

Dental Laboratory Asepsis IN THE LAB

INCOMING

One area of the lab is designated for receiving Impressions and Prosthetics

This area should have easily cleanable and disinfectable surfaces

Impressions and trays are sprayed with **BioSURF** - wait one minute - rinse lightly and pour model

Prosthetics are sprayed or immersed in **BioSURF** - wait one minute - rinse thoroughly - send to appropriate department

LAB benefits

Staff is **protected** from incoming disease

No toxic vapours or by-products for staff to breathe in

BioSURF has surfactants that act as an inexpensive **debubbleizer**

Because **BioSURF** is a friendly product, compliance is better

Ultrasonic bath - Use **BioSON** as a 1:15 Dilution to provide an antimicrobial cleaning solution. Baths that have been tested have exceeded 40,000,000 Colony Forming Units (CFU) of bacteria per mL. **BioSON** can kill even large quantities of pathogenic bacteria. Solution should be replaced when there is considerable debris, or if it becomes further diluted. Average is once or twice per week.

Pumice & Polishing - Use diluted **BioSON** instead of water to lubricate pumice.

Plaster Trap - At the end of each week, rinse expired **BioSON** solution down the trap. When the trap is cleaned, use **BioSURF** spray - wait one minute - wipe with disposable towels

LAB benefits

Staff is protected - Environment is protected with biodegradable surfactants

Plaster Trap **smells better**
Pumice will not grow molds or fungi

OUTGOING

One area of the lab is designated for **packaging & shipping** completed Prosthetics

Should have easily cleanable and disinfectable surfaces with **sink** for rinsing

Prosthetics are immersed in **BioSURF** - wait one minute - rinse thoroughly - place in special mailer bag

LAB benefits

BioSURF has ethanol that acts as a solvent to **extract residual monomer** from acrylics - less chance of monomer sensitivity in patient

Because **BioSURF** is a friendly product, compliance is better

Printed mailer bag increases Dentist **confidence** in Lab quality and care

Non - toxic nature of **BioSURF** is in sharp contrast to toxicity and irritation of skin by phenols or glutaraldehyde