

Altomed Ltd: Volk Lens Procedures.



NOTE: Only Volk lenses manufactured after April 1999 are STERIS compatible.

Cleaning, Disinfection and Sterilisation Procedures For Contact Lenses.

This document contains the recommended cleaning, disinfection and sterilisation methods for Volk contact lenses and adapters. Contact Altomed Limited regarding lens compatibility with other sterilisation systems and solutions, e.g. STERRAD

Cleaning Procedure:

Select and perform the type of cleaning that is needed:

Type A	Clean the entire lens using mild cleaning solution (diluted dish-washing liquid) with clean soft cotton cloth or swab.
Type B	Clean the anterior glass element with Volk Precision Optical Lens Cleaner (POLC).

CAUTION

To avoid lens surface damage, never clean the contact element with alcohol, peroxide or acetone.

Disinfection Procedure:

1. Follow the TYPE A cleaning instructions.
2. Select one of the solution types from the table below:

Solution Type	Concentration	Soak Time
Glutaraldehyde	2% Aqueous Solution	20 to 25 minutes
Sodium Hypochlorite (household bleach)	10 Parts water to 1 part Sodium Hypochlorite (5% Solution 5000ppm)	25 minutes
PeraSafe	16.2g PeraSafe to 1 Litre of tap water	10 minutes

3. Position the lens on its side, then immerse the entire lens in the selected solution type and concentration for the listed soak time.
4. Remove the lens from the solution and thoroughly rinse with room temperature sterile water, then dry with a soft lint free cloth.
5. Clean anterior glass element and the inside of the ring with Volk Precision Optical Lens Cleaner.

Sterilisation Procedure:

1. Follow TYPE A cleaning instructions.
2. Follow your standard Ethylene Oxide hospital sterilization procedures for aeration up to but not exceeding 130°F.

Cleaning, Disinfection and Sterilisation Procedures For Autoclavable Lenses.

1. Follow Type A Cleaning Instructions as above. IMPORTANT – Be careful - Ensure that excessive pressure is not applied or harsh materials are used as this may scratch the surface of the lens.
2. Ensure the lens is visually clean before sterilizing.
3. Autoclave using a standard 134°C (maximum 137°C) cycle with a 3 minute holding time – ensure lens is stood on its side to help drain and prevent staining on the glass.

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NOTE: Only Volk lenses manufactured after April 1999 are STERIS compatible.

Cleaning, Disinfection and Sterilisation Procedures For Non-Contact Lenses.

This document contains the recommended cleaning, disinfection and sterilisation methods for Volk non-contact lenses and adapters. Contact Altomed Limited regarding lens compatibility with other sterilisation systems and solutions, e.g. STERRAD

Cleaning Procedure:

Select the desired method of cleaning from the table below:

Method A	Clean the entire lens surface with Volk Precision Optical Lens Cleaner (POLC)
Method B	Clean with a mild cleaning solution (diluted dish-washing liquid) and a clean soft cotton cloth or swab.

Disinfection Procedure:

1. Follow the cleaning instructions for non-contact lenses.
2. Select one of the solution types from the table below:

Solution Type	Concentration	Soak Time
Glutaraldehyde	2% Aqueous Solution	20 to 25 minutes
Sodium Hypochlorite (household bleach)	10 Parts water to 1 part Sodium Hypochlorite (5% Solution 5000ppm)	25 minutes
PeraSafe	16.2g PeraSafe to 1 Litre of tap water	10 minutes

3. Position the lens on its side, then immerse the entire lens in the selected solution type and concentration for the listed soak time.
4. Remove the lens from the solution and thoroughly rinse with room temperature sterile water, then dry with a soft lint free cloth.
5. Clean both sides of the glass element and the inside of the ring with Volk Precision Optical Lens Cleaner.

Sterilisation Procedure:

1. Follow the cleaning instructions for non-contact lenses.
2. Follow your standard Ethylene Oxide hospital sterilization procedures for aeration up to but not exceeding 150°F.

CAUTION

To avoid product damage, never autoclave or boil lenses or adapters unless they are specified as being Autoclavable