ADA 2016 will get started with personal stories

By David Burger
American Dental Association

Dental professionals will be welcomed to ADA 2016 — America’s Dental Meeting with two programs that bookend the opening day. The opening general session, presented by ACT Oral Care, is scheduled for Oct. 20 from 8-9 a.m. at the Bellco Theatre at the Colorado Convention Center, and later that day the Mountain Mixer will convene at the exhibit hall from 4:30-6 p.m.

ADA 2016 — America’s Dental Meeting is convening in Denver from Oct. 20-24.

Making a difference

The opening general session will feature a number of dentists from across the country sharing their personal stories — how being a dentist has made a difference in their lives and enabled them to make an impact on their practices, families and communities.

The four featured member speakers are Drs. Christina Rosenthal of Memphis, Tenn., Dawn Wehking of Lafayette, Colo., Daryn Lu of Shawnee, Okla., and David Hochberg of Atlanta.

Along with a preprogram performance by the University of Colorado–Denver’s a cappella group MIX, the session also will feature an awards presentation to Dr. Frank Andolino, the ADA Humanitarian of the Year, and Dr. Peter Dawson, the ADA Distinguished Service Award winner.

Later that day, the annual meeting’s exhibit hall will host the Mountain Mixer, open to all registered attendees.

The mixer will provide an opportunity to socialize and network with fellow dental professionals against a backdrop of live entertainment, food and complimentary craft-beer tasting. It will also enable attendees to experience Denver’s diverse and active outdoor lifestyle, including a climbing wall, BMX bikers and slackline jumpers. The Denver Broncos Stampedes Drumline, a bluegrass band and Spinphony — a pop baroque string quartet — will all perform during the mixer.

For the most up-to-date information on ADA 2016, visit ADA.org/meeting.
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IAPA event explores neuromuscular dentistry

Exhibit booths will become a county-fair midway with games, food, fun, contests, Oct. 13–15

Adopting a county-fair atmosphere this year, the 2016 International Association of Physiologic Aesthetics meeting will be held from Oct. 13–15 at the LVI Global Campus in Las Vegas.

The annual event offers lectures, panel discussions and workshops for dental professionals and their team members. The event is open to those who have achieved the highest levels of dental training as well as those just beginning to explore esthetic, occlusion and neuromuscular dentistry.

Organizers say the meeting will enable attendees to return to their practices ready to provide patients with notably increased quality of care. Conference attendees will learn comprehensive esthetic treatment skills, network with a wide variety of health-care professionals and be introduced to proven practice management techniques — all of which support a goal of building a successful, comprehensive aesthetic approach.

The event includes an exhibit hall with daily hours and a County Fair Night on Oct. 14, when the exhibitor booths turn into a midway with games, food, fun and contests.


For further details, visit www.theiapa.com or call (888) 584-3237.

(Source: IAPA/LVI)
Yankee Dental Congress 2017 will be held from Jan. 25–29, at the Boston Convention and Exhibition Center. Meeting organizers describe the Yankee Dental Congress as being New England’s largest dental meeting. The congress is sponsored by the Massachusetts Dental Society in cooperation with the dental societies of Connecticut, Maine, New Hampshire, Rhode Island and Vermont. Nearly 28,000 dental health professionals and guests from around the United States are expected to attend the 2017 event.

The theme of the 2017 Yankee is “Focus. Fast. Forward.” Meeting organizers say that the theme “emulates how dental professionals can focus on innovative continuing education opportunities for intellectual development in the dental field, to fast-forward the industry for the future.”

New approach to pain management
Among the education highlights for the 2017 meeting, Yankee is providing several programs that are “focused” on working in conjunction with Massachusetts Gov. Charlie Baker’s efforts to combat addiction in the commonwealth.

This includes the Third Annual Interprofessional Symposium: “CTI-ALT-DELETE: Rebooting the Approach to Pain Management,” as well as the Yankee Fast Track program featuring topics in pain management and prescription monitoring. This track will include a series of six one-hour lectures covering these topics and providing a comprehensive review for the dental practitioner to diagnose and manage patients safely in the dental office while complying with current best practice guidelines and regulations.

Sleep Apnea Pavilion
The Sleep Apnea Pavilion will showcase the latest technologies “fast” involving the various laboratory providers. Yankee organizers say the congress is among the first dental meetings to provide education on this technology.

The pavilion will educate attendees on oral appliance therapy and laser procedures for treating sleep apnea as well as pediatric dental sleep medicine.

3-D Printing Pavilion
Along with more than 300 continuing education courses and events presented by leading experts in the dental profession, Yankee is moving “forward” with its 3-D Printing Pavilion.

This will discuss and demonstrate high-resolution desktop 3-D printing and how it provides affordable access to advanced digital workflows for all dental labs and, for the first time ever, dental practices.

450 exhibitors
The Yankee Dental Congress also features a wide range of the latest dental technologies and products from more than 450 exhibitors, along with several education pavilions located on the exhibit floor.

Special presentations this year include “A Conversation with Dr. Lisa Genova,” author of the best-selling novel “Still Alice,” basis for the identically titled Academy Award-winning film.

Another special presentation features Nancy Frates, mother of Pete Frates, who was the inspiration for the “ALS ice bucket challenge.”

For more about Yankee Dental Congress 2017, visit www.yankeedental.com or call (877) 515-9071.

(Source: Yankee Dental Congress)
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» Booth #5 See us to get your IAPA discount!
Registration opening for Pacific Dental Conference

Opening day for online registration for the 2017 Pacific Dental Conference is Saturday, Oct. 15. The annual meeting will be held from March 9–11 in Vancouver, British Columbia, at the Vancouver Convention Centre. Register at [www.pdconf.com](http://www.pdconf.com).

The Pacific Dental Conference is one of the largest dental conferences in North America, offering a varied and contemporary selection of continuing education programs. With more than 200 open sessions and hands-on courses and close to 300 exhibiting companies occupying 625 booths — the meeting is designed to serve dentists and their entire dental team.

**Two-day exhibit hall**

The exhibit floor will be open to all attendees on Thursday and Friday, March 9 and 10. Special hotel rates are available through Jan. 13, at which time rates will increase.

For the majority of attendees, C.E. credit is given for general attendance (maximum of five hours) and hour-for-hour credit for individually attended courses. The PDC programming offers the opportunity to acquire up to 20 C.E. credits.

**Dental technicians conference**

Entering its fourth year at PDC, the dental technicians’ conference day will have a new look and direction at the 2017 event. The PDC Lab Expo will take place on Saturday, March 11, bringing together dental technicians, denturists, dentists and their teams. Expo attendees will be able to visit the exhibits area between 8:30 a.m. and 3 p.m. and during session breaks.

Attendees will be able to enjoy lunch and meet a selection of company representatives to learn more about some of the industry’s latest tech advancements. A new “Showcase Stage” in the PDC Lab Expo will feature 30-minute demonstrations throughout the day looking at the latest products and technologies from a number of exhibitors.

**About the PDC**

In British Columbia, the tradition of gathering to share information on dentistry began in 1936 when the first BC Study Club was established. As time passed, the need for an annual meeting that all BC dentists could attend became evident.

An annual dental convention was created and in the subsequent years experienced continued growth and with that the need to expand from smaller hotel settings into the world-class Vancouver Convention and Exhibition Centre (now the Vancouver Convention Centre). In 1998 that meeting became known as the Pacific Dental Conference and welcomed dentists and their teams not only from BC, but also from other provinces and from across the U.S. The Pacific Dental Conference is organized by dental professionals for dental professionals. The PDC Organizing Group (made up of nine dentists and one hygienist) volunteers its time to present one of the most reputable dental conferences in North America.

(Source: Pacific Dental Conference)
There's a better way to manage periodontitis and peri-implantitis that doesn't end like this.

Effectively manage your periodontal and implant patients with the REPAIR™ protocol and Waterlase iPlus™, the world's most trusted all-tissue laser. Improve your surgical visibility and increase patient acceptance with a minimally invasive alternative to periodontal surgery. It's time to provide the standard of care for these growing disease states that your patients deserve.

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Alzheimer’s, cognitive decline linked to periodontal disease

Treating periodontitis could reduce, delay risk

By David L. Hoexter, DMD, FACD, FICD, Editor in Chief

Recent studies provide increasing evidence that untreated periodontal inflammation is linked to cognitive decline and Alzheimer’s disease, and that treating periodontitis may reduce or delay risk of this disease.

About one out of every nine Americans have some form of Alzheimer’s disease, according to the Alzheimer’s Society. It is the worst type of dementia, involving the most cognitive decline and memory loss. And, the magnitude and severity of this fatal disease mandates that research continues to explore every avenue that might lead to treatment.

Research has already found Porphyromonas gingivalis (P. gingivalis) in brains of Alzheimer’s patients. P. gingivalis is a bacterium associated with chronic periodontitis. Researchers propose that when these bacteria reach the brain, an immune response is stimulated in the brain to release proteins that kill the bacteria, but also cause broader destruction.

Periodontal disease bacteria enter bloodstream, brain

A study by professor Stjohm Crean and Dr. Sim Singhrao at the University of Central Lancashire (UCLan) School of Medicine and Dentistry in England involved the examination of brain tissue samples of 10 deceased people with Alzheimer’s and 10 people without it.

It was found that bacteria found in chronic periodontal disease were present in the brains of four of the 10 people with Alzheimer’s and in none of the 10 people without it. Researchers theorized that infections such as P. gingivalis, enter the bloodstream and brain, prompting an immune system response that contributes to cognitive decline and Alzheimer’s disease.

Amyloid proteins trap microbes

Recently, there was a study done at Massachusetts General Hospital, funded by the National Institutes of Health. Dr. R. Tanzi’s research with live mice showed that beta amyloid proteins in live mice trapped microbes — but the microbes remained free in live mice without the amyloid proteins.

Results indicated that with no amyloid to trap the infections, infection spread rapidly, but with the amyloid, infection was stopped. However, the study revealed that too much beta amyloid protein can over clump down on itself, without trapping microbes — indicating that efficacy requires a delicate balance.

Tanzi further theorized that when beta amyloid proteins play a large role, specifically ApoE2 and ApoE4. The gene ApoE2 enabled the brain to clean out the beta amyloid after it killed the microbes, leading to minimal cognitive decline in old age. The gene ApoE4, however, was inefficient at enabling such a “cleanup,” and the risk of developing Alzheimer’s disease was much greater.

All blood vessels are anastomosed in the human body. Therefore, all have connecting relationships and can transmit an inflammatory by-product easily. As mentioned, numerous articles allude to this connection with regard to periodontal tissue circulating to the heart and brain.

At last year’s induction of fellowships for the International Academy for Dental Facial Esthetics in New York, Dr. Ray Williams, former dean of Stony Brook Dental School and a highly regarded researcher, presented a detailed overview of the latest findings on periodontal vascularity.

Williams listed numerous publications showing a direct vascularity relationship between the periodontia and the heart. However, Williams also listed an equal amount of publications that infer no direct connection between periodontia and the heart.

Ability to self-maintain oral health can diminish with age

A key area that needs to be addressed is the challenge of self-maintenance of periodontal disease as people’s physical abilities diminish with age.

When I had the privilege to be involved with several senior-care facilities, it was obvious that a large number of residents were unable to maintain their oral health at a desired level. Some residents with dentures would misplace or lose a prosthesis or even borrow one from another resident.

Earlier this year, researchers at Harvard University conducted a study hypothesizing that infections such as chronic periodontitis produce reactions that leave debris in the brain that later contribute to Alzheimer’s disease.

The study found that in the subjects involved, bacteria passed through the blood-brain barrier, prompting the brain’s defense mechanism to release the “sticky” beta amyloid protein. This protein entrapped and killed the bacteria, but what remained was plaque, termed “the hallmark of Alzheimer’s.” This plaque signaled another brain defense mechanism — a release of a tangle of tau proteins that not only killed the plaque, but also the brain’s nerve cells, leading to more and more brain inflammation — and resulting in continued cognitive decline.

Vicious, repetitive cycle

The vicious, repetitive cycle leads to further and further destruction. However, not every brain was adversely affected because of the periodontal bacteria.

Researchers concluded that genetically, some brains (ApoE4) can clean out the beta amyloid, get rid of the plaque and lower the risk for Alzheimer’s — but other brains (ApoE3) can’t, correlating to a higher risk of getting the disease.

Alzheimer’s disease, with its cognitive decline and memory loss, is destructive not only to the patient, but to all of the patient’s loved ones. Understanding and addressing periodontal vascularity may well be a major pathway toward better and longer functioning of the brain.

Perhaps going to the periodontist is the most expeditious, economical and easiest path to slowing cognitive decline and onset of Alzheimer’s disease.
Waterlase uses simple laser protocols to complete perio and implant procedures

By BIOLASÉ Staff

The flagship Waterlase system is the iPlus®, an innovative laser system that enables dentists to complete many common dental procedures using minimally invasive laser energy combined with a fine water spray to gently remove hard and soft tissue.

The latest model now incorporates REPAIR Perio and REPAIR Implant, two power laser-based protocols for managing early to moderate periodontitis and peri-implantitis in a general dental setting. Both protocols leverage the gentle removal of diseased tissue and calculus. See the protocols in action in the BIOLASÉ booth, No. 1638, in the exhibit hall at ADA 2016 – America’s Dental Meeting, Oct. 20-24, in Denver and at the 2016 International Association of Physiologic Aesthetics meeting, Oct. 13–15, in Las Vegas.

For tooth cutting, the WaterLase iPlus helps to eliminate microfractures associated with the traditional dental drill, as well as thermal damage and risks of cross-contamination. The laser’s precision enables minimal invasive treatment with less removal of healthy tooth structure and soft tissues. For soft tissue, the WaterLase iPlus ablates the target tissue layer by layer, which, according to the literature, enables the dental professional to perform oral surgeries with less bleeding, dynamic tissue response and faster healing. WaterLase iPlus can improve efficiency in a practice with a wide range of benefits, including performing many restorative procedures without anesthetic. By eliminating the time required for the onset of anesthetic, the dentist and staff can efficiently move from patient to patient, staying on time and adding to the bottom line. Revenue per-chair, per-day can markedly increase with the WaterLase iPlus.

Also, a WaterLase practice can generate more income per patient-visit. Because anesthetic is not required in most cases, the dentist can address more of a patient’s clinical needs by working in all four quadrants. Also, WaterLase iPlus can offer alternative treatment modalities when traditional protocols are not addressing conditions such as deep periodontal pockets, endodontics and more. Fewer recall appointments means fewer appointments falling through the cracks, resulting in greater efficiency for both practice and patient. Additionally, WaterLase iPlus is indicated for both periodontal and endodontic procedures, so enterprising general dentists can keep more of those cases within their practice.

Dental professionals who have successfully integrated WaterLase iPlus into their practice can realize more than just enhanced clinical outcomes and greater productivity. Independent research shows that WaterLase iPlus owners report a renewed passion for their craft and greater enjoyment in addressing the clinical needs of their patients. By reducing chair time, improving clinical results and enhancing the overall management of patient-flow through a practice, WaterLase iPlus can become the cornerstone of the 21st-century dental office.

WaterLase iPlus is indicated for a wide range of soft- and hard-tissue treatments, including comprehensive periodontal procedures (such as deep pocket therapy with new attachment and subgingival calculus removal) and endodontic treatment (such as root canal shaping and cleaning). WaterLase iPlus delivers 10 watts of power and up to 100 pulses per second for fast, efficient cutting with little or no anesthetic required. An illuminated, compact, contra-angle handpiece allows precise control and movement of the laser tip around the treatment site as well as easy access to all areas of the oral cavity. WaterLase iPlus is operated via an intuitive graphical touchscreen. There are no settings to program or tip guides to consult. The system includes a docking station for an iLase 940 nm diode laser. A comprehensive selection of tips, accessories and upgrades is available. A full regimen of introductory and advanced training is included with each WaterLase iPlus.
Smallest dimensional attachment system designed to be compatible with all implants

**Rhein’83 OT Equator has a reduced vertical profile of 2.1 mm and diameter of 4.4 mm**

Rhein’83, a global producer of precision attachments on removable prosthesis, describes its OT Equator as the smallest dimensional attachment system on the market. It has a reduced vertical profile of 2.1 mm and diameter of 4.4 mm (metal housing included). It is compatible with any implant brand.

Because of its shape, Equator provides superior stability when compared with traditional attachments, according to the company. It corrects divergence of up to 25 degrees, the company reports. Functionality is guaranteed by coupling of attachment and cap.

Caps are available in four colors, based on levels of retention — from a minimum of 0.6 kg to a maximum of 2.7 kg.

Caps should always be used with metal housing.

To learn more about OT Equator, you can contact the company by email at info@rhein83usa.it or by telephone at (877) 778-8383. You can visit the company online at www.rhein83usa.com to learn more about all of its products and services, including the OT Equator.

(Source: Rhein’83)

Double your benefits with better mixing

Many dental products are used only once, including mixing tips used to prepare cements, impression materials and temporary crown-and-bridge (C&B) material. Following application, the mixer and any material left inside is discarded. To help dentists work more efficiently and sustainably, Switzerland’s Sulzer Mixpac has enhanced its tried-and-tested mixers: The new T-MIXER™ is significantly shorter, so material can be mixed even more quickly.

For example, the new blue model saves about 0.4 ml of material per C&B application compared with its predecessor. If a dentist performs an average of four C&B sessions per day, this adds up to 350 ml savings every year, which is equivalent to seven 50 ml C&B cartridges. Assuming average costs of $100 per temporary C&B material cartridge, the new T-MIXER helps cut annual material costs by approximately $700. And the mixing result is even better.

A T-MIXER’s endorsement by The Dental Advisor affirms its clinical evaluation. This product enables dentists to not only improve the health and well-being of their patients, but also make their business more efficient, according to the company.

Learn more about Sulzer’s T-MIXER product family from your specialty retailers and by viewing a short film at bit.ly/T-Mixer.

**Reference**

1. The Dental Advisor, published by Dental Consultants Inc., clinical evaluations of products.

(Source: Sulzer Mixpac)
Glidewell Laboratories launches Newport Biologics line of regenerative materials

By Glidewell Laboratories Staff

Glidewell Laboratories, an industry-leading provider of dental laboratory services and intraoral medical devices, has announced availability of a new line of bone grafting products, to be sold under the Newport Biologics™ brand name. Featuring allograft and alloplast bone graft options, as well as resorbable barrier membranes and a collagen-based wound dressing, the product line is aimed at increasing clinician access to top-quality regenerative materials for cases marked by bone or soft-tissue deficiencies.

“The Newport Biologics line of bone grafting materials and resorbable barrier membranes represents the highest quality of regenerative products available,” said Dr. Neil Park, director of clinical affairs for Glidewell Laboratories. “By assembling only the most versatile, effective and frequently used regenerative materials the industry has to offer, we hope to provide clinicians a simplified buying experience, unparalleled value and the confidence to efficiently and reliably treat the majority of grafting indications.”

Along with the damaging cycle of tooth loss and tissue resorption known to result from periodontal defects, extraction sockets and other bone deficiencies, industry trends suggest that an increasing percentage of dental implant procedures require bone grafting to optimize the esthetic and functional result. These and other factors have led to a discernible rise in the demand for grafting procedures in the modern dental practice.

Unfortunately, there tends to be a lot of confusion in the marketplace,” Park said. “Different materials, of varying origin and composition — all with proprietary naming conventions — can make it difficult for dentists to determine which products are best suited for their patients’ needs.”

Newport Biologics products are carefully selected for the dental practice and processed in accordance with rigorous U.S. FDA regulations. The allograft materials are sourced from the venerable University of Miami Tissue Bank, the oldest in the nation, and resorbable membranes are engineered to optimize handling characteristics to support the clinician’s preferred bone-grafting techniques. Individual product names are intended to clearly reflect the material’s composition and usage.

“We are very excited to add the Newport Biologics line to our growing portfolio of dental implant and restorative products,” said Dave Casper, president of Prismatik Dentalcraft, the manufacturing division of Glidewell Laboratories. “We've solicited feedback from some of the top opinion leaders in implant dentistry to bring a focused line of regenerative products to our customers that can meet their bone grafting needs.”

Founded in 1970, Glidewell Laboratories is a full-service dental lab and dental device manufacturer based in Newport Beach, Calif. Since inception, Glidewell has been driven by clinician demand and fueled by a mission to improve affordability of advanced dental procedures. The company advances the leading edge of dentistry, employing a diverse team of dentists, scientists, material researchers and other experienced professionals to develop products.

For more information about the company’s history and offerings, you can visit www.glidewelldental.com. To learn more about Newport Biologics, you can call (888) 303-3975 or visit www.newportbiologics.com.
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Biaxial flexural strength is measured by applying force to the test discs until the ceramic fails. Obsidian ceramic takes over four times the force to fracture compared to the force necessary to fracture conventional feldspathic porcelains (PFM veneering ceramics).

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*Price does not include shipping or applicable taxes. †Data provided by Glaiweil Laboratories Research and Development Department, 2015.
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— Joe Hattouni, CDT, General Manager Fixed Prosthodontics

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Obsidian crown on the right

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Obsidian crown on the right

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Purchasing, starting up or operating a practice is appealing to many medical professionals because of the independence and financial security it can provide. But it’s also a major endeavor that brings with it a host of financing considerations.

To help meet those needs, Zions Bank has launched a new professional finance division called Practice Pathways that offers a lending solution tailored to busy medical professionals from start-up to retirement.

“Practice Pathways was designed to meet the needs of medical professionals so they can focus on what they do best — provide care to their patients,” said Peter Morgan, executive vice president of Zions Bank’s Specialty Banking Division, which includes Practice Pathways. “Our job is to assist with personalized service and a line of great products to support their practices.”

Full suite of services
Backed by the strength of Zions Bank and its expertise in U.S. Small Business Administration and Commercial Real Estate lending, Practice Pathways offers a full suite of services, including financing for:
- Practice acquisitions and start-ups
- Debt consolidation and refinances
- Expansion and tenant improvements
- Equipment
- Working capital
- Commercial real estate/ground-up construction
- Practice equity

David Kirby, senior vice president and director of business banking for Zions Bank, leads Practice Pathways and a team of bankers that specializes in serving clients in the medical profession. “Whether it’s a loan to purchase equipment or to acquire the practice itself, clients can work with the same relationship manager to accomplish a variety of goals,” Morgan explained. “It’s a single stop versus a fragmented approach, which sets us apart.”

24 Greenwich Excellence Awards — second highest of all U.S. banks
Zions Bank is a leader in small business lending and has been recognized as one of the top providers of U.S. Small Business Administration 7(a) loans. Zions Bank, as part of Zions Bancorporation, earned 24 Greenwich Excellence Awards, the second-highest number of awards given among all U.S. banks for 2016.

To learn more about Practice Pathways, you can visit the booth at the 2016 International Association of Physiologic Aesthetics meeting, Oct. 13–15, in Las Vegas. You also can submit an application at www.practicepathways.com and receive an initial response within one business day. From there, a Pathways specialist will help design a custom solution to help you start or grow your medical practice in the years to come.

Loans and credit products are subject to credit approval; terms and conditions apply.

(Source: Zions Bank)
Kettenbach’s Panasil impression material recently earned high marks in the benchmark evaluated by Catapult Group. Experts who investigated Panasil initial contact were especially impressed with the precision poly-vinyl siloxane impression material.

Eighty-eight percent of those surveyed rated Panasil “equal to or better for overall quality” than the impression material they currently use, and 57 percent found it better. This was the result of Catapult’s benchmark test for “Panasil initial contact.” The material is produced by the dental and medical specialist Kettenbach GmbH & Co. KG (www.kettenbach.com).

Thorough testing
The precision impression material was subjected to thorough testing. It impressed the expert testers with properties such as its strong hydrophilicity, high precision and dimensional stability.

Catapult Group has more than 50 dentists regularly test and evaluate proven and new products. These tests are designed to make it possible for practitioners to determine a product’s innovation, suitability for dental practices and potential for optimization.

Highest degree of precision and dimension stability
“Panasil initial contact” is an addition-curing, elastomeric, poly-vinyl siloxane precision impression material. The low to very low viscosity materials of this product family offer clinicians precise results whether using the two-step impression technique or the one-step double-mix technique.

The products are available in various viscosities to cover a wide variety of different procedural requirements. Of all available dental impression materials, addition-curing impression materials achieve the highest degree of precision and dimension stability and have an extremely low linear dimensional change of -0.04 percent in 24 hours. These advantages were confirmed in the recent Panasil test by Catapult.

High, medium or low viscosity, normal or fast setting, manual or mechanical processing
According to Kettenbach, Panasil was given unusually high ratings by the experts, with 86 percent of the testers stating that they were considering using the product in their practices.

The versatility of the Panasil family, according to the company, provides an appropriate material for nearly every dentist, be it high, medium or low viscosity, normal or fast setting or for manual or mechanical processing.

High initial hydrophilicity
Every version that was selected impressed testers with ‘very high initial hydrophilicity.’ For an impression material, it is important not only to wet the surface of the tooth, but also to displace fluids such as blood or saliva from the preparation margins.

Panasil was also given good marks for high precision. Precise impressions are needed especially for the popular but frequently breakage-prone ceramic restorations to achieve a good internal fit with an even distribution of tension. Panasil fully complies with this criterion.

In short, according to Kettenbach, the test results show that the Panasil family covers most requirements of dentists in clinical practice and should be considered when selecting a new impression material.
While caring for their patients, dental and health care professionals are constantly exposed to bodily fluids that may carry viruses and other infectious agents.

It is therefore critical that the gloves these professionals use provide the best possible barrier protection. Many types of gloves are available today, but it is important to know that not all gloves have the same barrier capability, depending on the type of material used. For example, natural rubber latex gloves have long been acknowledged for their very effective barrier properties, while non-latex gloves, such as vinyl (polyvinyl chloride), have inferior barrier capability as shown by numerous studies.

Other synthetic gloves, such as nitrile and polyisoprene, perform much better than vinyl but are more costly, especially polyisoprene gloves. Using gloves with inferior capability could expose both the patient and user to harmful infections.

Quality, safety top priorities
Malaysia is the world’s largest medical gloves exporter (latex and nitrile). Both quality and users’ safety are of top priority to the nation’s glove industry. To this end, a quality certification program (the Standard Malaysian Glove, or the SMG) has currently been formulated for latex examination gloves.

All SMG-certified gloves must comply with stringent technical specifications to ensure the gloves are high in barrier effectiveness, low in protein and low in allergy risks, in addition to having excellent comfort, fit and durability — qualities that manufacturers of many synthetic gloves are trying to achieve.

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All SMG-certified gloves must comply with stringent technical specifications to ensure the gloves are high in barrier effectiveness, low in protein and low in allergy risks, in addition to having excellent comfort, fit and durability — qualities that manufacturers of many synthetic gloves are trying to achieve.

Gloves with inferior capability could expose patient/user to harmful infections

Natural, sustainable resource
Latex gloves are green products, derived from a natural and sustainable resource, and are environmentally friendly. (You can learn more online by visiting www.smgonline.biz or www.latexgloves.info).

The use of low-protein, powder-free gloves has been demonstrated by many independent hospital studies to markedly reduce the incidence of latex sensitization and allergic reactions in workplaces.

More important, latex-allergic individuals donning non-latex gloves can now work alongside their coworkers wearing the improved low-protein gloves without any heightened allergy concern.

However, for latex-allergic individuals, it is still important they use appropriate non-latex gloves, such as quality nitrile and polyisoprene gloves, which provide them with effective barrier protection.

Extensive array of brand, prices
Selecting the right gloves should be an educated consideration to enhance safety for both patients and users. For decades, gloves made in Malaysia have been synonymous with quality and excellence, and they are widely available in an extensive array of brands, features and prices.

They can be sourced either factory direct (www.mrepca/marketplace) or from established dental products distributors in the United States and Canada.

(Source: Malaysian Rubber Export Promotion Council)
Work with confidence

Malaysia:
Your #1 Source For Quality Medical Gloves
Protection and Performance You Can Feel

Malaysia is the largest source for U.S. imports of natural and synthetic rubber gloves as reported in tariff and trade data by the U.S. Department of Commerce and the U.S. International Trade Commission

www.mrepc.com
www.smg-online.biz
www.latexglove.info

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Gelato prophy paste is top prophy paste for fourth consecutive year

Announced at the turn of the new year were The Dental Advisor’s annual Product Awards, one of the most respected awards in the dental industry, known for evidence-based clinical and laboratory research and evaluation.

At the top of the prophy paste category was once again Gelato Prophy Paste, marking 2016 as the fourth consecutive year Gelato has won Top Prophy Paste among dental professionals.

Gelato, produced from the New Jersey-based manufacturer Keystone Industries, was evaluated by 35 professional consultants in 2,500 different uses. At the end of the study, Gelato Prophy Paste received a 91 percent clinical rating. Sixty-three percent of consultants said they would switch to using Gelato Prophy Paste, while 80 percent said they would recommend it.

Consultants’ open-ended comments on the paste included such phrases as, “does not splatter,” “easy to rinse,” and “cups are color-coded and easy to open.” Keystone’s paste joins elite company as one of very few products to win four years consecutively (2013, 2014, 2015, and now 2016), but has done so because of the celebrated splatter-free, 1.23 percent fluoride ion application. Gelato is tough enough for high-luster polishing and stain removal, and remains gentle enough on the enamel with minimal enamel loss, according to the company.

Disposable cups eliminate cross-contamination

The paste comes in boxes of 200 individual disposable cups for convenient use. The disposable cups also eliminate cross-contamination and include a prophy ring for ease of application on the patient’s teeth. For more options, the paste is also available in six-ounce (exports only) and 12-ounce jars.

Available in four different grits (fine, medium, coarse and x-course), Gelato will take care of your various stain removal needs. Typically, hygienists use the fine grit for routine use and the medium grit gives a little more stain removal power. The coarse paste is required for removing moderate to heavy stains. No matter the job, Gelato Prophy Paste provides exactly what dental professionals need, the company asserts.

Keystone Industries continues to put forward the largest assortment of great-tasting Gelato flavors such as piña colada and orange sherbet. The paste line also has mint, cherry, bubble gum and raspberry flavors for a plethora of flavor options to satisfy picky clients. The individual cups are clearly labeled for quick retrieval and application.

Quality and price

Overall, Keystone is proud of this highly regarded review from The Dental Advisor. As a company that strives to create the best quality products at the best price, Keystone is proud to assert that “Gelato Prophy Paste has hit the mark with quality and price.”

According to the company, the statistics and feedback are what gave Gelato such a high rating and awards four years running now, but they also speak for the high-quality work Keystone Industries puts into its American-made dental products.

Across the board dentists and lab technicians alike give Gelato and the various amounts of other products great feedback, according to the company.


About Keystone Industries

Keystone Industries, a privately held company, founded in 1908, has maintained a strong reputation for producing innovative, high-tech dental products in both the operatory and laboratory realms.

Its dedication is driven by the need to provide customers with the finest quality materials while developing products that meet and surpass customer expectations. These expectations have continued to excel as the company has moved forward with expansions around the globe.

(Source: Keystone Industries)

Commentary

Telling the whole tooth

Not all the pundits got the flossing story quite right

By Patricia Walsh, RDH
Editor in Chief, Hygiene Tribune

Edith Wharton was the first woman to be awarded a Pulitzer Prize in fiction. “The House of Mirth” was written while she was residing in Paris. Her beloved home in Lenox, Mass., which she helped to design, is one of the lesser-known tourist attractions in New England. The formal grounds are as lovely as a Paris park; the gardens rival those of the stately Belle Époque mansions in Newport, R.I.

Wharton, who had no formal education, was taught by nannies and tutors as a small child. Newport was another beautiful town from her privileged upbringing. Her meticulous diary and prolific handwritten letters reveal that she and her husband, Teddy, once put off a trip to Paris because of his medical condition. He was in a great deal of pain from terrible teeth. The doctors were trying a new “serum treatment” on him. This was in 1909, prior to penicillin. The methodology of this “serum” strategy wasn’t described, but I do know this: in France in the early 1900s, horse blood was thought to contain antibodies that could cure many illnesses. Regardless, Teddy never recovered enough to travel to the Wharton’s intended holiday destination. He eventually returned to the United States without Edith. His mental and physical health declined and he passed away in America.

A hundred years ago, money and position would not have been enough to keep you out of pain. Today, we might hear of a famous couple not being able to make it to their villa in the French Riviera due to weather-related flight delays. But an interfering toothache would likely be pretty low on the list of reasons to cancel a vacation.

Edith Wharton wasn’t the only celebrated author to discuss the woes of dental health. Her contemporary, Robert Louis Stephenson, spins the tale of a medical student named Fettes in “The Bodily Snatcher.” Fettes makes a horrifying discovery after having a tremendous toothache. Perhaps with the transition to modern dentistry and the discovery of antibiotics, the “toothache” used as a literary tool to connote foreboding will disappear into the dust of library shelves.

Robert Burns, the famous Scottish poet, agonized over dental pain and how it affected his ability to write. In 1795, he wrote: “The delightful sensations of an interfering toothache would likely be pretty low on the list of reasons to cancel a vacation.”

Edith Wharton once said: “The man with a toothache thinks everyone happy whose teeth are sound. The poverty-stricken man makes the same mistake about the rich man.”

George Bernard Shaw once said, “The man with a toothache thinks everyone happy whose teeth are sound. The poverty-stricken man makes the same mistake about the rich man.”

Shakespeare laments the sad loss of power old age brings in “As You Like It,” writing, “Last scene of all, That ends this strange evenfutal history, Is second childhood and mere oblivion, Sans teeth, sans eyes, sans taste, sans something.”

Toothaches, tooth loss and dentistry in general will always be discussed in popular culture, although today’s writing may less likely be poetry or novels. While the flossing controversy was playing out (you
Mydent has launched new and improved DEFEND Level 1, 2 and 3 Face Masks to protect health-care profession- als based on procedures performed. The masks comply with guidelines set forth by the American Society for Testing and Materials (ASTM) and feature a new four-fold design for improved breathability.

DEFEND Level 1 masks (ASTM low barrier) are designed for procedures with low amounts of blood, fluid, spray and/or aerosol exposure — such as with patient exams, operatory cleaning, impressions, lab trimming and orthodontic work. Available in blue, pink and white (sensitive), they feature dual-fit chin contour technology, are fiberglass/latex free and are made with a form-fitting pliable nose and chin band.

DEFEND Level 2 masks (ASTM moderate barrier) are ideal for procedures where moderate to light amounts of fluid, spray and/or aerosols are produced. Level 2 masks are suitable for restoratives, prophylaxis, sealants, limited oral surgery and endodontic work. Available in blue, pink and white, they are fiberglass/latex free, made with a form-fitting pliable nose and chin band and have dual-fit chin contour.

DEFEND Level 3 masks (ASTM high barrier) are designed for procedures with moderate to heavy amounts of blood, fluid, spray and/or aerosol exposure — such as implant placement, crown preparation and periodontal or complex oral surgery. Available in blue, pink and white, they are fiberglass/latex free, made with a form-fitting pliable nose and chin band and have dual-fit chin contour.

DEFEND Level 2 and 3 masks (ASTM hi-barrier) are designed for procedures with moderate to heavy amounts of fluid, spray and/or aerosols exposure. Level 2 masks are ideal for procedures like restoratives, prophylaxis, limited oral surgery and endodontic work. Level 3 masks are suitable for implant placement, crown preparation and periodontal or complex oral surgery. These masks are available in blue, pink, and white.

All three masks are available through most dental dealers.

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(Source: Mydent International)
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AAOMS takes Vegas!

Mandalay Bay is the setting for education, new products and fun

By Fred Michmershuizen,
Dental Tribune

In September, more than 4,000 attendees gathered at the Mandalay Bay Convention Center in Las Vegas for the American Association of Oral and Maxillofacial Surgeons’ 98th Annual Meeting, Scientific Sessions and Exhibition.

Leading clinicians traveled from around the world to share their knowledge and experiences in maxillofacial surgery. Many topics were explored, including the administration of in-office anesthesia, with special emphasis on anesthesia for geriatric patients and anesthesia management for patients with obstructive sleep apnea.

In addition to the array of educational opportunities, plenty of new products and technology filled the exhibit hall for attendees to check out.

One such new technology on display was the X-Guide dental implant navigation system, available from X-Nav Technologies. According to the company, the X-Guide system features patented technology that makes learning and integrating navigation technology easy.

It is important to note that with this system, the surgeon concentrates on a single target to assist in precisely guiding the implant. The result: They consistently achieve a more desirable, functional and esthetic outcome, according to the company.

The X-Guide system offers clinicians the ability to achieve more accurate placement of implants, the company said. Interactive, turn-by-turn guidance during live surgery offers the ability to control the exact position, angle and depth — like a GPS for your handpiece.

At the DENTSPLY Implants booth, attendees were able to learn more about the OsseoSpeed Profile EV dental implant, which is designed to provide 360-degree bone preservation while maintaining soft-tissue esthetics.

Instead of augmenting sloped ridges to accommodate flat-top implants, OsseoSpeed Profile EV allows the clinician to follow the bone, according to the company. The implant reduces the need for augmentation and saves time and company. The implant reduces the need for augmentation and saves time and

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Fun in the air at the AAOMS annual meeting as Jennifer Baker-Johnson of Henry Schein Dental, center, gets behind a Vegas showgirl cutout while Christina Antonio, left, and Maggie Lee of EWI Worldwide provide backup.
costs, and it increases case acceptance by helping to address patient concerns regarding pain and treatment time, the company said.

Also on hand, Salvin Dental showcased its Renovix Guided Healing Collagen Membrane for pre-implant grafting procedures, including socket preservation, ridge augmentation and sinus lifts. The membrane features the ability to drape and conform to the specific anatomy of a grafted defect, while maintaining structural integrity and elasticity, according to the company. This combination of ideal handling characteristics helps to make grafting procedures easier and more predictable, the company said.

Finally, for sedation, Porter Instrument was on hand to offer attendees a lightweight nasal hood that does not obstruct access to the oral cavity. The Silhouette Nasal Mask is a single-patient-use disposable nasal mask and circuit, featuring four size options (pediatric, small, medium and large). It is designed with the lowest possible profile, making it easier for the clinician to work around, according to the company. An adhesive strip for the bridge of the patient’s nose secures the mask in place, preventing gas from flowing into the patient’s eyes and reducing risk to the health-care provider from inhaling it, the company said, adding that the nasal hood provides predictable results for the dentist and a pleasant experience for the patient.
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