ODA ANNUAL SPRING MEETING

DENTAL TRIBUNE

The World's Dental Newspaper · Canada Edition

APRIL 2014 — VOL. 8 NO. 2

www.dental-tribune.com

ADVANCES IN DENTISTRY: ARE THEY WORTH IT?

Editor in Chief Dr. Sebastian Saba asks if convenience is replacing performance as a primary driver behind product advancements.

▸ page A2

HYGIENISTS NOW SELF-REGULATED IN TWO MORE PROVINCES

Dental hygienists in Newfoundland and Labrador gain regulatory control through the Health Professions Act.

▸ page A2

IMPLANT TRIBUNE

NOVEL POST/CROWN

Create a predictable, esthetic, moderate-term provisional to preserve site for future implant (Part 2).

▸ page B1

Ontario expands free oral health services for kids

Province continues effort to lift more families out of poverty

Ontario is expanding eligibility for free dental care to 70,000 more children and youth in low-income families, to reduce barriers to care and provide children with more opportunities for realizing healthy lifestyles.

Starting this month, the province is increasing access to oral health services such as cleanings, diagnostic services and basic treatment by expanding eligibility for the Healthy Smiles Ontario program. The province will also streamline six existing dental programs into one starting in August 2015, making it easier for families of eligible children and youth to access timely dental care.

This expansion is part of Ontario's five-year poverty reduction strategy. The 2013 annual report released in mid-December, highlights progress made since the strategy was launched in 2008. It also outlines the results of recent consultations that will help shape a new five-year strategy, released this year.

According to the latest annual report, Ontario's progress on poverty reduction includes:

- More than 47,000 children and their families were lifted out of poverty and 61,000 were prevented from falling into poverty between 2008 and 2011.
- More than 1 million children in 530,000 families are being helped by the Ontario Child Benefit.
- Almost 184,000 4- and 5-year-olds and their families have benefited from full-day kindergarten programs at about 2,600 schools across the province.

Providing free dental care and helping to reduce barriers to other opportunities for low-income children and youth is viewed by supporters of the programs as consistent with Ontario's poverty reduction strategy. The dental programs are designed to complement Ontario's action plan for health care, which calls for "providing the right care, at the right time, in the right place." The plan's larger vision is to "invest in people, modernize infrastructure and support a dynamic and innovative business climate."

(Source: Ministry of Health and Long-Term Care)

In downtown Toronto, the Ontario Dental Association's 147th Annual Spring Meeting, May 8-10, will feature speakers covering clinical, practice management and personal development topics. A 75,000-square-foot, two-day exhibit hall will have more than 300 companies displaying dental products and services. Photo/*www.dreamstime.com*

▸ See page A3

FROM THE EDITOR IN CHIEF A2
- Advances in dentistry: At what cost and ... worth it?

MEETINGS A3–A4
- Ontario Dental Association event features exhibit hall, courses for dentists, dental hygienists, dental assistants and office personnel
- 2014 JDIQ hosts Association of Prosthodontists of Canada
- TAD Winter Clinic relocates to new downtown Toronto location
- 2014 Greater New York Dental Meeting adds new events

EDUCATION A6
- LVI Core I three-day course designed to expand team's diagnostic skills

INDUSTRY A8–A13
- NSK Dental introduces 'dentistry's most powerful air-driven handpiece'
- Keystone's Gelato Prophy Paste gets new packaging
- Digital radiography system takes clarity, ease to new level
- Henry Schein acquires Lincoln Dental Supply
- Carestream CS 9300, CS Solutions open window to wider variety of patient services
- Posiflex pain-free seating can help ensure you can keep working

AD

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Advances in dentistry: At what cost and ... worth it?

By Sebastian Saba DDS, Cert. Pros., FADI, FICD, Editor in Chief

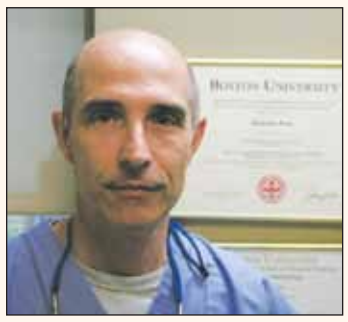
There have been many advances in dentistry during the past 10 years. Some can be considered improvements for the betterment of patient services, others are marketing techniques disguised as improvements.

For example, the field of implant dentistry has seen some significant improvements in implant design. In fact, it is one of the true areas of dental sciences in which improvements and needs were based on retroactive analyses justifying the direction of the sciences.

There was a need for simplification of product design and use. There was a need for changes in the implant macro- and micro-topographical design to speed up osseointegration, improve patient management and provide a more stable long-term osseointegrated implant. There was a need to design changes to abutment connections to create a predictable, long-term, stable connection to allow the use of cemented restorations. All of these advancements were achieved with scientific support and rationale.

On the other hand, some changes in dentistry may not have been well supported by scientific rationale. Every year new bonding agents come on the market. Many of them don't stay on the market long enough to be tested for long-term results. Some don't undergo rigorous wet chemistry, long-term testing (a standard testing format for bonding agents) because they don't stay on the market long enough to substantiate the research funding.

In dentistry, new products imply new and improved formulas. With bonding agents on their ninth to 10th generation, the science still shows us that the fourth generation (two-bottle) generated the best bonding results. So what has been improved? Not the bonding efficacy, but the handling of the products. Many formulas today are single-bottle, and some exhibit self-etching to speed up use. Simplification of use appears to be a more important marketing variable than product efficacy. That's often a reality in today's competitive product fields.



SEBASTIAN SABA, DDS, CERT. PROS., FADI, FICD, is a graduate of the Goldman School of Dental Medicine, Boston University. He has published extensively on the topics of prosthetic and implant dentistry and has a private practice in Montreal limited to prosthetic and implant dentistry.

There has also been an explosion of marketing of CAD/CAM (computer-aided design and manufacturing) technologies. Every company is marketing its version of this technology. The CEREC machine (CEramic REConstruction) uses CAD/CAM to enable dentists to provide crowns and/or inlays in their office in one visit.

There is no doubt patients love the concept of having to spend only one appointment without all the fuss to have a crown fabricated and inserted. Though if we critically compare it to our "conventional existing technologies and methods," some aspects of the technology still fall short The esthetics can limit in-office use to posterior teeth.

In contrast, we have clearly seen the benefit of CAD/CAM machines in laboratory use. Previous methods of casting large substructures had many limitations, such as distortion aspect, cost and alloy weakness, to mention just a few. Today the use of this technology seems to be able to avoid such limitations and create a superior framework without the shortcomings of the previous technologies. They can also fabricate a superior framework for the same or lesser cost.

Another example of this convenience-versus-performance improvement confusion involves lasers and instant chairside bleaching. One independent study (Clinical Research Association) showed a chairside approach not performing as well as two "take-home" bleaching systems. The tested in-office laser-bleaching session produced significantly fewer desirable color changes than did the tested "take home" bleaching protocols. Apparently the in-office system dehydrated the teeth, making them look whiter, but for a shorter period.

So why are dentists buying such systems? It appears to have more to do with advertising and marketing than with product efficacy.

That raises this question: Is dentistry swinging more toward a profit-based model instead of a health-based model?

There are clinical advantages created by many of our new technologies, but are they being exploited for other reasons? Are the benefits worth the changes in clinical approaches? Are the "new-and-improved" technologies a clinical benefit or just a marketing ploy?

The best guideline remains "patient benefit." If the new technology produces an improved product, greater success rates, reduced costs and quicker, simpler patient treatment, then you have your answer. If not, then it's worth questioning the philosophy of a practice that uses those expensive marketing toys.

Hygienists now self-regulated in Newfoundland, Labrador

Dental hygienists in Newfoundland and Labrador are now self-regulating under the Health Professions Act through a shared regulating responsibility with the Newfoundland and Labrador Council of Health Professionals and the Newfoundland and Labrador College of Dental Hygienists.

"This legislation will allow dental hygienists to work in independent practice settings within the community, to service isolated populations and educate the residents of Newfoundland and Labrador in a safe and professional manner" said Nikki Curlew, the new chair of the Newfoundland and Labrador College of Dental Hygienists.

The Canadian Dental Hygienists Association (CDHA) supports and champions self-regulation for dental hygienists, which was already in place in most jurisdictions across Canada with the exception of Quebec, PEI and the North. CDHA President Sandy Lawlor sent congratulations to "the many dental hygienists in Newfoundland and Labrador who have worked tirelessly to fulfill the requirements for the Health Professions Act and develop Dental Hygienists Regulations."

The Newfoundland and Labrador College of Dental Hygienists is mandated by the provincial government under the Health Professions Act to carry out its activities and govern its members in a manner that serves and protects the public interest. It ensures that dental hygienists are educated to perform safe, appropriate dental hygiene services, following standards set by the college.

Tiffany Ludwicki, president of the Newfoundland and Labrador Dental Hygienists Association, said, "Self-regulation will allow for new and exciting endeavors. We are pleased to have achieved professional autonomy and look forward to working as primary health care providers."

The Newfoundland and Labrador Council of Health Professionals governs the regulation of seven health groups in registration, professional standards, quality assurance and discipline. CDHA is the collective voice of more than 24,000 registered dental hygienists in Canada, directly representing 16,500 individual members.

Dental hygiene is the sixth largest registered health profession in Canada, with professionals in a variety of settings, including independent practice. The CDHA website is *www.dentalhygienecanada.ca*.

(Source: Canadian Dental Hygienists Association)

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ODA Annual Spring Meeting

Ontario Dental Association event features exhibit hall, courses for dentists, dental hygienists, dental assistants and office personnel

More than 11,000 attendees are expected at the Ontario Dental Association Annual Spring Meeting, May 8-10, at the Metro Toronto Convention Centre South Building. Photo/ Provided by the Metro Toronto Convention Centre

Marking its 147th year, the Ontario Dental Association's annual dental conference and trade show — the Annual Spring Meeting — is May 8-10 in Toronto.

The speakers at this year's meeting will cover a variety of clinical, practice management and personal development topics.

The meeting's trade show floor offers more than 300 exhibitor companies displaying dentistry-related products and services across more than 75,000 square feet of floor space.

Dentists and their dental team can connect and interact with exhibitors who are there to demonstrate and teach attendees about new products and technology from around the world. Attendees can touch, use and compare the newest materials and technology in dentistry.

Meeting organizers say the primary purpose of the Annual Spring Meeting is to provide dentists and their dental teams with a range of opportunities to connect, learn and excel.

Typically attracting more than 11,000 attendees, the event is held at the Metro Toronto Convention Centre South Building.

Dentists and dental teams have access to three full days of education anchored by a two-day trade show. According to organizers, the meeting is structured in a manner that creates numerous opportunities for attendees to connect with speakers, exhibitors and professional colleagues to share best practices.

Ontario Dental Association members have the opportunity to receive up to 18 continuing education credits during the three days (six credits per day), covering all Royal College of Dental Surgeons of Ontario Quality Assurance Program categories, including category 1 (core), category 2 (clinical courses) and category 3 (practice management or general attendance at the exhibit floor).

Out-of-province dentists should verify their C.E. requirements with their respective provincial regulatory authority and submit their own report to their provincial authority. The College of Dental Hygienists of Ontario is responsible for the Quality Assurance Program and professional portfolio for hygienists.

Details on C.E. eligibility for other members of the dental team, as well as general meeting information, are available at *www.oda.ca/asm*.

AD

Core I: Advanced Functional Dentistry —

The Power of Physiologic Based Dentistry

The Future of Dentistry Awaits You

The LVI Core I program encompasses the principles in physiologic restorative concepts creating excellence in care for your patients and prosperity for you. This program will start you on a path to greater understanding and enjoyment of our profession while creating loyal, enthusiastic and grateful patients!

This exciting three-day, hands-on program shows you how to evaluate cases and educate your patients for advanced restorative dentistry and more comprehensive case acceptance. For many of your patients you will learn how to eliminate a lifetime of pain that no other medical professional has been able to address, and for some learn how you can actually save their lives!

In essence, become a mouth doctor with ability to do things you never were taught in dental school. You have patients in your practice RIGHT NOW that can benefit from these concepts and you have the opportunity to change their lives starting the day you return to your office.

Dr. Bill Dickerson, Dr. Heidi Dickerson and Dr. Mark Duncan will present this information in a practical, easy to understand manner where you will feel comfortable presenting these exciting and practice building new options to your patients on Monday. Don't miss this golden opportunity to find out about this incredible world of dentistry that awaits you!

Core I guarantee: We are so sure you will be satisfied with this course that we offer a money back guarantee!

"LVI has given me a new driving force in my career. It has recharged my enthusiasm for dentistry and made me realize that my career choice was not a mistake."
—Dr. Charles Shin, Stouffville, ON

"I wish I would have attended LVI earlier in my career. I still have time to make a difference but this info is too valuable to not be used throughout an entire dental career."
—Dr. Tim Stirneman Algonquin, IL

"Not only did I learn what I didn't know about dentistry, I learned how to help my own long history of pain in the head and neck. Thanks for the missing link."
— Dr. Paul Bell, Denver, CO

Upcoming 2014 DATES
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October 1-3 - LVI (Las Vegas)
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2014 JDIQ hosts Association of Prosthodontists of Canada

The Journées dentaires internationales du Québec will take place from May 23–27 at the Palais des congrès de Montréal.

Working with the Association of Prosthodontists of Quebec, this year the JDIQ will host the Association of Prosthodontists of Canada. This is attracting a larger number of top speakers in implant and restorative dentistry and attendance by more prosthodontists. The JDIQ is one of North America's highest attended dental meetings, according to organizers, and more than 12,000 attendees are expected this year.

Described by organizers as Canada's most highly attended bilingual convention, the meeting will feature a scientific program with more than 100 lectures and workshops presented in English and French. More than 225 exhibitors will occupy approximately 500 booths in the exhibit hall, making it one of the largest in Canada. The exhibition will be open Monday and Tuesday, May 26 and 27, and it will feature a continental breakfast on both days for the early risers as well as a wine and cheese reception to close out both afternoons.

For more information about the meeting, you can call (800) 361-4887, visit online at *www.odq.qc.ca* — or you can send an email to *congres@odq.qc.ca*.

(Source: Ordre des dentistes du Québec)

TAD Winter Clinic relocates to new downtown location

The 77th Annual Winter Clinic is on the move, with its 2014 meeting day scheduled for Friday, Nov. 14, at the Toronto Sheraton Centre. The Winter Clinic is the largest one-day dental convention in North America.

This year's clinical program covers a broad spectrum of topics, including an examination of the way digital technology is transforming workflow; demonstrations of cutting-edge tools and equipment; specialized techniques for prosthetic tooth repositioning; the use of lasers in periodontal therapy; a discussion of X-rays as a diagnostic tool; advice on the latest legal requirements for health and safety in the dental office; and how to meet the demands of your modern dental practice through healthy habits and humor.

You can bring the whole team to share the knowledge. The single-day event features 24 separate programs in contemporary dentistry, offering something for all.

(Source: Toronto Academy of Dentistry)

2014 Greater New York Dental Meeting adds new events

By Jayme McNiff Spicciatie
Program Manager, GNYDM

A number of new events are already on the schedule for the 2014 Greater New York Dental Meeting. Some highlights:

• The World Implant Expo, four days of innovations in implantology.

• An expanded ColLABoration Dental Laboratory Meeting, bringing together dentists and tab techs.

• An expanded exhibit floor with more than 1,700 exhibit booths filled by more than 700 companies.

The new World Implant Expo will be held simultaneously with the main Greater New York Dental Meeting, from Nov. 28 through Dec. 3. ColLABoration, the dental laboratory meeting presented with Aegis Publishing, is expected to surpass its inaugural 2013 numbers: 1,183 technicians and technician students and 50 exhibitor booths. The 2014 GNYDM exhibit hall dates are Nov. 30 through Dec. 3.

Again for 2014, the GNYDM, which is sponsored by the New York County Dental Society and Second District Dental Societies, will remain free of any registration fee.

Other distinctions that help make the GNYDM stand out include:

• Only event with four-day exhibit hall.

• More than 300 educational programs.

• One C.E. unit can be earned by exploring the exhibit floor.

• Eight "Live Patient Demonstrations."

• Multilingual programs (in Spanish, Russian, Portuguese, French and Italian).

Three airports — Newark Liberty (EWR), Kennedy (JFK) and La Guardia (LGA) — and hotel discounts make it easy to attend the meeting and enjoy all that New York City has to offer during the holiday season. Learn more at *www.gnydm.com*.

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LVI Core I three-day course designed to expand team's diagnostic skills

Las Vegas Institute for Advanced Dental Studies offers Core I, a three-day course for doctors and their teams. Photo/ Provided by Las Vegas Institute for Advanced Dental Studies

By Mark Duncan, DDS, FAGD, LVIF, DICOI, FICCMO
Clinical Director, LVI

As a patient, I expect the best care I can find. As a doctor, I want to deliver the best care possible. That takes us to the power of continuing education, and as doctors we are faced with many choices in continuing education.

As a way to introduce you to the Las Vegas Institute for Advanced Dental Studies, or LVI, I want to outline what LVI is about and what void it fills in your practice. The alumni who have completed programs at LVI were given an independent survey, and unlike the typical surveys, 99.7 percent said they love practicing dentistry, and of those surveyed, 92 percent said they enjoy their profession more since they started their training at LVI. That alone is reason enough to go to LVI and find out more.

While the programs at LVI cover the breadth of dentistry, the most powerful and life-changing program is generally reported as Core I, "Advanced Functional Dentistry: The Power of Physiologic-Based Occlusion."

This program is a three-day course that is designed for doctors and their teams to learn together about the power of getting their patients' physiology on their side. In this program, doctors can learn how to start the process of taking control of their practice and start to enjoy the full benefits of owning their practice and providing high-quality dentistry.

Whether he or she works in a solo practice or in a group setting, every doctor can start the process of creating comprehensive care experiences for his or her patients.

We will discuss why some cases that doctors are asked by their patients to do are actually dangerous cases to restore cosmetically. We will discover the developmental science behind how unattractive smiles evolve and what cases may need the help of auxiliary health care professionals to get the patient feeling better.

The impact of musculoskeletal signs and symptoms will be explored and how the supporting soft tissue is the most important diagnostic tool you have — not simply the gingiva, but the entire soft-tissue support of the structures not just in the mouth but also in the rest of the body.

Complete and comprehensive diagnosis can change lives

A successful restorative practice doesn't need to be built on insurance reimbursement schedules.

An independent business should stand not on the whims and distractions of a fee schedule but rather on the ideal benefits of comprehensive care balanced by the patients' needs and desires. Dentistry can be a challenging and thankless business, but it doesn't have to be. Through complete and comprehensive diagnosis, there is an amazing world of thank-yous and hugs and tears that our patients bring to us, but only when we can change their lives. The Core I program at LVI is the first step on that journey.

That's why when you call, we will answer the phone, "LVI, where lives are changing daily!"

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NSK Dental introduces 'dentistry's most powerful air-driven handpiece'

New cartridge design improves durability; smaller head sizes enhance operational visibility

Both the Ti-Max Z900L (pictured) and Z800L series feature ergonomic, solid titanium bodies and NSK's new DURAGRIP coating, which makes the handpieces easy to hold even when wet. The handpiece body also features a notch for resting the thumb and index finger for maximum leverage.
Photo/Provided by NSK Dental

Dental equipment manufacturer NSK Dental LLC has launched what it describes as the dental industry's most powerful air-driven handpiece, the 26-watt, standard head Ti-Max® Z900L series. The company is also launching the 23-watt, miniature-head Ti-Max Z800L series.

"This is our biggest new product launch ever, as the Ti-Max Z900L is the first air-driven handpiece in the history of the dental industry that delivers 26 watts of power," said Rob Gochoel, sales and marketing director for NSK Dental.

"This unprecedented torque reduces treatment time and provides remarkably smooth handling because of the high power output and a unique new turbine design," Gochoel said. "Equally impressive, the unprecedented 23 watts of power delivered by our new Ti-Max Z800L miniature head series exceeds the power delivered by most standard-head handpieces that are on the market today."

ODA BOOTH NO. 1910

According to the company, both the Ti-Max Z900L and Z800L series feature a new cartridge design to dramatically improve durability — and have smaller head sizes to enhance operational visibility. They also feature cartridges that can be replaced chairside to save time and maintain practice productivity.

Both series feature ergonomic, solid titanium bodies and NSK's new DURAGRIP® coating, which makes the handpieces easy to hold even when wet. To further enhance ergonomics, the handpiece body features a notch for resting the thumb and index finger for maximum leverage. A Quattro (4 port) water spray and 2.5-year warranty — NSK's longest ever — complete the offering. Multiple back-end types are available to fit most competitive couplers, including Kavo and W&H.

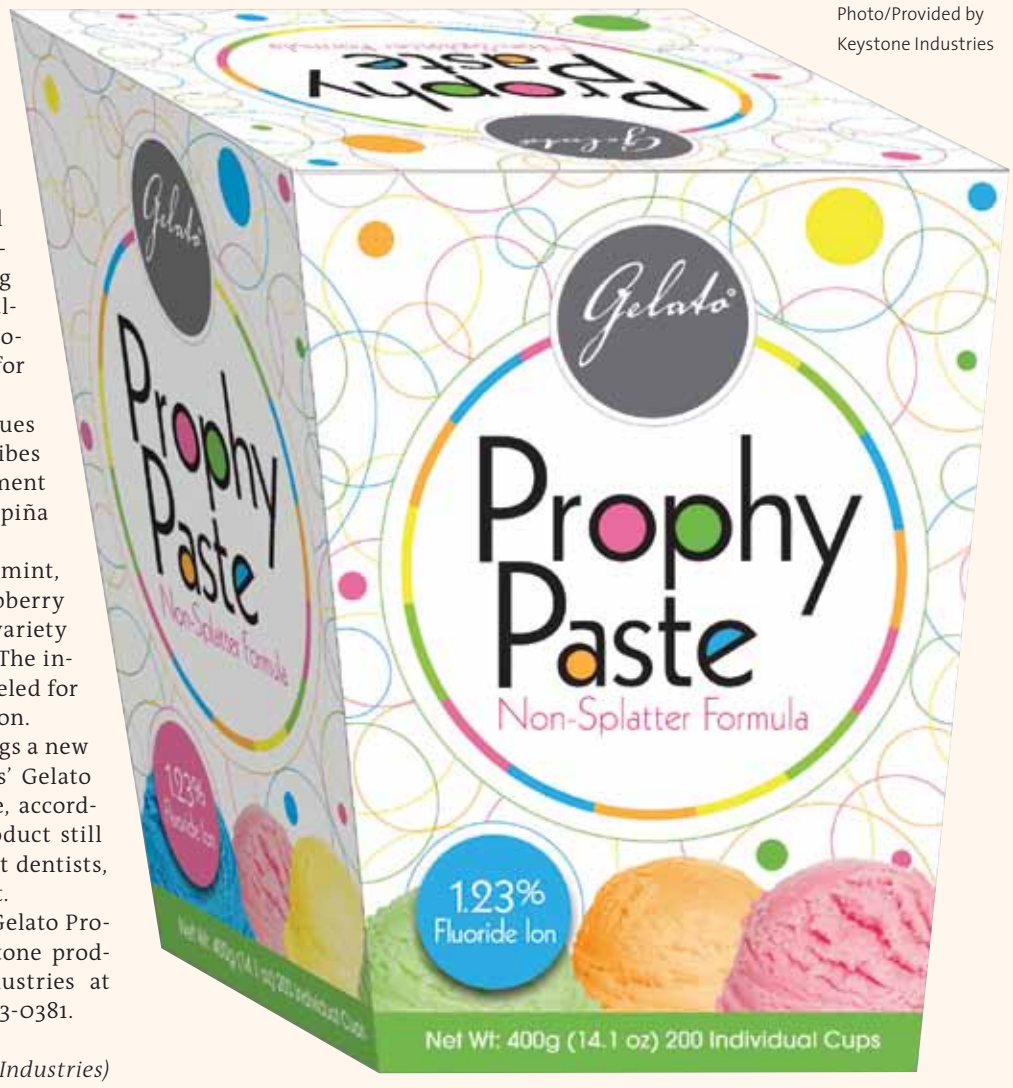
As with NSK's other air-driven and electric handpieces, 100 percent of the Ti-Max Z900L and Z800L series' components are engineered, manufactured and assembled in house at NSK's factory in Kanuma, Japan, to ensure quality and reliability.

NSK Dental is the North American subsidiary of Kanuma, Japan-based Nakanishi Inc. and is located in Hoffman Estates, Ill. Additional information about the Ti-Max Z900L and Z800L series, as well as other NSK Dental products, can be found at *www.nskdental.com*.

(Source: NSK)

Keystone's Gelato gets new look

Diverse choice of flavors includes piña colada, orange sherbet, mint, cherry, bubble gum and raspberry



Photo/Provided by Keystone Industries

Keystone Industries' award-winning Gelato Prophy Paste is getting a fresh look for 2014: new packaging outside, with the same popular paste inside.

After receiving back-to-back "Top Prophy Paste" awards in 2013 and 2014, the Gelato Prophy Paste is getting a facelift.

The product is opening the year with packaging featuring a new design that still displays the attributes of Gelato Prophy Paste, but has what the company describes as "an updated and fresh look."

Diverse flavours and splatter-free

Keystone's paste is known for its diverse flavour options and splatter-free formula.

In 2013, the paste received a 91 percent clinical rating. Forty percent of consultants found Gelato Prophy Paste better than other prophy pastes they had used, and 43 percent found it to be equivalent. Sixty-three percent of consultants reported they would switch to Gelato Prophy Paste, and 80 percent said they would recommend it.

Reviewer comments included "easy to rinse" and "patients liked the flavour variety." One tester said the paste "does not feel gritty in the mouth." According to the company, these qualities reflect what dental professionals and patients look for in a prophy paste.

Keystone Industries continues to put forward what it describes as being the largest assortment of Gelato flavours, such as piña colada and orange sherbet.

The paste line also has mint, cherry, bubble gum and raspberry flavours to provide a wide variety of options for picky clients. The individual cups are clearly labeled for quick retrieval and application.

So while the new year brings a new look for Keystone Industries' Gelato Prophy Paste on the outside, according to the company the product still provides the same paste that dentists, hygienists and patients want.

For more information on Gelato Prophylaxis Paste or any Keystone products, contact Keystone Industries at (800) 333-3131 or fax (856) 663-0381.

(Source: Keystone Industries)

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