

In-Office Disinfection of Multi-Patient Use Diagnostic Contact Lenses

Gas Permeable

1 Place 3% hydrogen peroxide with GP lens in a non-neutralizing case.

2 Disinfect lens for 3+ hours.

3 Rinse GP lens with Multipurpose Solution (MPS). Pat dry, store dry.

Hybrid and Soft

1 Place 3% hydrogen peroxide with soft or hybrid lens in non-neutralizing case for 3+ hours.

2 Transfer soft or hybrid lens to a neutralizing case. Fill with fresh 3% hydrogen peroxide. Add neutralizing disc or tablet as recommended by manufacturer.

3 Neutralize lens for 6+ hours, or as directed by manufacturer.

4 Rinse soft or hybrid lens with MPS. Store in a disinfected case with MPS.

- Prior to disinfection it is important to clean the lens
- Multipurpose solutions are acceptable for rinsing.
- ISO recommends this process every 28 days for soft or hybrid diagnostic lenses if they have been opened and not re-used and subsequently re-disinfected in that time period.

These methods have been approved by the American Academy of Optometry Section on Cornea, Contact Lenses and Refractive Technologies and The American Optometric Association, Contact Lens & Cornea Section adapted from the Standard of the International Organization for Standardization (ISO); ISO 19979:2018(E).