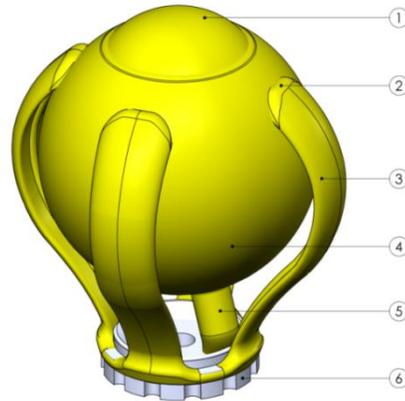


STRABISMUS

Model

INSTRUCTIONS FOR USE

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

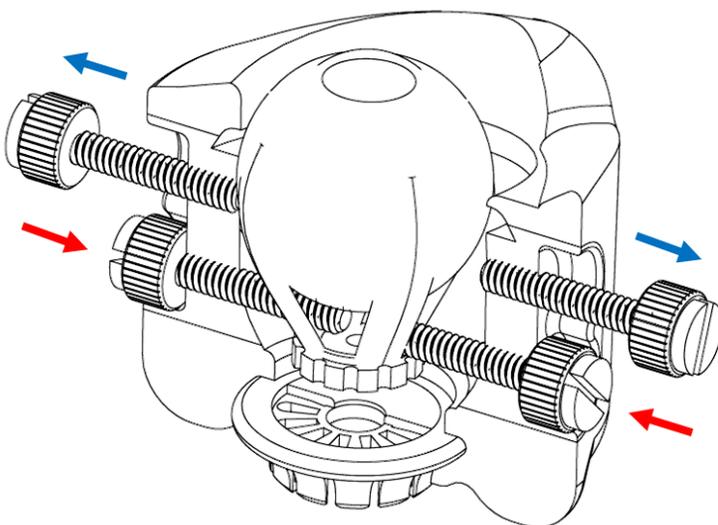


- 1- CORNEA
- 2- MUSCLE INSERTION
- 3- RECTUS MUSCLE
- 4- GLOBE
- 5- OPTIC NERVE
- 6- BASE

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

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

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

TIPS

- A sub-scleral injection of dye (food coloring) can be used to create a colored fluid layer under the sclera. If scleral suture is too deep, the dye will seep out when the sclera is punctured. This can be used as suture depth feedback.

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 can I use the **STRABISMUS** model if I don't have a **FLEX-ORBIT**?

A: **STRABISMUS** is best used with the **FLEX-ORBIT** since the model's base engages to the **FLEX-ORBIT** allowing for muscle traction. Other eye holders can be used, but it may lack functionality and realism.

- **Q:** How many times can I practice with each **STRABISMUS** model?

A: This is dependent on the procedure being practiced, but the **STRABISMUS** model has 4 rectus muscles on which to practice.