ASICO is pleased to introduce a new system which is modeled after the unique unit designed and utilized by Dr. James Aquavella for decades in his surgery and training of fellows. The newly designed set can accommodate a variety of corneal surgical techniques.

Cornea punch units are utilized by cornea surgeons to prepare donor tissues for a variety of surgical procedures. The punch unit is designed with ease of cleaning and sterilization in mind, simplicity, and to avoid the potential for mechanical failure. The punch set can be easily disassembled, sterilized, and stored.

The unique construction enables constant visualization of the donor tissue. The targeted base (tissue holders) facilitates centration, while precut groves to match each trephine diameter prevent bending and damage to both tissue and disposable trephine blade.

The matched set of trephine holders and bases are sized in 1.0 mm increments from 7 to 11 mm providing a number of options, which can be selected to match the pathology and specific surgical technique.

See through hole for visualization of the tissue during trephination

Trephine holder with see-thru hole ideal for centration- Designed for 7mm, 8mm, 8.5mm, 9mm, 10mm, 11mm
The trephine holder works hand-in-hand with the Aquavella Corneal Punch set:

• A unique trephine holder with a 3mm trephine is used to punch the donor tissue and create a centration point on the tissue

• Every tissue holder is designed with a 3mm metal stud to hold the punched donor tissue in place, such that the specific sized trephine can be used to achieve the final cut

• The trephine holders with the see-thru center assist in the process of trephination

The kit includes four instruments specifically designed to assist in initial or secondary keratoprosthesis surgery. A grooved donor spoon is useful in removing the donor tissue from the trephine base. A special fine toothed forceps for secure grasping to the prosthesis during assembly

In the set of instruments are a pair of angulated serrated rakes to enable stabilization of the implanted KPro during repair procedures