket preservation that combines bone graft with a collagen plug to yield the easiest and most affordable way to deliver bone graft for ridge preservation, all without the need for a membrane!

Clinical Case Example

Clinical images courtesy of German Murias DDS, ABOLID

Tooth #15: set to be extracted

The surgical site was initially debrided to induce bleeding and establish the Regional Acceleratory Phenomenon

Insert Large or Slim sized OsteoGen® Bone Grafting Plugs and allow blood to absorb

Two Slim OsteoGen® Plugs are in place. Suture over top of socket to contain. No membrane is required.

OsteoGen® is a low density bone graft and the OsteoGen® Plugs will show radiopaque on the day of placement.

As the OsteoGen® crystals are resorbed and replaced by host bone, the site will become radiopaque.

The collagen promotes keratinized soft tissue coverage while the OsteoGen® resorbs to form solid bone. In this image, a core sample was retrieved.

Implant is placed. Note the histology showing mature osteocytes in lamellar bone formation. Some of the larger OsteoGen® crystals and clusters are slowly resorbing. Bioactivity is demonstrated by the high bone to crystal contact, absent of any fibrous tissue encapsulation.

Contact 800-526-9343 or Shop Online at www.impladentltd.com

More than 1,000 implant dentistry professionals are expected to travel from around the world to learn from the top experts in implant dentistry, as well as from each other, over three- and one-half days. A full-day of presentations by clinicians from a dozen different countries will comprise our Leonard Linkow Memorial Global Symposium on Friday, October 13.

Over two-dozen limited attendance seminars and hands-on workshops will supplement 20 hours of Main Podium presentations. An outstanding program for your Team has been planned and will include eight different presenters over two days.

AAID is also known for its broadcast of live surgery with simultaneous commentary from the surgeon, as well the opportunity for you to ask questions during the procedure. This year is no exception.

Practical education for the practicing implant dentist™ is not just a catchy slogan. It is the brand promise of the AAID’s educational offerings. You will learn through didactic and hands-on sessions, and just as valuable, through the interaction with peers in the halls and at the social events during the Conference.

Bring home what you learn and put it to use immediately in your practice.

See you in San Diego, October 11 – 14, 2017.

Shankar Iyer, DDS, FAAID, DABOI/ID
President, American Academy of Implant Dentistry
WEDNESDAY, OCTOBER 11, 2017

NEW TRENDS | MORNING 8:20 AM – 11:40 AM | PAGES 12-15

Marginal Bone Stability around Dental Implants
Sponsored by Bicon Dental Implants, Gold Sponsor
Jihad Abdallah, BDS, MScD, FAAID, DABOI/ID

Modern Implant Success
Sponsored by Nobel Biocare, Presidential Sponsor
Kyle Stanley, DDS

New Innovations in 3D CBCT Imaging to Surgical Guides for Implant Dentistry
Sponsored by Neobiotech USA, Diamond Sponsor
Jeffrey H. Brooks, DMD

Modern Techniques of Successful Bone Graft and Sinus Lift Surgery
Sponsored by Neobiotech USA, Diamond Sponsor
Dennis Smiler, DDS, MScD, AFAAID

4D Guided Implantology: A Biological Approach to Functional and Esthetic Implant Outcomes
Sponsored by MIS Implants Technologies, Presidential Sponsor
Yong-Han Koo, DDS

One-Step Ridge Preservation using OsteoGen® Bone Grafting Plugs without a Membrane: Scientific Review and Surgical Protocol
Sponsored by Impladent Ltd., Presidential Sponsor
Maurice Valen

Full-Arch Implant Restorations: Monolithic Zirconia or Acrylic Hybrids?
Sponsored by Glidewell Dental, Presidential Sponsor
Paresh Patel, DDS

Amnion-Chorion Allografts, Updated Scientific Rationale and Clinical Applications in Dental-Oral Maxillofacial Surgery
Sponsored by Snoasis Medical, Gold Sponsor
Dan Holtclaw, DDS, MS

New Concepts in the Combined Treatment of Severely Compromised Implant Cases
Sponsored by Intra-Lock International, Presidential Sponsor
Robert J. Miller, DDS, FAAID, DABOI/ID

The topic and presenter for the following presentations will be announced before the commencement of the New Trends, Techniques and Technology presentation. Check online at aaid.com for updates.
Sponsored by Zimmer Biomet Dental, Gold Sponsor

WEDNESDAY, OCTOBER 11, 2017

MAIN PODIUM | AFTERNOON 1:00 PM – 6:00 PM | PAGES 18-19

The Use of rhBMP-2 for Alveolar Ridge Augmentation
Michael Pikos, DDS, AFAAID, DABOI/ID

Implant Dentistry for Compromised Clinical Cases without Bone Grafting
Georgios Romanos, DDS, PhD

Safe and Easy Sinus Lifting Technique
Jun Shimada, DDS, PhD

Predictable Restoration of Alveolar Bone
O: Hilt Tatum, DDS, FAAID, DABOI/ID

Embryomimetic Regeneration: New Concepts for Osseointegration
Martin Chin, DDS

HANDS-ON WORKSHOPS | AFTERNOON 1:00 PM – 4:00 PM | PAGES 28-29

W1: Full-Arch Guided Surgical Denture Conversion to a Fixed Prosthesis Technique
Bart Silverman, DMD, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

W2: Full-Arch Rehabilitation Utilizing Tilted Implants from a Surgical and Prosthetic Perspective
Sponsored by Neodent USA, Presidential Sponsor
Alexandre Molinari, DDS, MSc, PhD
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

W3: Transcrestal Approach Sinus Augmentation with CAS-Kit: Overcoming Common Vertical Ridge Deficiency in Posterior Maxilla
Sponsored by Hiossen, Inc., Gold Sponsor
David Chong, DDS, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

SEMINARS | AFTERNOON 1:00 PM – 5:30 PM | PAGE 46

S1: Stop Being Mediocre: Five Things You Need to Do Today to Improve Your Website and Online Marketing (1:00 pm – 4:00 pm)
Sponsored by Advice Media, Gold Sponsor
Chad Erickson
FEE: NO CHARGE
LIMITED TO 50 PARTICIPANTS

S2: How to Write a Scientific Paper
(1:00 pm – 3:00 pm)
James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID
FEE: NO CHARGE
LIMITED TO 30 PARTICIPANTS

S3: How to Edit or Review a Scientific Paper
(3:30 pm – 5:30 pm)
James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID
FEE: NO CHARGE
LIMITED TO 30 PARTICIPANTS
SCIENTIFIC PROGRAMS AT A GLANCE

THURSDAY, OCTOBER 12, 2017

MAIN PODIUM | ALL DAY 8:00 AM – 5:30 PM | PAGES 20-21

Recent Advancements in Graftless Solutions, Zygomatic, and Tilted Implants
Paulo Malo, DDS, PhD

Strategic Vertical Guided-Bone Regeneration in the Esthetic Zone: The Final Millimeters
Joseph Kan, DDS, MS, AFAAID

Digital Technology: Material Options and Design Considerations for Implant-Supported Restorations
Michael Bergler, CDT, MDT

Trabecular Metal™ Technology from Orthopedics to Dental Implantology
Suheil M. Boutros, DDS, MS, DABOI/ID

Soft Tissue Manipulation and Papillae Re-creation: The Keys for Success
Patrick Palacci, DDS

HANDS-ON WORKSHOPS | MORNING 8:00 AM – NOON | PAGES 30-32

W4: Hands-on Surgical and Prosthetic Exercises: Implant Training from Singles To Overdentures
Joseph A. Leonetti, DMD, FAAID, DABOI/ID
Alvaro Gracia, DMD, FAAID, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

W5: Osseodensification: Optimize the Site – Optimize the Outcome
Bernee Dunson, DDS, FAAID, DABOI/ID
Salah Huwais, DDS, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

W6: Peri-implantitis: Technology is the Key to Treatment
Ed Kusek, DDS, FAAID, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

W7: The Value of Safety and Precision in Prosthetically Driven Guided Implantology: Simplicity & Predictability
Sponsored by MIS Implants Technologies, Presidential Sponsor
Yong-Han Koo, DDS
Miguel D. Vidal, DMD, MS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

W8: Digital Photography and Radiography: Optimal Case Presentation for AAID Credentialing and Beyond (8:00 am – 10:00 am)
Cheryl A. Pearson, DMD, FAAID, DABOI/ID
FEE: NO CHARGE
LIMITED TO 50 PARTICIPANTS

W9: Incorporating Biologics, PRF, AFG, and CGF, to Predictably Enhance Crestal and Lateral Window Sinus Grafting Procedures Using Neobiotech’s SCA and SLA Sinus Kits
Jason Kim, DDS, FAAID, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 Participants

SEMINAR | MORNING 8:00 AM – NOON | PAGE 47

S4: Simplifying Full-Arch
Frank R. LaMar, DDS
FEE: $99 ($119 AFTER 9/12/17)
LIMITED TO 30 PARTICIPANTS

TEAM PROGRAMS | MORNING 8:00 AM – NOON | PAGE 57

Successful Marketing and Management of the Implant Practice
Irv Lubis, DMD

Incorporating Digital Dentistry into the Team
Adam Foleck, DMD, FAAID, DABOI/ID

LIVE SURGERY | AFTERNOON 1:30 PM – 5:30 PM | PAGE 50

3D Printing
SURGEON: Jaime Lozada, DMD, FAAID, DABOI/ID
MODERATOR: Antoanela Garbacea, DDS, MSD, FAAID, DABOI/ID

HANDS-ON WORKSHOPS | AFTERNOON 1:30 PM – 5:30 PM | PAGES 32-34

W10: Successful Bone Graft and Sinus Lift Surgery: Hands-On Workshop Using Anatomic Models
Sponsored by Neobiotech USA, Diamond Sponsor
Dennis Smiler, DDS, MScD, AFAAID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

W11: Hands-on Digital Treatment Planning and Guided Surgery
Sponsored by Nobel Biocare, Presidential Sponsor
Kyle Stanley, DDS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

W12: One-Step Alveolar Ridge Preservation Using OsteoGen™ Bone Grafting Plugs without a Membrane Plus Advanced Surgical Concepts in Bone Regeneration
Sponsored by IMPLAVENT LTD, Presidential Sponsor
Robert J. Miller, DDS, FAAID, DABOI/ID
Timothy Kasinski, DDS, FAAID, DABOI/ID
E. Richard Hughes, DDS, FAAID, DABOI/ID
Adj. Prof. Maurice Valen
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

W13: Full-Arch Implant Solutions from Overdentures to Fixed Ceramics
Sponsored by Glidewell Dental, Presidential Sponsor
Jack Hahn, DDS, FAAID, DABOI/ID
Siamak Abai, DDS, MS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

W14: Socket Preservation, Ridge Regeneration and Implant Surgery Utilizing Bone Allografts
Matt Young, DDS, FAAID, DABOI/ID
Christopher Petrush, DDS, AFAAID, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS
THURSDAY, OCTOBER 12, 2017

SEMINARS | AFTERNOON 1:30 PM – 5:30 PM | PAGES 47-48

S5: Immediate Loading with Implant Overdentures: Marketing Hype or Clinical Reality?
Michael D. Scherer, DMD, MS
FEE: $99 ($119 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

S6: Virtual Navigation: Putting You in Control of Planning and Performing Precise Implant Surgery
Joel Rosenlicht, DMD, FAAID, DABOI/ID
FEE: $99 ($119 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

S7: Demystifying the AAID Oral and Written Exams: Increase Your Chances for Success
David Resnick, DDS, FAAID, DABOI/ID
FEE: NO CHARGE
LIMITED TO 50 PARTICIPANTS

TEAM PROGRAMS | AFTERNOON 1:30 PM – 5:30 PM | PAGES 57-58

Implant Maintenance: Principles and Clinical Realities
Elina Fudiman, RDH,MA

Medical Billing for the Dental and Specialty Practice
Hootan Shahidi, MPH

FRIDAY, OCTOBER 13, 2017

MAIN PODIUM | ALL DAY 8:00 AM – 5:30 AM | PAGES 22-24

Digital Planning in Implant Dentistry: From Treatment Planning to 3D Printing
Jaime Lozada, DMD, FAAID, DABOI/ID
Brian J. Goodacre, DDS

Implants in the Esthetic Zone: Outcome-Based Philosophy
Brian LeSage, DDS, FAACD

Digital Fabrication of Implant Prosthetics for the Edentulous Patient
Stephen Baithi, MBE

Risk Factors in Titanium Implantology: Reasons to Consider Zirconia Implants
Elisabeth Jacobi-Gresser, DDS
Daniel Olmedo, DMD, PhD

Dynamic Image Navigation for Implant Placement: Accuracy and Implementation
Joel Rosenlicht, DMD, FAAID, DABOI/ID

How to Maximize Function and Esthetics with a Tilted Minimally-Invasive Approach
Alessandro Pozzi, DDS, PhD

LEONARD LINKOW MEMORIAL GLOBAL SYMPOSIUM | ALL DAY 8:00 AM - 5:30 PM | PAGES 52-55

Full-Mouth Rehabilitation with Implant-Supported Prostheses
Yasunori Hotta, DDS, PhD
Japan

Transcrestal Approach Sinus Augmentation: Overcoming Common Vertical Ridge Deficiency in Posterior Maxilla
David Chong, DDS, DABOI/ID
South Korea

Advanced Implant Rehabilitation of Severely Atrophic Mandible Versus Root-Form Implantation after Inferior Alveolar Neurovascular Repositioning
Manuel Chirnavinaz, MD, DDS, PhD, FAAID
France

Ridge Augmentation with Mineralized Allogenic Block Grafts: A New Gold Standard?
Parish Kale, MDS, FAAID
India

Management of Maxillary Labial and Buccal Bone Deficit by the Use of Angled Implants
Nitin Saurathu, BDS, MDS
New Zealand

Minimally Invasive Sinus Elevation
Jihad Abdallah, BDS, MScD, FAAID, DABOI/ID
Lebanon

Socket Shield: The New Era for Preserving Labial Plate of Bone
Mohamed Wagdy, PhD, AAFAID
Egypt

 Loose Screws and Retained Cement: An Ideal Combination for Peri-implantitis
John Stowell, Dental Oral Surgeon, AAFAID
England

The Rational Approach to Small Diameter Implants
Andrea Mascolo, DDS, MSc.
Italy

Integrating Conventional and Modern Technology to Maximize Efficiency
Ninette Banday, DDS, MPS, DMSc, AAFAID
United Arab Emirates

Current Concepts in Treatment Planning from a North American Perspective
George Arnovitch, BSc, DDS, FAAID, DABOI/ID
Canada

Prevailing Trends in Implantology in India
Mithesh Verma, MDS, MBA, PhD
India

SEDATION TRACK | ALL DAY 8:00 AM – 5:30 PM | PAGE 50

Procedural Sedation in Dental Practice: Essential Principles Revisited
Daniel Becker, DDS
FEE: $398 ($438 after 9/12/17) - Full Day
$199 ($219 after 9/12/17) – Morning or Afternoon session only
LIMITED TO 50 PARTICIPANTS
SCIENTIFIC PROGRAMS AT A GLANCE

FRIDAY, OCTOBER 13, 2017

HANDS-ON WORKSHOPS | ALL DAY 8:00 AM – 5:30 PM | PAGES 36-38

W15: Hands-On Implant Placement and Bone Grafting on Cadavers
Joseph C. D’Amore, DDS, AFAAID, DABOI/ID
Bernee Dunson, DDS, FAAID, ABOI/ID
Ira Goldberg, DDS, FAAID, DABOI/ID
Kirk Kalogriannis, DMD, AFAAID, DABOI/ID
Joseph A. Leonetti, DMD, FAAID, DABOI/ID
Lawrence Naalit, DDS, AFAAID, DABOI/ID
Bart Silverman, DMD, DABOI/ID
Matt Young, DDS, FAAID, DABOI/ID
FEE: $1,495 for AAID members, non-members who registered for 2017 AAID Annual Conference
$1,695 for all others
LIMITED TO 24 PARTICIPANTS

W16: Guided “All-On-X” – The Next Generation: A Hands-On Workshop
Natalie Wong, DDS, Cert. Prostho., FAAID, DABOI/ID
Daniel R. Llop, CDT
FEE: $398 ($438 after 9/12/17)
LIMITED TO 40 PARTICIPANTS

W17: Soft Tissue Management: A Hands-On Workshop Using Pig Jaws
Nicholas Caplanis, DMD, MS, FAAID, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

W18: Introduction to Piezoelectric Technology in Implant Dentistry: A Hands-on Course
John Russo, DDS, MHS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

W19: One-Day Guided Edentulous Implant Solutions
Sponsored by OCO Biomedical, Gold Sponsor
Ara Nazarian, DDS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

W20: Introduction to Injectable Pharmacologics: Neurotoxins and Facial Fillers
Bruce Freund, DDS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

W21: Ridge Augmentation Solutions: Hands-on Pig Jaw
Suheil M. Boutros, DDS, MS, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

W22: Mini Implants to Fixed Prosthesis: A Spectrum of Solutions for the Edentulous Patient
Paresh B. Patel, DDS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

W23: Clinical Consideration for CAD/CAM Guided Implant Surgery
Sponsored by Neobiotech USA, Diamond Sponsor
Sil Park, DMD
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

W24: The Use of Autologous Biologics to Enhance Bone Grafting Success in Oral Implantology
Robert J. Miller, DDS, MA, FAAID, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

HANDS-ON WORKSHOPS | MORNING 8:00 AM - NOON | PAGES 38-39

S8: Ridge Atrophy Treatment Concepts Utilizing Osseodensification and Blood-Derived Growth Factors
Ziv Mazor, DMD
FEE: $99 ($119 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

S9: Implant Complications and Their Management
Len Tolstunov, DDS, DMD, DABOI/ID
FEE: $99 ($119 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

SEMINARS | MORNING 8:00 – NOON | PAGES 48-49

S10: Avoiding Iatrogenic Complications When Responding to Medical Emergencies
Daniel Abell, DMD, EMT-P, AFAAID
FEE: $99 ($119 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

Pain Management for the Dental Implant Patient
James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID

TEAM PROGRAMS | MORNING 8:00 AM – NOON | PAGE 58

Hot Topics in Infection Control
Nancy Dewhirst, RDH,BS

Practice Management Strategies
Jyoti P. Srivastava, DDS, MS

HANDS-ON WORKSHOPS | AFTERNOON 1:30 PM – 5:30 PM | PAGES 39-41

W25: Clinical Consideration for CAD/CAM Guided Implant Surgery
Robert J. Miller, DDS, MA, FAAID, DABOI/ID
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

TEAM PROGRAMS | AFTERNOON 1:30 PM – 5:30 PM | PAGE 59

Market Share and Pocket Share: Team Role
Karima Bapoo-Mohamed, DH, RDH, MBA

Pain Management for the Dental Implant Patient
James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID
SCIENTIFIC PROGRAMS AT A GLANCE

SATURDAY, OCTOBER 14, 2017

MAIN PODIUM | MORNING 8:00 AM – NOON | PAGES 24-25

Vertical and Horizontal Ridge Augmentation
Istvan Urban, DMD, MD, PhD

Utilizing Laser Technology to Manage Peri-implant Disease
Samuel Low, DDS, MS, MEd

Soft Tissue Management for Bone Augmentation
Marius Steigmann, DDS, PhD

HANDS-ON WORKSHOPS | MORNING 8:00 AM – NOON | PAGES 42-43

W25: Implant Placement Using Ridge Expansion
Stuart Orton-Jones, BDS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 36 PARTICIPANTS

W26: Workshop on Intravenous Access
Michael Mashni, DDS
FEE: $199 ($219 after 9/12/17)
LIMITED TO 24 PARTICIPANTS

W27: Seamless Workflow from CBCT to In-House 3D Printed Surgical Stent: Hands-On Simplified Guided Surgery with Neo Navi
Jeffrey H. Brooks, DMD
Sponsored by Neobiotech USA, Diamond Sponsor
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

W28: Guidelines for the Use of Autologous Platelet Concentrate Technologies in Tissue Regeneration: L-PRF Workshop
Nelson Pinto, DDS
Sponsored by Intra-Lock, Presidential Sponsor
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

SEMINAR | MORNING 8:00 AM – NOON | PAGE 49

S11: The Truth about Growth Factors: Separating Myth from Reality, and Drugs that Impact the Practice of Implant Dentistry
James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID
FEE: $99 ($119 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

ELECTRONIC CE CREDIT SUBMISSION

A maximum of 20 hours of continuing education (CE) credits are available at the 2017 Annual Educational Conference. CE credits earned can be reported electronically, anytime, anywhere! Using the course code provided at the end of each session, attendees can submit course evaluations and CE credits via a laptop or mobile device, or by using the convenient computers onsite at the conference CE Kiosk. You can receive your CE certificate by email, save to your online account, or print out at your convenience. No need to enter personal information multiple times to report your CE attendance and evaluations. We will send you a user ID and generic password before the conference so you will be ready to go when you arrive. Too busy to submit during the conference? Attendees also have 30 days to report credits online, from any electronic device, at home, at the office or on the go. No more paper forms to complete. It’s EASY, CONVENIENT, and GREEN!
Greater confidence for you and your patients

BruxZir® Solid Zirconia
Full-Arch Implant Prosthesis

$2,995*
Per arch, complete with full-arch implant provisional
Copy-mill from an approved denture setup for $1,695*

BruxZir Solid Zirconia has maximum durability with no porcelain overlay, denture teeth or acrylics to fracture. The material is hypoallergenic and has been shown in clinical studies to be wear-compatible with enamel.† Our 7-year warranty provides free replacement from the stored digital data if material damage occurs.**

The final BruxZir Full-Arch Implant Prosthesis completed a dramatic oral reconstruction for a patient who presented with terminal dentition, restoring form, function and quality of life.

— Clinical case and photography courtesy of Parosh B. Patel, DDS.

Visit glidewelldental.com/solutions/ to view the entire case study.

*Price does not include milling, shipping or applicable taxes and may vary when original equipment manufacturer (OEM) components are requested or required.
Half of payment is due after first appointment; half is due at final delivery.
**Warranty is provided to the presenting dentist and is nontransferable.
For complete warranty details go to glidewelldental.com.
† Clinicians Report, TRAC Research, July 2014.

GLIDEWELL DENTAL
888-371-4817 • glidewelldental.com
**CONFERENCE AT A GLANCE**

**TUESDAY, OCTOBER 10**

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<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Board of Trustees Meeting</td>
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<tr>
<td>7:30 am – Noon</td>
<td>Associate Fellow Written Examination</td>
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<td>(Separate Fee and Prior Registration by 9/12/17 required)</td>
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<td>4:00 pm – 7:00 pm</td>
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**WEDNESDAY, OCTOBER 11**

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<td>7:00 am – 8:00 am</td>
<td>Continental Breakfast</td>
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<td>8:20 am – 11:40 am</td>
<td>NEW TRENDS, TECHNIQUES, TECHNOLOGY PRESENTATIONS</td>
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<td>8:00 am – 2:00 pm</td>
<td>MaxiCourse® Directors Meeting (By Invitation)</td>
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<td>10:00 am – Noon</td>
<td>District Officers’ Meeting (By Invitation)</td>
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<td>1:00 pm – 6:00 pm</td>
<td>MAIN PODIUM PROGRAMS</td>
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<tr>
<td>1:00 pm – 5:30 pm</td>
<td>SEMINARS &amp; HANDS-ON WORKSHOPS</td>
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<tr>
<td>6:00 pm – 6:45 pm</td>
<td>First-time Attendees/Students Reception</td>
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**THURSDAY, OCTOBER 12**

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<td>7:45 am – 5:30 pm</td>
<td>MAIN PODIUM PROGRAMS</td>
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<tr>
<td>8:00 am – Noon</td>
<td>SEMINARS &amp; HANDS-ON WORKSHOPS</td>
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<tr>
<td>8:00 am – 10:00 am</td>
<td>The ABOI/ID Certification Process Explained</td>
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<td>8:00 am – 5:30 pm</td>
<td>POSTER DISPLAYS</td>
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**FRIDAY, OCTOBER 13**

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<td>MAIN PODIUM PROGRAMS</td>
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<tr>
<td>8:00 am – 5:30 pm</td>
<td>W15: HANDSON IMPLANT PLACEMENT AND BONE GRAFTING ON CADAVERS</td>
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<td>8:00 am – 5:30 pm</td>
<td>SEMINARS &amp; HANDS-ON WORKSHOPS</td>
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<tr>
<td>8:00 am – 5:30 pm</td>
<td>LEONARD LINKOW MEMORIAL GLOBAL SYMPOSIUM</td>
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**SATURDAY, OCTOBER 14**

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<td>MAIN PODIUM PROGRAMS</td>
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<td>Networking and Refreshment Opportunity in Exhibit Hall</td>
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<td>New Fellow and Associate Fellow Group Photo (By Invitation)</td>
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<td>2:00 pm – 4:00 pm</td>
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Schedule subject to change without notice.
Transcend traditional learning with Zimmer Biomet Dental’s new continuing education portfolio, designed to fit varying learning styles and lifestyles of the modern clinician and lab professional. Whether your interest is in emerging digital dentistry innovations or the latest techniques in restorative and implant dentistry with industry leading regenerative solutions, our commitment is to you and your patients. Your progress. Our promise.*

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Having marginal bone stability surrounding the dental implant increases its survival rate. We have come to rely on the CBCT as a pre-surgical assessment tool for our implant cases. After preliminary assessment the need for bone graft can be decided. In our patient pool only seven percent of our patients needed pre-implant bone rehabilitation. We will demonstrate the stability of the marginal bone levels around implants that have been followed up for a minimum of five years.

**Learning Objectives:** At completion of this presentation, participants should be able to:

1. Understand the added benefit of using digital radiography as a measuring tool for marginal bone levels around implants in three dimensions
2. Explore the factors that aid in maintaining marginal bone levels around short press fit implants
3. Appreciate why only seven percent of patients needed bone graft prior to implant placement

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**Kyle Stanley, DDS**
- Dental implant residency and implant specialty, Florianopolis, Brazil
- Top 10 Young Educators in Dentistry, Seattle Study Club

Dr. Stanley will showcase the digital workflow and how you can avoid problems in your practice by utilizing the latest technology.

**Learning Objectives:** At completion of this presentation, participants should be able to:

1. Avoid improperly placed implants
2. Begin with the end in mind
3. Properly maintain soft and hard tissue around the implant neck
4. Achieve predictable outcomes utilizing technology
9:00 am - 9:20 am
New Innovations in 3D CBCT Imaging to Surgical Guides for Implant Dentistry
Sponsored by Neobiotech USA, Diamond Sponsor

Jeffrey H. Brooks, DMD
• Associate Professor, University of Tennessee Health Science Center College of Dentistry, Department of Oral and Maxillofacial Surgery
• Director 3D Imaging and Director of Surgical Implantology, University of Tennessee Health Science Center College of Dentistry

Digital technology in dentistry is ever-changing. Keeping up with the latest and greatest can be a challenge for the busy practicing dentist. Mastering the digital workflow can help treat our patients better, and more efficiently. This presentation focuses on recent technological advantages that are now available and how these can help augment a thriving implant practice. This presentation will briefly discuss new innovations in 3D diagnostic imaging, computer imaging technologies for both treatment planning and fabrication of surgical guides. An overview will be discussed regarding the recent advancements in 3D printing technology at affordable pricing that has allowed printing implant surgical guides to be practical in the dental office.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Better understand new innovations in 3D imaging systems for implant dentistry
2. Apply computer imaging technologies and treatment planning software to treat the digital patient
3. Understand the practicality of fabricating a surgical guide in the office to use for implant placement

9:20 am - 9:40 am
Modern Techniques of Successful Bone Graft and Sinus Lift Surgery
Sponsored by Neobiotech USA, Diamond Sponsor

Dennis Smiler, DDS, MScD, AFAAID
• Honored Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral and Maxillofacial Surgery

This presentation focuses on guided bone regeneration, use of membranes, and easy methods for collecting autogenous bone as well as sinus lift techniques. This session addresses issues related to proper diagnosis, treatment planning, and surgical techniques with emphasis on the latest methods. Topics presented go beyond basic theoretical knowledge needed as the foundation for successful clinical practice.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Diagnose and treat successful surgery
2. Understand skills needed to perform bone graft surgery using guided bone regeneration techniques
3. Perform a simple method to obtain autogenous bone
4. Describe innovative techniques for crestal and lateral window sinus lift bone augmentation
9:40 am – 10:00 am
4D Guided Implantology: A Biological Approach to Functional and Esthetic Implant Outcomes
Sponsored by MIS Implants Technologies, Presidential Sponsor

Yong-Han Koo, DDS
• Diplomate, American Board of Oral and Maxillofacial Surgery
• Lecturer, Harvard School of Dental Medicine, Boston, Massachusetts
• President, Dental Team International
• Private Practice, Wayland Oral Surgery, Wayland, Massachusetts

Guided bone and tissue regeneration techniques have revolutionized clinicians’ abilities to treat a wide array of clinically challenging situations, ranging from mild to severe bone and soft tissue defects. One of the most effective ways to restore our patients’ lost oral form and function is through implant rehabilitation. Significant advances have been made since Dr. Per-Ingvar Brånemark’s discovery of osseointegration. Yet, ironically, we have more unanswered questions and complications.

This lecture will introduce a comprehensive staging protocol (I, II and III) based on risk factors and predictability of each case. It will also discuss an innovative implant system focusing on the principles of osseointegration and the biology behind esthetics. The distinct advantages of the unique design principles and clinical benefits of the system will be highlighted through case presentations.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Articulate complications with osseointegration
2. Describe staging protocols
3. State advantages of the design principles and clinical benefits of the system highlighted

10:00 am - 10:20 am
One-Step Ridge Preservation using OsteoGen® Bone Grafting Plugs without a Membrane: Scientific Review and Surgical Protocol
Sponsored by Implanadent Ltd, Presidential Sponsor

Maurice Valen
• Recipient, AAID Foundation Isaiah Lew Memorial Research Award
• Former Board of Director, American Academy of Implant Dentistry Foundation
• Inventor, developer and manufacturer, OsteoGen® bioactive resorbable calcium apatite crystals, OsteoGen® Bone Grafting Plugs and Strips, the LaminOss® and PhysiLock® Implant Systems

• Formerly Adj. Professor with UMDNJ/Robert Schultz Orthopaedic Institute of NJ, NYU College of Dentistry, Department of Dental Materials Science

This presentation will provide the scientific basis for understanding the OsteoGen® crystals, as well as the OsteoGen® Bone Grafting Plugs and Strips. The presentation will review simple and cost effective surgical protocols for everyday socket preservation without requiring a separate membrane as well as cover post-extraction grafting around immediate implant placement. An overview of extraction site preparation techniques that yield optimal and predictable clinical outcomes when using these bone grafting products will be discussed.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Demonstrate simple, predictable and cost effective socket grafting techniques without the use of a membrane using the OsteoGen® Bone Grafting Plugs
2. Understand surgical applications covering post-extraction grafting around immediate implant placement including filling interproximal and facial gaps after extraction using OsteoGen® Plugs and Strips
3. Explain extraction site preparation techniques that yield optimal and predictable clinical outcomes

10:20 am - 10:40 am
Full-Arch Implant Restorations: Monolithic Zirconia or Acrylic Hybrids?
Sponsored by Glidewell Dental, Presidential Sponsor

Paresh Patel, DDS
• Graduate, Georgia/AOID MaxiCourse®
• Clinical instructor, Reconstructive Dentistry Institute
• Private practice, Lenoir and Mooresville, North Carolina

This multimedia presentation will highlight the advantages of the BruxZir® Full-Arch Implant Prosthesis, which has emerged as an esthetic, more durable alternative to the acrylic hybrid denture. While both of these options provide the edentulous patient the superior function and stability of a fixed restoration, the monolithic construction of the BruxZir® Full-Arch Implant Prosthesis resists the chipping, stains, and fractures that have been known to compromise acrylic-based restorations.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand how monolithic zirconia implant restorations avoid prosthetic complications common to the acrylic hybrid denture
2. Describe the basic treatment protocol for the BruxZir® Full-Arch Implant Prosthesis
3. Relate how the strength characteristics of monolithic zirconia result in a durable, long-lasting implant restoration
4. Explain the use of provisional and CAD/CAM technology in the fabrication of the BruxZir® Full-Arch Implant Prosthesis
10:40 am – 11:00 am
The topic and presenter for this presentation will be announced shortly before the commencement of the New Trends, Techniques and Technology presentations. Check aaid.com for more information.
Sponsored by Zimmer Biomet Dental, Gold Sponsor

11:00 am - 11:20 am
Amnion-Chorion Allografts, Updated Scientific Rationale and Clinical Applications in Dental-Oral Maxillofacial Surgery
Sponsored by Snoasis Medical, Gold Sponsor

Dan Holtzclaw, DDS, MS
• Diplomate, American Board of Periodontology
• Co-Editor-in-Chief, Journal of Implant & Advanced Clinical Dentistry
• Editorial Board Member, Clinical Advances in Periodontology

The rise in use of placental tissue is forever changing medicine and Snoasis Medical has pioneered this development for over ten years. Snoasis products are protected by 100+ issued and pending patents and its lead product, BioXclude®. It is the only amnion-chorion membrane available in the dental market. As an early adopter of the BioXclude® technology, Dr. Dan Holtzclaw will review his extensive clinical use of allograft placental tissues in periodontal/dental implant surgery.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Discuss background science and rationale for the surgical use of BioXclude®
2. Identify specific surgical applications and techniques for efficient placement of BioXclude®
3. Handle BioXclude® quickly and predictably
4. Manage bone defects resulting from tooth extraction, periodontal disease, and peri-implantitis

11:20 am – 11:40 am
New Concepts in the Combined Treatment of Severely Compromised Implant Cases
Sponsored by Intra-Lock International, Presidential Sponsor

Robert J. Miller, DDS, FAAID, DABOI/ID
• Honored fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Chairman, Department of Oral Implantology, Atlantic Coast of Dental Research Clinic, Palm Beach, Florida
• Director, The Center of Advanced Aesthetic and Implant Dentistry, Delray Beach, Florida

Current trends in oral implantology are moving towards combining multiple procedures to compress treatment times. Whether we are performing extraction/immediate implant placement or constructing immediate full-arch restorations, we are often faced with very challenging bone anatomy that push the limits of our capacity to achieve desired success. New clinical solutions on the biologic side are helping to achieve integration even where initial stability of implants is severely compromised.

On the reconstructive side, new implant designs are simplifying formerly complex full-arch restorations. This confluence of new treatment concepts, across a broad spectrum of clinical applications, gives the clinician additional confidence in the treatment of the severely compromised implant patient.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Describe challenges to success in implant treatment
2. Understand how biologics help when implants are severely compromised
3. Gain additional confidence treating the severely compromised implant patient
SUCCESSFULLY MARKET YOUR DENTAL IMPLANT SERVICES

Dr. Tarun Agarwal of Raleigh, NC explaining treatment to a hybrid denture patient. Dr. Agarwal participates in our Custom Dental Magazine Direct Mail Program (see inset).

We focus on dental implant marketing, including hybrid dentures, implant-retained dentures and teeth in one day services. We have successful implant marketing programs that are customized to work for any practice.

FREE MARKETING CONSULTATION FOR AAID MEMBERS

with Dental Marketing Expert Keith Gilleard
President of Gilleard Dental Marketing

Keith Gilleard is co-owner and founder of Gilleard Dental Marketing, a successful dental marketing agency that focuses on helping dentists procure high-production cases. Gilleard Dental Marketing provides Internet, direct mail and video marketing programs.

"Our ROI from the Gilleard magazine has been 8-1 plus."

"We have a practice in one of the most competitive areas in the entire U.S. There are 300 dentists within five miles of our location, and 11 general dentists just in our office park. Our previous marketing hadn't worked because many dentists here do the same kinds of marketing. Our return on investment from the Gilleard magazine has been 8-1, and this ratio is even higher if you take into account the people referred by the Gilleard patients. We have generated a dozen cases between $30,000 and $50,000, and another couple of dozen cases between $10,000 and $25,000. And there have been many more people who need less treatment."

— Co-Owner Joe Kerner and Nader Hawa, DMD (featured right)

GILLEARD DENTAL MARKETING

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New Trends, Techniques, and Technology Lecture
October 11th


Hands-on Workshop
October 12th
8am-12pm

"The Value of Safety and Precision in Prosthodontically Driven Guided Implantology: Simplicity & Predictability"

A SIMPLE YET GROUND BREAKING IMPLANT DESIGN

V3 by MIS
MAKE IT SIMPLE
The Use of rhBMP-2 for Alveolar Ridge Augmentation
AGD Subject Code 318
1:00 pm - 2:00 pm

Michael Pikos, DDS, AFAAID, DABOI/ID
• Associate Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Diplomate, American Board of Oral and Maxillofacial Surgery
• Recipient, Aaron Gershkoff/Norman Goldberg Memorial Award, American Academy of Implant Dentistry

This presentation will focus on the use of rhBMP-2 for alveolar ridge augmentation including single tooth to full-arch. It will draw on the presenter’s ten years of experience with the only growth factor available that forms bone de novo.

Topics to be covered include the science of rhBMP-2, incision design, flap management, site preparation, the use of barrier membranes, and histology with long-term case follow up.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Appreciate the science and role of rhBMP-2 for alveolar ridge reconstruction
2. Understand comprehensive recipient site development including soft tissue management for the application of rhBMP-2 for alveolar ridge reconstruction
3. Identify the complications that can occur with mesh-rhBMP-2 particulate grafting for alveolar ridge reconstruction

Safe and Easy Sinus Lifting Technique
AGD Subject Code 690
3:00 pm - 4:00 pm

Jun Shimada, DDS, PhD
• Diplomate and Board of Japanese Society of Oral and Maxillofacial Surgeon
• Diplomate, Japanese Society of Oral Anesthesiologist
• President, OCOI Japan
• Vice President, Japanese Society of Stomatology

In large maxillary sinus cases, the bony walls are usually thin, and it is easy to make window removing the bone tissue with bone scraper only. However, the Schneiderian membranes in those cases are usually very thin too, and those could be easily injured or ruptured. In small maxillary sinus cases, the bony walls are thick, and it is difficult to make a bony window to access the sinus space because so much bone tissue should be removed. To safely accomplish the sinus lift, several kinds of instruments and procedures to make the bony wall thinner prior to the window opening will be discussed.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Distinguish requirements to make window opening in large maxillary sinus cases versus small maxillary sinus cases
2. Identify instruments and procedures to make bony wall thinner prior to creating window opening

Implant Dentistry for Compromised Clinical Cases without Bone Grafting
AGD Subject Code 691
2:00 pm - 3:00 pm

Georgios Romanos, DDS, PhD
• Diplomate, American Board of Periodontology
• Professor of Periodontology, Stony Brook University
• Professor for Oral Surgery, Frankfurt, Germany
• More than 300 publications, 4 books and over 700 presentations world-wide

Implants placed in narrow alveolar ridges and regions with soft bone quality are always associated with advanced surgical skills and present challenges in daily practice. This presentation will feature alternative methods for improving the peri-implant bone density and managing clinical conditions in patients with compromised amount of bone using implant designs with high primary stability. Therapeutic protocols will be presented in conjunction with narrow diameter implants in order to avoid bone grafting techniques and improving esthetics with long-term success.
Predictable Restoration of Alveolar Bone
AGD Subject Code 691
4:00 pm - 5:00 pm

O. Hilt Tatum, DDS, FAAID, DABOI/ID
• Honored Fellow and Past President, American Academy of Implant Dentistry
• Diplomate and Past President, American Board of Oral Implantology/Implant Dentistry
• Director, Puerto Rico MaxiCourse®
• Recipient, French Legion of Honor
• Recipient, Gershkoff/Goldberg Award, Isaiah Lew Memorial Research Award, and Lifetime Achievement Award from AAID

This presentation will describe three ways in which deficient alveolar bone can be restored to its original dimension to permit the crestal emergence of root form implants within the same circumference as the original roots.

• When normal crestal height is present, natural width may be restored with bone manipulation.
• Vertical deficient bone is most predictably restored to a precise height with a vascularized osteotomy and the necessary width correction achieved with bone manipulation at the time of implant placement.
• When vertical correction is not possible with vertical osteotomy, irradiated onlay allograft blocks placed with remote incisions are the next choice.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the basic concept of each approach to restoration of the deficient alveolar bone.
2. Appreciate the importance of and protection of the blood supply in each approach.
3. Avoid incisions over bone grafts.
4. Recognize the difference in loading stability between mature and grafted crestal bone.

Embryomimetic Regeneration: New Concepts for Osseointegration
AGD Subject Code 690
5:00 pm - 6:00 pm

Martin Chin, DDS
• Diplomate, American Board of Oral and Maxillofacial Surgery
• Private practice, California Pacific Medical Center, San Francisco, California

Embryomimetic regeneration is a new concept for creation of osseointegration, bone reconstruction, and periodontal repair. Recent discoveries in biotechnology and developmental biology can now be applied to clinical dentistry, resulting in new procedures that can solve disorders that were previously untreatable. Bone biologists have unveiled the mechanisms that form bone in the embryo and have demonstrated that these mechanisms are preserved and remain active in the adult. Modern investigators used advanced imaging technology to show how embryos create a skeleton through a process involving a collagen fiber network precursor, and that the same mechanism of embryogenesis operates in the adult. The purpose of this presentation is to outline a stepwise approach to the effective use of these new techniques. Long-term clinical results will be presented and that will verify improved efficiency and predictability of treatment outcomes, particularly where there is a need to place implants in compromised sites.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the four essential requirements for bone-forming construct.
2. Design a surgical procedure incorporating the four essential requirements to form bone.
3. Understand the role of the Sharpey fiber matrix in the formation of bone and osseointegration.
Recent Advancements in Graftless Solutions, Zygomatic, and Tilted Implants
AGD Subject 692
8:00 am - 9:00 am

Paulo Malo, DDS, PhD
• Founder and President, Malo Clinic
  Private practice, oral surgery and prosthetic rehabilitation
• Developer of Malo Clinic Protocol (surgical techniques and innovative products such as the All-on-4®, the new Zygomatic Implant, the Extra-Mailla surgery, the NobelSpeedy® Implant and the Malo Clinic Bridge)

This lecture will discuss the goals in surgical and prosthetic therapy when using the All-on-4® treatment concept to restore the fully-edentulous and failed-dentition patient. The most recent advancements of this graftless solution to approach the severely resorbed maxilla and mandible will be covered. Clinical management of patients will be presented by demonstrating data gathering process, diagnosis, treatment planning, surgical protocols, fabrication of both provisional, and definitive implant-retained prostheses.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Identify the principles, advantages and biomechanics of the All-on-4® treatment concept to restore fully edentulous and failed dentition patients
2. Recognize the indications for the use of the modified technique using zygomatic implants to manage severely resorbed maxilla cases
3. Understand the literature that supports this surgical and prosthetic full-mouth rehabilitation approach

Strategic Vertical Guided-Bone Regeneration in the Esthetic Zone: The Final Millimeters
AGD Subject Code 318
9:00 am - 10:00 am

Joseph Kan, DDS, MS, AFAAID
• Associate Fellow, American Academy of Implant Dentistry
• Professor, Loma Linda University
• Private Practice, Covina, California

Vertical guided-bone regeneration to optimize anterior implant gingival esthetics is always daunting. While regeneration of bone vertically is achievable, it does not necessarily translate to soft tissue esthetics, especially in the final few millimeters where the tissue meets the prosthetic. This often means the difference between having an esthetic looking implant restoration versus a long crown without papillae or crown with artificial gingiva. This presentation will focus on a novel concept of integrating strategic surgical grafting and prosthetic manipulation of soft and hard tissue to attain those critical final millimeters in the event of partially edentulous vertical defects in the esthetic zone.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Diagnose and treatment plan for vertical defects in the esthetic zone
2. Understand GBR concepts and determine if the paradigm is shifting
3. Determine if the paradigm is shifting in the prosthetic emergency profile

Digital Technology: Material Options and Design Considerations for Implant-Supported Restorations
AGD Subject Code 695
11:00 pm - Noon

Michael Bergler, CDT, MD
• Director, CAD/CAM - Ceramic-Center
• Faculty, Department of Restorative and Preventative Sciences, University of Pennsylvania, School of Dental Medicine

New technologies are constantly changing clinical and laboratory protocols and workflows. Numerous CAD/CAM systems have been introduced to the market and offer significantly more reliable and precise fabrication process as well as a range of new materials for tooth- and implant-supported restorations that cannot be used with traditional fabrication protocols. The great variety of new materials makes the selection process increasingly complex. Therefore, an understanding of fundamental properties based on the scientific evidence is necessary to identify the proper materials based on the patient’s individual aesthetic and functional needs. Excellent esthetic features paired with favorable physical and biological properties have made high-strength ceramic materials true alternatives to conventional dental alloys in a variety of clinical indications. However, for long-term clinical success and to take full advantage of the unique material properties, it is crucial for the laboratory technician and the dentist to understand digital workflows, advantages and limitations, as well as clinical and laboratory protocols for clinical success with new technologies and materials.

This presentation will provide an update on new technologies while recognizing the importance of a team approach between dental technician and clinician in the digital age. Clinical and laboratory guidelines for long-term success with tooth- and implant-supported restorations, based on the most current scientific evidence, will be presented and illustrated.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand advantages and limitations of different framework designs for fixed and removable implant restorations
2. Choose and implement the latest materials based on the design of a restoration
3. Differentiate digital treatment protocols and traditional workflows
4. Recognize the importance of a team approach in the digital age for the success of implant-supported restorations
Trabecular Metal™ Technology from Orthopedics to Dental Implantology
AGD Subject Code 697
1:30 pm - 2:30 pm

Suheil M. Boutros, DDS, MS, DABOI/ID
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Diplomate, American Board of Periodontology
- Dean’s Faculty, University of Michigan School of Dentistry, Ann Arbor, Michigan.
- Private practice, periodontal and dental implant surgery, Grand Blanc, Michigan.

Trabecular Metal™, a porous (80%) tantalum biomaterial with trabecular-like structure for three-dimensional bone ingrowth, has been used for more than a decade in orthopedic surgery. As a result of great success in orthopedics, a new tapered, threaded, titanium dental implant with a trabecular metal midsection has been developed. It has been tested in animal models followed by human cases for over five years. Clinical cases presenting the Trabecular Metal Dental Implant for enhanced secondary stability in poor bone quality and its indication in compromised sites in addition to medically compromised patients will be presented.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the structure of the Trabecular Metal material
2. Relate factors in achieving implant primary stability, secondary stability, and long-term function
3. Differentiate Trabecular Metal Material and traditional surface technologies and designs
4. Describe indications for Trabecular Metal Implant in medically compromised patients and a rescue implant

Soft Tissue Manipulation and Papillae Re-creation: The Keys for Success
AGD Subject Code 492
2:30 pm - 3:30 pm

Patrick Palacci, DDS
- Private practitioner, Marseilles, France
- Developed several techniques in relation with optimal implant positions, papilla regeneration technique, and esthetic implant dentistry
- Author, numerous scientific articles and two textbooks, Esthetic & Implant Dentistry and Immediate Esthetics

Recreation of papillae is the last frontier to be addressed in esthetic implant dentistry. This presentation will address how to recreate a papilla between implants, indications, limits, surgical protocol of the technique as well as the long-term results.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Select the right patient for papillae reconstruction
2. Understand the rationale for optimal soft tissue handling around implants
3. Perform papillae regeneration technique

Managing Ridge Atrophy Using the Osseodensification Concept
AGD Subject Code 499
4:30 pm - 5:30 pm

Ziv Mazor, DMD
- Clinical researcher, bone augmentation and sinus-floor elevation
- Continuing education faculty, New York University, New York, New York
- Associate professor, Titu Maiorescu University, Bucharest, Romania
- Private practice, periodontal and implant dentistry, Ra’anana, Israel

This presentation will focus on the concept of using new innovative treatment approaches as well as unconventional surgical manipulations dealing with atrophic ridge. The new concept of “osseodensification” will be presented enabling the clinician to preserve existing bone and enhance the outcome through a minimally invasive approach. Osseodensification is a novel, bio-mechanical, non-excavation osteotomy preparation method. Unlike traditional bone drilling technologies, osseodensification does not excavate bone tissue. Rather, it preserves bone bulk, so bone tissue is simultaneously compacted and autografted in an outwardly expanding direction for the osteotomy. It is accomplished by using proprietary densifying burs. When the densifying bur is rotated at high speed in a reversed, non-cutting direction with steady external irrigation (Densifying Mode), a dense compacted layer of bone tissue is formed along the walls and base of the osteotomy. Recent studies, showed that osseodensification was demonstrated to be able to increase the %BV (ridge width and bone volume percentage) around dental implants inserted in low-density bone in respect to conventional implant drilling techniques, which may play a role in enhancing implant stability and reduce micromotion. The presentation will show step-by-step procedures of this minimally invasive, innovative technique for ridge expansion as well as subcrestal sinus augmentation with long-term follow-ups of both clinical and CBCT radiographs. It will highlight the benefits of this treatment modality compared to the existing techniques.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the scientific principle of osseodensification
2. Discuss the biomechanical validation of osseodensification
3. Review the clinical and the histological evidence of osseodensification
4. Optimize the atrophic ridge site for predictable outcome
Digital Planning in Implant Dentistry: From Treatment Planning to 3D Printing
AGD Subject Code 697
8:00 am - 9:00 am
Jaime Lozada, DMD, FAAID, DABOI/ID

• Honored Fellow and Past President, American Academy of Implant Dentistry
• Diplomate, American Board of Implant Dentistry
• Professor, Advanced Education Program in Implant Dentistry, Loma Linda University, School of Dentistry
• Member, Editorial Board, Journal of Oral Implantology
• President, American Board of Dental Specialties

Brian J. Goodacre, DDS

• Assistant Professor and Graduate Student, Combined program in prosthodontics and Implant Dentistry at Loma Linda University, School of Dentistry

Whether you’re a novice or experienced in digital dentistry, this lecture will help you start, or grow, the use of technology in your dental implant practice. This presentation will discuss techniques for digitizing patients’ bone, teeth, and soft tissue, treatment planning using state-of-the-art software and using 3D printers to fabricate surgical guides in your office. Future applications of 3D printing will be explored to show what is currently possible and what to expect in the future.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand multiple ways to digitize bone, teeth and soft tissue
2. Prosthetically plan implant placement using digital records
3. Appreciate how to utilize 3D printers in your practice
4. See future applications for 3D printing

Implants in the Esthetic Zone: Outcome-Based Philosophy
AGD Subject Code 780
9:00 am - 10:00 am
Brian LeSage, DDS, FAACD

• Accredited cosmetic dentist and Fellow, American Academy of Cosmetic Dentistry
• Founder and Director, University of California, Los Angeles (UCLA), Esthetic Continuum Levels I and II
• Private practice, emphasizing esthetic and reconstructive dentistry, Beverly Hills, California

Implant esthetics are esthetically, biologically, and restorative driven. This program will demonstrate how to use these parameters in the diagnostic phase to optimize and attain predictable outcomes using a variety of solutions. Take control of the outcome by having a better understanding of white, pink, and black esthetics. Understand the ceramist role in communication and collaboration regarding meeting the patient expectations.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Evaluate the parameters that influence final outcomes
2. Incorporate diagnostic parameters into the development of the treatment plan
3. Implement tips for handling esthetic compromises throughout treatment

Digital Fabrication of Implant Prosthetics for the Edentulous Patient
AGD Subject Code 695
11:00 am - Noon
Stephen Balshi, MBE

• Co-inventor of the Accelerset Prosthesis, a fully automated implant-supported screw-retained prosthesis
• Director of Research, PI Dental Center, Institute for Facial Esthetics
• Published thesis on the stability of Bränemark implants and immediate function

Implant-supported prostheses can be constructed via a number of different pathways using various prosthetic materials. This presentation will cover one digital pathway that is prosthetically-driven, starting with idealizing the position of the teeth in a digital setup. This digital setup becomes the driving force behind the fabrication of a number of different prosthetic applications, including dentures, overdentures, implant hybrid prostheses, and implant-supported ceramic prostheses. This presentation will review the Accelerset Prosthesis, the first fully-automated prosthesis that contains all milled parts: a titanium framework, individual ceramic crowns, and pink gingiva. These three parts are assembled in the laboratory and sent to the clinician ready for delivery. Maintenance on this prosthesis is simplified as all parts of the prosthesis have a digital record. This workflow will be demonstrated using various case presentations.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the importance of starting sophisticated treatment with the idealized tooth position, rather than the ideal implant position in bone
2. Know the various prosthetic options available from a single digital workflow that begins with the ideal tooth position
3. Appreciate the benefits of the digital record and the importance of long-term record keeping for all patients
4. Describe how the Accelerset Prosthesis is fabricated and the benefits over other implant-supported prostheses
Risk Factors in Titanium Implantology: Reasons to Consider Zirconia Implants
AGD Subject Code 698
1:30 pm - 2:30 pm

Elisabeth Jacobi-Gresser, DDS
- 38 years experience in titanium and ten years in Zirconia
- Assistant Professor and Graduate Student, Combined program in Prosthodontics and Implant Dentistry, Loma Linda University, School of Dentistry

Daniel Olmedo, DMD, PhD
- Specialist and Head Professor in Oral Pathology, University of Buenos Aires, Argentina
- Associate Researcher, Nation Council of Scientific and Technological Research
- Past President, Argentine Society of Dental Research (Argentine Division of the IARDR)

Over the past 50 years, oral implants fundamentally influenced reconstructive concepts in dental medicine. Due to its excellent biocompatibility, titanium is the preferred metal not only in dental implantology but also in orthopedic joint replacement.

However, the risks of inserted titanium implants remain underestimated. Titanium debris from the implant surface as result of frictional wear and corrosion (tribocorrosion) has been known for decades. Side effects from the incorporation of micro- and nanoparticles in biological systems has been mostly ignored, as titanium is widely considered to be inert. The chemically-active metal ions/particles released from an implant surface, may bind to the surrounding tissues but may also bind to proteins and be disseminated to distant organs in the vascular and lymphatic systems. In this regard, research in human samples has shown the presence of titanium particles in:
- peri-implant tissue around failed human dental implants
- oral mucosa in contact with implant cover screws
- cells exfoliated from peri-implant oral mucosa around titanium dental implants
- reactive lesions in the peri-implant mucosa

In addition, our studies in experimental animal models demonstrated deposition of titanium microparticles (MPs) and nanoparticles (NPs) and the presence of a tissue response to these particle deposits. The development of special immuno-assays in the past ten years gave insight into previously unknown immunological effects resulting from titanium-wear debris. Histo-immunological stainings of peri-implant hard and soft tissues impressively confirm the presence of immune cells like macrophages, T- and B-lymphocytes reacting to disseminated titanium particles. Local, as well as systemic immunological responses, by proliferation of phagocytosing cells and subsequent liberation of pro-inflammatory cytokines have been verified through specific laboratory immuno-assays. In this regard, results obtained in our clinical study confirmed a statistically significant higher amount of pro-inflammatory cytokine release in patients with failed implants than in those with long-term implant success. Moreover, multiple worldwide gene association studies have shown that individual genetic risk profiles, in respect to inflammatory high-responder reactions, influence long-term implant success. Adequate individual risk assessment should be considered before insertion of titanium devices or application of ceramic implants should be preferred.

This presentation will address the local and systemic effects of tribocorrosion of titanium, as shown by studies in experimental animals and human tissues. Also, well-documented case reports with immunological, genetic and histological findings will be presented.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Describe local and systemic effects of tribocorrosion of titanium
2. Conduct individual patient risk assessments
3. Determine whether titanium devices or ceramic implants should be used

Dynamic Image Navigation for Implant Placement: Accuracy and Implementation
AGD Subject Code 704
2:30 pm - 3:30 pm

Joel Rosenlicht, DMD, FAAID, DABOI/ID
- Honored Fellow and Past President, American Academy of implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Past President, American College of Oral Maxillofacial Surgeons
- Private practice, oral surgery and implant dentistry, Manchester, Connecticut

Contemporary implant surgery includes the need to use some form of computer-assisted surgery. Every restorative dentist, dental surgeon, and their team needs to understand how the various forms of image-guided surgery are implemented. A new “Optically-Guided Surgical System” that utilizes visual light optical tracking will be presented in a concise and information-packed format. Literature regarding the accuracy of computer-guided implant surgery will be reviewed, including image acquisition, treatment planning, patient and instrument registration, and surgery.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the literature regarding image-guided surgery
2. Identify the components of a dynamic navigation system
3. Follow the steps necessary to implement dynamic navigation in your practice
How to Maximize Function and Esthetics with a Tilted Minimally-Invasive Approach
AGD Subject Code 691
4:30 pm - 5:30 pm

Alessandro Pozzi, DDS, PhD
• Member, the Academy of Osseointegration, the European Association of Osseointegration, the Italian Academy of Esthetic Dentistry, and the Digital Dentistry Society
• Private practice, Rome, Italy

Today, patients demand restoration that looks natural and this requirement has to be provided in the most simple, fast, accurate, and pain-free way. The computer-guided implant surgery introduced the minimally invasive concept in the treatment of partially or totally edentulous patient, with new perspectives based on bone graft-free rehabilitation and low morbidity implant surgery. Moreover with diagnostic data obtained from CBCT and extra- and intra-oral optical surface scanning, a novel digital pathway based on facially-driven virtual diagnostic waxing, prosthetically driven surgical plan, digitally printed surgical template, and prefabricated implant-supported screw-retained interim restorations, can be realized in a predictable manner. The challenging interplay with the surrounding gingival framework, often overlooked in the extensive rehabilitation supported by tilted implants, will be emphasized through a step-by-step clinical protocol to deliver a natural gingival architecture and a direct pink-free prosthetic emergence.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Appreciate the benefits and disadvantages of using digitally guided surgery and prosthetics techniques
2. Understand the use of graft-free implant solutions based on tilting implants
3. Differentiate when immediate loading is feasible
4. Manage the soft tissue interface in order to enhance the clinical outcome

Vertical and Horizontal Ridge Augmentation
AGD Subject Code 692
8:00 am - 9:00 am

Istvan Urban, DMD, MD, PhD
• Assistant Professor, Graduate Program Implant Dentistry, Loma Linda University
• Private practice, emphasis in implant reconstructive surgery, Budapest, Hungary

Vertical and horizontal augmentation presents one of the greatest challenges of bone regeneration in implant dentistry. This is primarily due to the difficulty of the surgical procedure and its potential complications. Patient selection, patient preparation for surgery, precise surgical techniques, and post-operative management are the key factors in reducing the rate of bone graft complications.

To predictably achieve successful bone augmentation, angiogenesis, clot stability, and space maintenance should be employed. In an attempt to achieve wound closure and hence graft stability, the buccal mucosa are often broadly released. This often results in a severe apical translocation of the mucogingival line, loss of vestibule, and keratinized mucosa (KM).

The detailed surgical anatomy of the floor of the mouth, the Modified Lingual Flap, as well as the technique for protecting the mental nerve, will be presented in detail.

Recent research of the Sausage Technique™ as well as minimally invasive soft tissue reconstruction will be presented.

Utilizing these procedures may lessen the need of harvested autogenous bone and may generally lead to decreased morbidity, and therefore increased patient comfort and satisfaction associated with these regenerative procedures.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the biology of the incorporation of the bone graft
2. Describe the surgical anatomy of the floor of the mouth
3. Identify the surgical principles of ridge augmentation surgery
4. Apply the surgical principles of the reconstruction of the vestibule and keratinized tissue after ridge augmentation
Utilizing Laser Technology to Manage Peri-Implant Disease
AGD Subject Code 135
9:00 am - 10:00 am
Samuel Low, DDS, MS, MEd
• Past President, American Academy of Periodontology
• Selected “Dentist of the Year” by the Florida Dental Association and winner of the Gordon Christensen Lecturer Recognition Award
• Distinguished Alumnus, University of Texas Dental School
• 30 years of private practice experience in periodontics, lasers and implant placement

While many protocols have been suggested for treating implant disease, few have demonstrated predictability. Most have centered on various methodologies including medicaments to “detoxify” an implant surface hopefully with resulting repair/regeneration. This presentation will identify the present knowledge base of peri-implant pathology including multiple etiologies. Examining the various implant surfaces, concepts will be developed on how their individual characteristics have an impact on resolution. A brief review of current laser wavelengths as to their end point targets including dental implants, as well as hard and soft periodontal tissues will give rise to a potential systems approach in managing implant disease. In vitro and clinical research will be presented to demonstrate creating implant surfaces devoid of toxicity and receptivity to regeneration with no adverse events especially thermal modifications. A review of clinical cases resulting in repair and regeneration of bone will be established, detailed protocols will be described with respective wavelengths for both peri-mucositis and implantitis.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Identify various laser wavelengths and their respective targets
2. Understand how laser technology can decontaminate implant surfaces and bio-stimulate the surrounding periodontium
3. Adopt specific protocols for managing peri-implant disease

Soft Tissue Management for Bone Augmentation
AGD Subject Code 695
11:00 am - Noon
Marius Steigmann, DDS, PhD
• Recipient of “Semmelweis,” Budapest University Dental School Department of Oral and Maxillofacial Surgery
• Founder and Scientific chairman of “Update Implantology Heidelberg,” 2002-2012
• Private practice, Neckargemund, Germany

Over time, bone augmentation has moved from highly specialized clinics into the dental office. With the help of modern grafting material the augmentation volume in the dental office has increased year by year. However, the main issue remains soft tissue closure for high volume augmentation, especially in the posterior mandible and posterior maxilla. We developed special flap designs and suturing techniques specific to location to solve this ongoing soft tissue management problem. The participants will learn how to solve this soft tissue closure problem according to location.

Different tissue biotypes react different to surgical trauma. For this reason we have adjusted the surgical approach to the biotype (tissue thickness) specific to each patient and location in the oral cavity. The tissue thickness dictates the way it is manipulated for high volume augmentation. Thick biotype can be managed in a classical manner. On the other hand, thin biotype needs new surgical approaches with specific instruments.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand scar formation
2. Perform flaps for surgery
3. Suture against tension
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**AAID 2017 Schedule of Events**
- **New Innovations Session** - Wednesday 11am
  Dan Holtzclaw, DDS, MS
- **Exhibition** - Thursday through Saturday
  Booth #507
- **New Sizes** - For Site Preservation, Immediate Implants and GBR starting at $29!

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Hands-on Workshops include presentations, demonstrations, with at least 30% of the program allocated to hands-on activities by the participants. In order to maximize the learning experience, Hands-on Workshops may be limited in the number of participants allowed. You are encouraged to register for these Workshops as early as possible as they tend to fill up quickly. Unless otherwise noted, each Workshop is priced at $199 ($219 if registration for Workshop is received after September 12, 2017).

**W1: Full-Arch Guided Surgical Denture Conversion to a Fixed Prosthesis Technique**

AGD Subject Code 610
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

**Bart Silverman, DMD, DABOI/ID**
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Diplomate, American Board of Oral and Maxillofacial Surgery
- Clinical Associate Professor, New York Medical College
- Faculty, Touro Dental School and NYU Post Graduate Continuing Education Dental Implant Program
- Private Practice, New City, New York

Almost one-half of adults in the United States have missing teeth and approximately 37 million are edentulous. These numbers are expected to grow to 37.8 million by 2020. Placing four to six implants and immediate-loading with a fixed denture is a very rewarding procedure that can be performed in any dental office. A step-by-step technique will be discussed from treatment planning, workup, surgical-guided fabrication, implant placement, characteristics needed for immediate-load and immediate-denture conversion.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Understand the recent advances of all-on-four® to six implant technology
2. Treatment plan a fully edentulous maxilla and mandible or partially edentulous patient with a failing dentition
3. Incorporate CBCT technology into 3D implant treatment planning and guide fabrication and production
4. Discuss the complete denture conversion process
5. Achieve more predictable results regarding esthetics, function and cost on future implant cases through full-arch guided surgical denture conversion to a fixed prosthesis technique

**W2: Full-Arch Rehabilitation Utilizing Tilted Implants from a Surgical and Prosthetic Perspective**

Sponsored by Neodent USA, Presidential Sponsor

AGD Subject Code 690
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

**Alexandre Molinari, DDS, MSc, PhD**
- Director of Clinical Professional Relations, Neodent USA, Inc
- Specialist in periodontics, University of Santa Catarina
- Former professor, ILAPEO, Curitiba, Brazil

Full-arch rehabilitation with dental implants in edentulous patients with compromised remaining teeth is a highly predictable treatment. The implant position and abutment placement must be evaluated regarding the pre-existing setup denture. Virtual planning before the surgery, looking to reduce the cantilever and have the screw access in an ideal position inside the hybrid prosthesis, is important.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Recognize the three-dimensional position of the implants, as well as bone reduction, are crucial points for treatment success
2. Appreciate the importance of virtual planning in reducing time and optimized final treatment
3. Convert a denture for a provisional prosthesis chairside
1:00 pm - 4:00 pm
W3: Transcrestal Approach Sinus Augmentation with CAS-Kit: Overcoming Common Vertical Ridge Deficiency in Posterior Maxilla
Sponsored by Hiossen, Inc., Gold Sponsor

David Chong, DDS, DABOI/ID
- Diplomat, American Board of Oral Implantology/Implant Dentistry
- Consultant and Advisor, New Jersey State Board of Dentistry
- Faculty Member, New York University College of Dentistry’s Surgical and Prosthetic Implant Treatment Program
- Private practice, general dentistry, Queens, New York

In the posterior maxilla, residual bone height is limited by the presence of the sinus and often plays a key factor in the placement of dental implants. A sinus lift is the ideal approach when evaluating an atrophic maxillary ridge with deficiency in vertical height to build additional bone in order to place a solid and stable implant. The Crestal Approach Sinus Kit (CAS-Kit) is the superlative tool for performing this procedure because it combines the advantage of high volume bone placement of the lateral window approach with the simplicity of the transcrestal approach. The CAS-Kit makes this treatment option more accessible than ever.

The transcrestal approach to sinus lift surgery is a less invasive technique than traditional approaches of elevating the sinus membrane for dental implant placement in the maxillary region. The specially designed CAS-Stopper System provides precise depth control and helps the clinician to avoid perforation of the sinus membrane. A Hydraulic Lift System further promotes patient safety by using the gentle delivery of saline to elevate the Schneiderian membrane. Patients benefit greatly from the transcrestal approach performed with CAS-Kit, as this less traumatic method promotes a shorter healing time than lateral window approaches.

This interactive course provides an opportunity for participants to expand their knowledge base and clinical skills to allow for management of simple maxillary sinus cases. Through the use of lecture and participation activities, doctors will learn how to perform the transcrestal augmentation technique utilizing the CAS-Kit to build bone in the posterior maxilla. Emphasis will be placed on simple and practical approaches to place dental implants simultaneously with sinus lift on flat or inclined sinus floor.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Attain proficiency in the anatomy of the sinus
2. Perform conventional transcrestal sinus lift technique using osteotome verses contemporary approach to lift sinus technique using various tools
3. Show familiarity with the indications and contraindications of transcrestal approach sinus lift
4. Understand indications and contraindications using various bone graft materials
5. Describe the advantages and limitations of using a transcrestal approach
6. Manage complications
7. Display elevated surgical skills through practice on a sinus model
8:00 am - Noon

W4: Hands-on Surgical and Prosthetic Exercises: Implant Training from Singles To Overdentures

AGD Subject Code 690
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

Joseph A. Leonetti, DMD, FAAID, DABOI/ID
• Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Diplomate, American Board of Oral and Maxillofacial Surgery

Alvaro Gracia, DMD, FAAID, DABOI/ID
• Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Private practice, Norton, Massachusetts

This course is designed for doctors with limited to intermediate experience in dental implant surgery. This hands-on course will use a variety of models to practice socket grafting, ridge preservation techniques, suturing, implant placement, and temporization. Immediate vs. delayed implant placement will be reviewed. In addition, participants will have the opportunity to review prosthetic choices, temporization, and perform impression techniques. This course will be taught in an interdisciplinary style by an oral surgeon and a prosthodontist.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Perform implant site development techniques including socket graft, ridge preservation, and suturing
2. Place implant fixtures and temporization
3. Perform impression techniques

8:00 am - Noon

W5: Osseodensification: Optimize the Site—Optimize the Outcome

AGD Subject Code 690
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

Bernee Dunson, DDS, FAAID, DABOI/ID
• Honored Fellow and Treasurer, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Private practice, Atlanta, Georgia

Salah Huwais, DDS, DABOI/ID
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Diplomate, American Board of Periodontology
• Adjunct Assistant Clinical Professor, University of Minnesota Dental Implant Program
• Private practice, Jackson, Michigan

This half-day training will minimize the learning curve and help participants understand the science behind osseodensification.

The program provides two hours of didactic scientific education and additional two hours of hands-on simulation with actual bone specimens and simulation models. This course teaches the clinical versatility of osseodensification utilizing the Densah® Bur Technology.
1. Compaction Autografting technique
2. Review Densification Guide for any implant system
3. Site optimization utilizing the Densah® Bur to increase implant stability
4. Sub-Crestal Sinus Autografting Procedure
5. Densify After Cut (DAC) Protocol. (DAC)
6. Ridge Expansion and the Plus1® Protocol
7. Universal Guided Surgery Protocol

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the scientific principle of osseodensification
   i. Discuss its effect on implant stability and what it means biomechanically and histologically (BIC, Bone Volume)
   ii. Describe implant micro-motion and its clinical significance.
   iii. Optimize bone with adequate instrumentation.
2. Discuss the biomechanical validation of osseodensification
3. Review the clinical and the histological evidence of osseodensification
4. Optimize the site for predictable outcome
5. Enhance implant practice to create more with less
**8:00 am - Noon**  
**W6: Peri-implantitis: Technology is the Key to Treatment**

**AGD Subject Code 135**  
**FEE**: $199 ($219 after 9/12/17)  
**LIMITED TO 20 PARTICIPANTS**

**Ed Kusek, DDS, FAAID, DABOI/ID**
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Adjunct professor, University of South Dakota Dental Hygiene School
- Private practice, Sioux Falls, South Dakota

Peri-implantitis is becoming a major issue as some clinicians have reported that as many as one-third of all implants placed will develop this inflammatory disease. The didactic portion will discuss common scenarios, literature review, current findings, and the use of different types of laser energy to treat peri-implantitis that have been successful. The participant will be given hands-on use of different types of lasers to treat implants and practice proven treatment protocol.

**Learning Objectives: At completion of this presentation, participants should be able to:**
1. Understand treatment protocol to treat peri-implantitis with use of lasers
2. Determine which lasers have best detoxification of the implant surface
3. Describe protocol to treat peri-implantitis with biologic modifiers

**8:00 am – Noon**  
**W7: The Value of Safety and Precision in Prosthetically Driven Guided Implantology: Simplicity & Predictability**

Sponsored by MIS Implants Technologies, Presidential Sponsor

**AGD Subject Code 695**  
**FEE**: $199 ($219 after 9/12/17)  
**LIMITED TO 20 PARTICIPANTS**

**Miguel D. Vidal, DMD, MS**
- Certificate in Prosthodontics and Masters of Science, University of North Carolina at Chapel Hill
- Prosthodontist, Massachusetts General Hospital
- Private Practice, specializing in prosthodontics and implant dentistry, Winchester, Massachusetts

This course will encompass the utilization of 3D-CAD/CAM guided implantology from the diagnostic phase to the planning and the execution phases focusing on safety and precision in order to produce functionally and esthetically stable clinical outcomes. It is designed for clinicians who want to take their clinical and technological skills to the highest level with the most modern technology available. Prosthetic-driven planning, CBCT imaging, and 3D implant planning software will be discussed to familiarize attendees with the computer planning portion of the process. Guided key-free surgical techniques will be discussed, allowing clinicians to work comfortably anywhere in the mouth in a less cumbersome manner. The hands-on portion of the course will utilize a new and innovative conical connection implant, and will allow attendees to use patient specific surgical guide with a corresponding surgical kit to place implants in a fully-guided procedure and also learn how to immediately temporize an implant. Complications and management related to implant reconstructions will also be discussed.

**Learning Objectives: At completion of this presentation, participants should be able to:**
1. Appreciate and understand the value of safety and precision in dental implantology utilizing face scanner, CBCT, and optical scanner from the diagnosis and treatment planning phase to the final surgical and prosthetic execution phase
2. Propose treatment plan from a perio-prosthodontic perspective using 3D-CAD/CAM technology in order to provide an ideal, functional, and esthetic outcome
3. Describe Stage I, II and III surgical and prosthodontic protocols
4. Perform fully-guided surgery (key-free) and temporize an implant on a model
5. Recognize the role of implant provisional in creating and maintaining soft tissue contours for implant esthetics
6. Understand the key determining factors affecting long-term stability
8:00 am – 10:00 am
**W8: Digital Photography and Radiography: Optimal Case Presentation for AAID Credentialing and Beyond**

AGD Subject Code 731
FEE: No Charge
LIMITED TO 50 PARTICIPANTS

Cheryl A. Pearson, DMD, FAAID, DABOI/ID
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Accredited Member, American Academy of Cosmetic Dentistry

This presentation will provide examination candidates and dental photography and radiology enthusiasts with key information on the photographic requirements necessary to become a successfully credentialed Associate Fellow or Fellow of the AAID. Techniques discussed will help ensure participants are prepared not only for credentialing, but also for future work, such as speaking engagements, working with patients and staff, and journal publication. Proper photographic and radiologic images will be discussed, including examples of crucial views and camera settings. Emphasis on the ability to communicate case information in a concise and timely manner also will be highlighted. Course registrants must bring their own cameras, lenses, retractors, o-rings, and side mirrors to this session.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Craft proper photographic and radiologic images required for the Associate Fellowship and Fellowship credentialing examinations
2. Develop a precise and time-savvy systematic approach to the oral case presentation
3. Become more familiar with best practices for photography and radiologic images you can utilize as you grow your practice

1:30 pm – 5:30 pm
**W10: Successful Bone Graft and Sinus Lift Surgery: Hands-On Workshop Using Anatomic Models**
Sponsored by Neobiotech USA, Diamond Sponsor

AGD Subject Code 315
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

Dennis Smiler, DDS, MScD, AFAAID
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral and Maxillofacial Surgery

This workshop gives participants a chance to practice and perfect their skills for guided bone regeneration and sinus lift surgery using the latest techniques and materials: titanium mesh, autogenous bone collector, lateral window, and crestal sinus lift kits.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Describe a simple method to obtain autogenous bone
2. Relate the use of bone screws, titanium mesh, and guided bone regeneration techniques
3. Describe innovative sinus lift surgery techniques (crestal and lateral window approach)
1:30 pm - 5:30 pm

**W11: Hands-on Digital Treatment Planning and Guided Surgery**

Sponsored by Nobel Biocare, Presidential Sponsor

AGD Subject Code 697
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

Kyle Stanley, DDS

- Dental implant residency and implant specialty, Florianopolis, Brazil
- Top 10 Young Educators in Dentistry, Seattle Study Club

This presentation will showcase the digital workflow and how to avoid problems by utilizing technology with a hands-on application. Participants will work with the NobelClinician™ software and treatment plan a dental implant case. They will also work with the NobelGuide™ surgical kits, surgical templates, and models.

**Learning Objectives:** At completion of this presentation, participants should be able to:

1. Understand the NobelClinician™ software
2. Become familiar with guided surgery components
3. Treatment plan for restoratively-driven implant dentistry

1:30 pm - 5:30 pm

**W12: One-Step Alveolar Ridge Preservation Using OsteoGen® Bone Grafting Plugs without a Membrane Plus Advanced Surgical Concepts in Bone Regeneration**

Sponsored by IMPLADENT LTD., Presidential Sponsor

AGD Subject Code 499
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

Robert J. Miller, DDS, FAAID, DABOI/ID

- Honored fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Chairman, Department of Oral Implantology, Atlantic Coast of Dental Research Clinic, Palm Beach, Florida
- Director, The Center of Advanced Aesthetic and Implant Dentistry, Delray Beach, Florida

This course will demonstrate a series of simple and predictable clinical uses for bone regeneration using OsteoGen® Bone Grafting Plugs, Strips and Blocks with or without implant placement. Speakers will review simple and cost effective surgical techniques for both everyday tooth extractions as well as advanced surgical procedures using OsteoGen® Bioactive Resorbable calcium apatite crystals combined with Achilles tendon collagen as a composite material. Speakers will cover clinical guidelines and surgical procedures for ridge preservation, sinus lift as well as grafting around immediately-placed implants.

**Learning Objectives:** At completion of this presentation, participants should be able to:

1. Demonstrate simple, predictable and cost effective socket grafting techniques without the use of a membrane using the OsteoGen® Bone Grafting Plugs
2. Use surgical applications covering post-extractions placement including filling interproximal and facial gaps after extraction using OsteoGen® Plugs and Strips
3. Relate the latest techniques for successful sinus elevation and bone grafting for implant placement
4. Biologically modify cost effective biomaterials for enhanced bone regeneration
1:30 pm - 5:30 pm
W13: Full-Arch Implant Solutions from Overdentures to Fixed Ceramics
Sponsored by Glidewell Dental, Presidential Sponsor

AGD Subject Code 690
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

Jack Hahn, DDS, FAAID, DABOI/ID
• Honored Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Recipient, Aaron Gershkoff/Norman Goldberg Award, American Academy of Implant Dentistry

Siamak Abai, DDS, MS
• Faculty appointment, UCLA School of Dentistry
• Private practice, esthetics, reconstructive and implant dentistry, Newport Beach, California

This workshop takes an in-depth look at the latest full-arch implant solutions, from the basic overdenture to the monolithic zirconia implant prosthesis. The presenters explore the advantages of each restorative option, review treatment protocols, and explain the clinical considerations involved in determining the ideal solution for each patient. This course also provides a hands-on experience with the placement of implants for a full-arch fixed restoration and the conversion of a removable denture to a fixed provisional.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Articulate the pros and cons of removable versus fixed implant restorations
2. Provisionalize fully edentulous implant cases
3. Convert overdentures to fixed restorations
4. Take advantage of newly developed implant designs in full-arch situations
5. Understand digital treatment planning and know when to consider guided surgery
6. Perform immediate extraction and implant placement for full-arch restorations
7. State the clinical benefits of PMMA temporaries and when to use them
8. Immediately convert patient’s denture at the time of implant placement
9. Appreciate the benefits of monolithic zirconia full-arch implant prosthesis

1:30 pm - 5:30 pm
W14: Socket Preservation, Ridge Regeneration and Implant Surgery Utilizing Bone Allografts

AGD Subject Code 691
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

Matt Young, DDS, FAAID, DABOI/ID
• Honored Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology
• President, Bay Area Implant Synergy and San Francisco Dental Society
• Private Practice, Downtown San Francisco, California

Christopher Petrush, DDS, AFAAID, DABOI/ID
• Associate Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Vice President, American Academy of Implant Dentistry Western District
• Private Practice, Pleasant Hill, California

Every year more dental implants are placed and restored worldwide. Current implant principles dictate implant placement for optimal form, function, and esthetics and not simply where the available bone is. With this in mind, proper management of an extraction socket is essential. After an extraction, up to 50% of a socket can be lost within the first year. The majority of this occurs in the first three months. The loss usually occurs at the expense of the thinner buccal plate creating a compromised site. Proper socket management at the time of extraction results in a less complex staged implant placement. Without proper socket management ideal implant placement may require multiple, complex and expensive surgeries with less predictable results.

This course will explore the current advances in grafting techniques utilizing allograft bone materials. Hands-on training to preserve post-extraction sockets and reconstruct bone in sites with buccal plate defects is included. The presenters will discuss when it is appropriate to place an implant at the time of extraction and the current practical protocols. Biologic and clinical considerations will be discussed to simplify implant therapy both at the surgical and prosthetic level.

The hands-on training and techniques and procedures practiced can be used in your practice immediately.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Diagnose and manage extraction and grafting
2. Diagnose and manage ridge repair and augmentation
3. Understand the principles and decision making of immediate implant placement
4. Provide socket grafting, ridge repair, suturing, and membrane placement
Do you qualify to join THE advanced implant Zirconia network?

5-YEAR STUDY

100% SUCCESS RATE

As presented at the ICDI Annual Symposium 2017

219 Prettau® Zirconia Full-Arch Bridges

153 Patients

0% Chips, Cracks or Fractures

98 Mandibular, 121 Maxillary

51 Full Detention Replacement, 102 Prettau® Opposing Natural Teeth (or Denture)

Teeth Tomorrow® is the permanent solution for patients suffering from major dental issues.

- Prettau® Zirconia Dental Implant Bridges manufactured by Tischler Dental Laboratory are the only full-arch product with a documented 100% success rate for bridges in service from 1 to 5 years.
- The Teeth Tomorrow® delivery protocol has set a new paradigm for practices for the optimal patient experience.
- The Teeth Tomorrow® Media Group provides our member practices with world-class advertising and marketing vehicles proven to bring in new patients, and expand full-arch cases.

Do you qualify to join the fastest growing dental implant network in the US? Membership in the Teeth Tomorrow® Network is only available to a limited number of Advanced Implant Dentists. Exclusive market territories are being filled across the country each week. To find out if a territory is available for your practice, contact our Network Support Team at 845.679.1280 or email info@teethtomorrow.com.
W15: Hands-On Implant Placement and Bone Grafting on Cadavers
Sponsored in part through a grant from Zimmer Biomet Dental

Friday, October 13
8:00 am - 5:30 pm

AGD Subject 691
LOCATION: Center for the Future of Surgery
UC San Diego School of Medicine
9500 Gilman Drive MC 0740
La Jolla, California 92093
(Transportation will be provided)

FEE: $1,495 for AAID members, non-members who registered for 2017 AAID Annual Conference
$1,695 for all others

LIMITED TO 24 PARTICIPANTS

This hands-on course is designed for the basic to intermediate implant dentist. Lectures will include suturing, bone grafting, socket preservation, ridge augmentation with membrane, block grafting, crestal and lateral sinus grafting techniques, osteotomising, and immediate implant placement. Participants will have the opportunity to perform implant surgery, bone grafting, sinus lifts, extractions, ridge spreading, and surgically-related anatomic dissection on cadavers.

This full-day course will take place at the Center for the Future of Surgery at UC San Diego School of Medicine. Transportation to and from the Hilton San Diego Bayfront hotel will be provided.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Practice socket grafting, flap manipulation, and suturing
2. Review and place dental implants and immediate-load implants
3. Perform bone manipulation, membrane grafting, and block grafting
4. Practice crestal sinus grafting and lateral window sinus grafting

YOU MAY REGISTER FOR W15 HANDS-ON COURSE ON YOUR 2017 ANNUAL CONFERENCE REGISTRATION FORM. OR REGISTER SEPARATELY HERE.

CONTACT INFORMATION (Please write legibly.)

Last name: ___________________________________________ First Name: ________________________________

Degree(s): ___________________________ Name for Badge: __________________________

Address: ________________________________________________________________

City: ___________________________ State: ___________ Zip: ___________ Country: __________________________

Phone: ___________________________ Fax: ___________________________ Email: __________________________

Size for AAID Logo Scrubs: (Circle one size each for top and bottom)
TOP: M L XL BOTTOM: M L XL

Will you require round trip transportation between Hilton San Diego Bayfront and the Center? ____ Yes ____ No

Return form to AAID by mail or fax or register online at www.aaid.com:
American Academy of Implant Dentistry
211 E. Chicago Avenue; Suite 750
Chicago, IL 60611
Phone: 312-335-1560
Fax: 312-335-9090

AMOUNT:
_______ $1495 — AAID MEMBERS AND NON-MEMBERS WHO REGISTER FOR 2017 ANNUAL CONFERENCE
_______ $1695 — ALL OTHERS

METHOD OF PAYMENT
☐ Check Enclosed ☐ Visa ☐ MasterCard ☐ American Express ☐ Discover

Card No. ___________________________ Card Exp. Date: ___________ Security Code ________

Signature: ___________________________
INSTRUCTORS

Joseph C. D’Amore, DDS, AFAAID, DABOI/ID
- Associate Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Author, Journal of Oral Implantology
- Private practice, general, cosmetic, implant, and reconstructive dentistry, Englewood, New Jersey

Bernee Dunson, DDS, FAAID, DABOI/ID
- Honored Fellow and Treasurer, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Private practice, Atlanta, Georgia

Ira Goldberg, DDS, FAAID, DABOI/ID
- Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Private practice, Morris County, New Jersey

Kirk Kalogiannis, DMD, AFAAID, DABOI/ID
- Associate Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Clinical Associate Professor, Cariology and Comprehensive Care, New York University College of Dentistry, New York City, New York
- Private practice, implantology and esthetics, New York City, New York

Joseph A. Leonetti, DMD, FAAID, DABOI/ID
- Fellow of the American Academy of Implant Dentistry
- Diplomate of the American Board of Oral Implantology/Implant Dentistry
- Diplomate of the American Board of Oral and Maxillofacial Surgery

Lawrence Nalitt, DDS, AFAAID, DABOI/ID
- Associate Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Recipient, Paul Johnson Service Award, American Academy of Implant Dentistry
- Private practice, Brooklyn, New York

Bart Silverman, DMD, DABOI/ID
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Diplomate, American Board of Oral and Maxillofacial Surgery
- Clinical Associate Professor, New York Medical College
- Faculty, Touro Dental School and NYU Post Grad Continuing Education Dental Implant Program
- Private Practice, New City, New York

Matt Young, DDS, FAAID, DABOI/ID
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- President, Bay Area Implant Synergy and San Francisco, Dental Society
- Private Practice, Downtown San Francisco

REGISTRATION INFORMATION

Registration fee of $1,495 for AAID members or non-members who registered for the 2017 AAID Annual Conference ($1,695 for all others), includes:
- All course instruction PLUS
- Round trip transportation to the Center for the Future of Surgery - UC San Diego School of Medicine from the Hilton San Diego Bayfront
- Continental breakfast
- Lunch
- Personal protection equipment
- All necessary tools to participate
- AAID monogrammed scrubs (be certain to indicate desired sizes on registration form)

Essential implant information to keep you current

ADA CERP® Continuing Education Recognition Program
American Academy of Implant Dentistry is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of Dentistry. American Academy of Implant Dentistry designates this activity for 7.5 continuing education credits.

Approved PACE Program Provider 1429/MAO Credit
Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement.

The current term of approval extends from May 1, 2017 to April 30, 2021
Provider No. 214869

8:00 am – 5:30 pm

**W16: Guided “All-On-X” – The Next Generation: A Hands-On Workshop**

AGD Subject Code 696

FEE: $398 ($438 after 9/12/17)

LIMITED TO 40 PARTICIPANTS

Natalie Wong, DDS, Cert. Prosth., FAAID, DABOI/ID

- Honored Fellow and Vice President, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Diplomate, American Board of Prosthodontics
- Private practice, limited to prosthodontics and implant surgery, Toronto, Ontario, Canada

Daniel R. Llop, CDT

- Founder and President of nSequence Center Advanced Dentistry.
- Faculty at the Pikos Institute in Florida and PermaDontics in Southern California
- Graduate of the Institute of Dental Technology

The goal of implant dentistry is to provide esthetic and functional replacements for missing teeth on a long-term basis. The overall excellence and fit of an immediate fixed full-arch implant restoration is dependent upon the precision and accuracy of each and every step in both the surgical and prosthetic phases.

In today’s digital world, innovative technology such as Interactive Computed Tomography (ICT), Digital, and Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) have been developed to better guide us along this path. They pave the way for us to diagnose, treatment plan, and create functional esthetic restorations for our patients in a more efficient and predictable manner.

This program will address current concepts, research, and advances in digital treatment planning, digitally guided surgery and immediate CAD/CAM restorations. Guided Surgery, and now Guided Prosthetics protocol will be illustrated for full-arch reconstructions. It is the synergy of all of these digital developments that allow us to simplify the process and increase predictability in delivering overall patient satisfaction.

A step-by-step hands-on workshop detailing the surgical and the prosthetic steps for an immediate fixed full-arch implant restoration is included in this comprehensive program.

**Learning Objectives:** At completion of this presentation, participants should be able to:

1. Understand the diagnosis, treatment planning and records needed for an immediate full-arch implant reconstruction case
2. Realize the benefits of using virtual wax ups and other new methods to create a streamline and predictable workflow
3. Understand the prosthetic steps including immediate prosthetic pick up as well as steps in creating, the final full-arch restoration
4. Apply an appropriate post-operative and maintenance regimen for cases with a full arch immediate prosthesis

8:00 am - Noon

**W17: Soft Tissue Management: A Hands-On Workshop Using Pig Jaws**

AGD Subject Code 690

FEE: $199 ($219 after 9/12/17)

LIMITED TO 30 PARTICIPANTS

Nicholas Caplanis, DMD, MS, FAAID, DABOI/ID

- Honored Fellow and Past President, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Diplomate, American Board of Periodontology
- Assistant Professor and part-time faculty, Graduate Program in Implant Dentistry, Loma Linda University School of Dentistry
- Private practice, limited to periodontics and dental implant surgery, Mission Viejo, California

Soft tissue esthetics are a critical component of successful dental implant treatment. Advances in periodontal plastic surgery allow for the correction of soft tissue deficits and to improve tissue esthetics around teeth, as well as implants. The lecture presentation will focus on the indications for oral plastic surgery and the techniques that can be used to enhance soft tissue esthetics before, during and after implant placement. The hands-on workshop will focus on the instruments and techniques used to harvest and apply free gingival, connective tissue, and pedicle grafts, including various suturing techniques, using pig jaws.

**Learning objectives:** At completion of this presentation, participants should be able to:

1. Understand the indications and limitations of soft tissue grafting
2. Perform soft tissue grafting techniques including free gingival grafts, subepithelial connective tissue grafts, and pedicle grafts
3. Identify the most common causes of soft tissue deficits and understand how to avoid them
8:00 am - Noon

W18: Introduction to Piezoelectric Technology in Implant Dentistry: A Hands-on Course

AGD Subject Code 719
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

John Russo, DDS, MHS
• Graduate, The Ohio State University College of Dentistry and the Medical University of South Carolina
• Private practice, Sarasota, Florida

This course will demonstrate how Piezo technology is used in a dental implant practice. The course is a lecture and hands-on laboratory format. The participant will perform a lateral sinus window on a model, use the bone scraper to harvest bone, and harvest a ramus graft.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Describe the advantages of Piezo technology versus a conventional rotary instrument
2. Understand how different tips can be used for different applications
3. Articulate potential complications of Piezo technology when protocol is not followed
4. Describe why Piezo is more ergonomic than a traditional hand piece and rotary bur

1:30 pm - 5:30 pm

W20: Introduction to Injectable Pharmacologics: Neurotoxins and Facial Fillers

AGD Subject Code 329
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

Bruce Freund, DDS
• Co-founder and CEO, American Academy of Facial Cosmetics
• Private practice, Englewood Cliffs, New Jersey

This workshop will provide an introduction to the various types of neurotoxins and facial fillers and their basic uses. The didactic portion will discuss the background of injectable pharmacologics and how they are used in healthcare professional offices. The hands-on portion will give attendees a chance to “mark” each other prior to neurotoxin injections. Live model demonstration will be provided.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Know the names and uses for neurotoxins
2. State the names and uses for facial fillers
3. Recognize the injection safety areas for neurotoxin injections
1:30 pm - 5:30 pm
W21: Ridge Augmentation Solutions: Hands-on Pig Jaw

Suheil M. Boutros, DDS, MS, DABOI/ID
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Diplomate, American Board of Periodontology
- Dean’s faculty, University of Michigan School of Dentistry, Ann Arbor, Michigan.
- Private practice, periodontal and dental implant surgery, Grand Blanc, Michigan.

Bone management is one of the key elements for achieving success in implant dentistry. Implant site development at the time of tooth extraction should be considered to prevent bone loss and allow for ideal implant placement. This presentation will demonstrate how to perform atraumatic tooth extraction and how to do socket preservation/ridge augmentation. The decision tree in selecting the appropriate grafting materials will be discussed. The second part of the presentation will discuss how to successfully grow bone through Guided Bone Regeneration (GBR) as well as ridge expansion/split. The hands-on portion will demonstrate the type of instruments and techniques for GBR as well as ridge expansion/split.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Perform socket preservation, flap manipulation, and suturing techniques
2. Place implants in extraction sockets including the placement of trabecular metal implant as a rescue implant
3. Understand Guided Bone Regeneration as well as ridge expansion/split through viewing video demonstrations
4. Recognize and practice the use the appropriate armamentarium including the piezoelectric surgery necessary for those procedures during the hands-on portion of the program

1:30 pm - 5:30 pm
W22: Mini Implants to Fixed Prosthesis: A Spectrum of Solutions for the Edentulous Patient

Paresh B. Patel, DDS
- Graduate, University of North Carolina at Chapel Hill School of Dentistry and the Medical College of Georgia/AAID MaxiCourse®
- Clinical Instructor, Reconstructive Dentistry Institute
- Private practice, Lenoir and Mooresville, North Carolina

This course takes an in-depth look at the latest full-arch implant solutions. From the basic overdenture, to the fixed monolithic zirconia implant prosthesis. The presenter explores the advantages of each restorative option, reviews their treatment protocols, and explains the clinical considerations involved in determining the ideal solution for each patient. This course also provides the experience of converting a removable denture to a fixed provisional.

Learning Objectives: At completion of this presentation, participants should be able to:
1. State the pros and cons of removable versus fixed implant restorations
2. Understand mini implant applications for edentulous and partially edentulous patients
3. Provisionalize fully edentulous implant cases
4. Convert overdentures to fixed restorations
5. Perform immediate extraction and implant placement for full-arch restorations
6. Explain the use and clinical benefits of PMMA temporaries
7. Provide immediate conversion of the patient’s denture at the time of implant placement
8. Explain why the use of BruxZir® Full-Arch Implant Prosthesis is advantageous
1:30 pm - 5:30 pm
W23: Clinical Consideration for CAD/CAM Guided Implant Surgery
Sponsored by Neobiotech USA, Diamond Sponsor

AGD Subject Code 696
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

Sil Park, DMD
• Assistant clinical professor, Division of Advanced Prosthodontics, UCLA School of Dentistry
• Director, implant prosthodontics course of the surgical implant dentistry, Advanced Clinical Training Program, Brentwood Extension of UCLA’s Dental Surgical Center

CAD/CAM guided surgery in implant dentistry can significantly improve the safety and predictability of the outcome of dental implant treatment. However, inadequate understanding and usage of CAD/CAM guided implant surgery systems may result in catastrophic surgical failures and complications such as fixture malposition, nerve and tissue injury, and adjacent tooth damage. This course will review the concepts and limitations of currently available CAD/CAM guided implant surgery systems and corresponding possible clinical complications and solutions. Specific surgical protocols for CAD/CAM guided implant surgery will be discussed followed by hands-on session.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the concept of CAD/CAM guided implant surgery
2. Appreciate the required clinical and laboratory procedures for the successful CAD/CAM guided implant surgery
3. Relate the limitations and possible errors of CAD/CAM guided implant surgery
4. State the preventive measures and solutions to reduce the errors in CAD/CAM guided implant surgery
5. Practice the surgical protocol of CAD/CAM guided implant surgery with a model and guides

1:30 pm - 5:30 pm
W24: The Use of Autologous Biologics to Enhance Bone Grafting Success in Oral Implantology

AGD Subject Code 704
FEE: $199 ($219 after 9/12/17)
LIMITED TO 30 PARTICIPANTS

Robert J. Miller, DDS, MA, FAAID, DABOI/ID
• Honored Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Chairman, Department of Oral Implantology, Atlantic Coast of Dental Research Clinic, Palm Beach, Florida
• Director, The Center or Advanced Aesthetic and Implant Dentistry, Delray Beach, Florida

This workshop will discuss strategies for treatment of the complex implant site involving bone grafting and implant placement. An understanding of cellular pathways, and the ability to control the wound response, expands our capacity to effect better esthetic outcomes and compress treatment time. The reduction of the inflammatory phase of tissue regeneration speeds up osseointegration, prevents crestal bone loss, maintains papillary form, increases the density of peri-implant bone, and enhances tissue biotype. This protocol enables predictable treatment of even the most complex surgical cases, compresses time to final reconstruction, and maintains these favorable tissue outcomes over an extended period of time.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the role that autologous growth factors play in tissue regeneration
2. State the reasons for early complications and failures in grafting procedures
3. Develop clinical strategies to include autologous growth factors in implant surgery
W25: Implant Placement Using Ridge Expansion

AGD Subject Code 315
FEE: $199 ($219 after 9/12/17)
LIMITED TO 36 PARTICIPANTS

Stuart Orton-Jones, BDS
- Founding member, Pankey Association
- Member, American Academy of Implant Dentistry
- Member, Association of Dental Implantologists
- Frequent lecturer throughout the world on implant topics

In areas where there is poor bone density a technique exists whereby the bone can be compacted towards the walls of the socket being prepared. This increases the density of the socket wall and results in better primary stability of the implants. There are frequently situations in which alveolar ridge width is not adequate to allow the placement of implants with the diameter required. In these circumstances bone grafting can be performed to increase the width of the ridge. In all but the narrowest of ridges, bone expansion may be performed to widen the ridges followed by implant placement at the same visit. This saves the patient four to six months as well as the cost and discomfort of the bone grafting procedure. Combination drilling and ridge expansion is suitable for slightly more dense ridges where expansion alone is not possible. Sinus and nasal cortical floor elevation allows longer implants to be placed in the anterior and posterior maxilla where the ridge height is insufficient.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Diagnose and treat suitable cases with ridge expansion and compaction
2. Compact ridges
3. Expand suitable ridges
4. Use a combination of drilling and expansion when placing implants

8:00 am - Noon
W26: Workshop on Intravenous Access

AGD Subject Code 342
FEE: $199 ($219 after 9/12/17)
LIMITED TO 24 PARTICIPANTS

Michael Mashni, DDS
- Past President, American Society of Dentist Anesthesiologists
- Diplomate, American Dental Board of Anesthesiology
- Private practice, anesthesia services for dentists concentrating on pediatric patients

This workshop will focus on helping participants improve their IV access techniques. Participation will be limited to provide individualized attention. Participants will practice on simulation aids. Topics will include site selections, aids, catheter selection, and discussion on how to improve the first attempt success rate.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the principles of IV access
2. Implement the tips taught to improve success rate
8:00 am – Noon
W27: Seamless Workflow from CBCT to In-House 3D Printed Surgical Stent: Hands-On Simplified Guided Surgery with Neo Navi
Sponsored by Neobiotech USA, Diamond Sponsor

AGD Subject Code 730
FEE: $199 ($219 after 9/12/17)
LIMITED TO 20 PARTICIPANTS

Jeffrey H. Brooks, DMD
• Associate Professor, Department of Oral and Maxillofacial Surgery
• Director, 3D Imaging and Director, Surgical Implantology, University of Tennessee Health Science Center College of Dentistry

Digital technology in dentistry is ever changing. Keeping up with the latest and greatest can be a challenge for the busy practicing dentist. Mastering the digital workflow can help treat our patients better, and more efficiently. This course focuses on recent technological advantages that are now available and how these can help augment a thriving implant practice. This course will briefly discuss new innovations in 3D diagnostic imaging, computer imaging technologies for both treatment planning and fabrication of surgical guides. An overview will be discussed regarding the recent advancements in 3D printing technology and affordable pricing that has allowed printing implant surgical guides to be practical in the dental office.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand new innovations in 3D imaging systems for implant dentistry
2. Apply computer imaging technologies and treatment planning software to create the digital patient
3. Appreciate the practicality of fabricating a surgical guide in the office to use for implant placement
4. Drill on a model through 3D printed surgical stent with simplified guided implant surgery

8:00 am - Noon
W28: Guidelines for the Use of Autologous Platelet Concentrate Technologies in Tissue Regeneration: L-PRF Workshop
Sponsored by Intra-Lock, Presidential Sponsor

AGD Subject Code 719
FEE: $199 ($219 after 9/12/17)
LIMITED TO 25 PARTICIPANTS

Nelson Pinto, DDS
• Professor, Graduate School of Periodontics and Implant Dentistry, University of the Andes, Santiago, Chile
• Founder and Chairman, Research Center for Regenerative Medicine and Tissue Engineering, Concepcion, Chile

Dynamic advances in regenerative technologies are profoundly affecting our basic understanding of the biologic mechanisms of clinical implant dentistry. These technologies have led to new treatment concepts affecting a broad spectrum of clinical conditions. This hands-on workshop gives the clinician the skills to combine these procedures in a predictable and simplified manner. Dr. Pinto, a distinguished pioneer in the field of tissue regeneration, presents a set of guidelines for the use of L-PRF and PRF-Block with a step-by-step approach. Live demonstrations as well as clinical video selections of each aspect of the process are carefully reviewed and analyzed. The workshop includes the fabrication of L-PRF and PRF-Block grafts. Each participant has the opportunity to handle L-PRF membranes as well as fabricate their own PRF-Block graft providing additional confidence in delivering these new treatment modalities to their patients.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand the science-based evidence for the applications of L-PRF
2. Explore guidelines for the use of L-PRF and PRF-Block with a step-by-step approach
3. Introduce different applications of L-PRF or PRF-Block in their daily practice
4. Relate many tips and suggestions about using different biomaterials
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- Our unique tapered design is anatomically correct, enabling easier implant placement, while providing enhanced primary stability.
- Designed to be a single surgery implant, that preserves both crestal bone, and soft tissue.
- Simple abutment placement due to the soft tissue level connection.
- Internal pentagon offers 5 secure, and positive abutment positions.
- Strong, stable, and retrievable abutment design utilizing large retention screws (2.0mm and 2.5mm).
- Internal tapered abutment connection to reduce the abutment/screw load.
- A lab “Friendly” system throughout the world.

Designed for Simplicity, Engineered for Strength.

Tatum Integrity Implants feature an internal pentagon offering 5 secure, and positive abutment positions.

Experience you can trust.
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1:00 pm – 4:00 pm

**S1: Stop Being Mediocre: Five Things You Need to Do Today to Improve Your Website and Online Marketing**

Sponsored by Advice Media, Gold Sponsor

ADG Subject Code 550
FEE: No Charge
LIMITED TO 50 PARTICIPANTS

**Chad Erickson**
- Founder, Surgery.com, PlasticSurgery.com, CosmeticSurgery.com and E6 Interactive
- Vice President of Sales & Business Development, Advice Media, Park City, Utah

Does your website say, “You are the best” or does it say “You are mediocre?” You have 2.9 seconds to make a first impression that will emotionally connect with your audience. Marrying that principle with five proven methods for driving new patient traffic to your website will allow you to blow away your competition and grow your practice.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Evaluate the effectiveness of their practice website
2. Drive new patient traffic to your website
3. Grow your practice

3:30 pm – 5:30 pm

**S3: How to Edit or Review a Scientific Paper**

AGD Subject Code 770
FEE: No Charge
LIMITED TO 30 PARTICIPANTS

**James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID**
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Editor-in-Chief, Journal of Oral Implantology
- Private practice, dental implants, Clarion, Pennsylvania

This course will teach reviewers and editors how to review a paper for a scientific journal, using the Journal of Oral Implantology as an example. The course will include an overview of the submission, review, and publication process, emphasizing the purpose and goal of peer review. Topics addressed will include qualifications of a good reviewer, what to look for in each section of a manuscript, and the types of comments which should be made both to the journal editors (sometimes called the cover letter) and to the manuscript authors (sometimes called the referee’s report). Also discussed will be issues of etiquette and confidentiality, and the benefits of reviewing.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Understand etiquette and confidential nature of being an editor or reviewer
2. Review a scientific article
3. Create cover letters and referee reports
8:00 am - Noon

S4: Simplifying Full-Arch

AGD Subject Code 690
FEE: $99 ($119 AFTER 9/12/17)
LIMITED TO 30 PARTICIPANTS

Frank R. LaMar, DDS
• Assistant Professor, Eastman Dental Center’s Department of Prosthodontics
• Developed the Hybridge Implant Protocols

In recent years, we have seen an explosive demand for full-arch treatment options. Due to increased patient expectations and the growth of immediate solutions, a range of surgical and prosthetic treatment protocols for full-arch reconstruction are now available. This session will address simplifying the complexity of full-arch restorations through a variety of measures.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Define exponential technology and understand the implications in the dental industry
2. Recognize that simplified full-arch protocols are essential to fulfilling the patient’s expectations
3. Identify available materials for full-arch and the indications for each

1:30 pm - 5:30 pm

S5: Immediate Loading with Implant Overdentures: Marketing Hype or Clinical Reality?

AGD Subject Code 675
FEE: $99 ($119 AFTER 9/12/17)
LIMITED TO 30 PARTICIPANTS

Michael D. Scherer, DMD, MS
• Assistant Clinical Professor, Loma Linda University
• Clinical Instructor, University of Nevada - Las Vegas
• Private practice, limited to prosthodontics and implant dentistry, Sonora, California

Surgical placement of dental implants for implant overdentures is predictable treatment for improving denture retention. This course aims to address the literature and the clinical reality of immediate loading concepts for traditional restoration and then focuses upon implant overdentures. This presentation also complements evidence-based publications by the speaker on this topic and presents a step-by-step understanding of when you can and cannot immediate-load overdentures. The presentation also includes strategies for diagnosis and treatment planning patient cases to ensure success.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand what virtual navigation surgery is
2. Plan surgical cases from cone beam scan
3. Incorporate virtual navigation into the implant practice

1:30 pm - 5:30 pm

S6: Virtual Navigation: Putting You in Control of Planning and Performing Precise Implant Surgery

AGD Subject Code 731
FEE: $99 ($119 AFTER 9/12/17)
LIMITED TO 25 PARTICIPANTS

Joel Rosenlicht, DMD, FAAID, DABOI/ID
• Honored Fellow and Past President, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Past President, American College of Oral Maxillofacial Surgeons
• Private practice, oral surgery and implant dentistry, Manchester, Connecticut

As the demands of implant placement both surgically and prosthetically have evolved, precision planning has become a standard procedure. Historically, the fabrication of rigid guides for precise implant placement has been the standard method. Rigid guides however have numerous potential shortfalls such as time to manufacture, cost, lack of ability to alter established treatment plan if necessary, stability during surgery, and inherent distortion of materials. Virtual planning eliminates all of these issues by being able to precisely drill osteotomies to both depth and angle as planned with constant visualization during surgery. Same-day planning and execution of treatment become easier to do. Patient acceptance of this technology has also been very impressive.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand surgical planning and placement of overdenture implants
2. Apply concepts of immediate loading of dental implants
3. Recognize indications for immediate loading of overdenture implants
1:30 pm – 5:30 pm
S7: Demystifying the AAID Oral and Written Exams: Increase Your Chances for Success

AGD Subject Code 770
FEE: No Charge
LIMITED TO 50 PARTICIPANTS

**David Resnick, DDS, FAAID, DABOI/ID**
- Honored Fellow and Central District Trustee, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Private practice, implantology and IV sedation, Ada, Minnesota

This course is for anyone who has ever considered becoming credentialed, but hesitated because s/he didn’t know what to expect. This half-day program has no charge to attend; however, registration is required. For a comprehensive look at photographic and radiologic imagery requirements for credentialing, be sure to check out “Digital Photography and Radiology: Optimal Case Presentations for AAID Credentialing and Beyond”, with Dr. Cheryl Pearson, on Thursday morning, from 8:00 am to noon. Many examinees experience fear and uncertainty as they go through the process of preparing for and taking the written and oral AAID Associate Fellow and Fellow exams. Presented by past examiners and past members of the Admissions and Credentials Board, this review course will provide a comprehensive look at the exams, including eligibility, logistics, subject matter, case requirements, and more, with particular emphasis on the oral exam. Attendees will observe an oral exam role played by examiners, and may participate individually in brief mock oral exams.

**Learning Objectives:** At the completion of this presentation, participants should be able to:

1. Identify where and when the oral exams can be taken
2. Familiarize yourself with what happens when you enter the oral exam room
3. Appraise the category of cases you are tested on, what is at each station and the process at each station during the oral exam
4. Relate what you should study to succeed in the oral exam
5. Differentiate the case requirements for oral board cases as well as what your records should include
6. Express how the testing process has been developed and how candidates are scored on records submitted and the oral exam

8:00 am - Noon
S8: Ridge Atrophy Treatment Concepts Utilizing Osseodensification and Blood-Derived Growth Factors

AGD Subject Code 498
FEE: $99 ($119 AFTER 9/12/17)
LIMITED TO 30 PARTICIPANTS

**Ziv Mazor, DMD**
- Clinical researcher, bone augmentation and sinus-floor elevation
  Continuing education faculty, New York University,
  New York City, New York
- Associate professor, Titu Maiorescu University, Bucharest, Romania
- Private practice, periodontal and implant dentistry, Ra’anana, Israel

Bone resorption sometimes makes implant placement a difficult task both in anterior as well as posterior regions demanding advanced surgical regenerative procedures. In some situations, it requires long-term treatment with an unpredictable prognosis. This presentation will focus on the concept of using new, innovative treatment approaches as well as unconventional surgical manipulations dealing with the atrophic ridge. The new concept of osseodensification will be presented enabling the clinician to preserve existing bone and enhance the outcome through a minimally invasive approach. Application of autologous growth factors taken from blood [L-PRF] will be highlighted allowing the clinician to reach the ultimate goal: bringing the patient the function and esthetics with his or her own teeth in a shorter time period.

**Learning Objectives:** At completion of this presentation, participants should be able to:

1. Identify and understand the need for bone regeneration and its modifications
2. Comprehend the concepts of Guided Bone Regeneration (GBR) and its modifications
3. Present state-of-the-art techniques and graft materials together with the osseodensification concepts
4. Introduce the benefits of using L-PRF as a source for autologous growth factors
8:00 am – Noon
**S9: Implant Complications and Their Management**

AGD Subject Code 690  
FEE: $99 ($119 AFTER 9/12/17)  
LIMITED TO 30 PARTICIPANTS

**Len Tolstunov, DDS, DMD, DABOI/ID**
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Diplomate, American Board of the Oral and Maxillofacial Surgery
- Private practice, oral surgery and implantology, San Francisco, California

Success of dental implants is well-known. At the same time, the number of implant emergencies and complications have been on the rise. Reasons for implant disease and failure are not always clear. The lecture will describe methods of comprehensive and objective implant evaluation, CBCT pre-operative assessment, local and systemic factors that predispose for implant failure, triangle of success in implant dentistry, bone grafting principles and techniques, soft tissue considerations and grafting techniques, occlusal and restorative concerns, importance of post-restorative maintenance. Peri-implantitis and management of peri-implant disease will be discussed in detail.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Understand the causes of implant disease
2. Conduct a comprehensive examination of implant patients
3. Describe the basis of implant success and related bone and soft tissue grafting techniques
4. Prevent and treat peri-implantitis

1:30 pm – 5:30 pm
**S10: Avoiding Iatrogenic Complications When Responding to Medical Emergencies**

AGD Subject Code 142  
FEE: $99 ($119 after 9/12/17)  
LIMITED TO 30 PARTICIPANTS

**Daniel Abell, DMD, EMT-P, AFAAID**
- Associate Fellow, American Academy of Implant Dentistry
- Paramedic working on an ambulance for Mercy Region EMS responding to 911 calls
- ACLS & BLS instructor for American Heart Association
- Private practice, general dentistry with an emphasis on sedation and surgery

Unfortunately, health care providers, in spite of their best intentions, may cause harm to their patients with their attempts to manage a medical emergency. The severity of their failed attempts can range from a mild inconvenience to a fatality for the patient. The purpose of this presentation is to learn from the mistakes of others. This presentation is based on the experiences the presenter and his paramedic colleges have had responding to emergencies at medical facilities.

**Learning Objectives:** At completion of this presentation, participants should be able to:
1. Respond to the medical emergencies discussed in a safe and effective way
2. Have a good understanding of hemodynamics and how they relate to medical emergencies
3. Respect personal limitations when responding to medical emergencies

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**SATURDAY, OCTOBER 14, 2017 | SEMINARS**

8:00 am – Noon
**S11: The Truth about Growth Factors: Separating Myth from Reality, and Drugs that Impact the Practice of Implant Dentistry**

AGD Subject Code 010  
FEE: $99 ($119 after 9/12/17)  
LIMITED TO 30 PARTICIPANTS

**James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID**
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate and Past President, American Board of Oral Implantology/Implant Dentistry
- Editor-in-Chief, Journal of Oral Implantology
- Private practice, dental implants, Clarion, Pennsylvania

This program will have two parts. Part one will focus on the scientific reasoning and evidence for enhancing natural growth factor concentrations at surgical sites. Autogenous growth factor use is a “hot” topic and this course will sort out reality from the myths. Part two of the program will focus on the effect systemic medications used to manage disease states can have on the practice of implant dentistry. The how-to for preventing or managing complications caused by these medications will be explained.

**Learning Objectives:** At completion of this presentation, participants will be able to:
1. Explain why growth factors are significant in the healing process of hard and soft tissues
2. Understand the significance of various commercial claims regarding autogenous growth factors
3. Describe how commonly prescribed medications affect immediate and long-term hard and soft tissue surgical outcomes
4. Effectively manage patients taking these medications
THURSDAY, OCTOBER 12, 2017

1:30 pm – 5:30 pm

3D Printing

AGD Subject Code 610
FEE: No Charge
LIMITED TO 100 PARTICIPANTS

SURGEON
Jaime Lozada, DMD, FAAID, DABOI/ID
• Honored Fellow and Past President, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Professor and Director, Advanced Education Program in Implant Dentistry, Loma Linda University, School of Dentistry

MODERATOR:
Antoanela Garbacea, DDS, MSD, FAAID, DABOI/ID
• Fellow, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Diplomate, American Board of Prosthodontics
• Faculty member, Implant Department, Loma Linda University School of Dentistry, Loma Linda, California

The American Academy of Implant Dentistry is well-known for broadcasting live surgeries directly to the AAID Annual Conference. This year is no exception. There will be interaction between the surgeon and the audience in San Diego, facilitated by Dr. Antoanela Garbacea. There is no charge for attending the live surgery broadcasts.

FRIDAY, OCTOBER 13, 2017

8:00 am – 5:30 pm

Procedural Sedation in Dental Practice: Essential Principles Revisited

AGD Subject Code 340
FEE: $398 ($438 after 9/12/17) – Full Day
$199 ($219 after 9/12/17) – Morning or Afternoon session only
LIMITED TO 50 PARTICIPANTS

Daniel Becker, DDS
• BS in Zoology at Ohio University, 1968; DDS from The Ohio State University, 1972
• Associate Director of Education, General Practice Dental Residency, Miami Valley Hospital, Dayton, Ohio
• Lectures extensively for dental organizations, colleges and universities on topics related to pharmacology, sedation and anesthesia, medical assessment, and medical emergencies

This full-day track will highlight essential scientific principles for the safe and effective use of moderate sedation in clinical practice. Essential pharmacology of drug classes having proven safety and efficacy will be addressed, as well as regimens for both oral and intravenous administration. Principles of appropriate patient monitoring, including capnography, along with the recognition and management of sedation-related complications will also be emphasized. NOTE: Students can choose to attend the full-day program, or the morning or afternoon programs. However, different material will be covered in each half-day session.

Learning Objectives: At completion of the morning portion of the presentation, participants should be able to:
1. Characterize clinical and physiological influences of minimal, moderate and deep sedation, and distinguish these from general anesthesia
2. Describe essential pharmacological features of various drug classes useful for providing sedation, including principles of single drug versus multiple drug regimens

Learning Objectives: At completion of the afternoon portion of the presentation, participants should be able to:
1. Describe appropriate monitoring of perfusion, ventilation and oxygenation
2. Describe recognition and management of sedation-related complications
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This full-day Global Symposium features implant dentists from around the world. The AAID has encouraged them to join us in San Diego so we can share treatment options and issues that may not be as common in the U.S. as elsewhere. Each of the 12 presentations will be 20 minutes in length with a 5-minute question/answer period following. Because sessions do not meet the minimum time requirement established by ADA CERP and AGD PACE, no CE credit can be given for these presentations. The entire Symposium is open to anyone to attend at no charge.

This Global Symposium is named after the late Dr. Leonard Linkow, considered by many to be the “Father of Implant Dentistry.” His singular influence helped spread the scientific basis and popularity of dental implants around the world.

8:00 am - 8:25 am
Full-Mouth Rehabilitation with Implant-Supported Prostheses

Yasunori Hotta, DDS, PhD
Japan
- Diplomate, Japanese Society of Oral Implantology
- Director, AICHI Implant Center
- Visiting professor, National University, College of Dentistry, Philippines

Patients often present who have lost many teeth or have severe periodontitis. Full-mouth reconstruction with implant treatments may be the solution, especially for patients who will not accept conventional, removable dentures. In such cases, bone augmentation such as GBR or sinus elevation are necessary to perform implant placements due to insufficient bone volume. On the other hand, screw-retained prostheses have advantages over cement-retained ones regarding maintenance in full-mouth rehabilitation.

Learning Objectives: At the completion of this presentation, participants should be able to:
1. Understand an overview of GBR and sinus elevation (crestal approach)
2. Appreciate occlusal screw-retained prostheses, and the use of horizontal screws
3. Use membranes in the GBR technique

8:30 am - 8:55 am
Transcrestal Approach Sinus Augmentation: Overcoming Common Vertical Ridge Deficiency in Posterior Maxilla

David Chong, DDS, DABOI/ID
South Korea
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Consultant and Advisor, New Jersey State Board of Dentistry
- Faculty Member, New York University College of Dentistry’s Surgical and Prosthetic Implant Treatment Program
- Private practice, general dentistry, Queens, New York

In the posterior maxilla, residual bone height is limited by the presence of the sinus and often plays a key factor in the placement of dental implants. A sinus lift is the ideal approach (when evaluating an atrophic maxillary ridge with deficiency in vertical height) to build additional bone in order to place a solid and stable implant. The Crestal Approach Sinus Kit (CAS-Kit) is the superlative tool for performing this procedure because it combines the advantage of high volume bone placement of the lateral window approach with the simplicity of the transcrestal approach.

The transcrestal approach to sinus lift surgery is a less invasive technique than traditional approaches of elevating the sinus membrane for dental implant placement in the maxillary region. The specially designed Stopper System provides precise depth control and helps the clinician to avoid perforation of the sinus membrane. A Hydraulic Lift System further promotes patient safety by using the gentle delivery of saline to elevate the Schneiderian membrane. Patients benefit greatly from the transcrestal approach, as this less traumatic method promotes a shorter healing time than lateral window approaches.

Learning Objectives: At the completion of this presentation, participants should be able to:
1. List alternative approaches to perform a sinus lift
2. Explain why the transcrestal approach is preferred
9:00 am - 9:25 am  
**Advanced Implant Rehabilitation of Severely Atrophic Mandible Versus Root-Form Implantation after Inferior Alveolar Neurovascular Repositioning**

**Manuel Chanavaz, MD, DDS, PhD, FAAID**  
France  
- Honored Fellow, American Academy of Implant Dentistry  
- Professor and Past-Chairman, Department of Oral and Maxillofacial Implant Surgery, Medical School, University of Lille, France  
- Scientific Director, University inspired implant programs (CIIOMFI-CEUOMF) in France, India, Iran, and South Africa

The implant rehabilitation of severely atrophic mandible is a true challenge to implant surgeons. Two treatment options among several respond to this challenge:

1. **Ramus frame,** integrating 3 stable zones of the mandible. Its custom designed shape connects one anterior symphyseal “foot” and two posterior ramus “feet” to replicate the resorbed alveolar crest.  
2. **Repositioning of the inferior alveolar neurovascular bundle,** a predictable surgical option to combat the combination of vertical atrophy and frequently vulnerable trajectory of the inferior alveolar neurovascular canal.

**Learning Objectives:** At the completion of this presentation, participants should be able to:  
1. Review the principles of bone augmentation  
2. Understand the differences between block autografts and block allografts  
3. Review clinical techniques for bone augmentation with allogenic block graft, methods for soft tissue closure, and provisionalization  
4. Achieve long-term results with block allograft

11:00 am - 11:25 am  
**Management of Maxillary Labial and Buccal Bone Deficit by the Use of Angled Implants**

**Nitish Surathu, BDS, MDS**  
New Zealand  
- Associate Fellow, American Academy of Implant Dentistry  
- Director, ACE Institute  
- Private Practice, Gisborne, New Zealand

This presentation will discuss the management of labial and buccal bone deficits through the use of angled implants. Using an innovative design that allows change to the axial inclination of the implant connection and the prosthetic screw, these implants help the practitioner maintain a screw-retained approach even in situations with the most deficient bone. This design also allows the placement of implants in native bone rather than grafted bone and offer a restorative advantage that can be effectively planned and executed.

**Learning Objectives:** At the completion of this presentation, participants should be able to:  
1. Understand the advantages, indications, and contraindications of the use of angled implants  
2. Effectively plan surgical placement of this unique implant design  
3. Appreciate the improved restorative outcome that results from the use of angled implants

9:30 am - 9:55 am  
**Ridge Augmentation with Mineralized Allogenic Block Grafts: A New Gold Standard?**

**Paresh Kale, MDS, FAAID**  
India  
- Fellow, American Academy of Implant Dentistry  
- Graduate, Government Dental College and Hospital, Mumbai  
- Private practice, prosthodontics and implant dentistry, Pune, India

Reconstruction of deficient alveolar ridges particularly in the esthetic zone have become routine and evidence-based. Various autogenous, allogenic, and xenogenic materials and techniques are common in practice. Patients and professionals alike need methods that are faster, easier, with minimal complications, and with greater acceptance for a predictable outcome. This presentation will describe an alternative predictable approach to bone regeneration using allogenic blocks rather than autogenous blocks to question the notion of what is the current “Gold Standard.”

**Learning Objectives:** At the completion of this presentation, participants should be able to:  
1. Review of the principles of bone augmentation  
2. Understand the differences between block autografts and block allografts  
3. Review clinical techniques for bone augmentation with allogenic block graft, methods for soft tissue closure, and provisionalization  
4. Achieve long-term results with block allograft
Minimally Invasive Sinus Elevation

Jihad Abdallah, BDS, MScD, FAAID, DABOI/ID
Lebanon
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Clinical Professor and Head, Implantology Division, Beirut Arab University

Placing an implant in the posterior maxilla has always challenged clinicians due to the pneumatization of the maxillary sinus. To solve this issue many sinus elevation procedures were introduced that might lead to patient morbidity and postoperative complications. While performing these procedures there is a need to introduce bone graft materials. A minimally invasive sinus elevation procedure will be discussed that eliminates the need for any additional bone graft and decreases treatment time as well as the complications.

Learning Objectives: At the completion of this presentation, participants should be able to:
1. Review the sinus elevation procedures presented
2. Understand the clinical tips and tricks of the minimally invasive sinus elevation without added bone
3. Recognize the clinical significance and outcome of this minimally invasive technique
4. Appreciate a long-term follow up of cases using this minimally invasive technique

Socket Shield: The New Era for Preserving Labial Plate of Bone

Mohamed Wagdy, PhD, AFAAID
Egypt
- Associate Fellow, American Academy of Implant Dentistry
- Lecturer, Periodontology Department, Faculty of Dentistry, Ain Shams University, Egypt
- Deutsche Gesellschaft für Implantologie (DGII) member and representative in Egypt and North Africa

Clinicians must realize that alveolar resorption is a consequence of tooth extraction or avulsion. Dental implant therapy must include rational consideration of these phenomena. The marked alterations after tooth extraction appear to be attributable to the loss of periodontal ligament and the consecutive trauma in particular at the buccal bone plate. The retention and stabilization of the coronal and buccal bundle bone and the retention of the periodontal membrane can be expected by retaining a coronal tooth fragment (so-called “socket shield”).

The presentation will address the increasing problem of peri-implantitis. One of the most common causes is loose screws that facilitate a micro-gap between the abutment implant interface creating a bacterial biofilm. The consequences of this micro-gap can lead to a lowering of pH, inflammation, suppuration, and circumferential bone loss (sauceration). It is now apparent that retained cement (peri-cementitis) is also a potent initiator in peri-implantitis. The presentation will illustrate the use of neither screws or cement in the use of Bicon’s Integrated Abutment Crowns™.

Learning Objectives: At the completion of this presentation, participants should be able to:
1. Objectively assess the advantages and disadvantages of conventional implant systems

The Rational Approach to Small Diameter Implants

Andrea Mascolo, DDS, Msc.
Italy
- Founder member, Computer Aided Implantology Academy
- Associate Professor of Dental Medicine, Division of Implantology, LUDES Foundation HEI Malta
- Private practice, minimally invasive dentistry

Minimally invasive dental treatment has generated much interest in dentistry. The dental literature has shown that when Small Diameter Implants (SDI) are used to support or retain oral prostheses there can be long-term stability and patient satisfaction. The presentation will
focus on the simplicity, versatility, and predictability of SDIs in everyday clinical procedures, exploring the clinical indications and proposing the clinical use on medically-compromised patients.

**Learning Objectives:** At the completion of this presentation, participants should be able to:
1. Understand the biomechanical bases for successful treatment with SDIs
2. Relate the clinical advantages and disadvantages of SDIs
3. Properly select the patients for treatment with SDI
4. Plan a treatment plan with SDIs

### 3:00 pm - 3:25 pm
**Integrating Conventional and Modern Technology to Maximize Efficiency**

**Ninette Banday, DDS, MPS, DMSc, AAFAAID**
**United Arab Emirates**  
*•  Academic Associate Fellow, American Academy of Implant Dentistry*  
*• Co-Director, UAE AAID MaxiCourse®*  
*• Private practice, Abu Dhabi*

This presentation will demonstrate how the use of modern technology can facilitate achieving efficiency in implant dentistry. The point will be to de-mystify the fact that conventional procedures still play a major role and needs to be considered to achieve the desired results with dental implants. The presentation will be supported by comprehensive clinical cases.

**Learning Objectives:** At the completion of this presentation, participants should be able to:
1. Review the various modern technology available to facilitate the practice of implant dentistry
2. Appreciate that conventional technology still has a role to play in achieving optimal results
3. Understand their application in various clinical settings to maximize efficiency and implant success

### 4:30 pm - 4:55 pm
**Current Concepts in Treatment Planning from a North American Perspective**

**George Arvanitis, BSC, DDS, FAAID, DABOI/ID**
**Canada**  
*• Fellow and Central District Trustee, American Academy of Implant Dentistry*  
*• Diplomate, American Board of Oral Implantology/Implant Dentistry*  
*• Director, Ti-Max Institute for Continuing Dental Education and the Ti-Max AAID Implant MaxiCourse®*  
*• Private Practice, focused on reconstructive dentistry with dental implants, Waterloo, Ontario, Canada*

Treatment planning with dental implants began as a method for replacing missing teeth and securing loose dentures. This therapy has come a long way since its humble beginnings, but have we reached the tipping point? More and more practitioners are faced with a treatment dilemma every day. Have implants become a reliable lifetime replacement for existing teeth?

**Learning Objectives:** At the completion of this presentation, participants should be able to:
1. Answer the question: Can we reliably use dental implants to replace teeth or should we try to maintain the natural dentition as long as possible?

### 5:00 pm - 5:25 pm
**Prevailing Trends in Implantology in India**

**Mahesh Verma, MDS, MBA, PhD**
**India**  
*• Director and Principal Dean, Maulana Azad Institute of Dental Sciences (WAIDS), New Delhi, India*  
*• Vice President, Dental Council of India*  
*• President, Indian Dental Association*  
*• Honorary Member, ADA*

Dentists and patients have witnessed a gigantic transformation in the practice of implant dentistry in India. From being seen as an “alternate option” 60 years ago, to being perceived as the “foremost option” today, this treatment modality has transformed the outlook towards dental therapy in rehabilitation of not just partially edentulous scenarios but even in maxillofacial defects. This turn of events can be attributed to increased consumer demand; escalation in quality of operators who have been fine tuned to the intricacies of the procedures and materials related to implantology; liberal policies in support of implant bioscience; a magnanimous increase in pool of science; and lastly evidence in support of favorable outcomes with implants in terms of safety, predictability, ergonomics, and longevity. However, in the momentum that we have gained in the specialty, we need not to miss the chink in the armor: Lack of formal and organized training and well-equipped laboratory support are glaring gaps that if not addressed urgently may soon eclipse the rising trend towards implant growth in India. In line with Indian philosophy, we have attained the prevailing stature even in the science of implantology. It will only be a little while before we can overcome the remaining few hurdles to emerge as the avante-garde nation in the field of implantology as well!

**Learning Objectives:** At the completion of this presentation, participants should be able to:
1. Discuss the changing Indian scenario (consumer needs)
2. Articulate the need for structured implant education
3. Describe prevailing practice trends
4. Present cogent arguments on behalf of additional emphasis on training and lab support
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8:00 am – 10:00 am
Successful Marketing and Management of the Implant Practice
AGD Subject Code: 552

Irv Lubis, DMD
• Founder, Periodontal Success Marketing and Dental Success Marketing
• Pioneer, in periodontal and dental marketing
• Expert in Dental Practice Transition

This program will address what the young practitioner really needs to know to succeed today and what the senior doctor needs to do in order to make the transition succeed. It’s more than the business stuff. It’s the person-to-person stuff that really counts in order to make it happen! This presentation will tell doctors and their team how to successfully market and manage their implant practice.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Present implant treatment to your patients and get greater acceptance
2. Encourage your patients to become advocates, promoters, and loyal followers
3. Create powerful brand identity
4. Make patients keep their appointment and pay their bills

11:00 am – Noon
Incorporating Digital Dentistry into the Team
AGD Subject Code 561

Adam Foleck, DMD, FAAID, DABOI/ID
• Honored Fellow and Secretary, American Academy of Implant Dentistry
• Diplomate, American Board of Oral Implantology/Implant Dentistry
• Staff, Las Vegas MaxiCourse® and Cleveland Capital Implant Residency Program
• Co-Director, Chicago/Midwest MaxiCourse®
• Private practice, Norfolk, Virginia

ConeBeam, CADCAM and Guided Surgery - digital dentistry is here and changing constantly. How do you keep up and incorporate these changes in your office from front to back? This program will explore the pitfalls and target areas to avoid when introducing technology into the practice. Patient education and treatment planning will also be discussed. Protocols to keep the entire team understanding their role with technology will be covered.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Understand technology and its benefits to the office and patient
2. Convey complicated procedures to the patient
3. Develop practices for guided surgery and third party software companies
4. Encourage technology in the office

1:30 pm - 3:30 pm
Implant Maintenance: Principles and Clinical Realities
AGD Subject Code 693

Elina Fudiman, RDH,MA
• Clinical Associate Professor, Dental Hygiene, NYU College of Dentistry
• Member, Advisory Committee on Dental Hygiene Continuing Education at New York University College of Dentistry

Dental implants have become the standard for replacing missing teeth. With proper maintenance and thorough home care, patients can enjoy them for a lifetime to come. This presentation will review the rationale for the implant maintenance, criteria of implant success and peri-implantitis. Preventative peri-implant protocol will be reviewed as well as professional instruments for implant care. Participants will be able to integrate principles and procedures into their daily practice.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Relate criteria of implant success and peri-implantitis
2. Identify factors influencing preventative peri-implant interval
3. Select plaque control strategies/home care instructions
4. Explain implant maintenance protocol

Dental Team Programs are designed specifically for hygienists, assistants, patient care coordinators, billing specialists and scheduling coordinators. These sessions are free of charge with general conference registration. Dental team members registered for the Conference are also welcome to attend any Main Podium sessions.

THURSDAY, OCTOBER 12, 2017 | DENTAL TEAM PROGRAMS
4:30 pm – 5:30 pm
**Medical Billing for the Dental and Specialty Practice**

**AGD Subject Code 551**

**Hootan Shahidi, MPH**
- Master of Health, Emory University
- Founder, Cross Over Dental Enterprises (CODE)

This seminar will address the fundamental steps to bill medical insurance for routine procedures and its financial impact on a dental practice. It will cover ways of screening patients’ plans, the purpose of eligibility check/pre-authorizations, and the requirements by insurance companies for submitting claims appropriately and for medical necessity.

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**Learning Objectives: At completion of this presentation, participants should be able to:**
1. Understand the basics of medical diagnosis and procedural codes
2. Identify the preauthorization requirements for medical insurance carriers
3. Explain the expected results and financial impact of medical billing
4. Use various workflows to maximize benefits between medical and dental billing.

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8:00 am - 10:00 am
**Hot Topics in Infection Control**

**AGD Subject Code 148**

**Nancy Dewhirst, RDH,BS**
- Course Director, Oral Pathology and Infection Control, West Coast University Dental Hygiene Program
- Member, California Dental Association, American Dental Association, and OSAP Speaker/Consultants Bureaus

Update your knowledge of the most important issues in clinical safety. Are you clear on how to handle ordinary and extraordinary infectious diseases? This class blends science with reality: reviewing CDC Guidelines and state regulations for infection control. Updates include safety challenges such as aerosol transmitted diseases (ATD’s) and evolving/resistant pathogens. Enjoy active learning.

This class is approved by the California Dental Board and meets the Infection Control continuing education requirement for re-licensure.

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**Learning Objectives: At completion of this presentation, participants should be able to:**
1. Identify bloodborne, contact, droplet and airborne diseases
2. Explain biofilms
3. Detect skin disorders, including allergies
4. Recognize current, immediate health concerns
5. Employ reasonable precaution strategies

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11:00 am - Noon
**Practice Management Strategies**

**AGD Subject Code 552**

**Jyoti P. Srivastava, DDS, MS**
- Former Associate Professor, Department of Postgraduate Prosthodontics, NYU College of Dentistry Graduate Program
- Private practice, prosthodontics, New York City, New York

This course will serve to increase productivity, profitability, and stress control by focusing on improving practice management and communication skills.

**Learning Objectives: At completion of this presentation, participants should be able to:**
1. Integrate the systems necessary to manage a highly efficient dental practice
2. Identify the essential ingredients of a dynamic TEAM
3. Adopt factors that will lead to effective communication
1:30 pm - 3:30 pm  
**Market Share and Pocket Share: Team Role**

**AGD Subject Code 551**

**Karima Bapoo-Mohamed, DH, RDH, MBA**
- Associate Clinical Professor, Dental Hygiene Program, Faculty of Medicine and Dentistry at University of Alberta
- Founding program director of a new dental hygiene program in Southeast Asia
- Recipient, 2014 University of Alberta Alumni Honor Award, and 2013 Gibb Clinical Teaching Award at University of Alberta

The dental landscape is ever-changing with new competitors entering the market place, sometimes in close geographic proximity especially in the urban metropolis. Continued viable existence and growth of a practice is heavily reliant on acquiring new patients for the ultimate goal of attaining a larger market share.

However, dental practices that focus on servicing the needs of the existing patient base for comprehensive dentistry will increase the patient’s “pocket share” for dental treatment. The relationships and trust established over time with the patients of record can be leveraged by team members to increase case acceptance within the existing patient base. Influx of new patients with an increase uptake of treatment by existing patients is a sure-fire way to promote practice profitability.

All team members can play a vital role in leveraging the good will by creating awareness of the existing dental condition of missing dentition and the exciting possibilities with the predictable and viable option of treatment using dental implants. More importantly vividly emphasizing the consequences of non-treatment will greatly increase the chances of patients committing to treatment recommendations.

**Learning Objectives: At completion of this presentation, participants should be able to:**
1. Identify six common barriers to implant therapy
2. Describe the biological rationale and scientific basis for replacing missing dentition
3. Define the communication strategies including verbal skills for value and urgency creation in dentistry
4. Relate the six steps of case presentation
5. Discuss the seven steps of overcoming objections

4:30 pm – 5:30 pm  
**Pain Management for the Dental Implant Patient**

**AGD Subject Code 340**

**James L. Rutkowski, DMD, PhD, FAAID, DABOI/ID**
- Honored Fellow, American Academy of Implant Dentistry
- Diplomate, American Board of Oral Implantology/Implant Dentistry
- Editor-in-Chief, Journal of Oral Implantology
- Private practice, dental implants, Clarion, Pennsylvania

This program will present a pharmacologically-based algorithm for effective post-operative pain management following dental implant surgeries. Pain management strategies will be based on the control of inflammation and include the use of glucocorticosteroids with various analgesic combinations. Newer analgesic dosage forms and drug-combinations will be discussed. Indications, contraindications, and efficacious doses for each medication will be presented.

**Learning Objectives: At the conclusion of this course, participants will be able to:**
1. Understand why inflammation is the primary cause of post-operative pain
2. Appreciate how an anti-inflammatory based post-operative pain algorithm will keep the implant patient comfortable
3. Determine when and at what doses to use glucocorticosteroids and various analgesics to control post-operative pain
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POSTER DISPLAYS AND TABLE PRESENTATIONS

OVERVIEW

The American Academy of Implant Dentistry (AAID) Annual Educational Conference will be held at the Hilton San Diego Bayfront, October 11–14, 2017. This dynamic conference will feature more than 50 noted authorities in implant dentistry. Posters and Table Clinics are an important part of this event and an excellent opportunity for dental professionals and graduate students to participate.

AAID is now accepting applications for Posters and Table Clinics until August 15, 2017, or until we reach capacity. Applicants will receive an email within one month of submission to verify acceptance, provided the application is complete.

Visit the Annual Conference tab on AAID’s website – www.aaid.com – for the online submission tool.

Complimentary conference registration is given to up to two full-time dental student authors per accepted Poster or Table Clinic. Students are responsible for their own housing and all other expenses connected with attending the meeting.

Non-student authors of accepted Posters and Table Clinics (i.e., not full-time dental students) must register to attend the meeting at full dentist rates and are responsible for their own housing and all other expenses connected with attending the meeting.

DESCRIPTION OF SUBMISSION

A Table Clinic or Poster description (abstract) consists of the following components and is limited to 300 words, excluding citations:

• Descriptive Title
• Purpose of the Study (A statement of the purpose of the study, a brief statement of the problem, and all relevant background information for example historical perspective of the topic)
• Methods (The instruments utilized to develop the study)
• Results
• Conclusion (Please include any clinical relevance)
• Bibliography: Cite the references in the following format:
  Articles: English CE.

POSTER DISPLAYS

This year we are offering electronic poster displays. Posters are typically a report of research or an innovative approach. Selected participants must send in a maximum of three PowerPoint slides or PDFs to education@aaid.com no later than September 8, 2017.

They will be on display on Thursday, October 12 and Friday, October 13.
• A panel of judges will evaluate each Poster
• First, second, and third place winners will receive cash prizes and will have their Posters also displayed on Saturday, October 14
• AAID will supply monitors for displays
• AAID reserves the right to display multiple posters on the same monitor
• Participants will not be allowed to distribute printed handouts. However, PDF handouts may be provided for inclusion on the Mobile App for the Conference. They must be received by September 8, 2017.

TABLE CLINIC PRESENTATIONS

Table Clinic Presentations will be given on Friday, October 13. First, second, and third-place Table Clinics will receive cash prizes. A Table Clinic typically consists of a five-minute presentation supported by information on the presenter’s laptop computer. The audience stands around the table to hear the presenter. It is important that the presentation is limited to five minutes so that the audience members can hear as many presentations as possible.

AAID will provide a small, high table on which the presenter may place a laptop. Table Clinic presenters must bring their own laptops. Because of the danger of audience members tripping on unsecured power cords, no electrical hookup will be provided. Presenters should plan to use laptop battery power.

For more information

If you have any questions about the scientific content, the application process, the status of your application, the time of your presentation or other logistics, contact the Education Department at 312-335-1550 or education@aaid.com.

Detailed information about the rules, process, and suggestions for preparing your abstract, as well as an online application, can be found online at www.aaid.com.
ASSOCIATE FELLOW AND FELLOW

The Academy offers you the opportunity to distinguish yourself in your community as a credentialed member of AAID. Recognized by the courts as a bona fide program, the Academy’s credentials in implantology, through the Associate Fellow and Fellow membership examinations, are based on psychometric principles.

If you have been planning to become a credentialed member of the AAID, this year’s Annual Meeting is a good time to start.

The following opportunities are for anyone who has ever considered becoming credentialed, but hesitated because of the unknown. Knowing what to expect removes fears and mystery, furthering your preparation to provide the very best care for our patients and succeed as an AAID-credentialed implantologist. There is no charge to attend any of these programs; however, pre-registration is required.

Visit the Credentialing tab of the AAID website www.aaid.com – or call the Headquarters Office at 312.335.1550 to obtain the application and related materials.

Admissions and Credentials (A & C) Board in Exhibit Hall

Visit the A & C Board’s area near the entrance to the Exhibit Hall. There you will have the opportunity to talk with some of this year’s newly credentialed members and see how they implemented the Guidelines for the Preparation of Case Reports. Representatives of the A & C Board will also be present.

Visit at the following times:

Thursday, October 12
During the Implant World Expo Reception
5:30 pm - 7:00 pm

Friday, October 13
During the Morning Break
10:00 am - 11:00 am

Saturday, October 14
During the Morning Break
10:00 am - 11:00 am

Associate Fellow Part 1 (written) Examination

Tuesday, October 10
7:30 am – Noon

Applications due to the AAID Headquarters office by September 12, 2017

Ready to begin the journey to become a credentialed member? Take the first step by sitting for Part 1 (written) of the Associate Fellow examination. Applicants must be licensed dentists who have completed at least 300 hours of postdoctoral or continuing education in implant dentistry within the past twelve (12) years that included at least one course with a participatory format. The 300 hours must be divided between the sciences related to implant dentistry and clinical implantology.

For more information about the exam or to download the application visit www.aaid.com/part1.

W8: Digital Photography and Radiography: Optimal Case Presentations for AAID Credentialing and Beyond

Thursday, October 12, 2017
8:00 am – 10:00 am

For full program details, see page 32

This presentation will provide examination candidates and fellow dental photography and radiology enthusiasts with key information on the photographic requirements necessary to become a successfully credentialed Associate Fellow or Fellow of the AAID. Of course, these techniques will help ensure participants are prepared not only for credentialing, but also for future work, such as speaking engagements, working with patients and staff, and journal publication. Proper photographic and radiologic images will be discussed, including examples of crucial views and camera settings. Emphasis on the ability to communicate case information in a concise and timely manner will also be highlighted. Course registrants must bring their own cameras, lenses, retractors, o-rings, and side mirrors to this session.

S7: Demystifying the Oral and Written Exams: Increase Your Chances for Success

Thursday, October 12, 2017
1:30 pm – 5:30 pm

For full program details, see page 48

Many examinees experience fear and uncertainty as they go through the process of preparing for and taking the written and oral AAID Associate Fellow and Fellow exams. Presented by past examiners and past members of the Admissions and Credentials Board, this review course will provide a comprehensive look at the exams, including eligibility, logistics, subject matter, case requirements, and more, with particular emphasis on the oral exam. Attendees will observe an oral exam role played by examiners, and may participate individually in brief mock oral exams.
STAND OUT FROM THE CROWD: ABOI/ID DIPLOMATE

The American Board of Oral Implantology/Implant Dentistry (ABOI/ID) was chartered in 1969 by the American Academy of Implant Dentistry (AAID). The Board’s mission is to elevate the standards and advance the science and art of oral implantology/implant dentistry by encouraging its study and improving its practice. The ABOI/ID Diplomate designation symbolizes a practitioner’s achievement of one of the highest levels of competence possible in the field of implant dentistry.

The ABOI/ID Certification Process Explained and How to Complete the Part I and Part II Applications

Thursday, October 12, 2017 8:00 am – 10:00 am

This program will provide you with the information needed to complete your applications to become a Diplomate of the American Board of Oral Implantology/Implant Dentistry (ABOI/ID). ABOI/ID staff and a member of the ABOI/ID Board of Directors will be present to discuss this process and answer your questions.

ABOI/ID Mock Oral Examination

Thursday, October 12, 2017 1:30 pm – 3:30 pm  Session 1
Thursday, October 12, 2017 3:30 pm – 5:30 pm  Session 2

This program will demonstrate the ABOI/ID Part II oral examination experience in a small group setting format. Attendees will gain greater insight about what to expect during the ABOI/ID oral examination process. This program is meant to be an interactive experience to improve and prepare candidates for the ABOI/ID Part II oral examination.

Learning Objectives: At completion of this presentation, participants should be able to:
1. Gain insight into the ABOI/ID oral examination process
2. Develop a strategy on how to defend their cases during the examination
3. Discuss implant topics including basic science, clinical diagnosis, implant prosthetics, and implant surgery
4. Improve presentation skills in preparation for ABOI/ID oral examination
5. Widen their personal perspective by small discussion format with faculty and colleagues

This program will be two hours in length and presented twice during the afternoon.

No CE will be awarded for this program.

ABOI/ID Diplomate Induction Luncheon

Friday, October 13, 2017 Noon – 1:30 pm

Cost: $100 Includes lunch

Join us at the ABOI/ID luncheon to honor the new 2017 ABOI/ID Diplomates. During this event the ABOI/ID President, Dr. Arthur Molzan, will discuss current ABOI/ID activities and present new Diplomates with their medallions.

Current ABOI/ID Board members, committee members and ABOI/ID Past Presidents will also be recognized during this event. Whether you are a Diplomate or not, everyone is invited to attend. Last year’s luncheon sold out quickly; so be sure to purchase your tickets in advance.

Tickets can be purchased through the AAID with your Annual Meeting registration or onsite at the Registration Desk.
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Designed to give a solid foundation to your implantology career, the NY AAID Maxicourse provides comprehensive hands-on training to ensure an in-depth education in implant dentistry. This premier Maxicourse utilizes not only lectures by the some of the world’s Leading Implantologists, but Webinars, Cadaver Training, and Hands-On modules. Opportunities for Live Surgical Implant Placement are available.

The New York AAID MaxiCourse® provides the 300+ hours necessary to fulfill the CE requirement of the AAID Associate Fellow Member process and prepares the participants to take the written portion of the AAID Associate Fellow Membership Examination.

Registration is now open for 2017-18 Classes

For NY Maxicourse information and online registration, visit NYMAXICOURSE.COM, or contact Education Coordinator Esther Yang 866-586-0521 | info@englewooddental.com

For full list of available courses visit Implantdadddy.com
There’s no question the Foundation Auction gives you the opportunity to save money on purchases for your office as well as your other interests.

The items offered at this year’s AAD Foundation Auction are useful and valuable. The Foundation has obtained items for your practice such as dental implant systems, educational and hands-on training courses. This year the Auction will also include stays at much sought-after vacation spots, collectable art work and a surprise item or two.

Everyone is eligible to bid in the auction! You must obtain a bidding number from the registration desk to participate. You will need to provide credit card information so that any winning bids you make can be charged to your credit card. YOUR CREDIT CARD WILL NOT BE CHARGED UNLESS YOU ARE THE WINNING BIDDER.

This fundraising event benefits the Foundation’s ongoing programs. The Auction will provide an opportunity for participating industry and AAD members to cooperate in a joint effort to generate funding for the Foundation, while at the same time, enjoy personal benefits from the experience. Products/services are donated to the Foundation by companies/organizations and individuals for bidding by attendees during the Annual Meeting.

**HOW THE AUCTION WORKS**

Information describing auction items will be available at the Annual Meeting registration desk and at the Auction area. Table-top easels will feature a photograph/advertisement of each product/service, item number, product description, and name of company or individual that donated the item.

A bid sheet associated with each item will list the minimum starting bid and minimum bidding increments. There is no limit to the number of bids a member can enter for any given item. If someone places a higher bid, members may bid again. The highest bid at closing wins the item. AADF will charge winning bids to the credit card used to obtain the bidding number.

Written bids will be accepted starting at 10:00 am, Thursday, October 12. All bidding will close at exactly 1:00 pm, Saturday, October 14. The highest bid at closing wins the item. Upon receipt of payment, the AADF will notify the donors to deliver items, at their expense, directly to the winning bidder.

**All bids are final and no refunds will be issued under any condition.**
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**Continental Breakfasts**

Start each day of the meeting on the right foot with a continental breakfast. This is an excellent opportunity to share information with your peers before attending a scientific program. Continental breakfasts are open only to registered attendees. **Badges will be required.**

**Networking/Refreshment Opportunities**

Take a break from formal learning to continue discussions with colleagues during the twice-daily refreshment breaks. Examine what is available to the implant dentist at the Implant World Expo in the Exhibit Hall. Enjoy refreshments while sharing information with colleagues and suppliers. **Badges will be required.**

**First-Time Attendee/Student Reception**

**Wednesday, October 11**

All First-Time Attendees and students are invited to learn how to maximize their experience at the AAID Annual Meeting at this special reception. The leaders of AAID will be present to answer questions and will be available throughout the meeting as resources and mentors. The event will be held on Wednesday, October 11 from 6:00 pm until 6:45 pm. Afterwards, First-Time Attendees and students are encouraged to attend the Welcome Reception and meet more members of the AAID.

**Welcome Reception**

**Wednesday, October 11**

All registrants and registered guests are invited to attend the Welcome Reception on Wednesday, October 11 from 6:00 pm – 7:30 pm. This is a wonderful opportunity to reconnect with old friends and make new ones from the implant profession in a relaxed atmosphere while enjoying light appetizers and beverages. **Badges will be required.**

**Implant World Expo Lunches**

**Thursday, October 12 and Friday, October 13**

No need to look for a restaurant, worrying if you will be finished in time for the start of the afternoon education session. Join your colleagues on Thursday, October 12 and Friday, October 13 from Noon until 1:30 pm in the Exhibit Hall for a **FREE** lunch and visit with the suppliers who help make your practice successful. Every registrant will receive tickets for lunches.

**District Caucuses Lunch**

**Thursday, October 12**

Meet your colleagues who practice in the same geographic area and enjoy a box lunch while discussing AAID business. This event is open to all AAID members – credentialed or general – although, only credentialed members may cast votes. This is an excellent way to become involved in the workings of the Academy and develop new contacts in the profession. Each District will meet in a different room for lunch and conversation on Thursday, October 12 from Noon until 1:30 pm. There is no cost for this event. Pick up your box lunch in the Exhibit Hall.

**Implant World Expo Reception**

**Thursday, October 12**

Join colleagues and suppliers to the implant profession in the Exhibit Hall for the Implant World Expo. Over 130 suppliers to the implant dentistry profession will be there. Chat with fellow professionals while enjoying hors d’oeuvres and cocktails. This outstanding event is open to all registered guests and will be held from 5:30 pm until 7:00 pm on Thursday, October 12. **Badges will be required.**

**Women Dentists’ Wine and Cheese Gathering**

**Friday, October 13**

Join your colleagues at AAID’s Women Dentists’ Wine and Cheese Gathering on Friday, October 13 from 5:30 pm until 7:00 pm. This is a wonderful place to talk with members who share similar challenges and opportunities.

**President’s Celebration**

**Saturday, October 14**

Join AAID President, Dr. Shankar Iyer and his wife, Preeti, on Saturday evening, October 14, to enjoy an outstanding meal, say a fond farewell to your friends, dance to some great music, and celebrate AAID and everything you have helped it accomplish. The recipients of the Isaih Lew Memorial Research Award and the Aaron Gershkoff-Norman Goldberg Memorial Award, along with the Paul Johnson Service Award, will be introduced and honored. One ticket is included with each dentist’s registration (except for student and life or retired member registrations) and additional tickets can be purchased for $195.
San Diego’s distinctive coastal culture is obvious the moment you arrive at Hilton San Diego Bayfront. This 30-story hotel, with sun and sea-inspired design, offers a cool vibe and great amenities. Our location, adjacent to the dining and shopping, and across the street from Padres’ Petco Park, couldn’t be more convenient. While you’re here, enjoy stunning views, relaxing leisure facilities, and trendy dining venues. And AAID has negotiated **FREE WIFI** in your sleeping room.

**A couple of recent reviews from Tripadvisor…**

“My recent stay at the San Diego Bayfront Hilton was outstanding. From the check-in through check out. I have never been treated so well. Great location. This hotel is definitely a ‘do again!’ I recommend it to anyone looking for something to exceed your expectations.”
- John from Winnipeg, Canada

“Mere minutes from the airport. On the harbor with spectacular views. Walking distance from the Gaslamp section of town and the ball park. Rail service is also walking distance. The property is high end and well kept. Great value if value is your goal.”
- Jim D. from Sarasota, Florida

“We were there for business and stayed a total of five nights and it was awesome! The staff was great, food was great, and location is amazing! Highly recommend! Be sure to visit the Gaslamp district nearby as well!”
- Halley from Charleston, South Carolina

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California Implant Institute
ClaraNav
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### A. MEETING REGISTRATION

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- **AAID Associate Fellow/Fellow/Diplomate** $1145 | $1245
- **AAID General Member** $1195 | $1295
- **AGD or AACD Member** (Member # required) $1195 | $1295
- **NonMember PLUS Dentist** (2017 AAID Membership PLUS Registration) N/A
- **Nonmember** $1545 | $1645
- **Recent Dental School Graduate (2016)** $595 | $595
- **Technician** $395 | $445
- **Life Member or Retired Member** $295 | $295
- **Office Staff** $395 | $445
- **Student (Current or 2017 Graduate)** $150 | $150
- **Spouse/Guest Name** $295 | $295
- **Spouse/Guest Name** $490 | $490

*Includes one (1) President's Celebration ticket

### B. HANDS-ON WORKSHOPS

- **W1:** Full-Arch Guided Surgical Denture Conversion to a Fixed Prosthesis Technique [Bart Silverman, DMD]
- **W2:** Full-Arch Rehabilitation Utilizing Tilted Implants from a Surgical and Prosthetic Perspective [Sponsored by Neodent USA; Alessandra Molinari, DDS, MS; PhD]
- **W3:** Transcrestal Approach Sinus Augmentation with CAS-Kit: Overcoming Common Vertical Ridge Deficiency in Posterior Maxilla [Sponsored by Biossen; David Chang, DDS]
- **W4:** Hands-on Surgical and Prosthetic Exercises: Implant Training from Singles To Overdentures [Joseph A. Leonetti, DMD; FAQID; Alvaro Gracia, DMD]
- **W5:** Osseodensification: Optimize the Site—Optimize the Outcome [Bernee Dunson, DDS; Salah Huwais, DDS]
- **W6:** Peri-implantitis: Technology is the Key to Treatment [Ed Kusek, DDS]
- **W7:** The Value of Safety and Precision in Prosthetically Driven Guided Implantology: Simplicity & Predictability [Sponsored by MIS Implants Technologies; Yong-Han Koo, DDS; Miguel D. Vidal, DMD, MS]
- **W8:** Digital Photography and Radiography: Optimal Case Presentation for AAID Credentialing and Beyond [Cheryl A. Pearson, DMD]
- **W9:** Incorporating Biomaterials, PRF, AFG, and CGF, to Predictably Enhance Crestal and Lateral Window Sinus Grafting Procedures Using Neobiotech’s SCA and SLA Sinus Kits [Jason Kim, DDS]
- **W10:** Successful Bone Graft and Sinus Lift Surgery: Hands-On Workshop Using Anatomic Models [Sponsored by Neobiotech USA; Dennis Smiler, DDS, MScD]
- **W11:** Hands-on Digital Treatment Planning and Guided Surgery [Sponsored by Nobel Biocare; Kyle Stanley, DDS]
- **W12:** One-Step Alveolar Ridge Preservation Using OsteoGen® Bone Grafting Plugs without a Membrane Plus Advanced Surgical Concepts in Bone Regeneration [Sponsored by IMPLAIDENT ITD; Robert J. Miller, DDS; Timothy Kosinski, DDS; Maurice Valen]
- **W13:** Full-Arch Implant Solutions from Overdentures to Fixed Ceramics [Sponsored by Glidewell Dental; Jack Hahn, DDS; Siamak Abai, DDS, MS]
- **W14:** Socket Preservation, Ridge Regeneration and Implant Surgery Utilizing Bone Allografts [Matt Young, DDS; Christopher Petrush, DDS]
- **W15:** Hands-On Implant Placement and Bone Grafting on Cadavers [Center for the Future of Surgery - UC San Diego School of Medicine; FEE: $1,495 for AAID members, non-members who registered for 2017 AAID Annual Conference; $1,695 for all others]
- **W16:** Guided “All-On-X” – The Next Generation: A Hands-On Workshop [Sponsored by Nobel Biocare; Larry Ugo, CDT; FEE: $398 ($438 after 9/12/17)]
- **W17:** Soft Tissue Management: A Hands-On Workshop Using Pig Jaws [Nicholas Caplanis, DMD, MS]
- **W18:** Introduction to Piezoelectric Technology in Implant Dentistry: A Hands-on Course [William Russo, DDS, MHSc]
- **W19:** One-Day Guided Edentulous Implant Solutions [Sponsored by OCO Biomedical; Ara Nazarian, DDS]
B. HANDS-ON WORKSHOPS (CONTINUED)

W20: Introduction to Injectable Pharmacologics: Neurotoxins and Facial Fillers (Bruce Freund, DDS)
W21: Ridge Augmentation Solutions: Hands-on Pig Jaw (Suheil M. Boutros, DDS, MS)
W22: Mini Implants to Fixed Prosthesis: A Spectrum of Solutions for the Edentulous Patient (Parsh B. Patel, DDS)
W23: Clinical Consideration for CAD/CAM Guided Implant Surgery (Sponsored by Neobiotech USA; Sil Park, DMD)

C. SEMINARS

Unless otherwise noted, each seminar is priced at $99 ($119 after 9/12/17)

S1: Stop Being Mediocre: Five Things You Need to Do Today to Improve Your Website and Online Marketing (Sponsored by Advice Media, Chad Erickson)
NO CHARGE
S2: How to Write a Scientific Paper (James L. Rutkowski, DMD, PhD)
NO CHARGE
S3: How to Edit or Review a Scientific Paper (James L. Rutkowski, DMD, PhD)
NO CHARGE
S4: Simplifying Full-Arch (Frank R. LaMar, DDS)
NO CHARGE
S5: Immediate Loading with Implant Overdentures: Marketing Hype or Clinical Reality? (Michael D. Scheier, DMD, MS)

D. SPECIAL EVENTS

All Day Sedation Track Fee: $398 ($438 after 9/12/17)
Morning Sedation Track Fee: $199 ($219 after 9/12/17)
Afternoon Sedation Track Fee: $199 ($219 after 9/12/17)
ABOI/ID Certification Process Explained, NO CHARGE
ABOI/ID Mock Oral Examinations (Session 1 - 1:30 pm - 3:30 pm), NO CHARGE

B. Workshops subtotal _______________________________

C. Seminars subtotal _______________________________

D. Special Events subtotal _______________________________

GRAND TOTAL (A+B+C+D) _______________________________
• Learn by doing at more than 25 hands-on workshops
• Identify, treat, and avoid complications
• Picture patient treatment clearer through digital dentistry
• Share techniques with implant dentists from around the world

AAID BRINGS THE IMPLANT WORLD TO SAN DIEGO