

**Technical Bulletin:
Reducing Aerosols During Infection Control**

Use techniques listed below to apply cleaner/disinfectant products in “targeted” applications. The techniques listed reduce waste and reduce exposure to aerosols.

- Use squirt top caps to dispense **ProSpray™** ready to use (PSC240 or PSC128) or diluted **ProSpray™ C-60** (PSC60/48) liquid disinfectant. Squirt disinfectant directly on larger flat surfaces. Or squirt disinfectant onto paper towels or 4 x 4 gauze to apply to smaller surfaces and objects. This technique places more disinfectant where it is useful – on contaminated surfaces.
- Use **ProSpray™ wipes** (PSW) pre-saturated disinfectant towelettes. Most offices find towelettes more convenient for quick disinfection between patients and for electronic items such as digital radiographic equipment.
- Use a combination of liquid **ProSpray™** and **ProSpray™ wipes** presaturated disinfectant towelettes where appropriate. This approach will reduce overall aerosols, keep total disinfection costs reasonable, and meet the various disinfectant applications needed in a particular clinic. Use the same brand and chemical family of liquid and wipes to avoid “science experiments” during asepsis procedures.
- Use the “stream mode” of the spray head on the bottle. Most spray heads are adjustable from full aerosol to stream. The “stream” mode produces larger droplets that remain in the air a shorter time.
- Select products that provide methods to reduce aerosols: Certol packages all **ProSpray** products with BOTH spray heads and squirt tops – your choice. Disinfectants packaged in pressurized aerosol cans offer no choice.

Other methods to reduce chemical aerosols during infection control procedures:

- Make effective use of barrier products:
ProBarrier Tube Sox (BB-0312H) over handpieces, air/water syringes, evacuation line controls and similar equipment.
ProBarrier Chair Sox (BB-2930C) cover a wide range of equipment: patient chair backs including wide ADEC chairs, carts, x-ray tube heads, and electronic equipment.
ProBarrier 4 x 6 adhesive covers (BF-0406B) for handles and switches.
Dental equipment manufacturers recommend use of barrier products to protect chair upholstery and speed up treatment room turnover.
- Keep lids on ultrasonic devices during the cleaning cycle.