A recently released National Center for Health Statistics (NCHS) data brief details the results of the National Health and Nutrition Examination Survey (NHANES) 2011–2012. The survey is co-sponsored by the Centers for Disease Control and Prevention and the National Institute of Dental Craniofacial Research.

Data from the NHANES 2011–2012 indicates that approximately 91 percent of adult Americans between the ages of 20 and 64 have dental caries. The high prevalence of the caries underscores the importance of preventive oral health care, according to the American Dental Hygienists’ Association (ADHA).

“This report reinforces the need for greater attention to prevention as it relates to oral health,” said ADHA President Kelli Swanson Jaacks, MA, RDH. “Effective strategies for assessing caries risk and management are well-documented in current scientific literature, and yet the condition remains prevalent and is even increasing in vulnerable populations.”

The NHANES 2011–2012 focused on age and ethnicity as related to incidence of caries, presence of untreated caries, retention of all permanent teeth and complete edentulousness.

Findings included that while the adults most likely to experience caries are non-Hispanic white, the ones most likely to have untreated caries were Hispanic or non-Hispanic black. Non-Hispanic black adults were also the most likely to be edentulous.

“People are living longer,” said ADHA Executive Director Ann Battrell, MSDH, “and the factors that affect oral and overall health are becoming increasingly complex as the American population ages. The information from this data brief allows oral health-care providers to use an evidence-based approach to preventive oral health care and disease management. Our collective efforts can improve the public’s overall health and quality of life.”

New report from NCHS emphasizes need for improvement in preventive oral health care
Turning decay into art

A trip outside becomes a good reminder not to lose sight of what we do on a daily basis

By Patricia Walsh, RDH
Editor in Chief

Earth Day this year coincided with some of the best walking weather New York City has seen in a very long time. I was lucky enough to have been out of the office and up on an elevated park called The High Line. Once a stretch of railway designed to bring produce and other goods into the city, it is now a diverse landscape of natural beauty. Even on the hottest day, soft breezes flow up from the nearby Hudson River. It took about 10 years from conception to completion.

The dream of turning an abandoned railway into a public park, instead of tearing the structure down, was spearheaded by the Friends of the High Line (www.thehighline.org). Around 2000, a rail system sitting unused for decades had become highline.org by the Friends of the High Line (www.thehighline.org). Around 2000, a rail system sitting unused for decades had become

grassroots community effort has turned decay into beauty. Unless you know the history of the park, you might not see the big picture. We as dental professionals can lose sight of the fact that what our dental team is routinely and actively accomplishing? Once the High Line project started to take shape, the entire Western edge of Manhattan enjoyed a rebirth. How many times have we heard of patients who restore one area of their mouth with an implant and then become motivated to continue with more treatment? You develop the patients’ trust, you develop the patients’ trust, they make up their own mind to do the right thing. They become motivated to start their own “beautification project” and come in for regular recare appointments.

Today was a day to pause and reflect on interdependence, interconnectedness on a global scale. I couldn’t help but think of how it applies to my own worklife on a day-to-day basis. The diversity of the languages you hear among New York tourists is always entertaining. We pretty much all dress alike among New York tourists is always entertaining. We pretty much all dress alike.

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see an article about in Hygiene Tribune? Let us know by emailing feedback@dental-tribune.com. We look forward to hearing from you!

If you would like to make any change to your subscription (name, address or to stop), please send us an email at: mktg@dental-tribune.com with your request. You may also call us at (212) 244-7181.

We look forward to hearing from you!
By Crosstex Staff

By OSAP, CDC and ADA standards, to be considered safe, drinking water cannot exceed 500 colony-forming units (CFU/mL). Unfortunately, in many dental offices, non-compliant water can contain more than 100,000 CFU/mL because of the accumulation of biofilm in water lines. Excessive biofilm accumulation in dental water lines compromises hygiene and may present an infection-control risk.

Providing clean and safe water is the standard for Crosstex® DentaPure® dental-unit water-line cartridges — an advanced clinical water treatment unit. Using the same technology licensed to NASA for ensuring safe water in space, DentaPure ensures that water consumed is treated to ensure microbiological water quality below 200 cfu/ml.

The cartridge contains iodinated resin beads, and 2 to 4 ppm of iodine is released as water passes through the resin matrix. The isotopic iodine is protein-free, so there is no risk of an allergic reaction.

DentaPure is available in two versions. The B series installs directly into the unit’s independent water supply bottle, and the M Series installs directly onto the chair’s municipal system. The unit is installed in just minutes with no maintenance required. It provides pure water for an entire year.

To install the bottle cartridge (DP365B), users:
1. Remove the dental unit’s water bottle from the manifold to reveal the bottle pickup tube.
2. Align the bottle alongside the pickup tube to ensure the DentaPure cartridge can attach to it with enough space to fit inside the bottle — leaving ¼ to ½ inch of space from the bottom of the bottle.
3. Once measured, cut the pickup tube and securely insert the included fitting.
4. Take off the white protective end caps and attach the cartridge to the fitting with a simple twist. Fill the bottle with water and return to manifold.

That’s it. There’s nothing else for users to do until the next year when end-users receive a reminder to replace their DentaPure cartridge.

On the subject of monitoring and Crosstex iodine test strips (TEST): Both cartridges (DP365B and DP365M) last for one year and no test strips are required during this period, but if a clinician wants to test to ensure iodine content is above 0.5 ppm, Crosstex iodine test strips can be purchased. It is important to note that both DP365 cartridges treat 240 liters of water, so if users run more water through the cartridges, they should use the iodine test strips to ensure that the iodine content exceeds 0.5 ppm. It is recommended to test every 20 liters after the 240.

Here at the ADHA
Learn more about DentaPure in the Crosstex booth, No. 707. In addition, attend the DentaPure product presentation this morning. Presentations begin at 10 a.m., with Crosstex scheduled at 10:38 a.m. (times are approximate). Presentations are 10 minutes long.

Photo/Provided by Crosstex

AD

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Mini-sized tips can improve maintenance

By LM Dental Staff

The clinical challenge: Instruments (tips) intended and used for implant maintenance are too bulky, especially in cases when patients have healthy, tight tissue around the implants.

Proposed solution: ErgoMix Mini Implant Instruments from LM-Dental.

Reasoning supporting the solution: According to LM-Dental, dental practitioners were frustrated with the tip sizes of implant hand instruments. In response, LM designed a series of titanium implant instruments with mini-sized tips.

These LM ErgoMix implant instruments are made of softer-than-standard titanium alloy that is gentle on implants yet effective for calculus removal. ErgoMix implant instruments also feature replaceable tips and large diameter (12 mm) silicone surfaced handles that, according to the company, improve comfort.

The ErgoMix replaceable tip mechanism is engineered so no tools are needed to change the tips. That means there is no wrench tool to lose — guaranteed. The tips line up perfectly to the handles, making ErgoMix technology the 21st-century version of the outdated cone-socket system, according to the company.

The implant series includes four instrument patterns, available as a kit or purchased individually.

Here at the ADHA
Check out LM-Dental’s ErgoMix instruments at the booth, No. 623.

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For more than 100 years, DENTSPLY has been supporting hygienists worldwide in their profession. The company’s trusted and comprehensive range of anesthetics enables dentists and hygienists to start every procedure right. DENTSPLY Pharmaceutical ensures quality at each step of a product’s journey — from collection of active molecules all the way through to when packages arrive at your office.

All cartridges are twice sterilized, visually inspected for defects, mylar-pack labeled to restrain the individual pieces in case of a break and color coded as per industry standard ADA system.

Here at the ADHA
Check out all of DENTSPLY Pharmaceutical’s products at the booth, No. 601.
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- Large powder chamber capacity (13g)

Standard kits include two nozzles, air polishing body, two powder chamber caps, cleaning files, O-rings (cap, powder and water) and prophy powder (3 oz, 85 g sample).

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The TurboVue™ Illuminated Magnetostrictive Ultrasonic Scaler provides excellent visibility when scaling all areas of the oral cavity. It features a light source built into the handpiece, allowing a significant amount of light to emit through the 30K, light-transmitting ultrasonic inserts. Whether it’s the distal of a second maxillary or mandibular molar, a furcation or a deep lingual pocket you’re trying to access, the TurboVue will illuminate even the toughest corners ensuring that you won’t miss anything. Plus, the light reduces strain on the operator’s eyes. No more squinting or messing with the overhead lamp or loupes.

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www.keystoneindustries.com
Taking retail health care into the cloud

By Sikka Software Staff

Sikka Software, backed by Sierra Ventures and ATA Ventures, is revo-

lutionizing the retail health-care industry via its platform cloud, ana-

lytical tools, apps and big data leadership.

Sikka Software offers software tools to help optimize busy practices in the dental market in the United States and Canada. With 32-plus Ecosystem Apps and more than 14,000 installations, the company is experiencing strong growth and market presence in the retail health care big-data space.

The Sikka Ecosystem continues to expand as its international network grows with respect to consultants, patients, manufacturers, medical device products, financial service providers and other cloud-based SaaS solutions.

One of the Ecosystem Apps is Patients Home Page®, described by Sikka as a patient-portal solution with full communication services, campaigns, reminders, payments, insurance and appointment capabilities between you and your patients.

Patient Home Page gives patients secure access to check appointment schedules, request an appointment, examine statements and complete new patient forms.

The Patient Home Page built-in messaging system enables you to communicate better with your patients. Send your patients appointment reminders and electronic statements, and even text or email birthday greetings.

Patient Home Page gives your patients 24/7 access to your front desk, increasing your visibility and communication.

For more information, visit www.sikkasoftware.com or contact Geoff Martin at (408) 876-4040 or at Geoff.Martin@sikkasoftware.com.