Barron Corneal Trephines

Barron Radial Vacuum Trephine for the recipient cornea

The Barron Radial Vacuum Trephine is designed for cutting the recipient cornea. It features a 360° suction chamber, divided into 16 compartments. By dividing the suction chamber, less corneal tissue is aspirated, thus reducing corneal distortion. The result is a consistently accurate, uniform and perpendicular cut. The 16 radial divisions leave a symmetrical pattern on the recipient bed for accurate alignment of sutures to minimize surgically induced astigmatism. These divisions may be inked with a sterile marking pen to be clearly visible for the duration of the surgical procedure. Fine cross hairs are provided for accurate alignment with the visual axis of the recipient. A precisely calibrated rotating mechanism allows the surgeon to advance the blade depth 0.25mm with each 360° rotation. Thus, the trephine is ideally suited for lamellar or penetrating keratoplasty.

<table>
<thead>
<tr>
<th>CAT. NO.</th>
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Each sterile, disposable trephine is supplied completely assembled and ready for use.
Barron Vacuum Punch
for the donor cornea
sterile, disposable

<table>
<thead>
<tr>
<th>CAT. NO.</th>
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The Barron Vacuum Punch features a solid stainless steel blade which is permanently mounted in a nylon housing. Four steel guide posts align with four corresponding holes in the cutting block base, automatically centering the blade over the donor cornea. The base of the punch features a circular groove for aspirating the epithelial side of the cornea, immobilizing it for cutting the button. The seating ring is used to ensure complete contact between peripheral cornea and aspirating groove for positive vacuum, so that a perfectly round button can be cut from the center of the cornea every time.

The cutting block well has four small holes which may be inked with a sterile marking pen to identify the four quadrants of the cornea for cardinal suture alignment in the recipient bed.

Barron Non-Vacuum Punch
for the donor cornea
sterile, disposable

<table>
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Barron Artificial Anterior Chamber

The unique design of this totally disposable Artificial Anterior Chamber allows the surgeon to safely position, secure and inflate the donor cornea so that the button can be cut from the epithelial side. By cutting the recipient and donor corneas from the same direction, a near perfect match is achieved.

Barron Artificial Anterior Chamber holds a (14-18mm) donor corneal graft sterile, disposable
To cut the donor cornea from the epithelial side.
K20-2125

Stainless Steel Base with anti-slip silicone feet autoclavable
For use with the Barron Artificial Anterior Chamber.
K20-2126

button cut from epithelial side

Katena Eye Instruments
Katena Trephine Blades
sterile, disposable

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Blades are compatible with most corneal donor button punches. Reusable see-through handles are available for recipient trephining.

Each unit is sealed into a space saving clear plastic tray and is supplied sterile.

**The Blade**

Katena trephine blades are machined from solid stainless steel rod to ensure they are perfectly round and dimensionally accurate. A computer controlled micro-honing process guarantees a perfect cutting edge every time.

**The Package**

Our innovative protective package design enables us to guarantee that you will have a perfect, ready to use trephine blade for every corneal transplant. Each blade is seated in a specially designed nylon holder and secured by a spring clip to protect it during storage and handling.

Quality without Compromise
Sinskey
IOL Manipulator
0.2mm diameter tip
sterile, disposable (bx/3)
K20-3800  straight
K20-3801  angled

Push-Pull
Manipulator
angled at 10mm
sterile, disposable (bx/3)
K20-3841

Rubenstein
Corneal Roller
9mm wide
sterile, disposable (bx/3)
K20-3845
Disposable Instruments

**Iris Retractor**
Flexible
sterile, disposable
K20-3890  set of 5
K20-3892  5 sets of 5

**Lacrimal**
Intubation Set
with retrieving hook
sterile, disposable (bx/3)
K20-3900

**Marking Pen**
Gentian Violet
sterile, disposable (pk/10)
K20-4500  fine tip
K20-4501  broad tip

Image courtesy of D.F. Chang, MD
**K-Sponge® Spears and Points**

K-Sponge is made from highly absorbent tightly compressed hydrocellulose material. It spontaneously absorbs fluid volume up to 20 times its own weight, yet will not expand in ambient room moisture.

**K-Sponge Spears and Points**

Hydrocellulose Sponge
- triangular shaped sponge mounted on fluorescent yellow plastic handle
- sterile, disposable
- packaged 10 sponges per pouch
- 20 pouches per box

- **K20-5000** spears (with handle)
- **K20-5005** points (without handle)

**K-Sponge II Spears**

Synthetic Sponge (PVA), lint free
- triangular shaped sponge mounted on blue plastic handle.
- *Recommended for corneal surgery.*
- sterile, disposable
- packaged 5 sponges per pouch
- 20 pouches per box

- **K20-5010**

**UltraKleen™ K-Sponge II Spears**

Prewashed Synthetic Sponge (PVA)
- developed specifically for LASIK surgery.
- *This dry expanded sponge is superb for tissue manipulation, retaining its rigidity when only the tip is moistened for soft tissue contact.*
- sterile, disposable
- packaged 2 sponges per pouch
- 20 pouches per box

- **K20-5012**

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*Quality without Compromise*
**Disposable Sponges**

**LASIK Eye Drains**

**Chayet LASIK Drain**
for nasally hinged flaps
Thin synthetic (PVA) sponge with a 10mm central opening.
*Used to prevent hydration of the stromal bed during laser ablation.*
sterile, disposable
packaged 1 drain per pouch
20 pouches per box
K20-5021

**Instrument Wipe and Corneal Light Shield**

Katena Instrument Wipes are sterile sponges for wiping delicate instrument tips during microsurgical procedures. When moistened, the non-shedding sponge becomes very smooth, soft and pliable.

A free Corneal Light Shield is included with each Instrument Wipe. When placed on the cornea, the moistened light shield prevents potentially harmful light rays from reaching the retina.

**Katena Instrument Wipe and Corneal Light Shield**
sterile, disposable
packaged one (1) wipe and one (1) corneal shield per pouch, 20 pouches per box
K20-5040