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 present-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.

**Exhibit:**

**Photo/Provided** by Crosstex

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.
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. 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.

Obsessive quality control starts at molecular level

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 LM-Dental’s ErgoMix instruments at the booth, No. 623.