

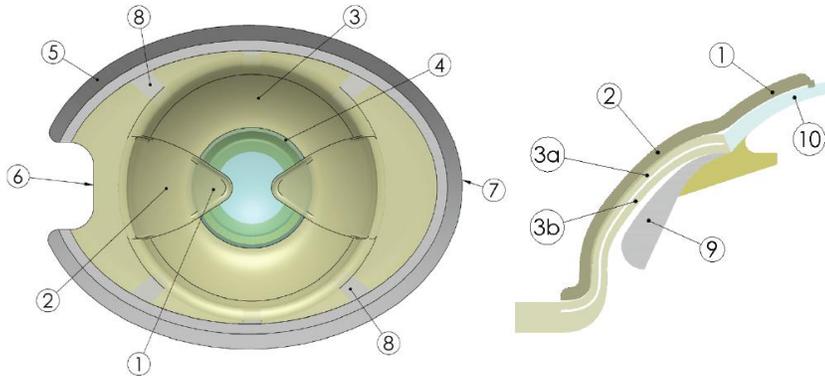
PTERYGIUM

Model



INSTRUCTIONS FOR USE

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



- 1 - PTERYGIUM HEAD
- 2 - PTERYGIUM BODY
- 3 - CONJUNCTIVA
 - a. BULBAR CONJUNCTIVA
 - b. TENON'S CAPSULE
- 4 - LIMBUS
- 5 - SNAP RING
- 6 - GAP (TEMPORAL)
- 7 - APEX (NASAL)
- 8 - STRUCTURE RIB
- 9 - SCLERA
- 10 - CORNEA

The model has bilateral pterygia allowing two simulations per model.

**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.



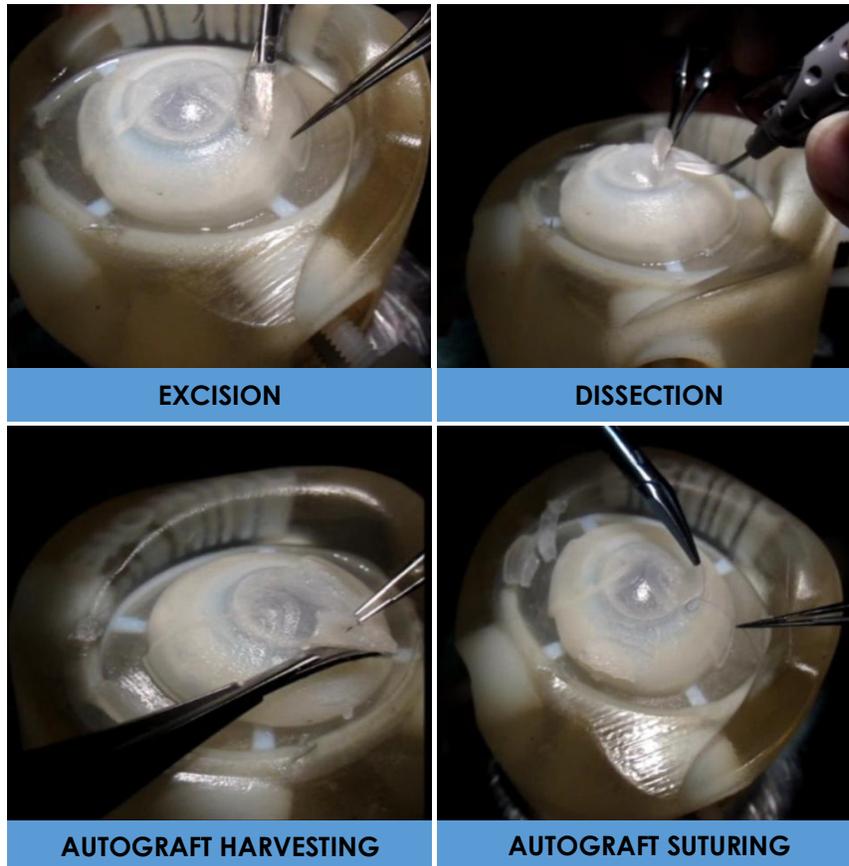
1. Lubricate the **FLEX-ORBIT** groove and the **PTERYGIUM MODEL** SNAP RING (5).
2. Orient the SNAP RING GAP (6) towards temporal side of the **FLEX-ORBIT**.
3. Insert the SNAP RING APEX (7) towards the nasal side of the **FLEX-ORBIT**. Lubricate the model.
4. Push the PTERYGIUM SNAP RING (5) superiorly and inferiorly into the **FLEX-ORBIT** groove. Adjust the SNAP RING (5) by manipulating the STRUCTURE RIBS (8) with forceps.
5. Position **FLEX-ORBIT** according to the desired approach (temporal, superior). Fix the **FLEX-ORBIT** in place by pressing downward on a smooth surface to engage the suction-cup.

Once surgical task is completed:

1. Remove used model by squeezing the **FLEX-ORBIT** in a temporal-nasal direction to create a gap; insert a blunt object under the SNAP RING (5) and leverage the model out.
2. **Lift the suction release tab to remove FLEX-ORBIT from surface. DO NOT PULL ON THE ORBIT!**

Surgical Tasks

Demonstrate, practice or evaluate dissection of the PTERYGIUM HEAD (1) and BODY (2); autograft sizing, dissection and harvesting; placement and suturing of graft over bare scleral bed.



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 **PTERYGIUM**?

A:The model has a bilateral pterygia allowing two simulations per model.