



Protocol for **BioSON**[™] Use

One 100mL pouch of **BioSON** should be added to 1.5L of warm water in the Ultrasonic Bath (1.7 to 2 quart baths).

Set timer for 10 minutes.

REPLACE **BioSON** when solution appears dirty.

EFFECTIVE for up to **4** days.

Caution: Do not leave instruments in bath solutions overnight.

For larger cassette-type Ultrasonic Baths use **Super BioSON**. It has a dilution ratio of **1:30** or one 500mL pouch is enough to prepare 15 L of solution.

Helpful Tips

USE LEFTOVER SOLUTION IN the cuspidor, pumice tray, holding tanks and plaster traps to kill microbes.

USE AS A CHAIRSIDE PRE-SOAK for instruments to reduce risk prior to transporting to the sterilization area.

REPLACES other specific ultrasonic cleaners (tartar and stain remover, etc.).

PROSTHETICS (Dentures & Hearing Aids) in separate glass jar filled with **BioSON** gives double wave motion.

Frequently Asked Questions

*When do I change the **BioSON** solution?*

When the solution becomes dirty or every 2-4 days.

Why do I need a disinfecting solution for instruments that get sterilized eventually?

Generally, for the protection of staff, and

1. To reduce the infectious load between ultrasonic and sterilizer.
2. Instruments usually leave the ultrasonic more microbially contaminated than when they entered.
3. To prevent infection when nicked with a contaminated instrument.
4. To prevent growth of airborne bacteria and fungi that land in the bath.
5. When emptying the bath, contaminated solution can splash into sink, on to the counter or into eyes. With **BioSON** this can be avoided.
6. To prevent the discharge of **pathogenic** materials into the sewer system.

REMEMBER:

Microbes multiply exponentially, with the doubling times of 20-60 minutes, so that even a small number initially become out of control in 24 or 48 hours. As an example, doubling every 20 minutes: after 4 hours you may have 4,000 times more organisms.



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