Shocking Dental Unit Waterlines

With Liquid Ultra Solution when a DentaPure Bottle Cartridge is Installed

Dental Water Management

Dental unit waterlines must not be shocked with a DentaPure™ Cartridge in place.
If it happens, use iodine test strips (Crosstex item# DPTEST) to determine the presence of iodine above 0.5ppm, or replace the cartridge.

1. Remove

- Remove the DentaPure™ Cartridge from the luer fitting by turning it clockwise. The luer fitting should remain attached to the pick-up tube.
- Place the cartridge in a zip-top bag labeled with the operatory number and initial cartridge installation date if known, but **DO NOT DISCARD**.



2. Install

- Install the non-functional DentaPure™ Cartridge demo unit onto the luer fitting on the pick-up tube.
  - Take note of the "Non-Functional Demo Unit Only. Not for Use in Dental Facilities" etching on the non-functional DentaPure™ Cartridge demo unit and the absence of a filter inside the end cap.



3. Clean/shock lines with Liquid Ultra™ Solution night one

- Follow the Liquid Ultra™ Solution Directions for Use for initial start-up treatment and application instructions. (see reverse side).



4. The next morning, after Liquid Ultra™ Solution has been completely flushed out of the system

- Remove the non-functional DentaPure™ Cartridge demo unit from the luer fitting.
- Remove the functional DentaPure™ Cartridge from the zip-top bag and re-install.
  - Ensure that you are re-installing the functional cartridge by looking for the presence of the filter in the end cap.
- Operate dental unit instruments until all air is purged from the water system. Resume system use.



5. Liquid Ultra™ Solution use nights two and three

- Follow steps 1-4 for nights two and three to complete the Liquid Ultra™ Solution required consecutive three-night initial start-up treatment.
- Refer to the **Liquid Ultra™ Solution Instructions for Use** for Precautionary Statements, Directions for Use, Disposal, and Troubleshooting.

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All Liquid Ultra™ Solution use requires a consecutive three-night initial treatment protocol[1]

Follow the steps below before initiating any ongoing use of Liquid Ultra™ Solution.

Night One:

1. Combine
Add one bottle Liquid Ultra™ Solution 1 and one bottle Liquid Ultra™ Solution 2 into an empty external dental unit water bottle and swirl to combine. Do not use PET bottles.[2] Once mixed together, solution must be used within 24 hours.

Bottle 1 | Bottle 2 | Swirl To Mix



2. Run
Run mixture through the system into a sink[3] or container until the pink solution appears at the end of each air/water syringe and handpiece lines. Depending on the number of lines in the unit, there may be residual solution in the bottle. *Always remove the handpiece.*

- It may be advisable to remove coupler depending on the type of coupler. Contact manufacturer for specific recommendations.



3. Wait
Allow the Liquid Ultra™ Solution mixture to remain in the lines overnight. Place the ends of water lines into a sink[3] or container in case any pink mixture drips overnight. Flush.

Note:
Do not allow the Liquid Ultra™ Solution mixture to remain in the lines for more than 24 hours.

The Following Morning:

4. Flush
Flush any remaining Liquid Ultra™ Solution mixture from the bottle, through either the air/water syringe or handpiece lines, into a sink[3] or container until the external water bottle is empty.

5. Remove
Remove and rinse the external water bottle with water and then fill with water.

6. Flush
Flush each line (air/water syringe and handpiece lines) into a sink[3] or container until the water runs clear and the bottle is empty.







Nights Two and Three: Repeat Steps 1-6

Following the flush in step 6, resume routine patient and DUWL treatment for the day, or until you are ready to shock again (either remaining nights two and three, or weekly if Liquid Ultra™ Solution is your only DUWL treatment method).



⚠ DentaPure™ Cartridge Users:

Do not shock or run anything other than water through an installed DentaPure™ Cartridge. If your office protocol requires a periodic shock, contact Customer Support at 1-800-Hu-Friedy or care@hu-friedy.com.

This product is to be used in conjunction with regular testing of dental unit water. Testing frequency must comply with user's practice protocol. The manufacturer of the dental unit should be consulted before use of this product regarding compatibility of Liquid Ultra™ Solution with the dental unit.

Learn more at HuFriedyGroup.com

1) Refer to the Liquid Ultra™ Solution Instructions for Use for Precautionary Statements, Directions for Use and Troubleshooting available at Crosstex.com. 2) Do not use thin-walled polyethylene Terephthalate (PET) Bottles. We recommend either a high density polyethylene bottle with a minimum thickness of 0.08 inches or a high/low density polyethylene blend with a minimum thickness of 0.14 inches. 3) Liquid Ultra™ Solution is not an evacuation line cleaner and should be flushed into a sink not connected to an evacuation line.

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