

ORBIT

Model



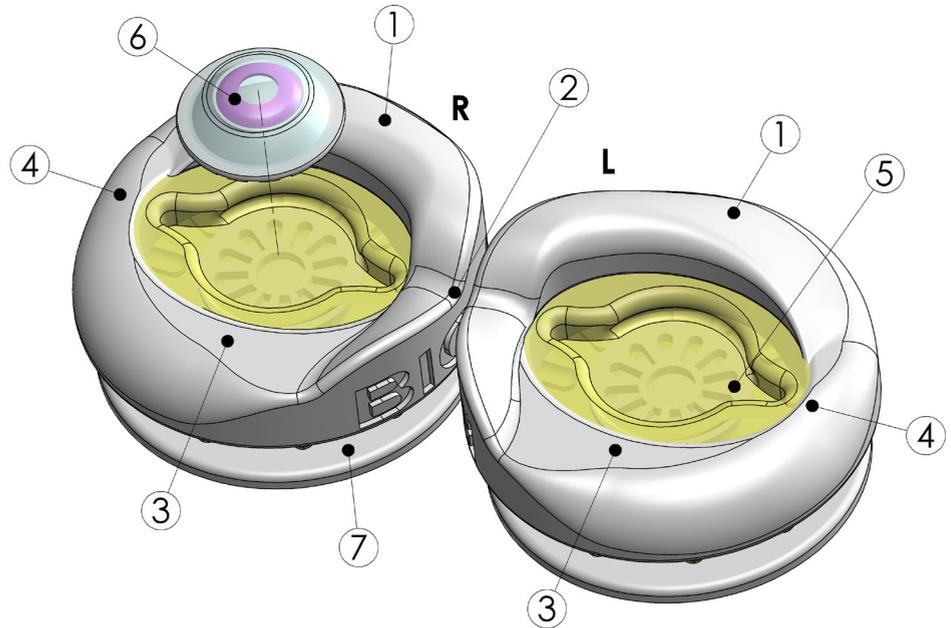
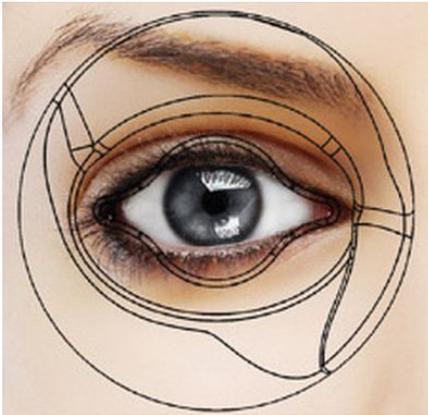
The **ORBIT** is the holder for all BIONIKO anterior segment models. It provides an anatomical frame of reference and adds realism to the surgical scenario by challenging the user to manipulate instruments according to the facial structures around the eye.

The **ORBIT** can be secured to any smooth surface (horizontal or vertical) with its integrated suction cup and will still retain a realistic degree of freedom that simulates head and eye movement.

There are right and left **ORBIT** models to practice all approaches: Right-Superior, Right-Temporal, Left-Superior and Left-Temporal

Pat. Pending

- 1 - BROW / SUPERIOR
- 2 - BRIDGE / NASAL
- 3 - ZYGOMATIC / INFERIOR
- 4 - TEMPORAL
- 5 - EYELID / SOCKET
- 6 - EYE MODEL
- 7 - SUCTION CUP

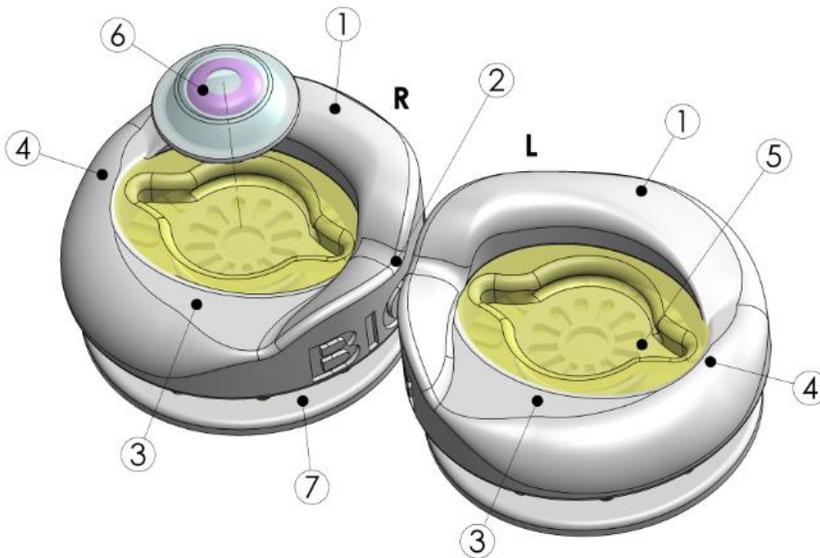


FEATURES AND BENEFITS

- Provides anatomical frame of reference to anterior segment models
- Practice superior (1) or temporal (4) approaches on both left (L) and right (R) eyes
- Suction-cup firmly attaches to any smooth surface while retaining realistic movement
- Compact and portable design

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

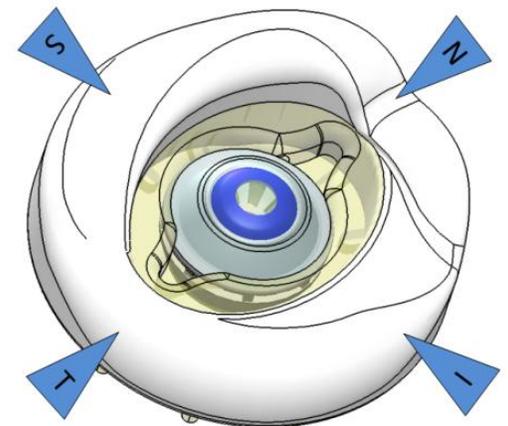
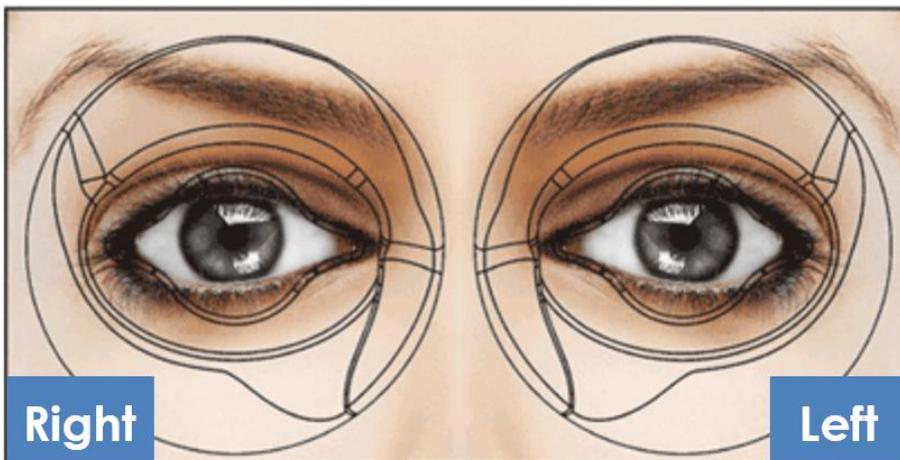
The standard **ORBIT** Eye Holder provides an anatomical frame of reference and adds realism to the surgical scenario by challenging the user to manipulate instruments according to facial structures around the eye.



- 1- BROW/SUPERIOR
- 2- BRIDGE/NASAL
- 3- ZYGOMATIC/INFERIOR
- 4- TEMPORAL
- 5- EYELID/SOCKET
- 6- EYE MODEL
- 7- SUCTION CUP

The **ORBIT** simulates the bony structure around the eye, including the nasal bones, the brow and cheekbone. The **ORBIT** has a flexible **eyelid/socket (5)** that receives and secures anterior segment models. The **ORBIT** can be secured to any smooth surface (horizontal or vertical) with its integrated **suction cup (7)** and will still retain a realistic degree of freedom that simulates head and eye movement.

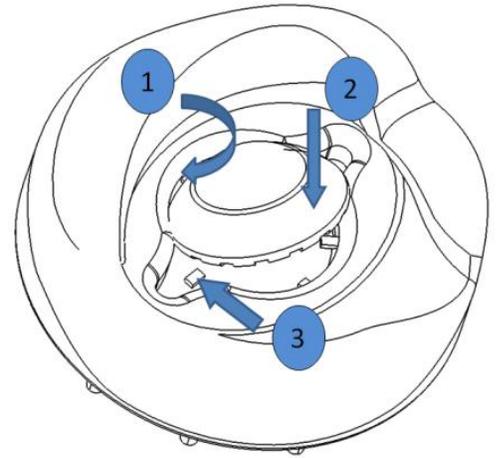
There are both right (R) and left (L) **ORBIT** models to practice all approaches: Right-Superior, Right-Temporal, Left-Superior and Left-Temporal.



Superior (S), Nasal (N), Inferior (I) or Temporal (T)

You will need: **ORBIT Model Eye Holder**, **anterior segment model** and water dropper.

1. Load- Use a couple of water drops to moisten the eyelid and socket area. Insert the edge of the model under the superior eyelid **(1)** and push the other side down into the socket **(2)** to load the model. Be careful not to damage delicate structures when inserting the models. Always press on the sclera.
2. Fix- Orient the **ORBIT** according to the desired approach. Fix the **ORBIT** in place by pressing downward on a smooth surface to engage the suction-cup.
3. Remove model- Once a surgery has been practiced, remove the used model from the **ORBIT** by inserting a closed instrument in either corner of the eye and leveraging the model out **(3)**.



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

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.
- To clean the **ORBIT** wash with water and anti-bacterial soap and air dry. **Do not use solvent based cleaning agents like: alcohol, bleach, etc.**

FAQ

- **Q:**How to remove the used models from the **ORBIT**?

A:To remove a used model from the **ORBIT**, insert a blunt object into either corner of the eye to reach behind the model (such as the handle of an instrument or closed scissors), and leverage the model out.

- **Q:**Why is the **ORBIT** not sticking to the surface?

A:The surface needs to be smooth and flat for proper cup suction. A surface such as a metal tray, glass, or smooth plastic are recommended. Porous or rough surfaces such as cloth, wood, paper should not be used.