

SHOCKING DENTAL UNIT WATERLINES

For complete instructions on shocking the dental unit waterlines, refer to the How to Shock Dental Unit Waterlines video available on the intranet: Clinical > Safety Resources > Dental Unit Waterlines.

<http://intranet.midwest-dental.com/menu.cfm?pid=2348&mid=2348>

Shocking of dental unit waterlines will be conducted using a diluted bleach solution of household bleach. Be sure to check the bleach label for the bleach concentration and follow the appropriate dilution recipe:

- 8% Bleach = 1 part bleach to 13 parts water
- 5% or 6% Bleach = 1 part bleach to 9 parts water

Instructions:

1. Remove the r bottle from the dental unit. If you are using a 'straw' system (DentaPure, etc) for treatment of the dental unit waterlines, install a dummy straw for the shocking procedure.
2. Using a measuring container (i.e. plastic cup), add 1 part bleach to the bottle.
3. Using the same measuring container, add the appropriate amount of water per the concentration of your bleach to the bottle.
4. Replace the bottle on the dental unit and run water through each waterline (air/water syringe, handpiece, power scaler, etc.) until you smell bleach, approximately 10 seconds. Because power scaler lines are longer, it may be necessary to run water through for up to 1 minute.
5. Allow solution to sit in the waterlines for no more than ten (10) minutes. Use a timer.
6. Detach the bottle and dispose of the remaining solution in the sink. **Never** dispose of the bleach solution through your evacuation lines.
7. Fill the bottle with warm tap water.
8. Flush each line for approximately two (2) minutes to remove bacteria and bleach from the lines.

