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Technical Guideline

Waterline Maintenance

TG-NP-0005

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PURPOSE

Due to the miniature nature of the valves and components inside the ASI dental delivery system, proper waterline maintenance is an imperative to protect the longevity of the system and to prevent common water related issues.

PARTS RECOMMENDED

- Water System Disinfecting Cartridge DP365B (PN 95-0281)

TOOLS REQUIRED

- None required.

To order additional cartridges or replacements, please order online at <http://asimedical.net/store/> or call Customer Support at 800-566-9953.

WATER SOURCE

Purified or drinking grade water that is low in mineral content should be used to prevent mineral deposit build up and potential clogging in the system.

WATERLINE DISINFECTION

Using clean water alone is not a complete solution for proper waterline maintenance as biofilm can still form and grow inside the miniature dental line tubing.

There are many products for waterline disinfection including water tablets and shock treatments. However, these products require daily staff time to administer and tablets can leave particles inside the waterlines that can clog the valves or make disinfection ineffective. Some tablets or chemical solutions can also cause corrosion in the system and/or handpieces and void their warranty.

ASI recommends using the water disinfecting cartridge called DentaPure DP365 to prevent biofilm formation in the waterlines.

A DentaPure DP365 cartridge attaches directly to the pickup tube in the water bottle to maintain disinfection of the water that flows through the dental unit tubing. The cartridge does not have harsh chemicals that can corrode the system and it lasts an entire year without requiring any daily staff time to administer. Monthly shock treatments are not required.

Additional information is available in the article, "Disease Transmission Through Dental Unit Water: An Update" in the ADA Professional Product Review, *A publication of the council on Scientific affairs* (2014), Volume 9, Issue 2, pp 8-17.