

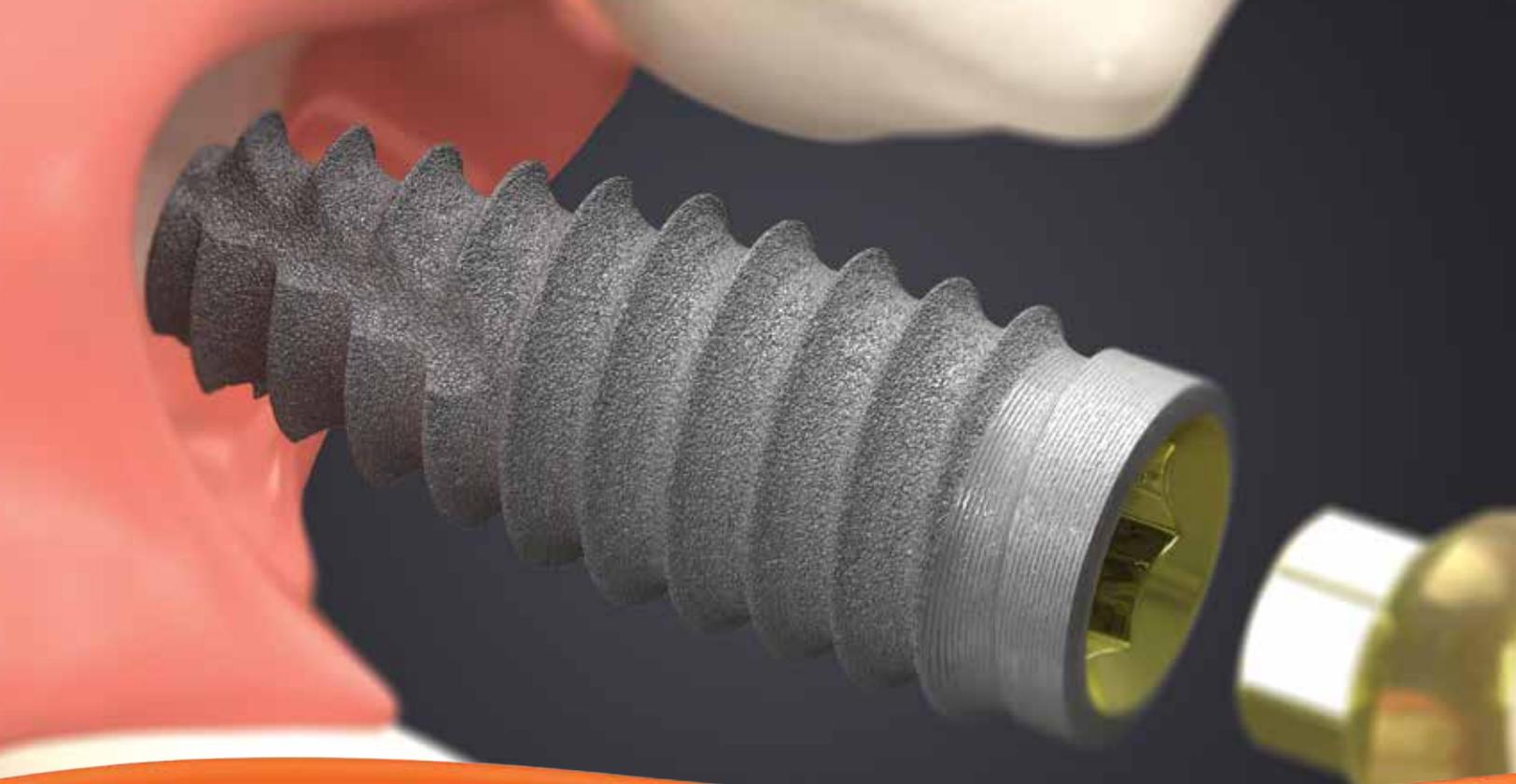
AAID NEWS

INTRODUCING
AAID PRESIDENT

**Berneer
Dunson**

INSIDE

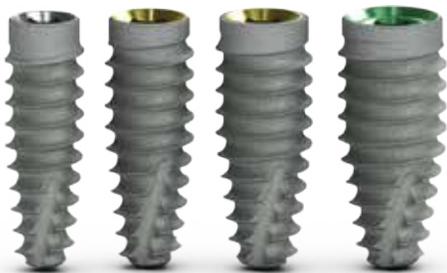
- The Dos and Don'ts of DSOs
- The Psychology of Implant Case Presentation
- Q&A With George Kay



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James E. Ference,
DMD, MBA, FAAID, DABOI/ID
Editor, AAID News

EDITOR'S NOTEBOOK

Never before and never after

On a recent flight, I noticed an interesting cloud formation filled with interesting variations. After admiring them for a few moments, it occurred to me that no human in the history of the world had ever seen this before. What I exactly saw was unique to me and has never quite been seen before by any of the billions of people who reside on this planet or even have in the past. Actually, when one thinks about it, much of our day-to-day experience is similarly, completely, and solely our own.

Our uniqueness as individuals assures us that our interactions, thoughts, and experiences, affected as they are by our different perspectives, backgrounds, information, and insights are similarly one-time-in-the-history-of-the-world events.

Many inventions and discoveries are the result of one person's insight which was similar but nevertheless different than that of thousands or millions who have been in similar circumstances before.

I can think of numerous products we are blessed to be able to use which really only exist because one person saw something unique about a process or substance that thousands of others passed by without note. But when one person sees what

others couldn't, he or she pursues the special insight and sometimes changes the world.

Many know of the story of Velcro®. Swiss electrical engineer, George de Mestral, was bothered like probably millions before by the burdock plant and its burrs. They attached themselves to him and his dog after a hike. Instead of just removing them as we all do, he studied the details of their attaching apparatus with a microscope. It led to the invention of Velcro. Mother Nature was willing to share a secret if "asked" by a curious soul.

When Scottish researcher Sir Alexander Fleming was studying the influenza virus in 1928, he noted a strange mold on a culture plate that inhibited bacterial growth. His willingness to check out the phenomena instead of ignoring it led to the development of penicillin and has saved millions from misery and death.

Even in our own profession, such "discoveries" happen. Dr. Hilt Tatum's observation about the maxillary sinus and its potential role as a bone grafting site came about due to a curious mind and has changed our profession and probably millions of lives.

A drill accidentally spinning in reverse brought us the Densah technology, but it required a willingness to explore an observed effect which others just ignored.

The sandcastle worm and his little secret might now lead to improved lives worldwide because one person chose to diligently explore one of nature's billions of secrets. (See George Kay's interview on Page 20.)

We really should treat with reverent respect the reality that each and every moment, realization, observation, and experience is a never-before and never-again event.

As we get to interact with so many people every day, we have a chance to inspire those who don't quite recognize their own specialness. To play even a small role in reminding our fellow humans that they have insights which are different and valuable is a special blessing.

I believe life frequently throws opportunities at us that are there for the taking, if we only take a little time to reflect and explore.

Many "discoveries" may be more subtle and less dramatic than discovering a new technique or substance. But in their own way, they can play a role in making life better.

As we go about our daily lives, we might pray for awareness to the possibility that what seems mundane or accidental is sometimes a door to improving or changing the world cleverly disguised as "nothing much."

Many inventions and discoveries are the result of one person's insight which was similar but nevertheless different than that of thousands or millions who have been in similar circumstances before.



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A New Way to Treat Infections

Titanium has many properties that make it a great choice for use in implants. Its low density, high stiffness, high biomechanical strength-to-weight ratio, and corrosion resistance have led to its use in several types of implants, from dental to joints. However, a persistent problem plagues metal-based implants: the surface is also a perfect home for microbes to accumulate, causing chronic infections and inflammation in the surrounding tissue. Consequently, five to 10 percent of dental implants fail and must be removed within 10 to 15 years to prevent infection in the blood and other organs.

New research from the University of Pittsburgh's Swanson School of Engineering introduced a revolutionary treatment for these infections. The group, led by Tagbo Niepa, PhD, is utilizing electrochemical therapy (ECT) to enhance the ability of antibiotics to eradicate the microbes.

"We live in a crisis with antibiotics: most of them are failing. Because of the drug-resistance that most microbes develop, antimicrobials stop working, especially with recurring infections," says Dr. Niepa, author on the paper and assistant professor of chemical and petroleum engineering at the Swanson School, with secondary appointments in civil and environmental engineering and bioengineering. "With this technique, the current doesn't discriminate as it damages the microbe cell membrane. It's more likely that antibiotics will be more effective if the cells are simultaneously challenged by the permeabilizing effects of the currents. This would allow even drug-resistant cells to become susceptible to treatment and be eradicated."

The novel method passes a weak electrical current through the metal-based implant, damaging the attached microbe's cell membrane but not harming the surrounding healthy tissue. This damage increases permeability, making the microbe more susceptible to antibiotics. Since most antibiotics specifically work on cells that are going to replicate, they do not work on dormant microbes, which is how infections can recur. The ECT causes electrochemical stress in all the cells to sensitize them, making them more susceptible to antibiotics.

The researchers hope this technology will change how infections are treated. Researchers focused their research on *Candida albicans* (*C. albicans*), one of the most common and harmful fungal infections associated with dental implants. But while dental implants are one exciting application for this new technology, Dr. Niepa says it has other potential applications, such as in wound dressings.

The paper, "Electrochemical Strategy for Eradicating Fluconazole-Tolerant Candida albicans using Implantable Titanium," (DOI: 10.1021/acsami.9b09977) was published in the journal ACS Applied Materials & Interfaces. Co-authors are Eloise Eyo Parry-Nw-eye, Nna-Emeka Onukwughu, Sritharani Rao Balmuri, Jackie L. Shane, Dongyeop Kim, and Hyun Koo.



19TH ANNUAL FELLOWSHIP PROGRAM IN IMPLANT DENTISTRY



KEY EDUCATIONAL OBJECTIVES

SURGERY-RELATED TOPICS: Surgical anatomy; bone physiology; patient evaluation for implant treatment; risk factors; vertical and horizontal restorative spaces; bone density; implant surgical placement protocols; computer-guided placement and restoration; immediate loading techniques; mini-implants; bone grafting before, during, and after placement; alveolar ridge expansion with split-cortical technique; guided bone regeneration; sinus lift through the osteotomy site and the lateral window; block grafting; BMP-2/ACS grafts with titanium mesh; and more.

PROSTHODONTICS-RELATED TOPICS: Impression techniques; restorative steps for implant fixed partial dentures; implant prosthodontics for fully edentulous patients; hybrids; bar overdentures; biomechanical principles; biomaterials; CAD/CAM designs; implant-oriented occlusion and more.

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Session I: April 15-19, 2020
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Introducing AAID President Bernee Dunson



On Saturday, October 26, 2019, at the AAID 68th Annual Conference in Las Vegas, Bernee Dunson, DDS, FAAID, DABOI/ID, was installed as the 2019-2020 AAID President. What follows is a conversation between Dr. Dunson and the AAID News Editor, James Ference, DMD, MBA, FAAID, DABOI/ID.

For an excerpt of Dr. Dunson's speech given at the Annual Conference, go to page 33.

Dr. James Ference: In Las Vegas, there was a great demonstration of unity with you and Dr. Wong shoulder to shoulder as the mantle of leadership was passed along. In addition, the Annual Conference was very successful and the speakers were top-notch. As an educational experience, it received great reviews. Do you have any comments on the event?

Dr. Bernee Dunson: I thought the Annual Conference was outstanding as usual. I compliment the Scientific Chair, Dr. Shankar Iyer. He is always a superstar who puts together an outstanding meeting. Las Vegas is one of our premiere locations and we get a tremendous response. I am proud of what we were able to accomplish in 2019 and look forward to hosting the 2020 conference in Atlanta.

JF: You spoke of your family background being so influenced by the academic world. Could you touch on that a bit?

BD: My parents are my heroes. They are both educators and, therefore, my life has been influenced by education. I grew up on a college campus in Albany, Georgia, where my father (who holds a PhD in math) was a college dean. My mother invested her passion in education as a reading and English specialist and taught educators how to teach. I've always been a part of the educational setting and it has laid the foundation for one of my greatest passions: teaching.

JF: You attended Morehouse College and the University of Southern California School of Dentistry. Did you have any experiences there that played a memorable role in your development?

BD: I attended Morehouse College, a historically all-male, black college in Atlanta. I am the tenth member of my family to matriculate. Following undergraduate school, I completed my dental degree in Los Angeles at the University of Southern California. Following dental school, I moved to New York City, where I completed a general practice residency at Columbia University based at Harlem Hospital. Ultimately, my education led me to complete the AAID hospital-based oral implantology residency program at Loma Linda University.

JF: What caused you to focus so much on implant dentistry, and what were the components of that training?

BD: As an undergraduate, I had the privilege to become a dental assistant for Dr. Terry Reynolds and Dr. Walker Moore. They were both placing and restoring dental implants in their practice in the late 1980s. This sparked my interest in the discipline of dentistry.

JF: Was there any part of your training that most influenced your career as an implant specialist?

BD: I would give credit primarily to my GPR program at Columbia and the residency I completed at Loma Linda.

JF: Have you taken a MaxiCourse®?

BD: I've taken the Medical College of Georgia MaxiCourse as well as the University of Puerto Rico MaxiCourse, and I have served on the faculty of various Maxi-Courses throughout around world since 1995. It was such an honor to participate in these programs with so many great people.

JF: Are there special individuals or mentors who played the greatest role in your life?

BD: I stand on the shoulders of many giants. I already mentioned Dr. Terry Reynolds, who introduced me to the AAID. Then there is a host of people who I always honor. This includes Dr. Richard Borgner, Dr. Joe Vassos, Dr. Duke Heller, and I have a strong relationship with the "GOAT" [Greatest Of All Time]—Dr. O. Hilt Tatum Jr., who I believe is the greatest oral implantologist yet to live.

JF: Working with such great leaders seems to have influenced you greatly. You have quite a bit of experience in AAID leadership positions. Can you share with us the diversity of the positions in which you have been involved?

BD: I have served on more than 90 percent of the AAID committees. I've been informed that I hold the distinction of chairing the most them, having held at least seven chairmanships. These include: Membership,

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Dunson

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I believe that A&C is cornerstone of the AAID and for me it is what distinguishes us from other organizations that claim to be in our space.

Bylaws, Admissions and Credentials (A&C), Scientific Chair for the 2019 Annual Conference, and Legal Oversight, as well as the AAID Foundation. Now, I am excited to hold the position as this year's AAID President.

JF: You have worked closely with the AAID Foundation. How are you still connected to that area of the AAID?

BD: The AAID Foundation is very dear to my heart. I am happy to be involved with

launching the *Smile, Veteran!*[™] Program, which I spearheaded with other Foundation board members. Dr. Michael Ursu, also a Foundation board member, is the son of a veteran and works with Zimmer Biomet. He took a particular interest in this program and created a partnership to encourage credentialed members to help veterans, creating a win-win-win program—a win for the veterans, a win for the AAID by showing the public who we are, and a win to provide great smiles for people. I believe

it is important to shed light on our talented, credentialed clinicians, how they have distinguished themselves and the ways in which they represent the AAID. I wanted to develop a humanitarian program that offered our organization a platform to take care of a group of individuals who give to our country and our world so that we can have freedom, as well as create a great public relations campaign.

JF: You mentioned how your involvement led you to hold various positions within the AAID. Can you share some of your experiences and insight gained from some of your roles?

BD: Membership gave me the opportunity to create initiatives that provided greater value for all our members, not just the credentialed members. A&C provided me the advantage to recognize and be a part of developing what I believe to be the cornerstone of the AAID, our credentialing program. These earned credentials are what I believe distinguishes the AAID from other organizations that claim to be in our space. This gives me tremendous pride along with a strong affinity for what we have accomplished.

JF: Can you describe your day-to-day practice?

BD: Every day, I practice dentistry in the beautiful city of Atlanta, home to the 2020 Annual Conference. I have two dental

Dr. Bernee Dunson takes a moment out to pose with AAID Foundation Board Member Dr. Mike Ursu.





Dr. Dunson talks with participants of the 2019 DC MaxiCourse.

practices. The primary office is in the heart of the city, Midtown Atlanta, where I also facilitate my educational center, the Global Dental Implant Institute. My second practice is a suburban practice located in Stone Mountain.

JF: Which types of procedures take up most of your time?

BD: Advanced cosmetic case and implant reconstructive cases.

JF: What do you most enjoy when it comes to practicing dentistry?

BD: My greatest joy comes when I can transform lives through both aesthetic and functional implant reconstructions.

JF: What is your perception of the greatest challenges facing AAID members?

BD: I think one of the challenges for the AAID, specifically general members, is to take the step to become credentialed. We have a two-part examination. The written exam follows the program that many members take, such as the MaxiCourse®, and a lot of them successfully pass and become Affiliate Associate Fellows. However, many find it challenging

to put the cases together for the second part of the exam, the oral exam. This exercise in performing and documenting these procedures is critically important for the participant to gain the skills necessary in treating the patients we are privileged to serve.

JF: As you begin your term as the new AAID President, what do you see as the most significant challenges we face as an organization?

BD: In the 27 years I have been an AAID member, I've seen the organization experience peaks and valleys. While the good times are often sunshine and roses, it is the challenges that we face and how we react to them that expose the true fabric that makes up the core foundation of the AAID. As an organization, we expect to face bumps in the road, but we look to experience growth as we work through these challenges. It is only natural and healthy within a membership that there be some differing opinions about issues that arise. We have to allow for democracy to run its course and move forward with the collective majority vote. We need to work together to maintain and uphold the great camaraderie that I have admired for so many years. We must be willing to set

aside our differences and take a collaborative approach toward unity for the greater good of the organization. This is my theme for the year, and I have a clear vision of how to do that.

JF: What is your assessment of the areas of greatest opportunity for developing the AAID?

BD: The greatest opportunity is to refocus ourselves on the mission. In order to be in concert with current trends in higher education, I believe it is necessary that we consider adding a multi-faceted educational program. We need to first achieve a unified curriculum-approved residency program—this would allow us to take the educational platform (including credentialing) to a higher level throughout multiple universities and institutions of higher learning throughout the country. In addition, this new platform for education in a residency setting will help us gain our ultimate goal of specialty status. Second, in order to compete with ever-evolving academia, the AAID needs to consider implementing an executive-level training program geared toward the work schedules of elite professionals and modeled after the accessibility and flexibility typical to that of the popular Executive MBA.

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*Hoganson DM, Owens GE, O'Doherty EM, Bowley CM, Goldman SM, Harilal DO, Neville CM, Kronengold RT, Vacanti JP. Preserved extracellular matrix components and retained biological activity in decellularized porcine mesothelium. Biomaterials. 2010, 27: 6934-6940.



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Dunson

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JF: Do you have any specific policies that you would like to implement regarding services to the members?

BD: I am going to center my comments on goals and policies specific to education. I want to see accessibility to education increased by offering more webinars, online learning programs and hands-on learning programs that include but are not limited to: immediate implant placement and provisionalization in the esthetic zone, cadaveric soft and hard tissue grafting programs, and full-arch solution programs.

JF: How much time do you plan to spend interacting with the staff in Chicago to lead the AAID?

BD: I will spend as much as it takes. I have been president for a short time and spend 20 to 30 hours a week working on AAID projects to be launched in 2020. I know this work will help move the organization forward.

JF: In late 2020 at the AAID Annual Conference in Atlanta, your term will be coming to an end. What do you hope will most notably mark your reign as president?

BD: My desire is that when I look back on my presidency, it is evident the time and energy I invested in the AAID assisted in reuniting the leadership while focusing on the organization's mission and its forward progress.

JF: Why should people—namely newer dentists—choose to learn about implants and get involved with the AAID?

BD: Not only are we one of the oldest organizations that provide dental implant education, but I believe we are the best. We also are the only organization providing bonafide credentials within the space of implant dentistry. In addition, we have always been proud of our open culture that embraces individuals interested in learning and expanding their skills in implant dentistry.

JF: This is very inspirational. Is there anything else you'd like to discuss?

BD: I'm excited about working with the executive team. I'd like to end with this: I see myself as a servant leader who relies on collaborating with those I am privileged to serve alongside. We have a tremendous

assembly of executive officers and trustees who govern the AAID. In addition, committee members assist the governing body in supporting the organization. I look forward to working with the current leadership assembled to move forward. I do not hold lightly the value our membership including our general members brings to the organization. I recognize that the AAID would not be what it is today without the valuable support of each and everyone of you. We continue to rely on you to promote the organization in the best positive light and help us move the AAID forward in 2020.

JF: Let me join with so many others as I wish you the best as the new AAID President. I hope in a year we look back and see that you were the right person at the right time. I also hope your term is marked by significant success fortifying the reputation of the group as the most notable professional organization in the complex world of oral implantology. Thank you, Dr. Dunson.



Dr. Dunson works with Dr. Preston Ford.



By Frank R. Recker, DDS, JD
General Counsel, AAID

The Dos and Don'ts of DSOs

We have all heard of the good and bad about dental service organizations (DSOs). My perspective cannot be considered objective because as a dentist/attorney I have inherent biases. On top of that, my dealings with DSOs are precipitated by dentists who want our representation regarding adversity with a particular DSO. So, in the end, I see largely one perspective: that of the dentist involved in a dispute with a DSO. Now, having revealed the source of my bias, I will tell you what I have encountered.

One client was employed with a DSO in Ohio. His grievance was related to his work schedule, production quotas, nature of patients being given to him, 12-hour work days with no breaks, and management's alleged lack of concern about working conditions. His expected "output" was very difficult to achieve, and his patient load and ability to meet performance quotas were primarily dependent on patients who were on public assistance. When he sought to terminate his employment contract, he was

also strapped with an onerous non-compete and a \$25,000 incentive pay back. And my client was extremely competent and highly respected as a dentist. His final grievance was that he could not refer specialty care to a local oral surgeon of his choice, but had to defer to the specialist selected by his non-dentist bosses. As it turned out, the DSO acquiesced to his request to leave with no punishment related to the holdback of his bonus, and departed without further economic injury.

Another client wished to have a second expanded function dental auxiliary and properly requested that the DSO allocate an additional assistant permitted to place restorations and perform additional tasks, which was allowed in that state. The company responded in writing, explaining that from their perspective, she wasn't generating enough revenue to justify an additional assistant. As you might expect, my client felt quite the opposite, in that a second expanded duty assistant would result in higher productivity. In addition, my client's new boss was her former dental hygienist who had been hired for management duties by the DSO.

The company responded in writing, explaining that from their perspective, she wasn't generating enough revenue to justify an additional assistant.

A third such encounter from a third DSO involved my client signing a 15-year management agreement to allow the DSO to perform marketing and other activities typically performed by a hybrid DSO. He was assured that if he followed their management directives, his profitability would increase exponentially and they would handle all marketing and internal management functions. First, the DSO requested that my client terminate his long-term employee office manager and accept a replacement chosen by the DSO. He was also required to sign paperwork largely related to multiple PPOs, which he had never accepted before. This resulted in reduced profitability—although more patients—and to further enhance his Medicaid patient profile. As one might expect, my client found himself working harder, more days per week, and for less profit.

The DSO purchase price will seem more than fair, but the small print containing the dentist's warranties versus the purchaser's warranties may be very one-sided.

Although I could recite more clients' negative encounters with DSOs, it is very important that dentists retain legal counsel *before* signing an employment contract related to a sale and subsequent performance as an employee of the DSO, or a sale of your practice to a DSO. The DSO purchase price will seem more than fair, but the small print containing the dentist's warranties versus the purchaser's warran-

ties may be very one-sided. The language used is familiar to attorneys', but could be very detrimental to the dentist if not thoroughly reviewed by competent legal counsel. These are areas of wording in the DSO/dentist contracts that don't seem very burdensome to the dentist. But the dentist won't find out what they really mean until a dispute arises.

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By Roger P. Levin, DDS

The Psychology of Implant Case Presentation

All too often in case presentation, dentists focus on a very specific method that they believe will maximize case acceptance. Unfortunately, there is no one single approach that can accommodate all patients. Everyone has different buying behaviors, so your approach to case presentation must be adapted to each individual.

Case presentation must address the psychology of the patient; however, patient personalities can vary greatly. Since it's unrealistic for practices to devise models for the varying psychologies of each patient, we recommend using a specific model for case presentation that can be customized to meet a patient's individual needs.

A better approach is to have an engaging conversation with a patient that addresses factors that are relevant to them and critical for case acceptance.

Most case presentations simply tell patients what they need and how much it costs. However well-intentioned, this tends to turn patients off. People today are more cynical and the younger the patient the more adverse they are to the selling process. A better approach is to have an engaging conversation with a patient that addresses factors that are relevant to them and critical

for case acceptance. Talking with patients rather than selling helps to build trust.

The Five Questions of Implant Case Presentation

When presenting an implant case to patients, it is crucial to include the answers to the following five questions. Patients may not be aware of these questions initially, but if they don't get the answers, they'll become uncomfortable and not accept treatment.

1. What are implants? Patients want to know the materials from which implants are made, how long they will last, and the general treatment process. Keep in mind that you must avoid providing too many technical details. If you do, the patient will become overwhelmed and ultimately decline treatment. One Levin Group consultant recently sat in on a case presentation during which the doctor spent 20 minutes talking about the technical factors of dental implants. After only 5 minutes of technical explanations, the patient's eyes had glazed over and she was no longer paying attention. It's best to keep technical information brief. If you have the occasional engineer who wants more information about the implant process, you can elaborate as necessary. However, you should spend no more than 10 percent of case presentation time on this question.

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Business Bite

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2. How can implants help me? Don't make the mistake of assuming that patients understand how implants will benefit them. They may have a general idea, but it helps to provide a complete explanation with examples. We recommend explaining the top three benefits of implant dentistry and repeating those benefits three times throughout the presentation. Of course there are more than three benefits to implant dentistry; however, in a short presentation, the patient will likely remember the three you include.

It's also helpful to share positive reviews from other patients. Testimonials and very short video clips of highly satisfied dental implant patients can offer genuine and patient-friendly information about the benefits of implants, which may make other patients more likely to accept treatment. We recommend spending 60 percent of the time of implant case presentation on an explanation of benefits.

3. How long will implant treatment take?

This is an easy question but many dentists underestimate how important time is to patients. We believe that many cases aren't accepted simply because the timing isn't convenient. It's important to emphasize to patients exactly how long each appointment will take and the length of the recovery time. We recommend reinforcing benefits right after you discuss the timeframe. The benefits will often outweigh any inconvenience in a patient's schedule. We suggest no more

than 10 percent of the implant case presentation be allocated to explaining how long treatment will take.

4. How much pain will I experience?

Every patient wants to know what level of pain they will have during recovery. Many doctors shy away from addressing this issue; however, it's always a question in the mind of the patient and many people will avoid dental implants due to fear or anxiety. This can be alleviated with the right explanation. Address this clearly by explaining to the patient how he or she will be kept comfortable, the steps involved in the recovery process, and how long he or she will need to be at home or away from work. We suggest that only 10 percent of the case presentation time focus on pain during recovery.

5. How much will implants cost? This is one of the most critical questions that a dental practice can answer. Many financial coordinators simply tell patients how much it will cost rather educating them on the different options and how treatment can be more affordable than they realize. Let patients know upfront that there are multiple payment options and that the practice will work with them to select one that is affordable. Be sure to continue to emphasize benefits when you're explaining financial options. We suggest spending approximately 10 percent of the implant case presentation time on this question.

The five questions above allow any individual to follow a process for implant case presentation that can be customized. Patients will have other questions that they will voice, but these are the five questions every patient wants answered before he or she is ready to make a commitment. Some patients will put more emphasis on certain questions than others, but by following this process, all questions will be answered and implant case acceptance will grow.

Dr. Roger P. Levin is the CEO of Levin Group, a leading dental management consulting firm. Founded in 1985, Levin Group has worked with over 30,000 dental practices. Dr. Levin is one of the most sought-after speakers in dentistry and is a leading authority on dental practice success and sustainable growth. Through extensive research and cutting-edge innovation, Dr. Levin is a recognized expert on propelling practices into the top 10%. He has authored 65 books and over 4,000 articles on dental practice management and marketing. To contact Dr. Levin, visit www.levingroup.com or email rlevin@levingroup.com.

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Q&A with George Kay

by James E. Ference, DMD, MBA, FAAID, DABOI/ID

Wayne Gretzky, the superstar Canadian hockey player, once said, "Good hockey players skate to where the puck is, but great hockey players skate to where the puck will be." Similarly, top clinicians seek to know where the profession might be heading so as to evaluate what might be best for our patients not only today, but as science and options evolve forward. In that spirit, we have decided that it would be interesting and productive to explore some technologies that may well warrant our attention and interest.

I have often referred to the impressively talented people who make up the AAID. One such member has been working on some technology that may play a role in oral implantology depending on ongoing research. Dr. George Kay, a practicing prosthodontist from Massachusetts, has had a long association with Harvard since earning his DMD in 1980. Also he has served as a member of the group that constructs the board examination for the ABOI. His resume is long and impressive, but we are particularly interested in his role as Chief Scientific Officer at Launchpad Medical.

Dr. George Kay, a practicing prosthodontist from Massachusetts, has had a long association with Harvard since earning his DMD in 1980.

Dr. Ference: Dr. Kay, which aspect of your background played the most significant role in leading you to your present interest and position?

Dr. Kay: I have always been interested in research and have been a part-time academic for 40 years. The current project is closely related to my master's thesis, as well as my deep and long-standing interests in both chemistry, in which I have a degree, and in implant dentistry, which I practice. However, my contact with the people with whom I co-founded Launch-Pad Medical was more of a coincidence, a stroke of luck, based on a network of people connected into my practice.

Dr. Ference: Dr. Kay, what was the origin and nature of the product that you find so interesting?

Dr. Kay: It is a bone-adhesive biomaterial originally inspired by the ability of a sea creature, the sandcastle worm, to build its reef-like house by sticking grains of sand together under water. It is not a product on the market yet, but, subject to regulatory approval, a technology that might fundamentally change both orthopedics and implant dentistry by enabling treatments one can only imagine today. The name of this technology is Tetranite®.

Tetranite is unique, perhaps the first in a new class of mineral-organic adhesives. Like calcium phosphates bone cements, it is self-setting and has compressive strength; however, this material is robustly adherent to surfaces and is replaced with bone within months vs. years.

Dr. Ference: What properties does the material demonstrate that differ from existing technologies?

Dr. Kay: The material offers a broad suite of highly desirable and beneficial properties that will likely be useful in many fields of application in medicine and dentistry. It is highly biocompatible and resorbable on the scale of months. It is robustly adhesive to bone and metals in the wet field, enough to support 250-lb tensile load on an approximately two-square-inch of surface, 10 minutes after application. It is injectable, self-setting in a few minutes, and forms a barrier to soft tissue ingrowth, to name a few. The composition of Tetranite is very simple and only includes substances which are normally found in the human body.

Dr. Ference: How far along is the research that leads to determination as to whether the material could be safe and efficacious for human use?

Dr. Kay: At this point we are conducting a human pilot trial, having satisfactorily completed the in vitro, small animal, and large animal studies required by the FDA.

Dr. Ference: Does the material demonstrate any characteristics that could limit its use? Does it illicit an inflammatory response compared to other grafting materials?

Dr. Kay: The hard-tissue adhesive formulation currently being used in the human study is remarkably well tolerated. After implantation, no significant detectable acute or chronic inflammatory response is generated at the site. In fact, we have found that gingiva overgrows small areas of exposure within two weeks.

Dr. Ference: Are there existing materials that are somewhat similar in any respect?

Dr. Kay: Tetranite is unique, perhaps the first in a new class of mineral-organic adhesives. Like calcium phosphates bone cements, it is self-setting and has compressive strength; however, this material is robustly adherent to surfaces and is replaced with bone within months vs. years. Like polymethyl-methacrylates bone cements, the material is used to stabilize metallic implants; however, Tetranite does not cause thermal necrosis during its cure and is osteoconductive.

Dr. Ference: What are the range of uses that such a material could play in clinical practice?

Dr. Kay: We are pursuing a path leading to a dental implant stabilization material being the first commercial product. That is the application our first-in-human trial is addressing. Possible other applications include oral bone grafting, fracture repair, spinal fusion, joint fusion, cranial flap fixation, artificial joint fixation, drug delivery, and a slew of others in both oral and orthopedic domains.

Dr. Ference: Has it been challenging/time-consuming to move through the regulatory requirements?

Dr. Kay: It has been approximately 10 years since the invention of the technology, and about five years since the founding of the company. The preparation of the materials for the regulators has been a large part of our efforts. I must say that, also being a potential consumer of the regulated products, the interactions I have had with the FDA have only built my respect for both the process and the personnel of the agency. The questions asked are good and the analysis is thorough and smart.

continued on page 22

Clinical Bite

continued from page 21

Barring detours, surprises, or setbacks, the earliest reasonable and optimistic estimate for marketing approval of Tetranite for dental implant stabilization is 2023.

Dr. Ference: What is your best guess regarding when, optimistically, this material could reach the marketplace if no glitches occur?

Dr. Kay: Barring detours, surprises, or setbacks, the earliest reasonable and optimistic estimate for marketing approval of Tetranite for dental implant stabilization is 2023.

Dr. Ference: Have you been able to continue as a clinician while playing this role?

Dr. Kay: Yes, I can gladly say I have, although on a limited basis, approximately

six days a month. I sold my practice seven years ago and now practice in a long-time friend's practice as an associate. My time commitment and travel schedule at LaunchPad Medical would not allow me to manage my own office.

Dr. Ference: Compare the challenges and satisfactions—let's call it your "happiness index" as a practicing prosthodontist versus as a biotech developer.

Dr. Kay: Perhaps it is a cop-out to say that I get both to eat my cake and keep it too: I get to enjoy and be challenged by both. As much as I love the rewards and satisfaction

of treating patients, I also love the creative and intellectually stimulating world of bringing something totally new and better with which to treat the patients better.

Dr. Ference: I continue to believe that members of the AAID are an impressively energetic and creative group. You certainly fit that model. Will you please keep us informed as to developments along the way?

Dr. Kay: Of course!

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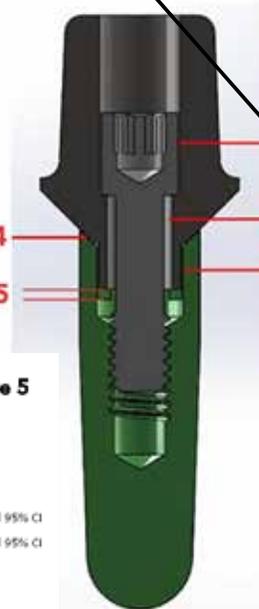
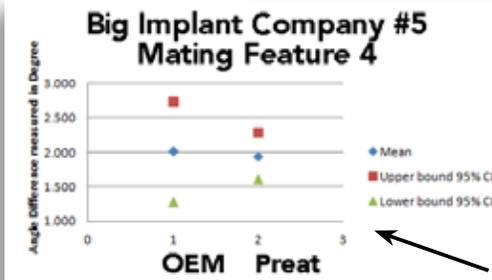
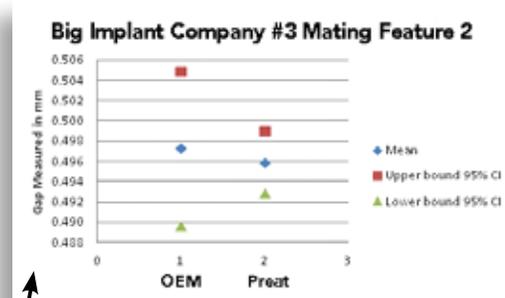
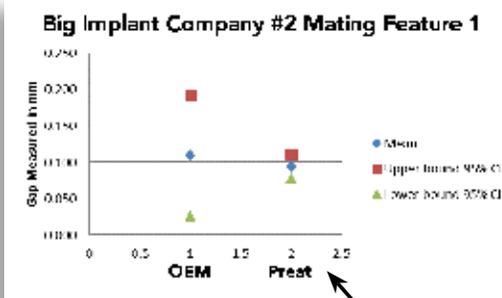
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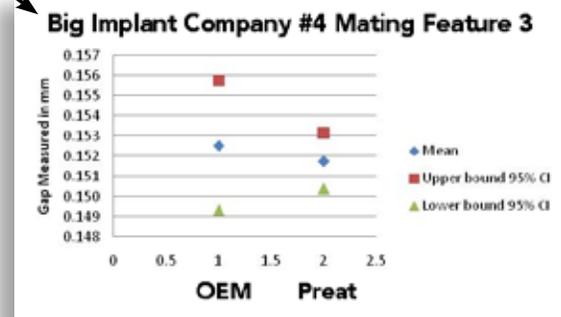
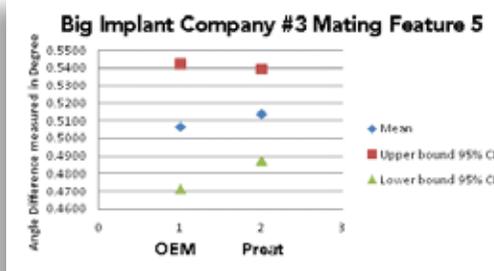
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- MATING FEATURE 1:** Screw head clearance to the abutment.
- MATING FEATURE 2:** Screw shaft clearance to the abutment.
- MATING FEATURE 3:** Hexagonal connection clearance.
- MATING FEATURE 4:** Abutment tapered seat.
- MATING FEATURE 5:** Abutment hexagonal clearance to the Implant.



Test results by independent Third Party, 2018:

CONCLUSION

Preat Abutments will meet and/or exceed fit and function of the OEM abutments.



Editor’s Note: Because of busy schedules, you may not have time to read the dozen or so articles in each issue of the Journal of Oral Implantology. In this section of AAID News, we selected a few articles that have broad applicability to the daily practice and provide a brief summary of key points so you can decide if you wish to read the complete article. The following articles are from Volume 45, Issue 5 (October 2019).

CASE REPORT

Photogrammetric and Intraoral Digital Impression Technique for the Rehabilitation of Multiple Unfavorably Positioned Dental Implants: A Clinical Report

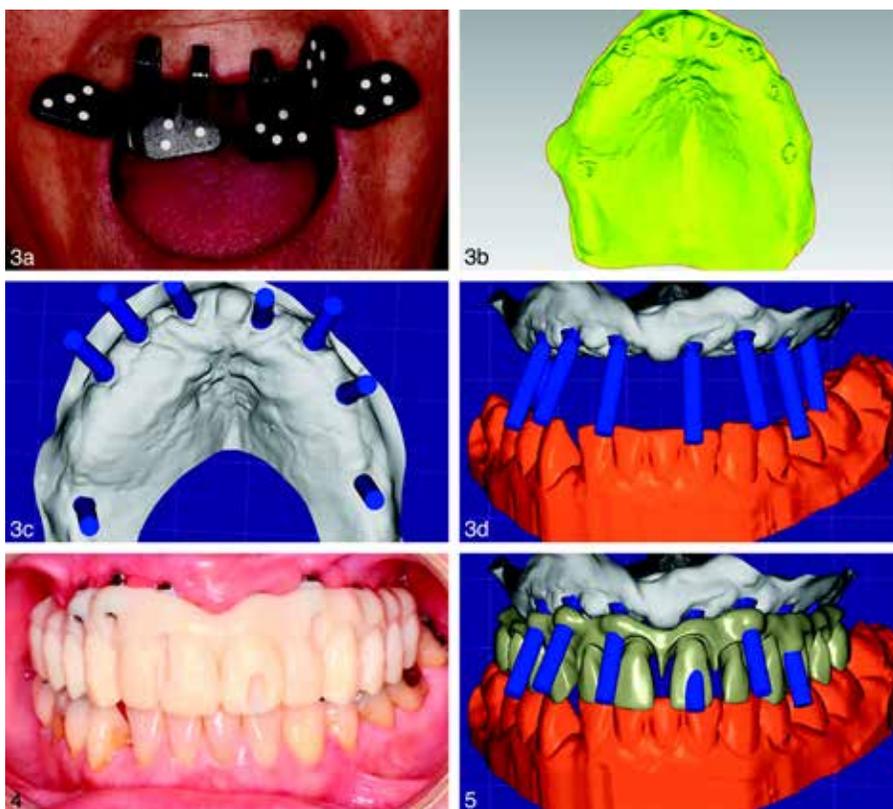
The authors of this case report aim to describe the use of the photogrammetric system as an accurate technique to record 3-D implant positions of a full-arch maxillary fixed implant-supported rehabilitation. They review the case of a 47-year-old healthy woman who requested restorative treatment for her compromised functional, esthetic, and phonetic issues. Clinical examination, intraoral photography, radiographic examination, diagnostic cast, and occlusal assessment were performed. The intraoral examination revealed an existing maxillary metal-resin fixed prosthesis supported by 6 implants, that was unfavorably positioned in the anterior maxilla. Generalized mucositis

was also observed underneath the prosthesis. The jaw relationship of the existing maxillary prosthesis was satisfactory and was transferred to the new prosthesis. The patient was prescribed a new fixture-level metal-ceramic implant-supported fixed prosthesis. The prosthesis was screwed with the manufacturer’s recommended torque. The screw access channels in positions 8, 7, 6, and 10 were visible in the buccal area, and pink composite plugs were made and inserted to hide them. These plugs were bonded to the channel with a combination of self-adhesive resin cement with a portion of polytetrafluorethylene. Oral hygiene instructions and postoperative instructions on how to care for the new prosthesis were given to the patient. The patient was followed up at 1 week; 1, 3, and 6 months; and 1 year after the insertion of the definitive prosthesis. No esthetic, biological, or mechanical complications were reported or revealed. Patient satisfaction was obtained in all appointments.

Pedro Molinero-Mourelle, DDS, MDS, Walter Lam, BDS, MDS, Rocío Cascos-Sánchez, DDS, MDS, Luís Azevedo, DDS, Miguel Gómez-Polo, DDS, PhD, Photogrammetric and Intraoral Digital Impression Technique for the Rehabilitation of Multiple Unfavorably Positioned Dental Implants: A Clinical Report, *Journal of Oral Implantology*. 2019 Oct;45(5):398-402.



FIGURES 1 AND 2. FIGURE 1. (a) Pretreatment extraoral view of smile. (b) Generalized mucositis around dental implants. FIGURE 2. Panoramic radiograph after the placement of the posterior implants.



FIGURES 3–5. FIGURE 3. (a) PiC abutments devices on implants. (b) Digital impression of the patient’s soft tissues. (c) Virtual image of the implant positions (PiC file) aligned with the digital intraoral impression of the soft tissues using best fit (Exocad). (d) Digital impression of the antagonist arch. FIGURE 4. Polymethylmethacrylate try-in denture. FIGURE 5. Virtual image of the metal framework design.

CASE LETTER

A Novel Application of Dynamic Navigation System in Socket Shield Technique

The author of this Case Letter shares his experiences using a new registration method—“Trace registration”—with the socket shield technique using an image-guided dynamic navigation system, detailing the advantages over other methods. He describes a 23-year-old female with noncontributory medical history who presented with a non-restorable maxillary left first premolar due to severe caries. The author first shares the steps he took using the dynamic navigation workflow, including clinical photographs, which he merged and mapped together on the Navident software. He then describes the steps taken in the socket

shield preparation and implant placement, followed by a discussion of several studies on the socket shield technique. The author also compares several studies, including Hurzeler et al, Baumer et al, as well as Mitsias et al and Schwimer et al. While the discussion includes those studies, the author mentions that there are limited numbers of medium- to long-term follow-up studies on the socket shield technique.

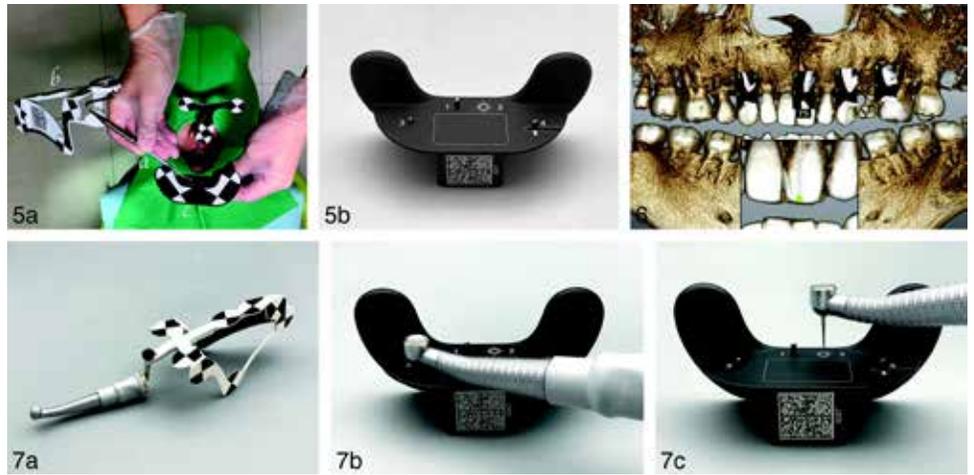
Joey T. Chen, DDS, A Novel Application of Dynamic Navigation System in Socket Shield Technique, *Journal of Oral Implantology*. 2019 Oct;45(5):409-415.

continued on page 26

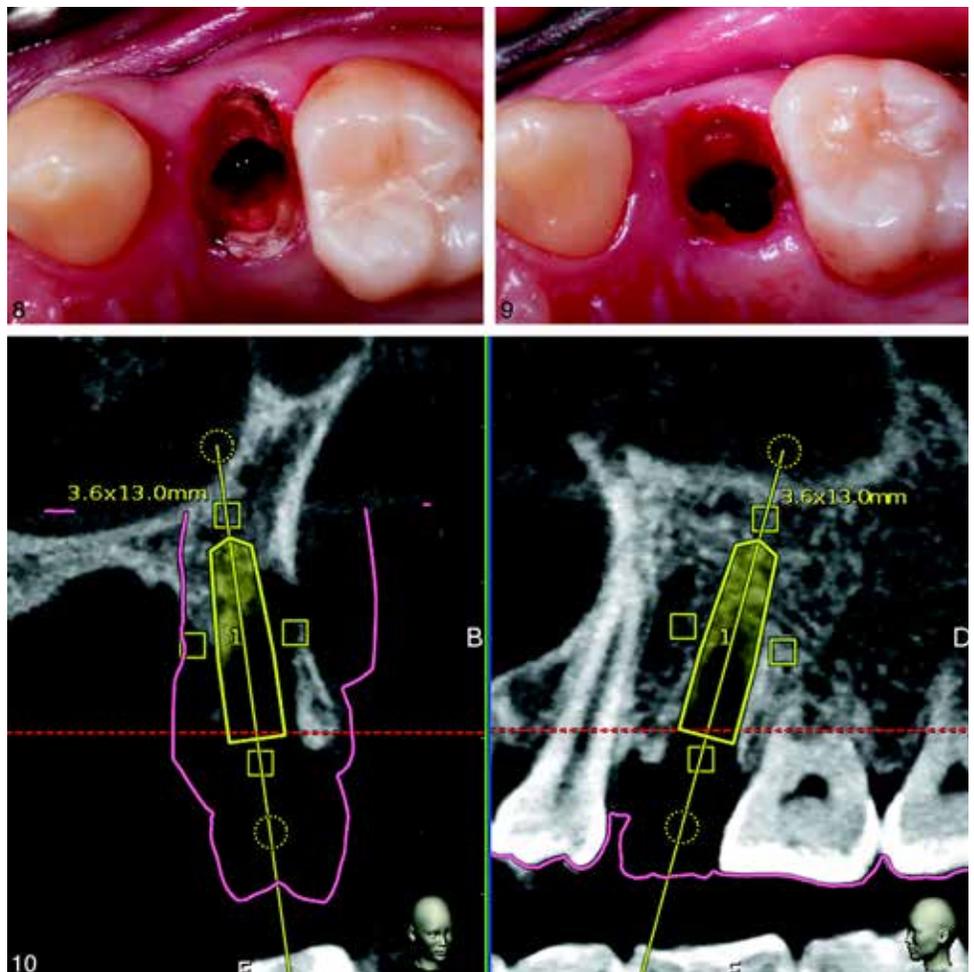
JOI Sampler

continued from page 25

FIGURES 5–7. FIGURE 5. (a) The Tracer Tool (1) was attached to the TracerTag (2) and calibrated on the Calibrator (3). (b) The Calibrator: #1 is the pin for calibrating the axis of a contra-angle handpiece; #2 is the dimple to calibrate the tip of an instrument, bur, or drill; #3 is the pin for calibrating the axis of a high-speed handpiece. FIGURE 6. Four teeth were selected as landmarks for the trace registration step. Tracing of 4 teeth to map the patient's actual anatomical structures to the CBCT scan images. FIGURE 7. (a) A high-speed hand-piece was attached to the TracerTag. (b) The chuck of the handpiece was placed over pin #3 on the Calibrator to register the axis of the bur. (c) A bur was inserted into the handpiece and calibrated by placing the tip of the bur in the dimple (#2) on the Calibrator.



FIGURES 8–10. FIGURE 8. The initial osteotomy was prepared according to the planned position, and a mesiodistal cut was performed to separate the buccal and lingual portions of the root. FIGURE 9. A C-shaped socket shield was prepared, and the coronal portion of the shield was reduced to the level of the buccal bone crest. FIGURE 10. A 3.6313 mm implant was planned on the Navident software for a screw-retained restoration.



continued on page 29

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[1] Babbush CA. Post treatment quantification of patient experiences with full-arch implant treatment using a modification of the OHIP-14 questionnaire. J Oral Implantol. 2012 Jun;38(3):251-60. ifu.neodent.com.br/en

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RESEARCH

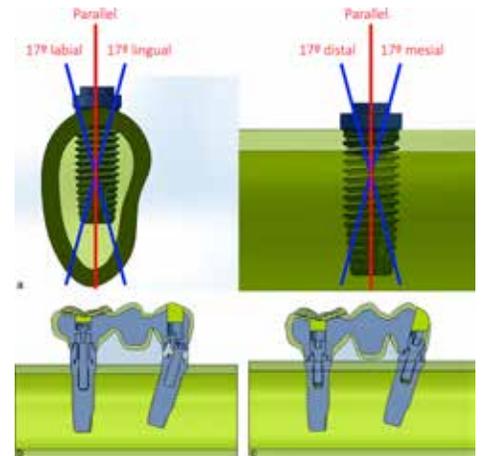
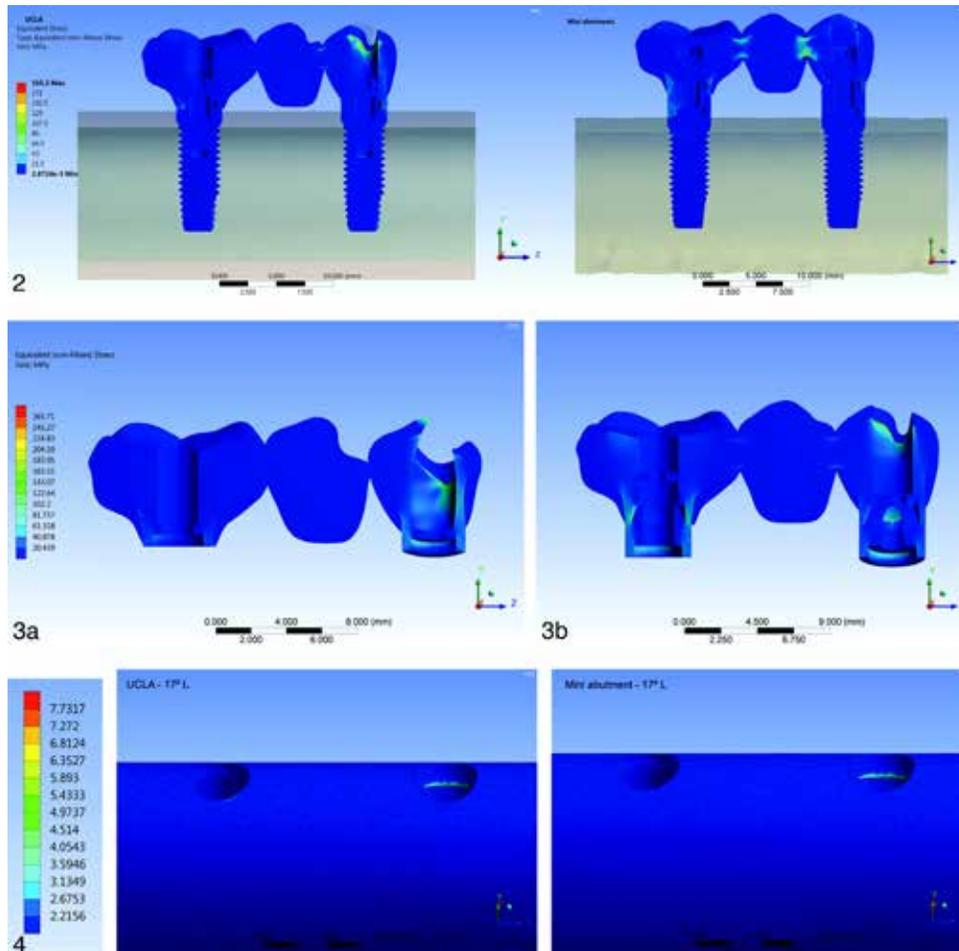
Influence of Implant Inclination and Prosthetic Abutment Type on the Biomechanics of Implant-Supported Fixed Partial Dentures

Obtaining parallelism during implant placement is often difficult, leading to inclination of implants. The present study evaluated the stress distribution in 3-unit fixed partial dentures supported by 2 implants with different inclinations and prosthetic abutments. Universal castable long abutments (UCLAs) or tapered abutments were used considering 178 of implant angulation in different directions (mesial, distal, buccal, or lingual). To do so, 3-dimensional finite element models were built and exported to specific analysis software. Forces were applied to the functional cusps. Data were obtained with regard to the maximum prin-

cipal and von Mises stresses (in MPa). No relevant differences were observed in the stress values in the cortical and cancellous bone nor in the prosthesis with UCLA or tapered abutments. However, a relevant stress reduction in the prosthetic screws of the tilted implant was observed when using UCLA abutments. According to the obtained results, it is possible to suggest that both UCLA or tapered abutments can be used for 3-unit fixed partial dentures when 1 of the implants is tilted. UCLA abutment might lead to less biomechanical problems related to screw loosening or fracture.

Victório Poletto-Neto, DDS, MSc, Pedro Henrique Wentz Tretto, DDS, MSc, Bruno Massucato Zen, DDS, MSc, Atáís Bacchi, DDS, PhD, Mateus Bertolini Fernandes dos Santos, DDS, PhD, Influence of Implant Inclination and Prosthetic Abutment Type on the Biomechanics of Implant-Supported Fixed Partial Dentures, *Journal of Oral Implantology*. 2019 Oct;45(5):343-9.

FIGURE 1. Schematic representation of the different inclination adopted in the study. (a) Cross-section view of the models: tapered abutment (b) or universal castable long abutment (c).



FIGURES 2-4. FIGURE 2. Distribution of the von Mises stress in models with universal castable long abutment-type abutments and tapered abutments in parallel implants.

FIGURE 3. Distribution of von Mises stresses in prosthesis and abutments made with (a) universal castable long abutment or (b) tapered abutments when the anterior implant was tilted 178° lingually. Note the higher stress concentration in the porcelain-framework interface in (a) and a more homogeneous dissipation along the entire prosthesis and the conical tapered abutments in (b).

FIGURE 4. Maximum principal stress distribution, in MPa, in the peri-implant bone tissue in the situation that presented the highest stress concentration values (178° lingual) for both the universal castable long abutment and tapered abutment groups.

CONSUMER OUTREACH

The Results Are In

Oh, the weather outside is frightful, but our members are so delightful! We'd like to take a moment to thank those who donated their time and participated in Dental Implant Awareness Month (DIAM). We celebrate this every year to raise consumer awareness about making informed, healthy decisions regarding dental implants. With more than 700 AAID member dental offices participating, our message reached even more people this past year.

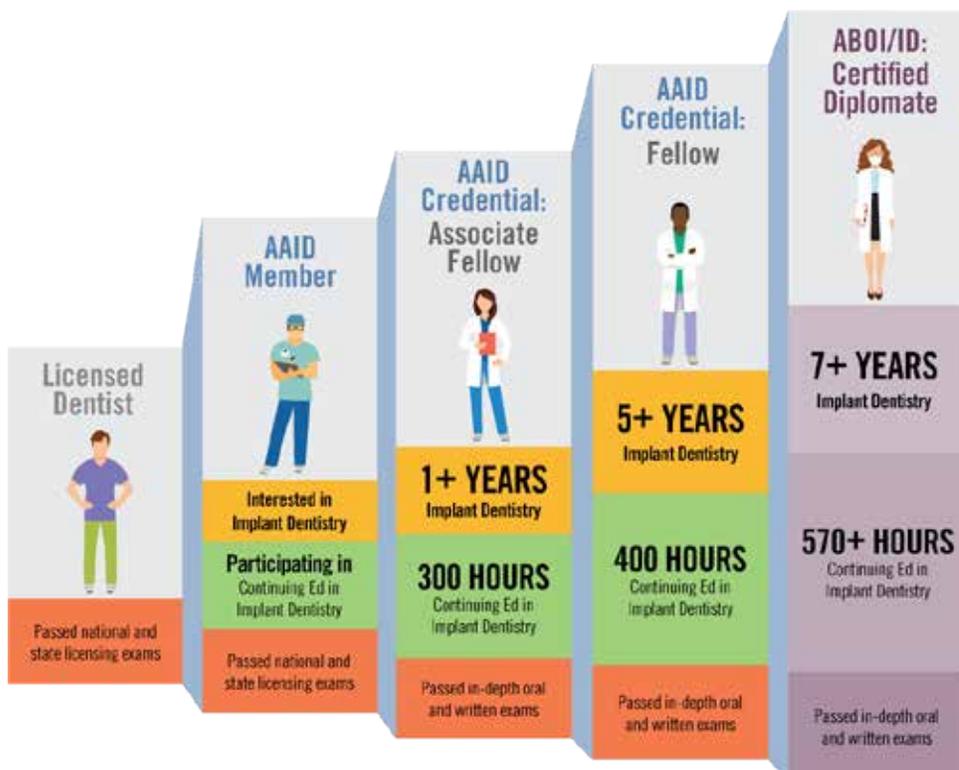
But, we'll let the results speak for themselves. Drum roll, please!

- 135 local and national news websites shared the initial press release announcing DIAM. It was shared by organizations such as *The Buffalo News*, *The Daily Herald* and ABC7.
- An advertorial titled "5 Reasons Dental Implants Will Make You Smile" secured 1,091 online placements and 5 print placements while an infographic detailing the AAID credentialing process received placement on 448 digital outlets.
- The consumer-facing website (aaid-implant.org) received an astounding 49,136 unique visitor sessions for the month of September. 52 of those visitors were referred to AAID-credentialed dentists!

We're so excited about these results, and we need to hear from you! Look out for an email in the coming months with a survey about your Dental Implant Awareness Month 2019 experience.

And, if you haven't had a chance to yet, be sure to check out the newest addition to the consumer-facing website's homepage: a patient-focused educational video featuring 10 AAID members. Check aaid-implant.org and watch "Behind Every Dental Implant Is a Story." The video has already been shared by 134 local and national news websites.

Thank you again for working together to make Dental Implant Awareness Month a success!





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In Memoriam: Dan Root

The AAID is sad to share the news that Dan Root, passed away on November 5, 2019. Dan was one of only two non-dentists to ever receive the AAID Gershkoff-Goldberg Memorial Award (2005). As the owner and founder of Root Dental Lab in Kansas, Dan's contributions to implant dentistry were vast. He began working at Holman Dental Lab in Kansas City, Missouri, as a delivery boy at age 16. Shortly thereafter, he was offered a position building crowns.

His passion and talent in implant dentistry continued when he served in the U.S. Army Reserve as a dental assistant, where he worked with University of Missouri Kansas City dental students. With Dan leading the innovation, Root Dental Lab became world-renowned for cutting-edge dental implant manufacturing. He pioneered many techniques for implant procedures, and lectured throughout the world, sharing his passion for implants.

Officers Decided at the 2019 Annual Business Meeting

The 2019 Annual Business Meeting of the American Academy of Implant Dentistry (AAID) was called to order at the Aria Resort & Casino on Saturday, October 26, 2019.

The AAID inducted 93 new Fellows and Associate Fellows, bringing the total number of credentialed members to 1,100. You can see pictures of this year's awardees on pages 38 through 40.

Dr. Danny Domingue from Lafayette, LA, was introduced as the 2019 Honorary Fellow. See page 34 for more information and the rest of the 2019 Awardees.

Attendees observed a moment of reflection in memory of the following members who passed away since the 2018 Annual Business Meeting:

- Dr. Ralph Cater
- Dr. Minh Thu Dang
- Dr. Lloyd Dowd
- Dr. Allen Platt
- Dr. C. Thomas Qualey

Finally, the following members were elected as AAID Trustees:

- Dr. Bernee Dunson, President
- Dr. Duke Heller, President-Elect
- Dr. Brian Jackson, Vice President
- Dr. Shane Sammy, Treasurer
- Dr. Edward Kusek, Secretary

As our new officers take their respective positions, Dr. Natalie Wong moved to the position of Immediate Past President. For a full listing of AAID Officers and Trustees, go to aaid.com/about/leadership.



Dr. Bernee Dunson,
President



Dr. Duke Heller,
President-Elect



Dr. Brian Jackson,
Vice President



Dr. Shane Sammy,
Treasurer



Dr. Edward Kusek,
Secretary

AAID President Bernee Dunson Delivers His Inaugural Address



The following is an excerpt of the speech introducing Dr. Bernee Dunson as AAID president. Make sure to read the cover article to gain an understanding of Dr. Dunson's goals for 2019-2020.

I am Bernee Carl Dunson. I am humbled and honored to join you on this platform to serve as your President for the 2019-2020 calendar year. I believe that I join you at what quite possibly could be in the history of our Academy the most tumultuous time. Despite this reality, I am excited about the challenge and I am looking forward with confidence to "Move the AAID Forward" in the coming year.

Many of my predecessors in this position chose to give you insight into their background. I feel obliged to repeat this effort and provide some insight into mine. I was born in Albany, Georgia. The third child of four of two outstanding educators. My parents, Dr. Charles Kenneth Dunson, a mathematician and university dean, and my mother, Mrs. Bette Battle Dunson, and reading and English supervisor who are my heroes. They provided my siblings and me all of our needs and most of our wants growing up. The wants that we did not receive were lessons of sacrifices that shaped and conditioned us as people. They taught my siblings and me the virtues of love and respect for others no matter what race, gender, or class. They put us on extremely high trajectories as we left high school to attend colleges. I did my undergraduate matriculation at Morehouse College in Atlanta, Georgia. Morehouse College is a small liberal arts historically black college. I am the tenth Morehouse man in my family and a member of a supremely proud legacy. Morehouse has a motto that I live by: "That you are not better than anybody, but you are as good as the best." The other blessing that comes from this great college is the vision for her graduates. Morehouse places a "crown" over its graduates that they spend their entire life growing up to wear.

I would like to thank the AAID as serving as the most significant organization in my entire professional life to date. It has been in this great Academy that I have enjoyed meeting some of the most talented clinicians and researchers. It is here that I have gained some of my closest friendships. Priceless friendships with past presidents Dr. Shankar Iyer, Dr. John Minnichetti, Dr. Richard Mercurio, Dr. David Hochberg, and other invaluable friends, too many to mention but do know that I appreciate you. This Academy has been priceless to my professional life.

My passions in life are spending time with family and friends. I enjoy hiking, traveling, college football, and great jazz music. I also live to inspire young leaders and students to achieve their greatest dreams. I truly enjoy teaching and learning with the next generation of implant dentists. July 2020 will mark my first 25 years of lecturing and giving presentations in implant dentistry.

I will not be able to accomplish my 2019-2020 goals alone; I need all of you. I have therefore carefully and strategically assembled strong, passionate, and congenial committee chairs and members. The chairpersons of each of these committees are great people who are respected. They have a history of respecting and working well with others. Each member of the committees has been selected with the same vision of working to bring brilliance and hold us all accountable. This great team of committees, members of the Board of Trustees, and I humbly need all of you to work together in 2020 to "Move Our AAID Forward." We can accomplish great things together in the coming year. I implore you to please delete the negative noise, the false emails coming from unauthorized sources latent with inaccurate information. Help promote what is great about our beloved AAID so that we can start winning again. Let us work together to make the future of our Academy better, brighter, and stronger with specialty status for the next generations of oral implant practitioners.

As I close, I also have to acknowledge three very, very special individuals: my strong and beautiful wife of 26 wonderful years, Hillary Scarbrough Dunson, and my two brilliant and talented children—my daughter, Haley Alexis Dunson a honor student and senior chemistry major at Howard University in Washington D.C.—and my son, Drew Charles Dunson, a football player, sophomore finance major at dear ole Morehouse in Atlanta. Their love, support, and sacrifice make me who I am. They inspire me to be the best I can be for you and give me the confidence to accept this challenge and distinguished honor as your president for the coming year.

I am Bernee Carl Dunson, seeking considerate support and saluting you all, and reporting as your humble servant leader.

AAID 2019 Award Winners

Aaron Gershkoff/Norman Goldberg Memorial Award

This award was established by the American Academy of Implant Dentistry (AAID) to honor an individual each year who exemplifies Aaron Gershkoff's and Norman Goldberg's commitment to implant dentistry and keeps their memories alive. As co-founders and the first two presidents of the AAID, they cooperatively developed the subperiosteal implant. They brought dentists from around the world together to form the AAID. They wrote the first textbook on implant dentistry in the United States and presented the first program on implant dentistry at an American Dental Association annual meeting. The Aaron Gershkoff/Norman Goldberg Memorial Award was established in 1973. Nominees must have demonstrated one or all of the following attributes: documented, outstanding service to the AAID; an outstanding and recognized contribution to the field of implant dentistry; national and/or international recognition as an outstanding implantologist; distinction in the field or allied science; and a high degree of professionalism.

2019 Recipient: Edward Joseph Mills, DDS, FAAID, DABO/ID, of Atlanta, GA



Dr. Edward Mills is an internationally recognized authority on dental implants and adult restorative dental treatment. Dr. Mills is an AAID fellow and a Diplomate of the American Board of Oral Implantology/Implant Dentistry. He is a former president of the Southern District and has served on the AAID Board of Directors.

Dr. Mills has lectured extensively throughout the United States and abroad on diagnostic, surgical, and restorative prosthetic techniques. He is the co-director of the Medical College of Georgia's AAID MaxiCourse® which is considered one of the most comprehensive continuing edu-

cation programs in the world. He helped develop, then co-directed, a three-year, hospital-based implant residency program at Emory Adventist Hospital, which was sponsored by Loma Linda University. He is the founder of the Atlanta Center for Restorative Dentistry. A graduate of Emory University in 1980, he has lectured extensively throughout the world on state-of-the-art restorative techniques. Dr. Mills was the AAID president in 2003. He founded the Atlanta Institute for Advanced Education, a state-of-the-art educational facility utilized to train professionals through lectures, live surgical demonstrations, and internet educational formats. Additionally, he is the current director of the Maximus 390-hour Comprehensive Dental Implant Training Program. Dr. Mills is a leading resource on both the surgical and prosthetic aspects of Dental Implantology and he has been surgically inserting and restoring implants in Atlanta for over 30 years.

Terry Reynolds Trailblazer Award

The Terry Reynolds Trailblazer Award was created to recognize the contributions Dr. Reynolds made to the profession of implant dentistry. Dr. Reynolds conceptualized, developed, and founded the implant MaxiCourse®, which has become the gold standard for implant. He was the first MaxiCourse director and, in 1998, became the first African American to serve as AAID president. The award recognizes an AAID member who epitomizes the spirit of Dr. Reynolds' work for the profession by:

- *Demonstrating leadership in implant dentistry*
- *Achieving accomplishments and accolades as innovative educator in art and science of implant dentistry*
- *Personifying the spirit of inclusion, outreach, and unselfish service that includes humanitarian efforts within the dental community, which fosters training, knowledge, and compassion to the betterment of patient care worldwide and service to mankind.*

2019 Recipient: Frank LaMar, Sr., DDS, FAAID, DABO/ID, of Rochester, NY.



Dr. LaMar was the AAID President in 2007, after having served as Trustee for 10 years and as an officer of the Board of Trustees for six years. Dr. LaMar was nominated and inducted as a Diplomate of the American College of Dentists in 1998 and as a Diplomate of the International College of Dentists in 1999. He currently serves on the AAID Global and Research committees and is the Past Chairman of the AAID Foundation. He was Chairman of the 1998 Northeast District Annual Meeting in Cooperstown, New York, and was Chairman for Corporate Sponsorship for the 1999 Northeast District Meeting in Mystic, Connecticut.

Dr. LaMar is a consultant, director, and staff member at Hybridge Dental Implant.

AAID 2019 Honored Fellow

The selection of new Honored Fellows includes a nomination process with final selection based on AAID involvement (volunteer positions at the national and district levels, speaking at AAID events, study clubs, etc.) and contributions to implant dentistry as well as the nominees' home communities (teaching, publishing, awards, community service, etc.).

Daniel Domingue, DDS, FAAID, DABO/ID.



Dr. Domingue was born and raised in Lafayette, La. He received his DDS degree from the Louisiana State University School

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They describe how they get more regular (non-Medicare age) full arch implant cases from direct to consumer advertising and how, for some, Medicare reimbursement gives them the luxury of being extremely competitive in pricing and to **make more money per case.**

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- Dr. C.L., CT*

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AAID 2019 Award Winners

continued from page 34

(Honored Fellow, Dr. Domingue)

of Dentistry in New Orleans. Further training included a one-year general practice residency and a two-year implantology fellowship. After being in private practice for six years (New York City and Lake Charles), Dr. Domingue moved back to Louisiana to join his uncle, Dr. Jerome Smith, in his practice.

He is the founder and president of Acadian Southern Society. He is on the Southern District Board as well as serves as the chair of the AAID Membership Committee.

Isaih Lew Memorial Research Award

The Isaih Lew Memorial Research Award is presented by the AAID Foundation to an individual who has contributed significantly to research in implant dentistry. This award is given every year to perpetuate Dr. Isaih Lew's spirit and enthusiasm for implant dentistry. Dr. Lew was an implant pioneer. He was a founding member of the AAID and served as president and editor of the Journal of Oral Implantology. In addition to publishing widely, he taught at New York, Columbia, Temple and Fairleigh-Dickinson Universities, and the New Jersey College of Dentistry. He lectured to dental societies in the United States and around the world and produced a national television program on implants. Isaih Lew was born in Poland in 1915. After immigrating to the United States, he graduated from the University of Pennsylvania Dental School and then spent a lifetime conducting surgical and prosthetic clinical implant research. Dr. Lew was committed to the "where, why and how" of implantology. He left a legacy as a learned practitioner and researcher

**2019 Recipient:
Rosemary Dziak,
PhD, of Buffalo,
NY**



Dr. Dziak received her PhD from the University of Rochester in 1974 with her dissertation that presented original studies on isolation of osteoblastic cells and regulation of calcium transport in these cells. Her postdoctoral work in the Department of Pharmacology at Northwestern University Medical School extended these studies to investigate the role of calcium in the mechanism of action of parathyroid hormone and made contributions to the role of calcium as a second messenger in action of regulatory events in bone cell regulation.

Together with graduate students and colleagues at the University of Buffalo she fabricated a novel nano-sized form of calcium sulfate that appears to offer many advantages as a synthetic bone grafting material useful for a variety of craniofacial procedures such as implant placement in which bone regeneration is needed. In addition to her ongoing work further characterizing the functionality of nano-calcium sulfate, Dr. Dziak has initiated studies on the effects of strontium on human periodontal gingival cells and its potential role in the prevention and treatment of peri-implantitis.

International Dentist of the Year Award

The International Dentist of the Year Award is given to an AAID member who has demonstrated a significant contribution to the AAID by way of scholarly activities and growth in membership internationally. The criteria include success in engaging AAID international members actively through meetings, conferences, and promoting the mission and goals of the AAID internationally.

**2019 Recipient:
Dr. Ninette
Banday of United
Arab Emirates**



Dr. Banday graduated from Liaquat Medical & Dental College in Pakistan in 1981 and received her Master's in Public Health in 1982 from Harvard School of Public Health. She had postdoctoral training from Harvard School of Dental Medicine followed by the general practice residency at the Brigham & Women's Hospital, Boston, MA, with active clinical involvement including research contributed to her sound knowledge and tools that have led to her achievements throughout her career. She has extensive experience in establishing the dental services at the Aga Khan University Hospital, in Pakistan, a tertiary and referral hospital, from ground level with clinical involvement. Worked closely with the maxillofacial surgeons, ENT, and Plastic Surgeons for patients requiring prosthetic oral rehabilitation. As well, she was the head of dental services and led the expansion of dental services for the Ambulatory Healthcare Services in collaboration with SEHA in Abu Dhabi until 2016. Since 2005, she was a pioneer to establish CME activities in Dentistry at the Health Authority Abu Dhabi and was responsible for organizing and facilitating the UAE MaxiCourse in Abu Dhabi as the co-director of the program along with Dr. Shankar Iyer.

Paul Johnson Service Award

The Paul Johnson Service Award recognizes outstanding service to the AAID as exemplified by the late Dr. Paul Johnson. It is intended to acknowledge the work of AAID volunteers who have gone "over and above" and highlight that much of the success of AAID is due to the hard work of committed volunteers. The Board of Trustees delegated to AAID staff the

responsibility to choose the recipient. Any AAID member (with the exception of national officers) who volunteer for any AAID committee, task force, district, or meeting is eligible to be considered for the award. The criteria established for the Paul Johnson Service Award suggests that the recipient:

- Consistently participated at the committee and district level with thoughtful contributions
- Prepared for meetings by reviewing materials, participated in discussions Could be counted on to follow through on any and all assignments
- Consistently went “over and above” on volunteer activities or projects
- Set an example for the rest of the volunteers

2019 Recipient:
Linda Weinfeld,
DDS, FAAID,
DABO/ID, of Oak
Lawn, IL



Dr. Weinfeld of Oak Lawn, IL, has accomplished many firsts. She is the first female periodontist in the AAID; the first female periodontist in the AAID to be an AAID Awards and Credentials Examiner; the first female periodontist president of the Central District; the first female periodontist to be an AAID Honored Fellow; the first female and first periodontist, as well as the youngest to earn ABOI/ID Diplomate and pass the exam the first year it was offered; the first female, first periodontist, and youngest ABOI/ID president. Dr. Weinfeld is the president of Illumident, Inc., where she is periodontist and implant dentist. She has served as the Board Director of the American Board of Oral Implantology/Implant Dentistry, where she was the youngest female to be certified. She also served on the AAID Fellow Committee, was chair of the Lew Award Committee, and currently serves on the AAID Finance Committee.

Congratulations to the 2019 ePoster and Table Clinic Winners

The American Academy of Implant Dentistry (AAID) announces the winners of the ePoster and table clinic competitions held at the recently concluded AAID 68th Annual Conference in Las Vegas.

The 69th Annual Conference, which will be held November 11 to 14, in Atlanta, will again include ePosters and Table Clinics. Online access to submit entries will be available in May 2020 at aaid.com.

ePosters Winners

First place

Kenzo Shiozaki
Accuracy of 3D Printed Models Created by Two Technologies of Printers With Different Designs of Model Base

Second place

Spandana Sirpada
Radiographic Evaluation of Anatomical Variations of the Mandibular Foramina in Indians

Third place

Emil Svoboda
Comparing the Efficacy of Preventing Submarginal Cement: Chamfer Margin System Versus the Reverse Margin System

Table Clinic Winners

First Place

Robert Stanley
The Five Thread Rule—A New Guideline for Predicting Primary Stability With Dental Implants

Second Place

Emil Svoboda
Safer Intra-Oral Cementation: Controlling Excess Cement While Avoiding Risky Cement Voids Under Prosthetics

Third Place (Tie)

Hung-Chi Liao
The Effect of Clinical Experience on the Accuracy of Implant Placement When Using the X-Guide System Compared With Tooth-Mucosa Supported Surgical Guides

Third Place (Tie)

Dae-Yeob Kim
Staged? Or Simultaneously? A Comparison of Two Cases With Different Approaches for Implantation on Narrow Ridge With Insufficient Keratinized Mucosa

Congratulations to the 2019 AAID Fellows



Bader Albader, DDS
Loma Linda, CA



Mohamad Albik, DDS
El Dorado Hills, CA



Fadi Alhrashi, DDS
Herndon, VA



Jeffrey Allred, DDS
San Marcos, CA



German Arzate, DDS
Cancun, Mexico



Bhavesh Bhakta, DDS
Austin, TX



Steven Brock, DDS
Knoxville, TN



Vincent Cavaretta III,
DDS
Austin, TX



Andrea Company, DDS
Canton, OH



R. Vance Costello, DDS
Monroe, LA



Russell Fitton III, DDS
Barrington, IL



Eric George, DMD
Coventry, RI



Amir Guorgui, DMD
Woodbridge, ON,
Canada



Pablo Guzman-Trujillo,
DDS, MSC
Cochabamba, Bolivia



Gregg Hendrickson,
DDS
Henderson, NV



J. Eric Hopkins, DDS
Shawnee, OK



Wally Hui, DDS
Rosemead, CA



Cory Nguyen, DDS
Dallas, TX



John Perna, DDS
Oak Park, IL



Craig Schlie, DDS
Redding, CA



Rola Shadid, BChD,
BDS, MSC
Tulkarm Jenin, Palestine



Trevor Shew, DMD
Vancouver, BC, Canada



Mario Silvestri, DDS
Vestal, NY



Larysa Smith, DDS
Boca Raton, FL



Robert Stanley II, DDS,
MS
Cary, NC



Gurinder Wadhwa, DDS
New York, NY



Peter Zahedi, DMD
San Rafael, CA



Mahmood Zaitr, DDS
Clifton, NJ

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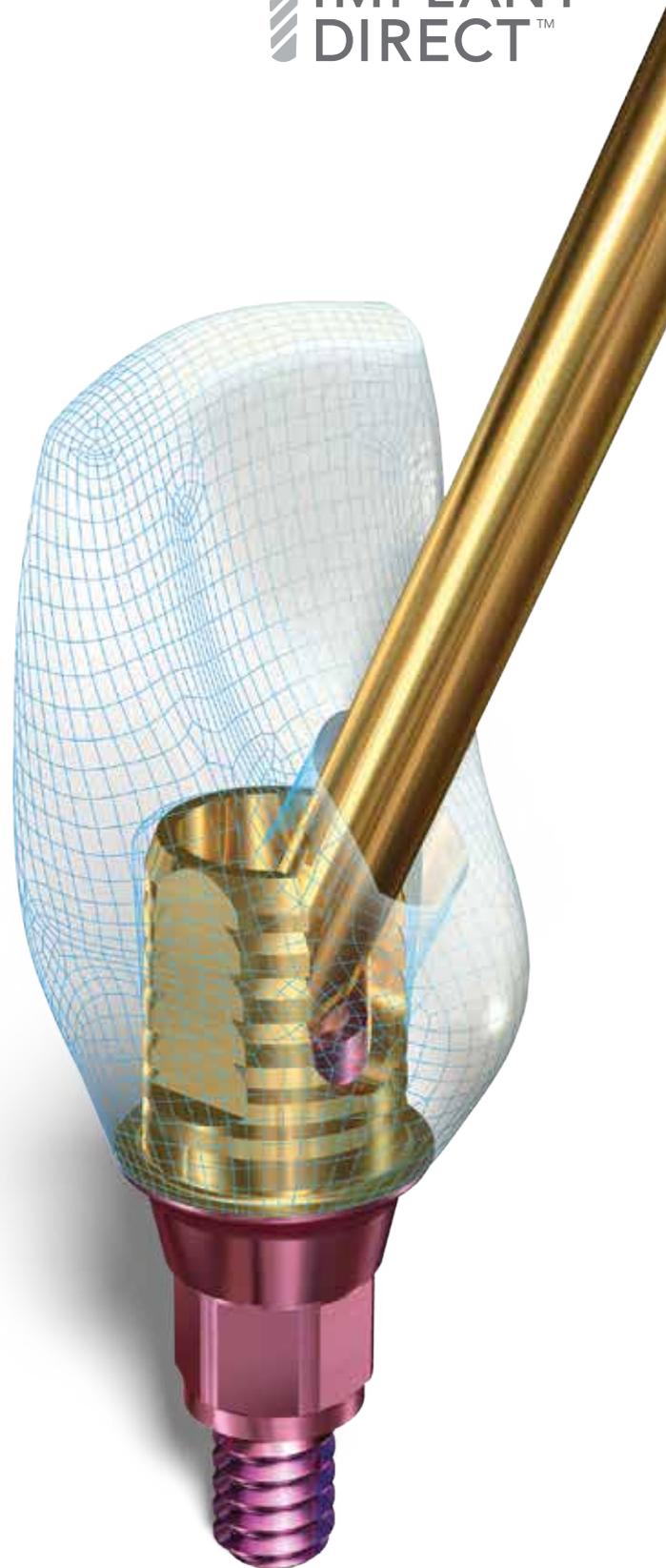
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Congratulations to the 2019 AAID Associate Fellows



Suyeol Bae, DDS, DMS
Yongin-si, South Korea



Priyanka Bansal, BDS, MDS
Pune, Maharashtra, India



Chris Barrett, DDS
Scottsdale, AZ



Swati Bharadwaj, BDS, MDS
Pune, Maharashtra India



Fadi Bitar, DDS
Yucaipa, CA



Ahmed Boraey, DMD
Alexandria, VA



Craig Brawner, DMD
Georgetown, TX



Andy Burton, DMD
Husum, WA



Aldwin Chan, DMD
Calgary, AB, Canada



Minho Choi, DDS, MSD, PhD
Daejeon, South Korea



Grace Chung, DDS
Henderson, NV



Gregory Clepper, DMD
Evans, GA



David Coffin, DDS
Edmonton, AB, Canada



Christina Dhillon, DDS
Etobicoke, ON, Canada



Michael D'Hondt, DDS
La Crosse, WI



Narayana Donapati, BDS, MDS
Andhra Pradesh, India



Bryan Euzent, DDS
Tualatin, OR



Daniel Fenton, DMD
Fort Lauderdale, FL



Mauricio Fonrodona, DDS
Valencia, CA



Anthony Gacita, DMD
Voorhees, NJ



Jeff Geno, DDS
League City, TX





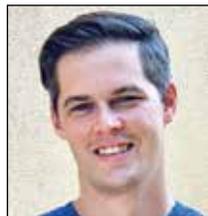
Philip Gordon, DDS
Parkville, KS



Shivani Gupta, BDS,
DDS
San Carlos, CA



Joseph Gurecka, DMD
McMurray, PA



Kyle Hale, DDS, MPH
League City, TX



Jay Haraphongse, DMD
Edmonton, AB Canada



Rachana Hegde, MS
South Jordan, UT



Jeni Heselbarth, DDS
Granger, IN



Hisato Hotta, DDS
Aichi-ken, Japan



Christopher Jen Kin,
DDS
Burlingame, CA



Michael Jumes, DDS
Whitefish Bay, WI



Lama Kanaan, DMD
Amman, Jordan



Christopher Keldsen,
DMD
Bend, OR



Koushyar Keyhan, DDS
Saratoga, CA



Min Jung Kim, DDS
Gwangju, South Korea



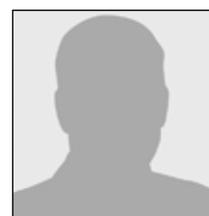
Akshaya Kulkarni, MDS
Abu Dhabi,
United Arab Emirates



Eun Hyung Kwon, DDS,
MS, Gyeonggi-do,
South Korea



Anson Kwong, DDS
Dublin, CA



Kwangwon Lee, DDS
Seoul, South Korea



Steven Little, DMD
Portland, OR



Daijiro Matsuba, DDS
Osaka, Japan



Yangho Myung, DDS,
MS
Sejong-Si, South Korea

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2019 AAID Associate Fellows

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Senan Najjar, DDS
Bellingham, WA



Fahimay Naqvi, DDS
MDS
Toronto, ON, Canada



Aaron Norman, DDS
Redding, CA



Viray Patel, DDS
Phoenix, AZ



Elzbieta Paul, DDS
Hillsborough, NJ



Michael Pruett, DMD
Augusta, GA



Mina Saif, DMD
Chatham, NJ



Mark Scamardella, DDS
Staten Island, NY



Andrew Scott, DDS
Green Bay, WI



John Shelton, DMD
Metropolis, IL



Kyungmok Sim, DDS
Busan, South Korea



Vikram Singh, DDS
Silverdale, WA



Chad Slocum, DDS
Edmonds, WA



Spandana Sripada, BDS
MDS
Pune, Maharashtra, India



Rajesh Swamidass, DDS
Corona, CA



Lalit Thanki, DDS
Lafayette, LA



Charles Town, DDS
Woodway, TX



Ami Vasani, DMD
Westfield, NJ



Minaal Verma, DDS
MDS
St. Louis, MO



Jacob Wallach, DDS
River Vale, NJ



Derek Wirth, DMD
Oak Harbor, WA



Congratulations to the Class of 2019 Student Dental Award Winners!

Every year, accredited dental programs refer an outstanding pre- and/or post-doctoral dental student who demonstrates great interest, academically and clinically, in implant dentistry. The award serves as recognition of students' achievements, as well as provides the opportunity for the winner to advance their skills and knowledge within the field of implant dentistry. Winners receive complimentary membership and registration to an educational meeting of their choice. Look out for these future dental implantologists!

2019 Dental Student Award Winners

Pre-Doctoral Award

Jordan Antetomaso, DMD, University of Pittsburgh
School of Dental Medicine

Luke R. Bessmer, University of Nebraska Medical Center
College of Dentistry

Navdeep Bharj, DDS, University of Alberta

Igor Borisov, Midwestern University College of Dental Medicine-Arizona

Jordan Bronstein, DMD, Medical University of South Carolina

William Callaway, DMD, Dental College of Georgia, Augusta University

Taranvir Cheema, DDS, University of California, San Francisco
School of Dentistry

Jason Diep, DMD, Western University of Health Sciences
College of Dental Medicine

Jeffrey Donatelli, DMD, Temple University Maurice H. Kornberg
School of Dentistry

Steven Elliott, University of Texas Health San Antonio School of Dentistry

Keyshla Escobar, DMD, School of Dental Medicine,
Medical Sciences Campus, University of Puerto Rico

Joseph Finelli, DDS, West Virginia University School of Dentistry

Amy Full, DDS, University of Minnesota School of Dentistry

Marti J. Gabriella, Boston University Henry M. Goldman
School of Dental Medicine

Autumn Gray, DDS, Marquette University School of Dentistry

Joseph Gulko, DDS, Columbia University College of Dental Medicine

William Handt, DDS, Indiana University School of Dentistry

Christopher Havlik, DMD, Southern Illinois University
School of Dental Medicine

Hui Huang, Harvard School of Dental Medicine

Charles Huffman, University of Mississippi School of Dentistry

Solange Johnson, DDS, Meharry Medical College, School of Dentistry

Naru Kang, DDS, New York University Dentistry

Malik Muhammad Zeeshan Khan, DDS, University of the Pacific,
Arthur A. Dugoni School of Dentistry

Wanjin Kim, DMD, University of Connecticut School of Dental Medicine

Helen Kim, University of Illinois at Chicago College of Dentistry

Justin James Kirkwood, DMD, University of Pennsylvania,
School of Dental Medicine

Jonathan Light, DMD, Case Western Reserve University
School of Dental Medicine

Andrew G. Lum, DMD, Tufts University School of Dental Medicine

Corinna Ma, DMD, Oregon Health & Science University

Sufian Mahmoud, DMD, Rutgers School of Dental Medicine

Audrey Mayrand, Université de Montréal - Faculté de Médecine Dentaire

Jordan Mays, University of North Carolina Chapel Hill,
Adams School of Dentistry

Devon McClurg, DMD, University of Nevada Las Vegas
School of Dental Medicine

Shaughn McCormick, Missouri School of Dentistry & Oral Health

Lance McGavin, University of Utah School of Dentistry

Ariana Mendel, DDS, University at Buffalo

Austin Moon, DDS, Virginia Commonwealth University School of Dentistry

Grace Moore, The University of Iowa College of Dentistry and Dental Clinics

Jorden Mortensen, DMD, Roseman University College of Dental Medicine

Frankie Ngo, DMD, Midwestern University

Jonathan Odinsky, DDS, Stony Brook School of Dental Medicine

Frédérique Ouellet, Université Laval

Raul Perez, DMD, University of Florida

Isaac Peterson, DDS, University of Oklahoma College of Dentistry

Rodion Pinkhasov, DMD, Nova Southeastern University,
College of Dental Medicine

Brian Poore, University of Tennessee Health Science Center

Daniel Richmond, DMD Degree, McGill University

Lindsey Roberts, DMD, UAB School of Dentistry

Stephen Siew, DDS, University of Washington

Amy Stephenson, DDS, The University of Texas
School of Dentistry in Houston

Alexandra Steury, DMD, University of Kentucky College of Dentistry

Samantha Thomas, DDS, University of Missouri-Kansas City

James Wen Tian Yan, DDS, Texas A&M College of Dentistry

Jeffrey Toler, Louisiana State University Health New Orleans
School of Dentistry

Megan Utter, DDS, University of Michigan School of Dentistry

Scott Welling, DDS, The Ohio State University College of Dentistry

Jenna Windell, DMD, University of Louisville School of Dentistry

Jason Wong, DMD, College of Dentistry, University of Saskatchewan

Alexander Yaloo, DMD, Arizona School of Dentistry & Oral Health

Post-Doctoral

Benjamin Hostetter, DDS, Creighton University School of Dentistry

Charles Pham, Harvard School of Dental Medicine

Devin Rourke, DDS, University of Colorado School of Dental Medicine

AAID Foundation Awards Student Research Grants

The AAID Foundation announced the recipients of the David Steflik Memorial Research Grant Competition. The annual competition is open to dental students and those in post-graduate and residency programs. Each of the winners will receive \$2,500 to further his or her research. Congratulations to the following winners:

**Dr. Kelvin Afrashtehfar,
University of British**

Columbia Experiences and Perceptions of Patients with a Single-Tooth Implant Crown in the Esthetic Zone: A Qualitative Study Protocol

**Dr. Nathan Estrin,
Stony Brook University**

Outcomes of Metal-Ceramic Versus Metal-Acrylic Resin Implant-Supported Fixed Complete Dental Prostheses: Systematic Review and Meta-analysis of Biological Complications and Patient-Centered Outcomes

**Dr. Shiri Iskander,
McGill University**

Risk Factors Associated With the Development of Post-Implant Neuropathy Following Dental Implant Procedures

**Mr. Junaid Rajani,
Stony Brook University of
Dental Medicine**

Osteogenic Potential of Gingival Mesenchymal Stem Cells Over Failed Implants

**Dr. Francesco Sebastiani,
University of Texas,
Health Science Center at San Antonio**

Accuracy of Dynamic Navigation for Dental Implant Placement-Cadaver Model Evaluation

**Mr. Jun-Soo Shin,
University of Illinois at Chicago
College of Dentistry**

Peri-Implant Microbiome Characterization of Cement vs Screw Retained Prosthesis: Randomized Control Trial

**Dr. Paul Sung,
UIC College of Dentistry**

Novel Nano-TiO₂ Coating on Implant Abutment Surface with Atomic Layer Deposition

**Dr. David Szalay,
UT Health San Antonio**

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2019 New ABOI/ID Diplomates



Daniel F. Abell, DMD



Sam Akhrass, DDS



Yazeed A. Alqarni, DDS



Tarek Assi, DMD



Alfons Bucaj, DMD



Frank A. Caputo, DDS



Joey Ting-Yueh Chen,
DDS



Ravi V. Doctor, DDS



Nathan S. Doyel, DMD



David W. Epstein, DDS



Luis J. Fornaris, DMD



Allen A. Ghorashi, DDS



Michael J. Gillis, DDS



Kamran Haghighat,
BDS, MS



Mohamed Monier Hindy,
DDS, MS



Sarah Jockin, DDS



Mohamad Koutrach,
DDS



Andrew Monteith
MacConnell, DDS



Joshua Muir, DDS



Pierre Obeid, DDS,



Peter L. Ricciardi, DDS



Edward Ruvins, DDS,
MS



Rami Salloum, DDS



Maungnaung Thaw, BDS



Tye Alan Thompson,
DDS



Janice J. Wang, DDS



Christopher K. Ward,
DDS



Tamir Wardany, DDS



newmembers

The AAID is pleased to welcome the following new members who joined between September 10, 2019, and December 31, 2019. The list is organized by state, with the new member's city included. International members are listed by country, province (if applicable), and city. (If you joined the AAID recently and your name does not appear below, it will be listed in the next issue of AAID News.

Alaska

Benjamin Pinney, Juneau
Clay Van Leeuwen, Fairbanks
Keith Parks, Anchorage

Alabama

Jennifer Ahn, Montgomery

Arkansas

Hunter Thomas Bull, Shoals

Arizona

Han Choi, Mesa
Joshua Nagao, Tucson

California

Sushma Balakrishna, San Ramon
Huang Cheng, Cupertino
Javier Lopez, Redwood City
Mircea Mitu, Danville
Guy Nazareno, Fremont
Shikha Puri, Redwood City
Marina Rozhavsky, Redwood City
Ana Santos, Union City
Margaret Scopazzi, Menlo Park
Alvin Tan, Milpitas
Angela Hsu, San Jose
Aman Bhullar, San Jose
John Han, Redlands
Andy Le, San Leandro
Ehsan Eslami, Anaheim
Thuy Le, Brea
Guilherme Castellano Argenta, Los Angeles
Jing Ye, San Francisco

Colorado

Joshua Eastham, Montrose
Steven Enea, Colorado Springs

Connecticut

Wanjin Kim, Simsbury
Jatinder Sharma, Manchester
Prashant Sinha, Glastonbury

Florida

Daniel Delrose, Ellenton
David Akkara, Orlando
Miguel Bernal, Pensacola
Carter Perkins, Dunnellon

Georgia

Melina Gable, Braselton
Heavenly Kimes, Conyers
Paul Gawrych, Augusta
Marc Plaisance, Augusta
Daniel Van Galder, Marietta

Hawaii

Stephen Ho, Honolulu

Idaho

John Peterson, Meridian
Ryan Smith, Rexburg
Christian Bennion, Meridian
Eric Goettsche, Meridian

Illinois

Lauren Wilson O'Fallon

Kansas

William Keith, Mission

Kentucky

Tara Ryle, Williamstown

Massachusetts

Neeraja Narayanan, Ashburnham
Jieun Cha, Cambridge
Jayesh Patel, Westborough
Francesca Tesone, Boston
Monaf Alyassi, Natick
Michel Darmerji, Worcester
Osama Duyaji, Attleboro
Maged El-Malecki, Arlington
Sheina Jean Marie, Milton
Moiz Khan, Lowell

Maryland

Bahru Nure, Clinton
James Chung, Upper Marlboro
Enrico Ross, Glen Burnie

Maine

Tracy Glinko, Fairfield

Michigan

Alexander Yaladoo, Berkley
Matthew Thomas, Ortonville

Missouri

Samantha Thomas, Carl Junction
Rachel Brunner, Kansas City

Mississippi

Russell Parker, Ocean Springs
Yuanyuan Duan, Jackson

North Carolina

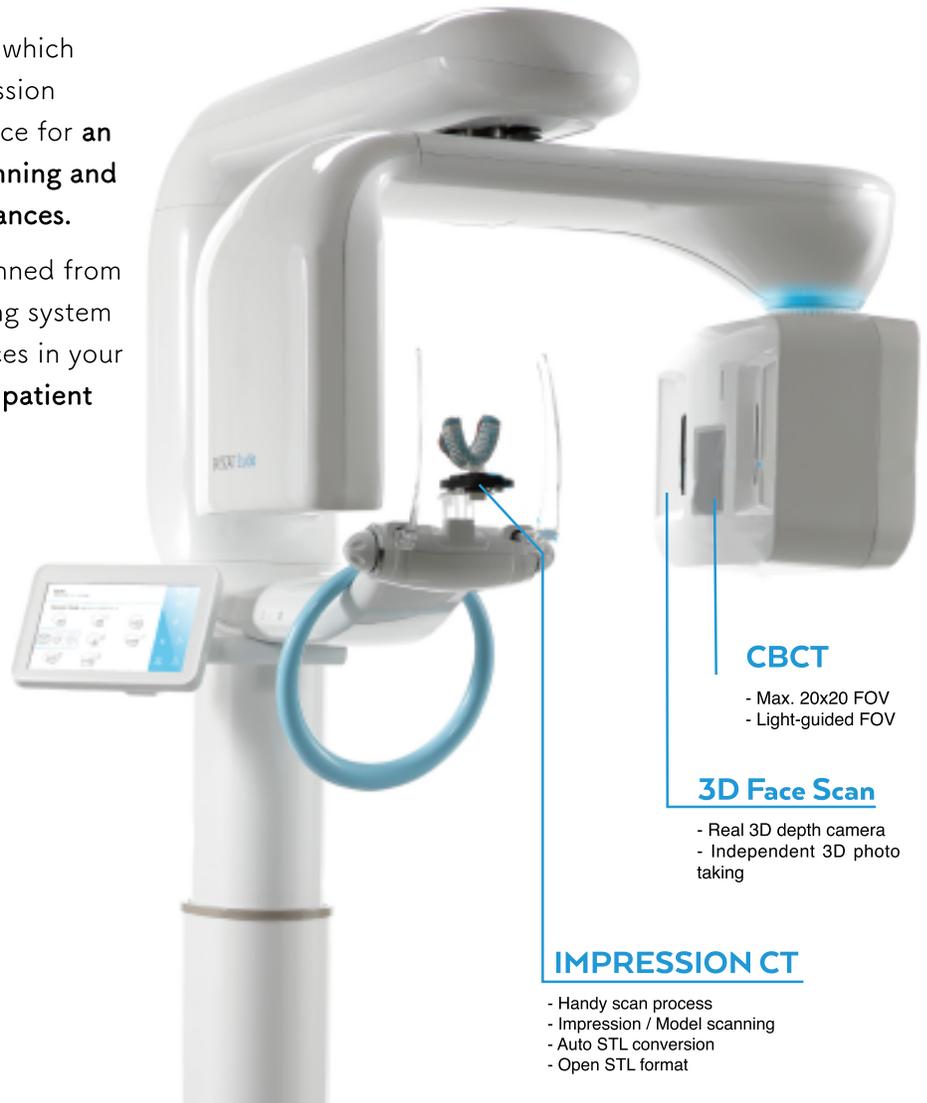
Jay Patel, Fayetteville
Jeremiah Davis, Fayetteville
Lance Hutchens, Wilmington

continued on page 48

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- Light-guided FOV

3D Face Scan

- Real 3D depth camera
- Independent 3D photo taking

IMPRESSION CT

- Handy scan process
- Impression / Model scanning
- Auto STL conversion
- Open STL format

IMPRESSION CT



- Handy scan process
- Impression/Model scanning
- Auto STL conversion
- Open STL format

3D Face Scan



- Real 3D depth camera
- Independent 3D photo taking

3D CBCT



- Max. 20x20 FOV
- Light-guided FOV
- Jaw, Facial, Endo, TMJ, Sinus, Airway

2019 AAID New Members

continued from page 46

New Hampshire

Jim De Leo, Bedford

New Jersey

Jay Ahn West, Long
Fernando Tordoya, North Haledon
Vikas Luthra, Hoboken
Radia Elidrissi- Zouak, Englewood

Nevada

Randall Garcia, Las Vegas
Christian Peralta, Reno
Cyril Canga, Las Vegas
Cher Chang, Las Vegas
Ernesto Barbosa, Las Vegas
Rana Faraneh, Henderson
Nipun Mahajan, Las Vegas

New York

Ariana Mendel, Grand Island
Yasmin Chebbi, Staten Island
Shruti Mantravadi, White Plains
Mark Tardugno, Rome

Ohio

David Schlueter, Cincinnati
Tyler Anderson, Lewis Center
Steven Vorholt, Westerville
Milad Karamlou, Columbus

Pennsylvania

Joseph Mulligan, Philadelphia
Stephanie Graham, Philadelphia
Manahar Lalchandani, Easton

South Carolina

Tyler Alderman, North Charleston
Jordan Bronstein, Columbia
Bryan Game, Johns Island

Tennessee

Avinav Batra, Nashville

Texas

Tuan Chau, Addison
Afsaneh Rad, Austin
Nghii Tran, Garland
Matthew Tong, Kingwood
Suzanne George, Houston
Arturo Garcia, Austin
Parva Patel, Irving
Michael Courter, Midland
Ernest DePaoli, Frisco

Utah

Alex Allsbrook, Lehi
John Armstrong, Highland
Bryce Church, Draper

Jennifer Crespo-Gonzalez, Salt Lake City
Jacob Dawson, Riverton
David Densley, Sandy
Joshua Hardin, Lehi
Austin Hartford, Salt Lake City
Paul Hoefl, South Jordan
John Kwant, Bountiful
James Nnah, Eagle Mountain
Daniel Rodriguez, South Jordan
Leidy Santos-Padilla, South Jordan

Virginia

Yaser Nasif, Glen Allen
Muazzam Farooq, Woodbridge

Vermont

Jodeci Malixi, Newport

Washington

William Lesh, Longview
Lucas Kim, Seattle
Matt Mellor, Colfax
Zach Usa, Seattle
Emily Yepez, Puyallip

Wisconsin

Kate Plagens, Mondori
Feras Alkhader, Tomah
Jose Sierra, Brookfield

Wyoming

Zachary Christopherson, Cheyenne

Guam

Jason Hartup, Dededo

CANADA

Barbara Kostyk

Alberta

Amir Nazemi, Grande Prairie

British Columbia

Pouneh Hanjani, North Vancouver
Mona Shoman, Richmond
Min Cho Williams, Lake
Ming Ho, Richmond
Roger Kiang, Sparwood
Soroush Liaghat, Maple Ridge
Yadwinder Sarao, Surrey
Jimmy Han Tian, Burnaby
Elsie Wang, Richmond

Ontario

Daniel Richmond, London
Jason Wong, London
Scott Connors Toronto

Quebec

Maria Byar, Montreal

INTERNATIONAL

Australia

Justin Ka Ho, Sydney

Bahrain

Hasan Husain, Manama
Husain Ali, Manama

China

Daoshui Chen, Ningbo City
Wenjuan Du, Guiyang
Ming Feng, Suzhou City
Hongfei Guo, Shanghai
Jiming Guo, Daye City
Jia Jun Hu, Hangzhou
Jing Huang, Urumqi
Xuguang Huang, Wuxi City
Haibo Lu, Shanghai
Hai Feng Meng, Hangzhou
Kaibin Ouyang, Jiujiang City
Mengzhen Qiu, Shanghai
Duoying Wang, Wuhan City
Liang Wang, Shanghai
Pengting Wang, Lanzhou City
Xin Wang, Zhanjiang
Jixin Xie, Anshun City
Yanfeng Xie, Quanzhou City,
Xuebing Xu, Beijing
Jun Yang, Liaoyang City
Xianglei You, Shanghai
Lidan Yu, Wenzhou City
Zhengsheng Zeng, Chengdu City
Jun Zhang, Guiyang
Junfeng Zhang, Shanghai
Zhileng Zhao, Hangzhou City
Hong Zhou, Wuxi City
Yu Zhou, Shanghai
Ke Zhu, Xi'an

Egypt

Tarnim Abdelsalam, Ad Doqi
Yusuf Abdulnabi, Ad Doqi
Yahia Aboul-Azm, Cairo
Husain Al Moallem, Ad Doqi
Sayed Al Musawi, Cairo
Mohamad Al Naeb, Ad Doqi
Husain Alasfoor Ad, Doqi
Ali Albaqali, Cairo
Waleed Diryag, Ad Doqi
Mohamed El Sherif, Cairo
Said Elfaragy, Cairo
Ahmed Elkordy, Cairo
Hossam Hammouda, Cairo

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Renew today and start mapping out your future.

Not a member? We welcome you to be a part of the AAID family of exceptional dentists.

[AAID.COM/MEMBERSHIP](https://www.aaid.com/membership)



2019 AAID New Members

continued from page 48

Egypt

Abdulaziz Khalaf, Ad Doqi
Naser Menaizel, Ad Doqi
Haytham Metwally, Cairo
Abdulla Naser, Cairo
Ali Qamber, Cairo
Nida Radhi, Ad Doqi

Japan

Akihide Ito, Komaki
Go Tanaka, Kani

Jordan

Jumana Shaltaf, Amman

Oman

Roaa Ahmed, Seeb

Saudi Arabia

Mohammed Al Zayer, Dammam
Islam Metwally, Buriyah
Suzan Salem, Buraidah
Hussain Albannai, Dammam
Salamah Almassry, Jeddah

South Korea

SeongYoon Jeong, Wonjusi
Ho Hyung Kim, Seongnam-Si
Jeonghoon Lee, Namyangjusi
Minseo Park, Yongin-si
Hongseok Ji, Gurye-gun
JungHyun Cho, GangSeo-Gu, Busan

Trinidad and Tobago

Derek Ramcharitar, Chaguanas

Turkey

Bahattin Gultekin, Istanbul

United Arab Emirates

Amina Kristina Abdulla, Abu Dhabi
Omar Adeeb, Dubai
Mohamed Ahmed Abdel Aziz, Abu Dhabi
Anas Alhaj Ahmad, Abu Dhabi
Ahmed Alsaadi Al Ain
Mohammed Ameen, Abu Dhabi
Abeer Asadallah, Abu Dhabi
Basel Athamneh, Abu Dhabi
Shajahan Fazaludeen, Dubai
Jaffar Heida,r Abu Dhabi

Farees Karuppamveettil, Al Ain
Sam Kuriadom, Ajman
Rania Makhoul, Abu Dhabi
Ban Maree, Dubai
Ali Al Matrock, Abu Dhabi
Bilal Muhsen, Abu Dhabi
Rand Ragheed, Dubai
Hamood Rehman, Abu Dhabi
Mohammed Salih, Al Ain
Imad Spereeg, Abu Dhabi
Ahmed Zaki, Abu Dhabi
Ibrahim Abdellatif, Abu Dhabi
Ahmad Abusalim, Ras Al Khaimah
Mazin Sabah, Al Sahrawardee, Abu Dhabi
Rasha Al-Doori, Abu Dhabi
Dina Bassiouny, Abu Dhabi
Sheam Bitar, Abu Dhabi
Abdelazim Elsharkawy, Al Ain
Amir Hassan, Abu Dhabi
Fatima Ibrahim, Al Nin
Soren Kollat Jensen, Dubai
Mohammad Kashif Khot, Ajman
Salam Moakatash, Abu Dhabi
Charu Goel, Dubai



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New Student Members

It's never too early for dental students to become familiar with the practice of implant dentistry. And there is no better place for them to learn than from the leading organization of dental implant experts in the world. The AAID electronic membership, open only to dental students, has been in place for several years, and we currently have more than 1,000 student members who are entitled to online access to AAID information and resources. The following is a list of new student members who joined between September 10, 2019, to December 31, 2019.

Nathalie Abou Khalil	Ariana Etessami	Harmanpreet Kaur	Hung Nguyen	Bryan Schofield
Shaily Aghera	Ryan Fahmy	Navjot Kaur	Mia Nguyen	Jimmy Schooley
Nadia Al Doori	Juan Fajardo	Katie Keck	Vivan Nguyen	Callista Schulenburg
David Alpert	Katelyn Fleming	Patrick Keenan	Razan Nour	Monic Scotka
Cassidy Alwan	Ryan Fong	Connor Kelley	Kyle O'Connor	Slade Shepherd
Sage Amin	Sarah Forsberg	Jeff Kendall	Lindsay O'Donnell	Nirja Shrestha
Carrol Anton	Ronnie Fox	Nasrin Khajeh	Maria Oei	Michelle Singapori
Christina Aponte	Morgan Franco	Reza Khorasani	Katherine O'Friel	Rohit Singla
Brooke Appelhans	Sahil Gandotra	Sunny Kim	Sarah Ohn	Hailey Speck
Maggie Arceneaux	Rita Garabet	Diana Kim	Chandler Oldenburg	Alyssa Spilski
Mara Arnold	Maya Giannetti	Matthew Kim	Thomas O'Loughlin	Megan Stegman
Abigail Aviles	Spencer Gibbs	OG Kobierzycki	Allyson Orwig	Alex Stewart
Shirin Azadi	Ravneat Gill	Linda Kornienko	Ahmed Osman	Jennifer Stokes
Andrea Ballengee	Kalyn Gollar	Urvi Kulkarni	Philip Paik	Sydney Stone
Mark Berhsatek	Marc Gonzalez	Olga Kvitkina	Raymond Panaligan	Nida Suleman
Kalin Bhavan	David Gonzalez	Gretchen Lam	Gene Park	Jamie Sung
Scott Block	Alex Gordon	Sean Lan	Caitlin Parker	Amanda Ta
Taylor Bolland	Karun Grewal	Ruchira Laroia	Darshan Patel	Amir Taha
Precious Boston	Justin Groody	Cynthia Le	Jil Patel	Sheida Takmil
Chadwick Brady	Dimitri Haber	Joshua Lee	Monal Patel	Tanessa Talaski
Briana Brazile	Nawar Hadid	Matthew Lee	Karan Patel	Micah Tanikawa
Jordan Brunson	Jenna Hang	Linda Lee	Krupali Patel	Mary Temple-Goins
Rachel Bryant	Colleen Harris	Grant Lehmann	Punam Patel	Shreya Thakkar
Theresa Bui	Lana Hashim	David Levy	Kritika Paudel	Jessica Thomas
Julissa Burgos	Jacqueline Hassenplug	Kelsey Lewis	Chantol Peterkin	Shernel Thomas
Joshua Bussard	Blake Haver	Alfred Li	Kristina Petrich	Gladvin Thyagaraj
Jasmine Butler	Sophia Heitmiller	Cassandra Liston	Stella Petroff	Lu Tian
Portia Cao	Elizabeth Higginbotham	Kate Lovell	Tammy Pham	Matt Tokarski
Kristina Caravelli	Jacob Hino	Edith Lu	Jonathon Phen	Kristie Tran
Matthew Carbajal	Scott Hirose	Lewis Luo	Scott Philips	Amanda Tran
Christina Cardwell	Kamal Hirpara	Janice Mach	Jimmy Pho	Rebecca Trevino
Matthew Casey	Jessica Ho	Rohan Madhyani	Jonathan Pierpoline	Carly Vail Cotten
Brennan Cassidy	Sharon Housand	Macy Malcom	Natanael Poenaru	Arefeh Valaei
Sebastian Celis	Che-Yu Hsu	Krishna Mangrolia	Megan Popp	Jessica Van
Suji Cha	Kai Huang	Srishti Manocha	Aarti Prabhu	Daniela Vargas
Marvin Chen	Sara Hubbard	Brandon Marath	Rebecca Quin	Natasha Vega-Valbuena
Corbin Clark	L. Humen	Julianna Masabni	Manasa Rao	Anthoula Vlachos
Meaghan Cleary	Carson Hunt	Olivia Mason	Katie Ray	Jessica Walker
Grant Coleman	Blake Hutzler	Ben McGriffin	Christiana Redmond	Chase Wedemeier
Michele Collins	Peter Ibrahim	Kate McPherson	Taylor Rhoades	Kimberly Westerman
Savanah Craig	Mohan Jaganathan	Jessica Mehta	Morgan Rigsby	Christian Westermeier
Ashley Czechner	Aleksandra Jakobsze	Fabian Mendoza	Brittany Riley	Trent Wilkerson
Julia Daigle	Regina Javier	Lisa Ann Mickey	Dane Risinger	Jacob Wolkow
Delvin Dalson	Dana Jeter	Bianca Miguel	Mary Rodriguez	Priscilla Wong
Franklin Del Orbe	Yu Jiang	Nancy Mo	Jessica Rudman	Kristen Yant
Aditi Desai	Alisha Jimenez-Thompson	Ryan Mooneyham	Nada Saed	Flora Yen
Navitinder Dhillon	Paden John	Tess Moran	Mohit Sahni	Jessie Yuan
Kristen Drinkwater	Enrika Johnson	Parisa Moravedje Torbaty	Sapna Saini	Eman Yusuf
Joceylin Duarte	Taylor Johnson	Kaleb Murray	Jared Salas	Inessa Yusupova
Courtney Eato	Jennifer Jones	Botamena Mylad	Daphne Salazar	Carlos-Xavier Zambrano
Fadi Eli	Aileen Jong	Tatum Newbill	Kaylee Salesky	
Alyssa Emmons	Shilpa Joshi	Lisa Ngo	Anna Salibi	
Megan Erwine	Marcie Kanosky	John Nguyen	Parth Savani	
Beshoy Eskandar	Parker Kastelic	Christopher Nguyen	Rebecca Schneider	



Abu Dhabi, UAE AAID MaxiCourse®

Abu Dhabi, UAE
 Director: Shankar Iyer, DDS, MDS, FAAID, DABOI/ID
 Assistant Director: Ninette Banday, BDS, MPH
 Email: drsiyer@aol.com
 Phone: 908-527-8880
 Website: www.maxicourseasia.com

Augusta University AAID MaxiCourse®

Augusta, GA
 Director: Douglas Clepper, DMD, FAAID, DABOI/ID
 Assistant Director: Michael E. Pruett, DMD
 Contact: Lynn Thigpen
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 Phone: 706-721-1447
 Website: www.georgiamaxicourse.com

Bangalore, India AAID MaxiCourse®

Bangalore, India
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 Assistant Director: Dr. Vadivel Kumar, DDS
 Contact: Syed Khalid, DDS
 Email: drsiyer@aol.com
 Phone: 908-527-8880
 Website: www.maxicourseasia.com

Boston, MA AAID MaxiCourse®

Boston, MA
 Director: Brian Jackson, DDS, FAAID, DABOI/ID
 Assistant Director: Matthew Young, DDS, FAAID, DABOI/ID
 Contact: LeeAnn Klotz
 Email: marketing@bostonmaxicourse.com
 Phone: 315-733-1270
 Website: www.bostonmaxicourse.com

Cairo AAID MaxiCourse®

Cairo, Egypt
 Director: Kim Gowey, DDS, FAAID, DABOI/ID
 Assistant Director: Shankar Iyer, DDS, MDS, FAAID, DABOI/ID
 Contact: Dr. Aref Alnaib
 Email: aref.alnaib@gmail.com
 Phone: 2.0127616291e+11
 Website: http://maxicourse.mazeedit.com/

Houston AAID MaxiCourse®

League City, TX
 Director: Jay Elliott, DDS, FAAID, DABOI/ID
 Contact: Jackie Martinez
 Email: Jackie@texasimplanteducation.com
 Phone: 281-703-9468
 Website: www.texasimplanteducation.com

Las Vegas AAID MaxiCourse®

Las Vegas, NV
 Director: John Minichetti, DMD, FAAID, DABOI/ID
 Assistant Director: Shankar Iyer, DDS, MDS, FAAID, DABOI/ID
 Contact: Sarah Rock
 Email: sarah.inglewooddental@gmail.com
 Phone: 201-871-3555
 Website: www.dentalimplantlearningcenter.com

Nagoya, Japan MaxiCourse®

Nagoya, Japan
 Director: Yasunori Hotta, DDS, PhD, FAAID, DABOI/ID
 Assistant Directors:
 Hiroshi Murakami, DDS, PhD, FAAID
 Koji Ito, DDS, PhD, FAAID
 Komatsu Shinichi DDS, PhD, FAAID
 Takashi Saito, DDS, PhD, FAAID
 Contact: Yasunori Hotta, DDS, PhD, AFAAID
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 Phone: +81-52-794-8188
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New York AAID MaxiCourse®

Bronx, NY
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 Assistant Director: Joseph C. D'Amore, DDS, AFAAID, DABOI/ID
 Contact: Sarah Rock
 Email: sarah.inglewooddental@gmail.com
 Phone: 201-871-3555
 Website: www.dentalimplantlearningcenter.com

Nova Southeastern University College of Dental Medicine Implant AAID MaxiCourse®

Fort Lauderdale, FL
 Director: Jack Piermatti, DMD, FAAID, DABOI/ID
 Assistant Director: Thomas J. Balshi, DDS, PhD
 Contact: Linnette Dobbs-Fuller
 Email: dentalce@nova.edu
 Phone: 609-314-1649
 Website: dental.nova.edu/ce/courses/2018-2019/aaid-maxi-course.html

Roseman University AAID MaxiCourse®

South Jordan, UT
 Director: Bart Silverman, DMD, FAAID, DABOI/ID
 Assistant Director: Shankar Iyer, DDS, MDS, FAAID, DABOI/ID
 Contact: Vicki Drent
 Email: vdrent@roseman.edu
 Phone: 801-878-1257

Rutgers School of Dental Medicine AAID MaxiCourse®

Newark, NJ
 Director: Jack Piermatti, DMD, FAAID, DABOI/ID
 Assistant Director: Shankar Iyer, DDS, MDS, FAAID, DABOI/ID
 Contact: Janice Gibbs-Reed, MA
 Email: gibbs@sdm.rutgers.edu
 Phone: 973-972-6561
 Website: sdm.rutgers.edu/cde/maxi-course

San Juan, Puerto Rico AAID MaxiCourse®

San Juan, PR
 Director: O. Hilt Tatum, DDS, FAAID DABOI/ID
 Assistant Director: Jose Pedroza, DMD, MSC
 Contact: Miriam Montes
 Email: prmaxicourse@gmail.com
 Phone: 787-642-2708
 Website: www.theadii.com

Shanghai, China AAID MaxiCourse®

Shanghai, China
 Director: Jaime Lozada, DMD, FAAID, DABOI/ID
 Contact: Joey Chen, DDS, MS, AFAAID
 Email: anshindental@gmail.com
 Phone: 886-988272033
 Website: http://weixin.meiweigroupp.com/zt/tuopu

Vancouver AAID MaxiCourse®

Vancouver, BC
 Director: William Liang, DMD, FAAID, DABOI/ID
 Contact: Andrew Gillies
 Email: andrew@implant.ca
 Phone: 604-330-9933
 Website: www.vancouvermaxicourse.com

Waterloo, Ontario AAID Maxicourse®

Waterloo, Ontario
 Director: Rod Stewart, DDS, FAAID, DABOI/ID
 Assistant Director: George Arvanitis, DDS, FAAID, DABOI/ID
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1. Intra-lock.com/scientific-literature.html. IntraSpin[®] and L-PRF[®] are trademarks of Intra-Lock[®] International Inc. 2. David M. Dohan Ehrenfest, Nelson R. Pinto, Andrea Pereda, Paula Jiménez, Marco Del Corso, Byung-Soo Kang, Mauricio Nally, Nicole Lanata, Hom-Lay Wang & Marc Quiryren (2017): The impact of the centrifuge characteristics and centrifugation protocols on the cells, growth factors, and fibrin architecture of a leukocyte- and platelet-rich fibrin (L-PRF) dot and membrane, Platelets, DOI: 10.1080/09537104.2017.1293812 SPMP18276 REV C FEB 2019

AAID Active Study Clubs*

United States

AAID Bergen County Dental Implant Study Group

Location: Englewood, NJ
 Director: John Minichetti, DMD
 Contact: Lisa McCabe
 Phone: 201-926-0619
 Email: lisapmccabe@gmail.com
 Website: <https://bit.ly/2rwf9hc>

Acadiana Southern Society

Location: Lafayette, LA
 Director: Danny Domingue, DDS
 Phone: 337-243-0114
 Email: danny@jeronemsmithdds.com
 Website: www.acadianasouthern society.com/upcoming-meetings.html

Alabama Implant Study Club

Location: Brentwood, TN
 President: Michael Dagostino, DDS
 Contact: Sonia Smithson, DDS
 Phone: (615) 337-0008
 Email: aisdgadmin@comcast.net
 Website: www.alabamaimplant.org

Bay Area Implant Synergy Study Group

Location: San Francisco, CA
 Director: Matthew Young, DDS
 Phone: 415-392-8611
 Email: young.mattds@gmail.com
 Website: <http://youngdentalsf.com>

Calderon Institute Study Club

Location: Queens, NY /Oceanside, NY
 Director: Mike E. Calderón, DDS
 Contact: Andrianna Acosta
 Phone: 631-328-5050
 Email: calderoninstitute@gmail.com
 Website: www.calderoninstitute.com

CNY Implant Study Club

Location: 2534 Genesee street. Utica, NY
 Director: Brian J Jackson, DDS
 Contact: Tatyana Lyubezhanina,
 Judy Hathaway
 Phone: (315) 724-5141
 Email: bjjddsimplant@aol.com
 Website: www.brianjjacksondds.com

Hawaii Dental Implant Study Club

Location: Honolulu, HI
 Director: Michael Nishime, DDS
 Contact: Kendra Wong
 Phone: 808-732-0291
 Email: mnishimedds@gmail.com
 Website: www.honoluludentaloffice.com

Hughes Dental Implant Institute and Study Club

Location: Sterling, VA
 Director: Richard E. Hughes, DDS
 Contact: Victoria Artola
 Phone: 703-444-1152
 Email: dentalimplant201@gmail.com
 Website: <http://www.erhughesdds.com/>

Implant Study Club of North Carolina

Location: Clemmons, NC
 Director: Andrew Kelly, DDS
 Contact: Shirley Kelly
 Phone: 336-414-3910
 Email: shirley@dentalofficesolutions.com
 Website: www.dentalofficesolutions.com

Mid-Florida Implant Study Group

Location: Orlando, FL
 Director: Rajiv Patel, BDS, MDS
 Contact: Director
 Phone: 386-738-2006
 Email: drpatel@delandimplants.com
 Website: <http://www.delandimplants.com/>

Monmouth Dental Implants Study Group

Location: Lincroft, NJ
 Director: Richard Mercurio, DDS
 Contact: Marth Gatton
 Phone: 732-504-6913
 Email: marty@lincroftvillagedental.com
 Website: www.lincroftvillagedental.com

SMILE USA® Center for Educational Excellence Study Club

Location: Elizabeth, NJ
 Director: Shankar Iyer, DDS, MDS
 Contact: Terri Baker
 Phone: 908-527-8880
 Email: dentalimplant201@gmail.com
 Website: <http://malosmileusaelizabeta.com>

Canada

Vancouver Implant Continuum

Location: Surrey, BC, Canada
 Director: William Liang, DMD
 Contact: Andrew Gillies
 Phone: 604-330-9933
 Email: andrew@implant.ca
 Website: www.implant.ca

International

Aichi Implant Center

Location: Nagoya, Aichi-Ken, Japan
 Director: Yasunori Hotta, DDS, PhD
 Phone: 052-794-8188
 Email: hotta-dc@ff.ij4u.or.jp
 Website: www.hotta-dc.com

Beirut AAID Study Club

Location: Beirut, Lebanon
 Director: Joe Jihad Abdallah, BDS, MScD
 Phone: 961-174-7650
 Email: beirutidc@hotmail.com
 Website: <http://www.beirutidc.com>

Cyprus Implant Study Club

Location: Nicosia, Cyprus
 Director: Nicolas Papadopoulos, DDS
 Phone: +99606565
 Email: Info@nicosiadentalcenter.com
 Website: <http://www.nicosiadentalcenter.com/index.php>

Korean Dental Implant Institute

Location: Seoul, Korea
 President: Jaehyun Shim, DDS, FAAID
 Contact: Kyungim Yeom
 Phone: +82 10 2716 7249
 Email: ykimichelle@gmail.com
 Website: www.kdi-aaid.com

Courses presented by AAID credentialed members*

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 Contact: James W. Gibney, DMD, JD
 Phone: 352-686-4223
 Email: jwgibney@atlantic.net
 Website: jameswgibneydmd.com
 Surgical Mini-Residency
 John C. Minichetti, DMD
 Contact: Sarah Rock
 Phone: 201-871-3555
 Email: sarah.inglewooddental@gmail.com
 Website: dentalimplantlearningcenter.com

Three-Day Surgical and Prosthetic Comprehensive Training

John C. Minichetti, DMD
 Contact: Sarah Rock
 Phone: 201-871-3555
 Email: sarah.inglewooddental@gmail.com
 Website: dentalimplantlearningcenter.com

Three-Day Implant Placement and Bone Grafting

John C. Minichetti, DMD
 Contact: Sarah Rock
 Phone: 201-871-3555
 Email: sarah.inglewooddental@gmail.com
 Website: dentalimplantlearningcenter.com

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Courses presented by AAID credentialed members*

United States

The Bergen County Dental Implant Study Group

John C. Minichetti, DMD
 Contact: Sarah Rock
 Phone: 201-871-3555
 Email: sarah.inglewooddental@gmail.com
 Website: dentalimplantlearningcenter.com

Midwest Implant Institute

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 (411) The All Inclusive Live Surgical Course
 (601) Bone Grafting & Sinus Elevation
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 Email: samantha@mii1980.com
 Website: www.midwestimplantinstitute.com

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 Phone: 908-527-8880
 Website www.smileusacourses.com

Pikos Implant Institute

Michael A. Pikos, DDS
 Soft Tissue Grafting
 Sinus Grafting
 Alveolar Ridge Strategies: Single Tooth to Full Arch
 Fully Guided Full-Arch Immediate Implant Reconstruction
 Contact: Alison Thiede
 Phone: 727-781-0491
 Email: learn@pikosinstitute.com
 Website: www.pikosinstitute.com/programs-and-courses/coursecontinuum-overview/

Three-Day Live Implant Surgery Course

John C. Minichetti, DMD
 Contact: Sarah Rock
 Phone: 201-871-3555
 Email: sarah.inglewooddental@gmail.com
 Website: dentalimplantlearningcenter.com

University Implant Educators

Francis Jones, DDS, MBA, AFAAID
 San Diego, CA
 1-, 3-, and 4-Day Courses
 All courses are intensive surgical externships with live patient care.
 Contact: Grace Terranova
 Phone: 877-709-6623
 Email: info@universityimplanteducators.com
 Website: www.universityimplanteducators.com/implantology-courses-schedule

Canada

The D.M. Vassos Dental Implant Centre Introductory & Advanced Surgical & Prosthetic Programs

Dr. D.M. Vassos
 Mentor Program – Hands-on program over six Saturdays
 Location: Edmonton, AB, Canada
 Contact: Rosanna Frey
 Phone: 780-488-1240
 Email: rosanna@dmvassos.com
 Website: www.dmvassos.com

The BITE Club

Dr. William Liang
 For those not ready for the Vancouver AAID MaxiCourse®. Didactic study club to introduce you to the world of oral implantology
 Contact: Andrew Gillies, Education Coordinator
 Phone: 604-330-9933
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Clinical Case Example

Clinical images courtesy of German Murias DDS, ABO/ID



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