

The Silver Story Ends With Omega

BACKGROUND

Water lines including those used in clinical areas such as dental chairs (DUWL) have been proven to contain a complex matrix of bio-film. Reports of patients being contaminated from the water used in the chair have been traced back to the said matrix.

Although many efforts have been made to address the problems associated with bio-film build up, very little, if any, success has been achieved. The patient or practitioner still runs the risk and the possibility, of becoming contaminated from microorganisms that may escape or be flushed from the bio-film build up.

Now, available to the dental industry is a concept visualised by Mr. William E. Briggs and brought to product viability by Omega International Pty Ltd.

HOW THE SYSTEM WORKS

The lines are fitted with an Omega Dental unit, which will gradually coat the bio-film contaminated lines with platelets of pure silver. The Omega Dental unit supplies minute amounts of silver to the water, allowing a continual coating process over the life of the lines. The concentration of silver allowed to be produced in the water is less than the allowable level of silver in drinking water (0.1mg/L) as set by N.H.M.R.C.

A Dental Health Service has installed and has used Silver Water Systems manufactured and supplied by Omega Water for more than ten years in over 40 Hospitals and Clinics across Victoria. All of the systems installed across Victoria, have provided trouble free, low maintenance treated water.

The systems installed have two filters and a further Pre-filter installed add low dose silver to the water, and reduces the level of dissolved solids and providing biocide free water with low bacteria levels. The benefits of the in-line system are continuous supply of water, reduced costs in chemicals and less time to flush or treat water lines in dental chairs as a part of daily routines.

The health service supported the use of Silver Water Systems in dental clinics and at the time endorsed Omega systems for their quality and reliability.

The combination of safe oxidation cleaning and silver colloid adhesion is cost effective and ultra safe. Which now includes a pre-filter.



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