

# BIOCLEAR WATERLINE TESTING DIP SLIDES

## SHOCK TREATMENT STEP BY STEP PROCESS



**STEP 1.** Remove cap/paddle from the tube, without touching the gel. Wear gloves to avoid false readings.

Note: It is important that the paddle NOT touch a surface as it will likely cause extra growth if the surface isn't clean. It's best to recommend asking someone to hold whilst you take the sample for an accurate reading.

**STEP 2.** Collect sample from all lines of the Dental Chair/ Treatment Unit to be tested, including the DA's Triplex, Slow Speed Motor, High speed line, Scaler line, Drs Triplex + Cup Filler (if applicable). Use one test per Treatment Unit.

Some other places that should be tested regularly: Air Flow units, filtered drinking water dispensers, and also the water from any water distillers or their storage bottles. You will need to use one test for each of these units.

**STEP 3.** Immerse the Dip Slide Paddle into the collected sample for about ten seconds. Pour out water. Replace in tube, seal firmly, use labels supplied to identify which treatment unit, date and leave at room temperature for 72 hours to incubate. Away from direct sunlight.

**STEP 4.** Upon return, review test samples and compare to the chart supplied.

Drinking Water Standards stipulates the potable standard is 500 cfu per millilitre. The guidelines refer to cfu count to be below 200 for compromised patients ie: the elderly, the young, and the ill.

The Dentisan Dipslides provide a clear pass/fail. The ideal result is a clear slide with No Red Dots. There is a slim margin of 1-2 dots for the total dipslide (we would recommend you re-test again in this instance). If red dots are present, you will then need to Shock Treatment the unit and re-test again.

### Guidelines for Infection Control in regards to Waterline Management:

- Flush lines for 2 minutes at the start of the day and for 30 seconds between patients.
- Take extra care during periods of non-use eg vacations and part time surgeries.
- Chemical water treatments minimise biofilm formation in dental unit waterlines.
- Water used on patients during treatment should meet potable water standard – Drinking Water Guidelines indicate 500CFU/ml.
- When treating immunocompromised patients – 200CFU/ml.
- Levels of microorganisms can be assessed using commercially available testing kits.

\*Copy extracted from [https://www.ada.org.au/Dental-Professionals/Publications/Infection-Control/Guidelines-for-Infection-Control/1ADA\\_GuidelinesforInfectionControl\\_3.aspx](https://www.ada.org.au/Dental-Professionals/Publications/Infection-Control/Guidelines-for-Infection-Control/1ADA_GuidelinesforInfectionControl_3.aspx)

The Bioclear Shock treatment is a safe to use, Neutral PH solution, it comes in a box of 12 pre-dosed bottles and coloured green so visible to the eye. One bottle will treat one unit. Pour entire bottle into water bottle.

Run the Bioclear solution through the lines until you see the green colour in its concentrated form, so all lines have been completely treated. Leave that in for 24 hours or over the weekend.

On your return, run clean water through the lines until clear, test with the strips supplied to check if all Shock Treatment has been removed.

Repeat Step 1 again until treatment unit passes.

Dentisan recommend using this solution as part of a weekly regime to remove weekly biofilm formation.

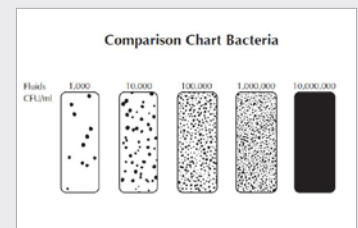
The 12 bottles can supply you with 12 weeks of solution, or if you'd like to draw out to a monthly maintenance scheme then 12 bottles will be 1 year's supply.

It is important to record your Waterline treatment process, testing, shocking and monitoring in your procedure's manual.

## Bioclear Dip Slides x 10 Slides Water Test

QD-DS026

- Dental Unit Waterline Microbial Monitoring
- 1 or less red spots = pass and two or more red spots = shock treatment required
- Simple to use
- Red spot system
- Results in 72 hours
- Clear pass or fail
- 10 dip slides per box



## Bioclear Shock Treatment

QD-DS025200

- Proven to remove biofilm
- Ready to use – no mixing required
- pH neutral
- Weekly treatment for DUWL cleaning
- Can also be used for quarterly purge of units with an in-line water treatment.
- Includes water test strips to ensure lines are free of Bioclear before use.

