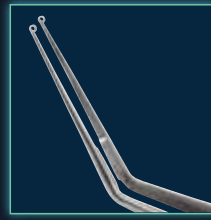


CORNEA PROCEDURE INSTRUMENTS

DMEK



A.



B.



C.



D.



E.

A. E3121 Straiko Twin Ring Forceps

Designed for the removal of the diseased Descemet's membrane from the patient's eye while avoiding any disruption to the stromal bed. The ring design on the tips provides excellent grasping of the fine membrane and avoids engaging stromal fibers that could promote graft detachments. Overall length: 82.55 mm, 3.2 inches.

B. E3127 Sáles Stripper Paddle

Double ended instrument featuring a standard Terry reverse Sinsky hook and paddle for Descemet's membrane removal. Both tips are shaped to easily fit through a 1.0mm side port incision. The curved tip of the paddle is designed to wipe the Descemet's membrane from the patient's cornea without roughening the underlying stroma. The textured surface of the tip is designed to engage the Descemet's membrane effectively in cases of Fuchs dystrophy or pseudophakic bullous keratopathy. The mirrored surface of the paddle can be used to inspect for loose tags of Descemet Membrane. Overall length: 119 mm, 4.7 inches.

C. E3128 Fogla DM Stripping Hook

Designed for removing unhealthy Descemet's Membrane (DM) during DSEK, DSAEK and DMEK surgery. It features a round, ball-shaped tip bent upwards at a 90° angle and tip is designed to prevent damage to corneal stromal fibers when pressed against the cornea to break DM. In addition, it is designed to ensure the inner surface of the cornea remains smooth during this process thus allowing proper positioning of donor tissue and minimizing the chance of donor detachment. Overall length: 114.3 mm, 4.5 inches.

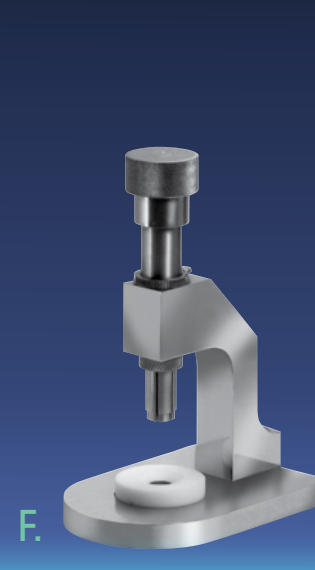
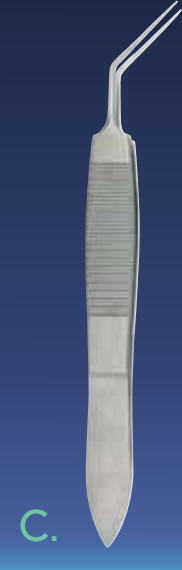
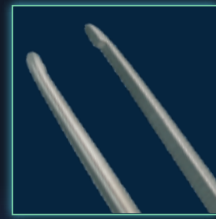
D. E4917 Straiko DMEK Cannula

Designed to assist in unrolling the donor tissue by tapping the cornea in DMEK surgery. The cannula also allows adjusting of anterior chamber depth with the addition and removal of fluid. Overall length excluding hub: 23mm, 0.9 inches.

E. E4918 Fogla DMEK Cannula

Designed to assist unrolling the Descemet's membrane after insertion in the patient's eye. The small gauge allows it to be slipped in tight tissue rolls and the cross ports facilitate controlled bursts of fluid laterally to open the scroll. 27 gauge. Overall length excluding hub: 23mm, 0.9 inches.

DSEK



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G.

H.

A. 9-781W Corneal Marker 8.0mm

Designed to provide a template for scoring and stripping of Descemet's membrane during the DSEK procedure. Overall length: 122mm, 4.8 inches.

B. E2015 Snyder Stripping Forceps

Tips of these forceps are angled upwards to grasp the edge of Descemet's membrane to complete the stripping technique. Iris stop allows the surgeon to reliably grasp the membrane without grasping iris or other ocular structures. Overall length: 83mm, 3.3 inches.

C. E2039 Carlson DSEK Graft Forceps

Designed to grasp the graft for insertion into the anterior chamber. The forceps platforms at the tip provide secure grasp at the tip and a platform at the rear of the forceps arms provide a mechanical stop to prevent crushing the tissue. Overall length: 85mm, 3.3 inches.

D. E2040 Carlson DSEK Smoother

The ball shaped tip of this instrument is designed to press on the corneal surface after the graft is implanted to remove fluid between the recipient bed and the DSEK graft. Overall length: 122mm, 4.8 inches.

E. E3050 6.00mm–9.50mm Tanne Universal Trephine Blades

A unique universal hub diameter with varying blade edge diameter provides an easier, more secure means of mounting the blade to the handle. Designed for use with: E3054 Iowa P.K. Press Punch. Packaged sterile. Single-Use. Overall length: 17mm, 0.7 inches. 1/box.

F. E3054 Iowa P.K. Press Punch

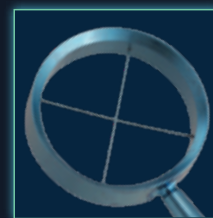
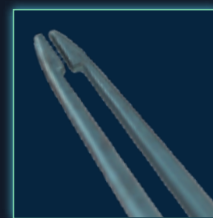
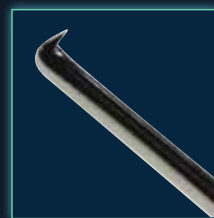
Designed for precise punching of the donor corneal button. Blade holder is designed for use with the E3050 series disposable trephine blades. Unique two color cutting block aids in centration of the donor tissue. Recessed base assures that the block is held centrally under the trephine blade. Supplied with two cutting blocks (E3054 B).

G. E3113 Devers-Terry Dissector Straight

Used to dissect or separate stromal tissue during a DLEK procedure. Overall length: 127mm, 5.0 inches.

H. E3114 Devers-Terry Dissector Curved

Used to dissect or separate stromal tissue during a DLEK procedure. Overall length: 127mm, 5.0 inches.



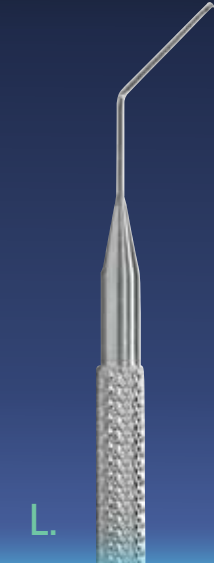
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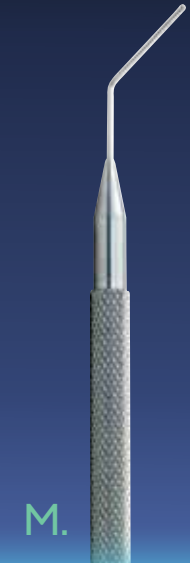
J.



K.



L.



M.



N.



O.

I. E3119 Reverse Sinskey Hook

Used to begin the dissection in DSEK surgery by scoring Descemet's membrane and then to gently strip the membrane. Overall length: 117mm, 4.6 inches.

J. E3122 Nick Pick #2

Used to aid in positioning the donor corneal tissue. Overall length: 115mm, 4.5 inches.

K. E3123 Terry Scraper Irrigating

Used with irrigation to stabilize the anterior chamber while gently roughening the inner stromal surface of the cornea in preparation for the graft in the DSEK procedure. Overall length: 111mm, 4.4 inches.

L. E3124 Terry Scraper Non-Irrigating

Used to gently roughen the inner stromal surface of the cornea in preparation for the graft in the DSEK procedure. Overall length: 115mm, 4.5 inches.

M. E3125 Cindy Sweeper for DSEK

Designed for a smooth glide across corneal surface to smooth out interface between stromal surface and the DSEK graft. Overall length: 112mm, 4.4 inches.

N. ET3122 Charlie Forceps II

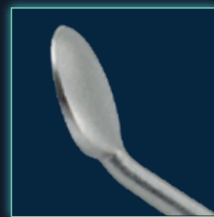
A modification to the ET3121 Charlie Forceps, designed to minimize compression at the tips and maximize donor endothelial survival during donor insertion for the DSAEK, DSEK and DLEK procedures. The forceps have been modified with a 150 micron space between the tips, allowing tissue insertion without crushing while reducing cell damage. Overall length: 104mm, 4.1 inches.

O. ET3126 Corneal Marker 8.5mm/9.0mm

Designed to provide a template for scoring and stripping of Descemet's membrane during the DSEK procedure. Overall length: 132mm, 5.2 inches.

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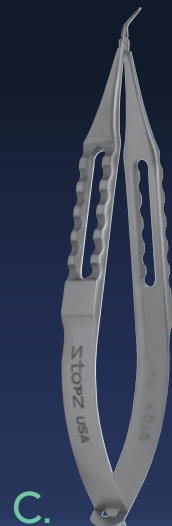
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A.



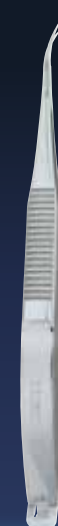
B.



C.



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E.



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G.

A. E0479 Fogla Trifacet Spatula

The trifacet design of this instrument, with its blunt tip, permits safe introduction into the space between Descemet's membrane and the corneal stroma following the formation of the "big bubble" in DALK. The anterior stroma can then be safely incised over the sharp edge of the spatula in order to enlarge the opening without damaging Descemet's membrane. Overall length: 121mm, 4.8 inches.

B. E0480 Fogla Pointed Dissector

Designed to facilitate lamellar dissection of corneal stroma allowing the introduction of the Fogla Air Injection Cannula (E4924) for creation of the "big bubble" (plane separation between Descemet's membrane and corneal stroma). The sharp tip and rounded shaft give a more controlled creation of the lamellar pocket in DALK surgery. Overall length: 117mm, 4.6 inches.

C. E3210 Fogla DALK Stromal Pocket Forceps

Designed to create a stromal pocket during manual DALK procedures. The rounded tips are designed for gentle insertion into the peripheral corneal stroma. Once inserted, the reverse action jaws spread when squeezed, applying counter traction that allows the edge geometry to separate stromal fibers efficiently. Overall length: 66mm, 3.6 inches.

D. E3212 Fogla Lamellar Dissector

Designed to make a uniplanar dissection during the DALK procedure. Once stromal tissue is grasped and stretched upwards using a corneal forceps, the dissector is applied to the base of the stromal bed and moved laterally in a windshield wiper motion to help separate the stromal fibers. The semi-sharp tip is designed to maintain a single plane across the stromal bed. Overall length: 123mm, 4.8 inches.

E. E3217 L Fogla Scissors Left

Used to remove the residual corneal stroma separated from the Descemet's membrane in DALK surgery. The lower blade of the scissors is thinner and 1mm longer than the upper blade which displaces Descemet's membrane, protecting it from being damaged by the blades. Left. Overall length: 107mm, 4.2 inches.

F. E3217 R Fogla Scissors Right

Used to remove the residual corneal stroma separated from the Descemet's membrane in DALK surgery. The lower blade of the scissors is thinner and 1mm longer than the upper blade which displaces Descemet's membrane, protecting it from being damaged by the blades. Right. Overall length: 107mm, 4.2 inches.

G. E4924 27 Fogla Air Injection Cannula 27 Gauge

This 27 gauge bottom port cannula is used while injecting air into deep corneal stroma in DALK surgery. The blunt tip helps avoid deeper perforation into the anterior chamber and the flattened cannula is easily inserted into the corneal stromal pocket. The bottom port directs air posteriorly in order to achieve the big bubble. The lamellar track should be created using the Fogla Pointed Dissector (E0480) prior to introducing this cannula. Overall length excluding hub: 18mm, 0.7 inches.