

SURGICAL PRACTICE SYSTEM

Training Guide

The Surgical Practice System gives you a realistic surgical experience so you can perfect the latest techniques in corneal transplantation. For additional resource and detailed video tutorials, visit eversightvision.org/sps.

Included supplies:

- Barron artificial anterior chamber (AAC)
- Latex iris
- Seating block
- Tying forceps
- 15ml BSS
- 3ml syringe (x2)
- 26g cannula
- Drape
- Gauze
- Surgical spears
- Surgical marker

Procedure

1. Fill one 3ml syringe with BSS.
Option: Fill second 3ml syringe with air.
2. Connect the 3mL syringe with BSS to the AAC's luer lok.
Option: Attach second syringe to the AAC and close the luer lok.
3. Disassemble the AAC.
 - 3.1 Remove the locking ring by twisting until loose and lifting up.
 - 3.2 Directly lift the tissue retainer to remove it from the tissue pedestal.
4. Using forceps remove the cornea from the viewing chamber and position on the seating block, epithelial side down.
 - 4.1 Connect the 26g cannula to the 15ml bottle of BSS.
 - 4.2 Add drops of BSS to fill the corneal well (up to/just over the limbus).
 - 4.3 Gently grasp the latex iris using forceps with the pupil facing down.

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Barron Artificial Anterior Chamber



Locking Ring



Tissue Retainer



Base