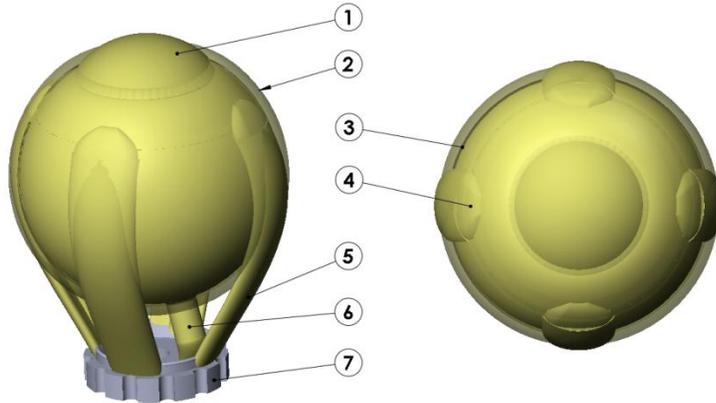


Watch an instructional video: www.youtube.com/user/BionikoDesign



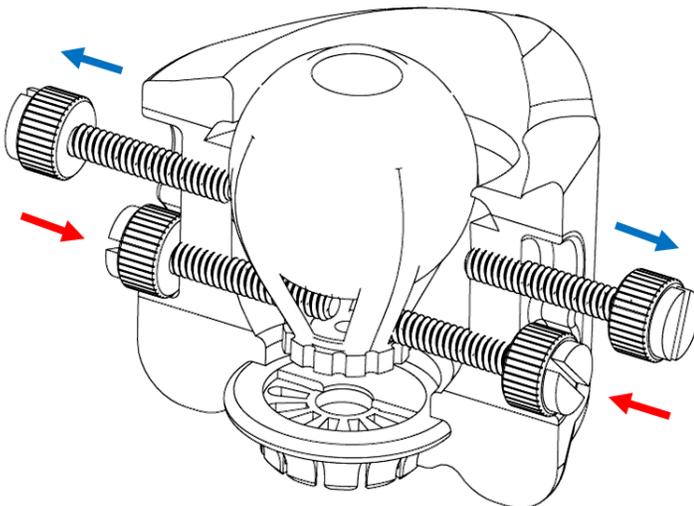
- 1- CORNEA
- 2- CONJUNCTVA
- 3- SCLERA
- 4- MUSCLE INSERTION
- 5- RECTUS MUSCLE
- 6- OPTIC NERVE
- 7- BASE

**To lubricate use water based lubricating gel/viscoelastic.
Do not use dry. Water and BSS are not recommended.**

**For suturing the model use monofilament suture nylon (Ethilon) or polypropylene (Prolene).
Do not use braided suture (Silk, PGA, Polyester, Vycril), as it may cheesewire the material.**

Setup with BIONIKO FLEX-ORBIT

Refer to the **FLEX-ORBIT** diagram instructions for use. This model does not require the use of the **FLEX-ORBIT** socket adapter.

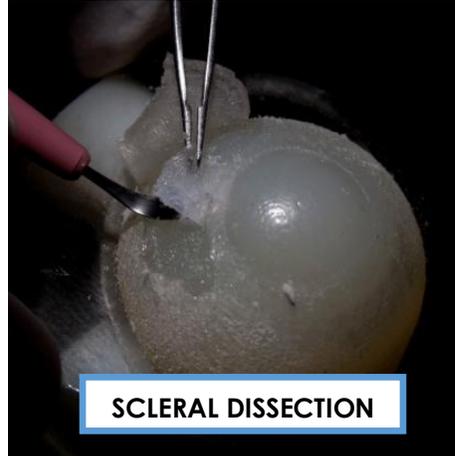
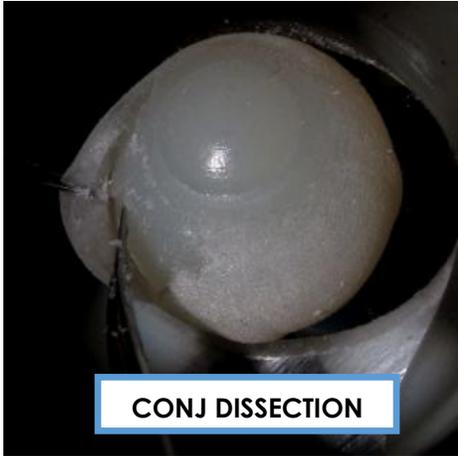


1. Open all the **FLEX-ORBIT** screws and lubricate cavity **FLEX-ORBIT** surfaces.
2. Insert the **OJOS** model with the OPTIC NERVE (6) on the nasal side. Lubricate the model.
3. Secure the BASE (7) of the eye model to the **FLEX-ORBIT** with the posterior screws. Confirm RECTUS MUSCLES (5) are positioned properly so the screws pass in between (see figure).
4. Keep anterior screws retracted. This allows for the **OJOS** model to move freely inside the **FLEX-ORBIT**, without restriction. This allows simulation of traction techniques with sutures or muscle hooks.
5. Proceed to perform surgical procedure. Once surgical task is complete, open **FLEX-ORBIT** screws and remove the **OJOS** model.

Lift the suction release tab to remove FLEX-ORBIT from surface. DO NOT PULL ON THE ORBIT!

Surgical Tasks

The **OJOS** model is an extraocular surgical simulator, with anatomical features, such as the CORNEA(1), CONJUNCTIVA(2), SCLERA(3), RECTUS MUSCLES(4,5) and the OPTIC NERVE (6). The **OJOS** model is not restricted to one specific task (like our **RHEXIS** and **KERATO** models), but it is rather a platform to demonstrate, practice and assess skills requiring dissection of extraocular structures, such as:



Instructions for care

Follow these recommendations to maximize the life of your models:

- Store in a **cool, dry** and **dark** place (a drawer will be fine). Extended exposure to some indoor lights or sunlight (UV) may affect material properties. Prolonged exposure to humidity or high temperatures may adversely affect material properties.
- Do not place **heavy objects** on top of the model's box. Prolonged compression may deform the models.

FAQ

- **Q:**How many times can I practice with the **OJOS**?

A: This is dependent on the procedure being practiced. Usually, for simple procedures such as trabeculectomies, a dissection can be performed on each of the 4 quadrants of the eye model.

- **Q:**Does the **OJOS** model have an actual anterior chamber?

A: The model does not have a "hollow" or fluid filled anterior chambers, but sharps (needles and knives) can be inserted into it. The model's vitreous and anterior chamber are filled with a fragile gummy material that helps keep the eye turgid but compressible without fluid. For "fluid" feedback when puncturing the sclera or when accessing the anterior chamber, inject fluid mixed with a dye in the model, close to the surgical area with a small gauge needle before starting. Fluid will accumulate between the sclera/cornea and the filler.

- **Q:**Can the model be used to simulate injections?

A:Yes, the model can be used to simulate some types of sub-conjunctival and trans-scleral injections.