



INSTRUCTIONS FOR USE

Autoclavable Shields

Suction Cup for Shield Insertion

1. Squeeze the suction cup with fingertips and place it over the apex of the shield.
2. Release the fingertip pressure to create the suction necessary to hold the shield for insertion.
3. Raise the superior lid to create a pocket and slip the shield under the upper eyelid, being careful to avoid patient's cornea.
4. Depress the inferior lid until the shield is in place.
5. Once positioned under the lids, squeeze the suction cup again to release the suction.

Repeat steps to remove shield upon completion of the procedure.

Shield with Handle Insertion

1. Grasp handle with fingertips.
2. Raise the superior lid to create a pocket and slip the shield under the upper eyelid, being careful to avoid patient's cornea.
3. Depress the inferior lid until the shield is in place.
4. Once positioned under the lids, release the handle.

Repeat steps to remove shield upon completion of the procedure.

Prior to use of corneal shield, and for comfort and safety of the patient, an ophthalmic topical anesthetic and ointment is recommended.

Cleaning Procedure for Shields after first use

- Do not use a brush, abrasive pads or cleaning agents as they may damage devices.
 - Check surfaces of device for scratches or nicks, discard if necessary.
 - Do not use alcohol as it may damage the devices.
1. Before sterilizing, devices should be rinsed under warm running water.
 2. Wipe devices with moist sponge or gauze pad to eliminate debris.
 3. Devices should be washed in a solution of water and neutral pH pre-soak detergent - DO NOT USE; CHLORIDE, STAIN REMOVERS, CHLORINE BLEACH, ENZYME CLEANING AGENTS, OR CLEANING AGENTS THAT CONTAIN ALKALIES.
 4. Devices should be cleaned by hand, ultrasonic cleaner, or automatic dish sterilizer.
 5. Rinse extensively with distilled water after manual cleaning and ultrasonic cleaning.
 6. Sterilize according to manufacturer's instructions.

Sterilization for Autoclavable Shields / Suction Cups

PLEASE NOTE: Shield / Suction Cups are sold as **NON-STERILE**
CAUTION: Do not process the autoclavable shield above 270° F as it may distort the shape or destroy it entirely. Do not flash the corneal shield / suction cups.



After use and prior to recycling, the devices must be washed with hot water and soap. To autoclave shield and silicone cup, use one of the methods described below. Package in an autoclavable pouch equivalent to the original Defend® pouch supplied.

- **GRAVITY DISPLACEMENT:** It is particularly important to refer to your manufacturer's instructions for operation, since exposure times can vary according to the design of the sterilizer being used. A typical standard for gravity displacement sterilization of the Autoclavable Corneal Shield / Suction Cups is achieved at 250° F or 121° C for 15 minutes at 15 psi followed by air drying at room temperature.
- **PRE-VACUUM STEAM STERILIZER:** It is suggested to consult your manufacturer's instructions for specific details of operation and processing times for plastic devices using the vacuum sterilizer.
- **ETO GAS STERILIZATION:** Use the standard of 16-hour sterilization process at 122° F (50° C) for 16 hours.
- **STERRAD® GAS PLASMA:** Low temperature Sterrad® Hydrogen Peroxide Gas Plasma process may be used to sterilize the autoclavable shield / suction cups. Follow the manufacturer's recommendations for sterilizing plastic devices which is normally 130° F (54° C) for 25 minutes.

Warning

- For all corneal shields, any scratch on the posterior surface or edges, or any pressure on the cornea during insertion or removal, may increase the risk of CORNEAL ABRASION, etc.
- Do not use forceps to remove corneal shields, as the shields will be damaged.
- Do not use any device that has been dropped accidentally without thorough examination of its condition.
- Do not use any device that is scratched or damaged. Corneal shields should not be left in place more than 60 minutes.
- Extended use after 20 autoclavable cycles is at user's risk (dispose if damaged).
- **Corneal shields are NOT intended for use during laser procedures.**



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