

# Iris Retractor

## Cleaning and Sterilization Instructions

Careful handling of titanium instruments will prolong the life and durability and the following guidelines should be followed:

The product is NON STERILE and should be cleaned and sterilized before each use.

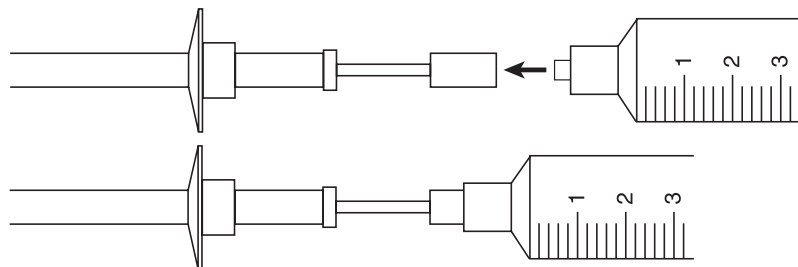
Cleaning – The Iris Retractor does not require any special cleaning solutions or procedures other than the Minimal Post Procedure Cleaning guidelines indicated. We recommend that the established surgical instrument cleaning procedure of your institution be followed using these instructions as guidelines. Thorough cleaning of the instrument immediately after use is essential.

### Minimal Post Procedure Cleaning

The minimal cleaning routine recommended is as follows and should be done post procedure without delay:

The Iris Retractor should be both flushed and dried using the syringe provided in three separate steps.

- 1) Fill the syringe with the appropriate substance (i.e. distilled water, alcohol or air).



- 2) Remove the black cap from the plunger and insert the syringe firmly into the luer lock of the plunger.
- 3) The instrument should be flushed thoroughly with distilled water.
- 4) Remove the distilled water by flushing the instrument through with alcohol to facilitate drying.
- 5) Blow one or two syringes of air through the instrument to remove most of the alcohol.
- 6) Clean the exterior of the instrument with a moist surgical sponge.

## Ultrasonic Cleaners

Ultrasonic Cleaning Equipment could also be used in the cleaning process, but not as the sole cleaning method. The instrument should, at the very least, be flushed with distilled water prior to being placed in the ultrasonic cleaner. To reduce or avoid endotoxin contamination, it is recommended to change the distilled water from the ultrasound cleaner after each and every use. The use of ultrasound baths and strong cleaning fluids (alkalis pH > 9 or acids pH < 5) can reduce the life span of products. The manufacturer accepts no liability what so ever in such cases.

A 5-minute cycle in the ultrasonic cleaner using a mild pH detergent should be sufficient. The instruments should not touch and must be secured on a silicone finger mat during the ultrasonic cleaning procedure. Special care should be taken to make certain that the tip of the instrument does not come into contact with the sides of the ultrasonic container, as this could damage the instrument.

After ultrasonic cleaning, steps 2 to 6 should be followed.

### Sterilization

Finally, the instrument should be sterilized for the next surgical procedure.

- a) Place the instruments in a protective tray.
- b) Do not allow the instruments to touch.
- c) Hospital approved procedures for moist heat autoclaving or ethylene oxide gas sterilization should be followed.
- d) **IMPORTANT** – These instruments contain plastic components. Do not use heat sterilization temperatures above 135° C. as the inserters may become damaged.

Due to variations in sterilization equipment and device bioburden in clinical use, we are not able to provide specific cycle parameters. It is the responsibility of each user to perform a validation and verification of the sterilization cycle to ensure an adequate sterility.

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