

# WE CARE ABOUT OUR PATIENTS' SAFETY

## Learn More About Our Commitment to Clean, Safe Dental Treatment Water

### COULD THE WATER USED DURING MY DENTAL VISIT BE HARMFUL TO ME?



Have you ever thought about the water used during your dental procedures? During a dental treatment, water flows through a long length of extremely narrow tubing to reach many of the instruments used by your dentist or dental hygienist.



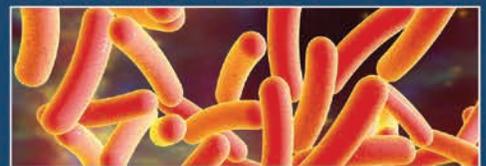
The narrow, wet environment inside this tubing is an ideal environment for waterborne bacteria and other potentially dangerous organisms to thrive. As water flows through, it carries these microorganisms, which can build up on the walls of the tubing over time.

If left untreated, these microorganisms can break off, causing a transfer of bacteria to patients.



### AILMENTS CAUSED BY WATERBORNE BACTERIA

#### LEGIONNAIRES' DISEASE



*Legionella pneumophila*

#### PNEUMONIA



*Pseudomonas aeruginosa*  
Credit: CDC / Janice Haney Carr

#### RESPIRATORY AND SOFT TISSUE INFECTIONS



*Nontuberculous Mycobacteria (NTM)*

## HOW IS MY DENTIST ENSURING MY SAFETY?

Your safety is our first priority. To protect your health, our practice uses DentaPure® cartridges for dental unit waterline treatment on each of our dental units (dental chairs).

*So my dental office is treating their dental unit water with DentaPure® cartridges. What does this mean for me, and how does it work?*

The DentaPure® cartridge **reduces bacteria in dental unit waterlines** to a level that meets or exceeds the standard set by the Environmental Protection Agency (EPA) and the recommendations put forth by the Centers for Disease Control (CDC) for **safe drinking water**.



## DID YOU KNOW?

The same technology used to develop the DentaPure cartridge is used by NASA to ensure that water consumed in space contains safe levels of bacteria, viruses and other harmful organisms.



## THE TECHNOLOGY BEHIND THE DENTAPURE® CARTRIDGE

The DentaPure cartridge is attached to the waterlines feeding into the dental unit equipment.

As water passes through the cartridge, a small amount of iodine is released into the water.



This non-allergenic iodine\* reduces the bacteria in the waterlines to deliver clean, safe water to you during your dental procedure.

\*The elemental iodine in the DentaPure cartridge contains no allergenic proteins. People are not allergic to iodine; they are allergic to the protein sometimes attached to it! Iodinated water is completely safe for you to ingest!

LEARN MORE AT [CROSSTEX.COM/DENTAPURE](http://CROSSTEX.COM/DENTAPURE)



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A product of **Crosstex**  
**DentaPure**  
Clean Water. Clear Choice.™

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All claims made based on use with potable water.

<sup>1</sup>Schabelman E., Witting M. The relationship of radiocontrast, iodine, and sea food allergies: a medical myth exposed, J Emerg Med. 2010 Nov; 39(5):701-7. doi: 10.1016/j.jemermed.2009.10.014. Epub 2010 Jan 4.

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