

# today




### Find the quality you're looking for

Company knows true service doesn't begin until the product reaches your doorstep.

»page 8



### Esthetics backed by science

When it comes to implants, light pink and the color of natural teeth have a lot in common.

»page 8



### Take another look at 3-D navigation

Same-day guided surgery just got an upgrade, with higher precision and shorter treatment times.

»page 10

# Take a look around

■ It's a good day here in Chicago. We all got an extra hour of sleep, and more importantly, the doors to the exhibit hall here at the AAP 105th Annual Meeting are finally open.

For the next three days, you can check out the more than 300 booths showcasing the latest periodontal products, services and technologies. But that's not all you can do.

Over at the Speaker Studio, in booth No. 1045, you can listen to and engage with invited speakers and key opinion leaders.

Are you a new practitioner or recent graduate looking for that perfect job? Stop by the AAP Career Fair to meet, network and get some leads.

Finally, express your creative side on the Chicago-themed graffiti wall at the Perio Park, booth No. 150.

The exhibit hall closes at 6:30 p.m.

(Source: AAP)



■ Dr. Istvan Urban answers questions following his session, 'Predictable Vertical Ridge Augmentation,' in the Speaker Studio during the 2018 AAP Annual Meeting. (Photo/*today* Staff file photo)

## 2019 Innovation Grant Recipients announced

### By AAP Staff

■ The American Academy of Periodontology (AAP) is pleased to announce that members Kevin M. Byrd, DDS, PhD; Maria L. Geisinger, DDS, MS; and Chun-Teh Lee, DDS, MS, DMSc, are the 2019 recipients of the SUNSTAR Innovation Grant.

Each winner will receive \$30,000 for their research projects as part

of the AAP's partnership with oral health and technology company SUNSTAR, which has committed to awarding scientific grants to AAP members whose investigations show significant potential to advance the specialty of periodontics.

Byrd's research project, "An Atlas of Experimental Gingivitis in Humans at Single Cell Resolution," aims to develop chairside tools to predict gin-

givitis to periodontitis conversion (i.e., at-risk individuals) and to develop specific adjuvant therapies for periodontitis-afflicted individuals based on the principles of precision medicine.

"Recently, there has been an exponential increase in our understanding of human diseases," Byrd said. "However, even for common oral diseases like periodontitis, we have just begun

to grasp the complexity of interactions at play."

Geisinger's research project, "Development of Multimedia Educational Materials for Caregivers to Enable Optimal Oral Hygiene Provisions for Patients with Dementia," intends to develop multimedia tools that can be used to educate professional and

■ see GRANT, page 4

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- Dentsply Oraqix Periodontal Gel (555-0626)
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**GRANT** *“from page 1”*

familial caregivers for patients with moderate to severe dementia about delivery of oral hygiene.

“Our team at the University of Alabama at Birmingham, in conjunction with our geriatric specialist nursing faculty, has developed a protocol that reduces care resistant behavior during oral hygiene delivery to dementia patients,” Geisinger said.

Lee’s research project, “Improving Periodontal Health through a Precision Periodontal Health Care Chart,” aims to effectively educate patients, monitor their risk profile for periodontitis progression and improve treatment outcomes using a Precision Periodontal Health Care Chart in the electronic health record system.

According to Lee, “The Precision Periodontal Health Care Chart will

**For more information**

For more information on the SUNSTAR Innovation Grant, contact Stephanie Heffner, scientific affairs & policy manager, at [stephanie@perio.org](mailto:stephanie@perio.org). For information about AAP and periodontology, visit [perio.org](http://perio.org).

provide patients information about the association between periodontitis and systemic diseases and a personal risk profile for periodontitis.”

As part of the Innovation Grant program, SUNSTAR has committed \$250,000 toward six research grants to select AAP members during a three-year period, which began in 2017. Members of the AAP’s Research Submissions Committee examine all abstracts against criteria established by SUNSTAR and the academy.

Bird, Geisinger and Lee are the fourth, fifth and sixth recipients of the award.

“These three projects have the potential to have a profound impact on the practice of periodontics and the quality of care received by periodontal patients,” said Richard T. Kao, DDS, PhD, president of the AAP.

Tom Raish, senior brand manager, Guidor of SUNSTAR Americas, said: “This year’s work by the SUNSTAR Innovation Grant recipients continues to provide support toward the commitment to improving oral health and prevention of periodontal disease. We at SUNSTAR are pleased to partner with the AAP in providing this platform for scientific research and, subsequently, the improvement of patient health.”

Bird, Geisinger and Lee will present their results at a future meeting.

AD



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# Navident 2 streamlines and simplifies workflow with navigation guidance

Second-generation takes away stress of stent making and doing an extra scan

By ClaroNav Staff

■ Similar to the way in which a GPS

## Here in Chicago

To learn more about the Navident and try it for yourself, stop by the ClaroNav booth, No. 1117.

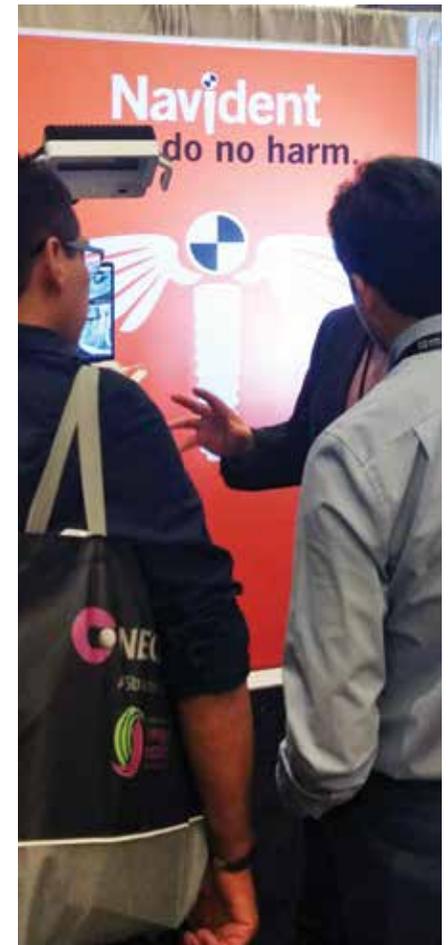
system guides a driver, Navident by ClaroNav guides clinicians by using the CBCT image as a map. It offers surgeons an easy-to-use, accurate, highly portable and affordable means

of planning restorations and implant placements, according to the company.

With Navident 2, clinicians will no longer need to do a special, extra scan. They can use the diagnostic scan already available for the patient.

The stress of stent making is also gone because a stent is no longer required.

Trace and Place (TaP) is a game-



Attendees check out the ClaroNav booth during a recent trade show. Find ClaroNav today at booth No. 1117. (Photo/Humberto Estrada, today Staff)

changing development for dynamic navigation, the company asserts. With TaP, the Navident workflow is streamlined, efficient, user-friendly and seamlessly integrated into the daily practice.

“Trace and Place is a real tipping point for dynamic navigation guidance,” said user Dr. George Mandelaris, a periodontist from Chicago. “It has streamlined and simplified the workflow in both the diagnostic and surgical phases to allow state-of-the-art technology to be an everyday component of my surgical implant practice. I cannot imagine going back!”

Implantology specialists who have used Navident 2.0 have said they have experienced negligible operator stress, improved time efficiency and an increase in patient acceptance, according to the company.

The accuracy offered by the new version, combined with the need for minimal tissue manipulation, is conducive to a shorter and better recovery process for patients, the company asserts.

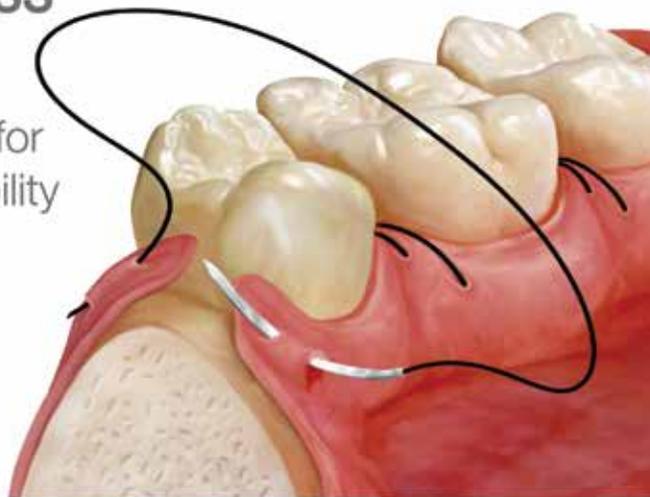
Clinicians are invited to learn about Navident at booth No. 1117.

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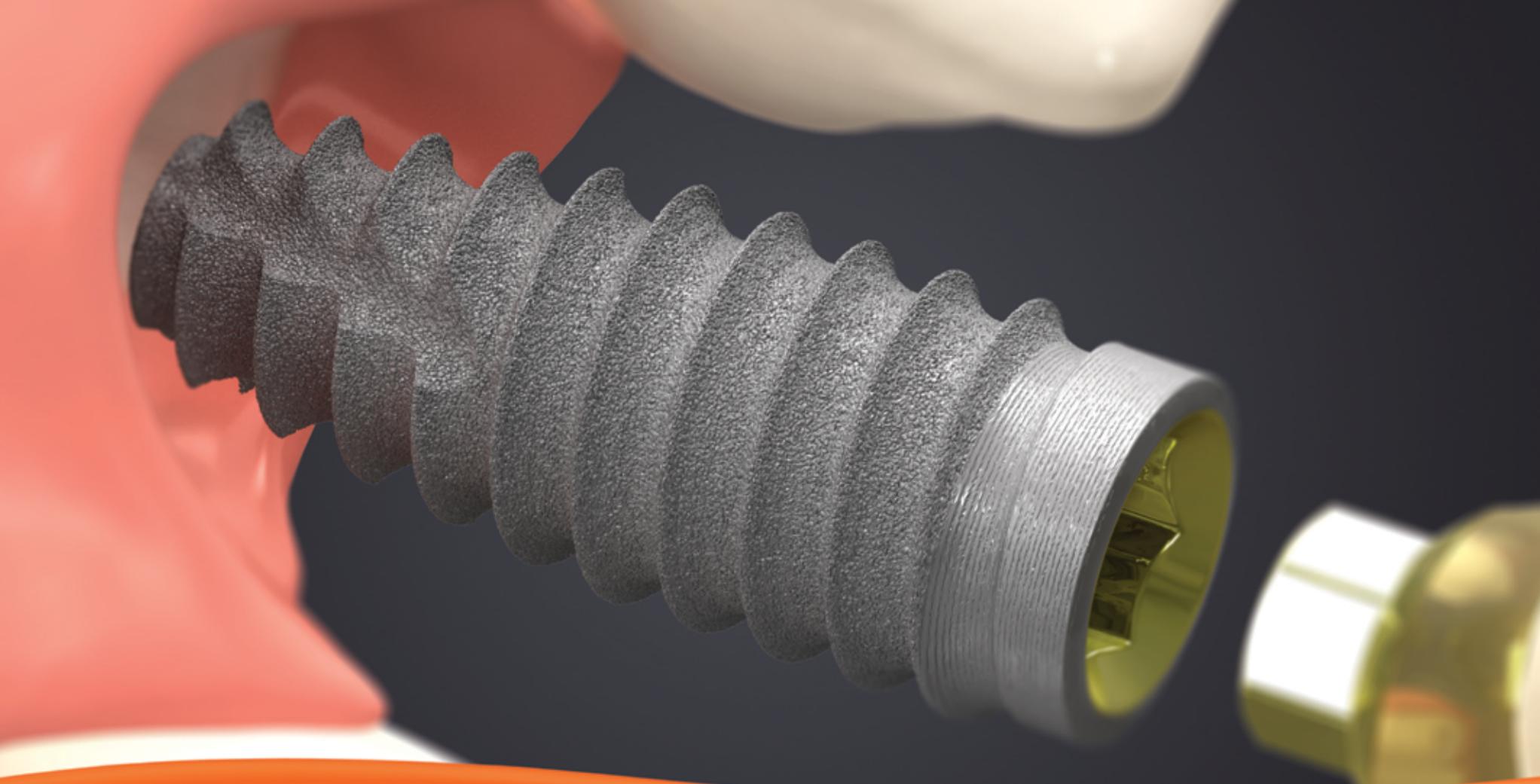
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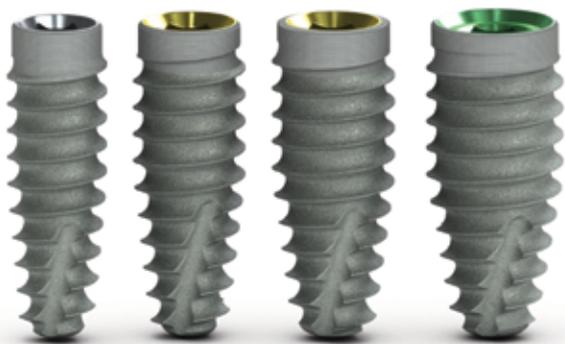
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# Esthetics backed by science

By Keystone Dental Staff

■ When it comes to immediate placement and long-term esthetics, look no farther than Genesis – The Biomimetic Implant System™.

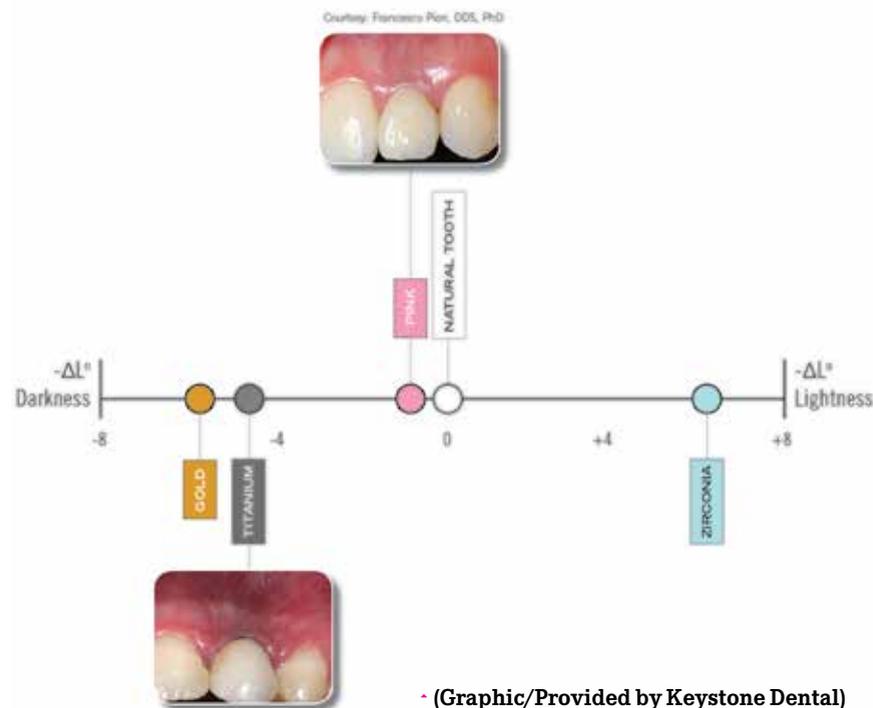
Being offered here at the AAID, the product offers a dual thread design for immediate placement in an extraction socket while its Anatite™ pink surface provides a natural hue through the peri-implant mucosa.

Micro threads minimize pressure on the cortical bone while aggressive macro threads offer primary mechanical stability, especially in soft bone – providing optimal insertion torque and immediate function in all bone types, according to the company.

The BioSpark™ proprietary anodic spark deposition (ASD) process produces a charged macro-micro-nano textured surface that mimics the chemical composition and structure of natural bone.

The dark gray shadow of traditional titanium implants is no longer a concern with an AnaTite pink surface, featuring a natural, uniformly pink hue that closely resembles the peri-implant mucosa.

According to an independent study conducted through the Harvard School of Dental Medicine, light pink produces colors of peri-implant



mucosa with the hue, purity and lightness most similar to that of a natural tooth'.

To learn more about Genesis, check out the following resources:

1. Le Guehennec L, Soueidan A, Layrolle P, Amouriq Y. Surface treatments of tita-

nium dental implants for rapid osseointegration. *Dental Materials*. 23;2007:844-854.

2. Sandrini E, Giordano C, Busini V, Signorelli E, Cigada A. Apatite formation and cellular response of a novel bioactive Titanium. *Journal of Materials Science: Materials in Medicine* 18;2007:1225-1237.
3. Giordano C, Sandrini E, Del Curto B, Signorelli E, Rondelli G, Di Silvio L. Tita-

## Here in Chicago

To see the Genesis and learn more about it, stop by the Keystone Dental booth, No. 729.

nium for osteointegration: Comparison between a novel biomimetic treatment and commercially exploited surfaces. *Journal of Applied Biomaterials & Biomechanics* 2004;2:35-44.

4. Sandrini E, Morris C, Chiesa R, Cigada A, Santin M. In vitro assessment of the osteointegrative potential of a novel multiphase anodic spark deposition coating for orthopedic and dental implants. *J Biomed Mater Res Part B: Appl Biomater*. 73B;2005:392-399.
5. Giavaresi G, Chiesa R, Fini M, Sandrini E. Effect of a Multiphase Anodic Spark Deposition Coating on the Improvement of Implant Osseointegration in the Osteopenic Trabecular Bone of Sheep. *The Int'l Jnl of Oral & Maxillofacial Implants* 23(4); 2008:659-668.
6. Giavaresi G, et al, A novel multiphase anodic spark deposition coating for the improvement of orthopedic implant osseointegration: An experimental study in the cortical bone of sheep. *J Biomed Mater Res Part A*: 2007:1022-1031.

\* Adapted from Ishikawa-Nagai S, DaSilva JD, Weber HD, Park SE, Optical phenomenon of peri-implant soft tissue. Part II. Preferred implant neck color to improve soft-tissue esthetics. *Clin Oral Impl Res* 18;2007:575-580. \*\*Keystone Dental data on file. 2010 courtesy of Dr. N. Bittner, Asst. Prof. Columbia UCDM.

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## Here in Chicago

To learn more about DoWell Dental Products and the PiezoART 3, stop by the booth, No. 443.

bone-cutting system driven with Piezoelectric technology, for instance. The PiezoART system is designed for osteotomy and osteoplasty and used in implantology, periodontology, endodontics and orthodontic surgery. It features elaborated cutting for surgical precision and intra-operative sensibility and selective cutting for hard tissues without causing damage to soft tissue.

PiezoART generation 3 is the latest innovation, as it includes both ultrasonic technology and an implant motor in one. With this unit, being able to access both piezo and the implant motor means a faster and more proficient approach to your surgical needs.

(Source: DoWell Dental Products)



• The PiezoART 3. (Photo/Provided by DoWell Dental Products)

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