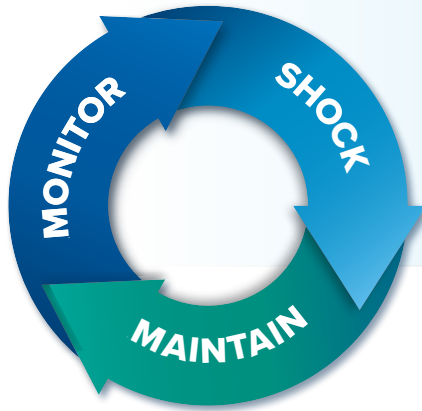


Waterline Maintenance & Monitoring

USER GUIDE



3 STEPS TO FULL WATERLINE CONTROL

MONITOR

WATERLINE TESTING

What to Test?

Water samples should be taken from water sources used during patient treatment: e.g. handpieces that use water as a coolant, air/water syringes, ultrasonic and/or piezo scalers and cuspidor cup fill. Water sampling is to be done with no attachments where possible.

When to Test?

Testing should be done one week after performing shock treatment. When performing the test it should be done at the beginning of the day; after the waterlines have been flushed with no attachments where possible.

Testing Frequency

Always follow the manufacturer's recommendations and instructions for use for the water delivery system when maintaining and shocking dental unit waterlines. As well as for all products, devices, and equipment used in the chair's water delivery system. In the absence of manufacturer recommendations, follow Germiphene recommendations for routine testing.

Routine Testing

Testing should be done periodically and on a regular schedule. Regulations may vary from province to province—ensure you are following the requirements of your province

Quarterly

- Test a minimum of one line/source of water in each operator
- Test the cuspidor cup fill in each operator
- Do not always test the same line/source in an operator. Ensure that all lines/sources in each operator are tested at least once a year.
- It is recommended to increase testing frequency to once a month during the warmest quarter of the year

Additional Testing

- Always test following installation of new equipment such as water reservoirs or procedural water treatment devices.
- Always test following initiation of new procedural water treatment protocols using chemical germicides or cleaners.
- Always test after extended periods of disuse, lack of maintenance and office closure.
- Always test whenever there is a noticeable change in water quality ie. brown water, odour, watermain repairs, boil water advisory.
- Always test following changes to manufacturer IFU or clinic protocols.
- Always test following maintenance or repair of dental units or devices.

“Fail” Water Test Results

- If the water test produces a “fail” result, perform a shock treatment and retest the line/source. Continue to shock and retest until the line/source produces a “pass” result.
- Temporarily increase the frequency of testing from quarterly to monthly for at least 3 months. After 3 consecutive months of “pass” results return to quarterly testing.

Unused waterlines: IFUs should include recommendations to block or disconnect waterlines that are connected to devices not currently in use such as low-speed handpieces, air/water syringes, and ultrasonic scaler ports to avoid creating “dead legs” that are inaccessible to antimicrobial agents and that will harbor biofilm and continuously re-contaminate the water system.

Confused about testing?

Take advantage of our webinars or book an in office session with your Germiphene Account Manager today!

germiphene.com/education

