

OKULO MSICS - Extracapsular cataract simulator

PRODUCT NUMBER: 1696



DESCRIPTION:

The **OKULO MSICS** features a self-sealing, transparent cornea, a pigmented angle, a flexible iris, sulcus space and a compliant sclera, allowing multiple surgical scenarios to be performed.

The OKULO ANTERIOR SEGMENT receives MSICS **hard crystalline lens models** that can be snapped on a groove at the level of the ciliary body. The lens model completes the anterior segment and creates a **sealed anterior chamber** that can be filled with fluid or viscoelastic (models sold dry/visco not included).

A red dot is included with the ANTERIOR SEGMENT to simulate the **red reflex**.

The ANTERIOR SEGMENT is semi-reusable and replaced after a limited number of procedures depending on user skill and surgery performed.

SKILLS:

- Extracapsular extraction of the lens nucleus
- Instrument maneuvering skills

CHARACTERISTICS:

MORE THAN SIMULATORS S.L.

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LENS ASSEMBLY:

Surgical lenses allow capsulorhexis and lens expression maneuvers to be practiced. The lens can be replaced to re-use the ANTERIOR SEGMENT up to 3 times.

- To insert, align the LENS with the CILIARY BODY, orienting the ANTERIOR CAPSULE (shiny side) facing the iris.
- Gently tuck the ATTACHMENT ZONULE into the CILIARY BODY GROOVE. Engage one zonule sector first and then press around the entire zonule to engage 360 degrees.
- Lubricating the lens or ciliary body with water may help engagement. Press zonule lightly; Lens should be in CB GROOVE and not in CB SULCUS. Hold ANTERIOR SEGMENT by the SUPPORT RING when inserting the lens. DO NOT PULL/PUSH on the cornea!
- To remove the LENS, use the tip of a paper clip or blunt instrument to carefully slide the CB PROCESSES outward to leverage the lens from under the ATTACHMENT ZONULE.

SETUP OPTIONS:

The OKULO ANTERIOR SEGMENT can be used with different BIONIKO eye holders. The MINI-HOLDER is a basic and minimalist setup that simulates eye movement.

- Lubricate holder with fluid before inserting eye models.
- Fix the MINI HOLDER to a smooth surface by pressing downward to engage the suction cup. To remove the MINI HOLDER from the surface: lift the suction cup release tab. DO NOT pull from the MINI HOLDER body.
- Insert the RED REFLEX between the ANTERIOR SEGMENT Model and the MINI HOLDER.

INCLUDE:

- 1 Anterior Segment MSICS
- * Lenses sold separately
- 1 Storage box

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