

Products & Services 2022 Catalog

A person wearing a surgical mask and gloves is working with a precision instrument in a laboratory setting. The person is focused on the task, and the background is blurred. The overall image has a blue tint.

CorneaGen™

About CorneaGen

As the world's leading cornea-focused company, we are working toward our vision to be the world's best cornea company transforming the life of every person impacted by corneal disease by innovating the next generation of cornea care, from new medical devices, biologics and therapeutics to interventions for the treatment of corneal disease.

Based in Seattle, CorneaGen supports corneal surgeons and their patients with the latest products, delivery of the highest-quality tissue, surgeon education, and advocacy for patient access and reimbursement policies.

We develop new products and services to help corneal surgeons provide the best possible outcomes for their patients. We've expanded our offering to include the Geuder Pre-Loaded Glass Cannula for DMEK, Intacs® for Keratoconus, Nano-Thin™ Tissue for DSAEK, VisionGraft® the #1 choice for glaucoma patch grafts, and tissue storage media with antifungal Ampho B.

We've also created world-class surgeon educational offerings, including the first ever peer-developed DMEK wet labs and an extensive webinar series.

70,500+

Over 70,500 corneas processed
by CorneaGen technicians



Services

Corneal Tissue

DMEK

Descemet's Membrane Endothelial Keratoplasty



Descemet's Membrane Endothelial Keratoplasty is one of the latest surgical processing techniques in corneal transplantation that may provide patients with quicker recovery times and better visual acuity. CorneaGen ensures surgeons have access to pre-stripped tissue for this advanced procedure.

Learn how to get started with DMEK at [CorneaGen.com/DMEK](https://www.corneagen.com/DMEK)

PRE-PUNCHED DMEK GRAFTS

Shipped scrolled, pre-stained and ready to place in your insertion device of choice for easier, faster, and safer DMEK procedures.

Save O.R. time with the Geuder Pre-Loaded Glass Cannula for DMEK

DSAEK

Descemet's Stripping Automated Endothelial Keratoplasty



CorneaGen works directly with each surgeon to identify their graft thickness preferences.

Ultra-thin DSAEK grafts are available upon request. This graft consists of the endothelium, Descemet's membrane and an ultra-thin layer of stroma providing nearly the same visual acuity benefits as Descemet's Membrane Endothelial Keratoplasty (DMEK).

NANO-THIN™ TISSUE

Nano-Thin™ DSAEK is the thinnest DSAEK tissue available. At less than 60 microns, Nano-Thin™ DSAEK is another example of how CorneaGen is reimagining cornea care.

Request Nano-Thin™ tissue at [CorneaGen.com/NanoThin](https://www.corneagen.com/NanoThin)

The EndoSerter® provides accurate graft delivery and placement.

PKP

Penetrating Keratoplasty



Standard full-thickness grafts are offered based on the surgeon's predetermined tissue criteria specifications.

FLAK

Femtosecond Laser-Assisted Keratoplasty



Mushroom



Tophat



Zigzag

CorneaGen helped develop the methodology to precisely cut corneal tissue using the IntraLase® femtosecond laser to treat a variety of corneal transplant indications. In addition to the popular zigzag, top hat and mushroom tissue shapes, we can prepare the tissue to meet the specific needs of each patient.

ALK

Anterior Lamellar Keratoplasty

Partial thickness anterior stromal grafts can be pre-cut upon request or provided for surgeon preparation at time of surgery.

AMPHO B

CorneaGen is the first to offer surgeons the option of requesting Amphotericin B additive to corneal storage media. This anti-fungal* additive to storage media helps provide the peace of mind you need to confidently transplant corneal tissue.

Learn more about Ampho B at [CorneaGen.com/AmphoB](https://www.corneagen.com/AmphoB)

*Data on File



Adding Ampho B to the medium is just one more way I know CorneaGen has the patient's best interest in mind.

MICHAEL BANITT, MD

VISIONGRAFT®

VisionGraft® is a sterile, non-immunogenic, cross-linked cornea, successfully used in more than 70,000 ocular surgeries.

For Glaucoma

- Precisely processed to cover tubes from glaucoma drainage device procedures
- Tectonic support for revisions of trabeculectomy flaps and exposed tube shunts

Applications for Cornea

- Treats corneal melts, ulcers, and perforations
- Anterior Lamellar Keratoplasty
- Tectonic/therapeutic PKP
- Keratoprosthesis ring



VisionGraft is the only patch graft I use because the clarity benefits post-op visibility and delivers the best cosmetic outcomes for my patients.

JOSEPH F. PANARELLI, M.D.



VisionGraft[®]

*The Clear Choice[®]
for Patch Grafts*

Non-Keratoplasty Tissue

SCLERA

CorneaGen can provide surgeons with both whole and ¼ sclera preserved in 95% ethanol. Sclera can be stored at room temperature for approximately two years, but must be reconstituted prior to surgical use.

BIO-TISSUE®

As part of a collaboration with Bio-Tissue, Inc., CorneaGen can provide Kaiser Permanente facilities with Bio-Tissue's cryopreserved amniotic membrane ocular wound healing products for the treatment of ocular surface diseases, including:

- AmnioGraft® - a biologic ocular transplantation graft
- AmnioGuard® - a biologic glaucoma shunt tube graft
- PROKERA® - a product line of biologic corneal bandage devices. The only therapeutic devices cleared by the U.S. Food and Drug Administration (FDA) that reduce inflammation and promote regenerative healing of the ocular surface.



Education

To advance the transfer of knowledge within the cornea ecosystem, we provide world-class surgeon educational offerings. Our program shares the latest innovations in cornea care and therapeutics for treating the cornea and includes the first ever peer-reviewed DMEK wet labs. We also offer one-on-one training for our products and devices with an experienced surgical specialist and an extensive educational webinar series featuring insights from leading corneal experts.

Find the educational opportunity for you at CorneaGen.com/Education

Tissue Reimbursement Assistance

At CorneaGen, we are advocates for you and your patients. We're committed to removing systemic barriers that limit patients' access to care and ophthalmologists' ability to provide effective corneal treatments to their patients.

We offer complimentary tissue reimbursement consultation services through NMD HealthCare consulting and have information regarding tissue processing codes and billing.

For reimbursement assistance visit CorneaGen.com/Reimbursement

Our Unique Eye Bank Experience

A critical element of developing the next generation of cornea care is by supporting a new generation of corneal surgeons. CorneaGen's one-of-a-kind Eye Bank Experience Program for corneal fellows creates a unique educational opportunity providing valuable insight into the operational and processing expertise required to provide surgeons the best quality tissue possible for their patients.

Currently enrolling fellows for our virtual program. More information at CorneaGen.com/Fellows

Learning the day-to-day operations of an eye bank was an incredibly valuable part of my corneal fellowship.



ALLISON JARSTAD, D.O.

Devices

GEUDER PRE-LOADED GLASS CANNULA FOR DMEK

The Geuder *Pre-Loaded* Glass Cannula for DMEK is a single-use transportation cartridge system, pre-loaded with DMEK tissue pre-punched to a specified diameter, stained and with orientation markings. Optimized with an ergonomically designed transportation cartridge allowing easy removal of the cannula, this innovative device comes with the DMEK graft ready-to-insert, simplifying the procedure and saving you time in the O.R.

- Graft is pre-loaded, pre-punched, stained, and marked
- Ergonomic cartridge specifically designed for ready-to-insert graft
- Geuder Cannula connects directly to syringe and uses consistent 2.4mm incision
- Simplifies DMEK and saves time in the O.R.



“
Getting my DMEK pre-loaded in the Geuder Glass Cannula saved time in the O.R. and was very easy to use. I originally thought the pre-load would be more hassle than help... totally wrong. The Pre-Loaded Cannula gets a big thumbs up from me and I'm planning on changing to all pre-loaded tissue from now on.”



BRANDON D. AYRES, MD

Educational Webinar Available

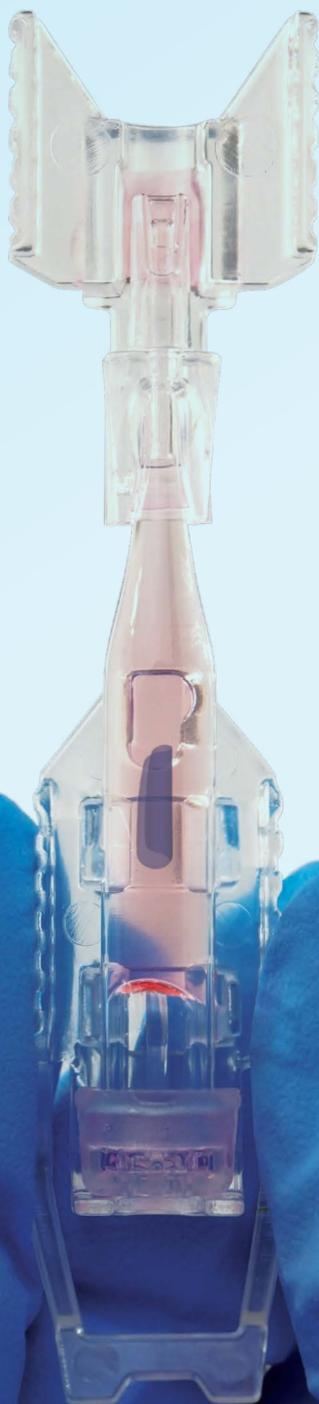
Advanced DMEK: Complicated Cases

In this recorded webinar, our panel of experienced DMEK surgeons, Dr. Al-Mohtaseb, Dr. Sise and Dr. Giegengack, share and discuss their more complicated DMEK cases.

In this webinar, you will be able to:

- See a few real-life DMEK complex-eye cases as narrated by our surgeon panelists
- Learn about what you should consider before attempting to proceed with a complicated eye for DMEK
- Hear the panel answer questions about challenging cases

Watch the webinar now at CorneaGen.com/Advanced-DMEK



GEUDER GLASS CANNULA FOR DMEK

CorneaGen presents the Geuder Glass Cannula for Descemet's Membrane Endothelial Keratoplasty (DMEK) procedures.

Easy to Load

Large rounded opening of the cannula allows for simple and easy loading of the graft.

Consistent Incision Size

Small incision size allows for gentle and controlled injection into the anterior chamber.

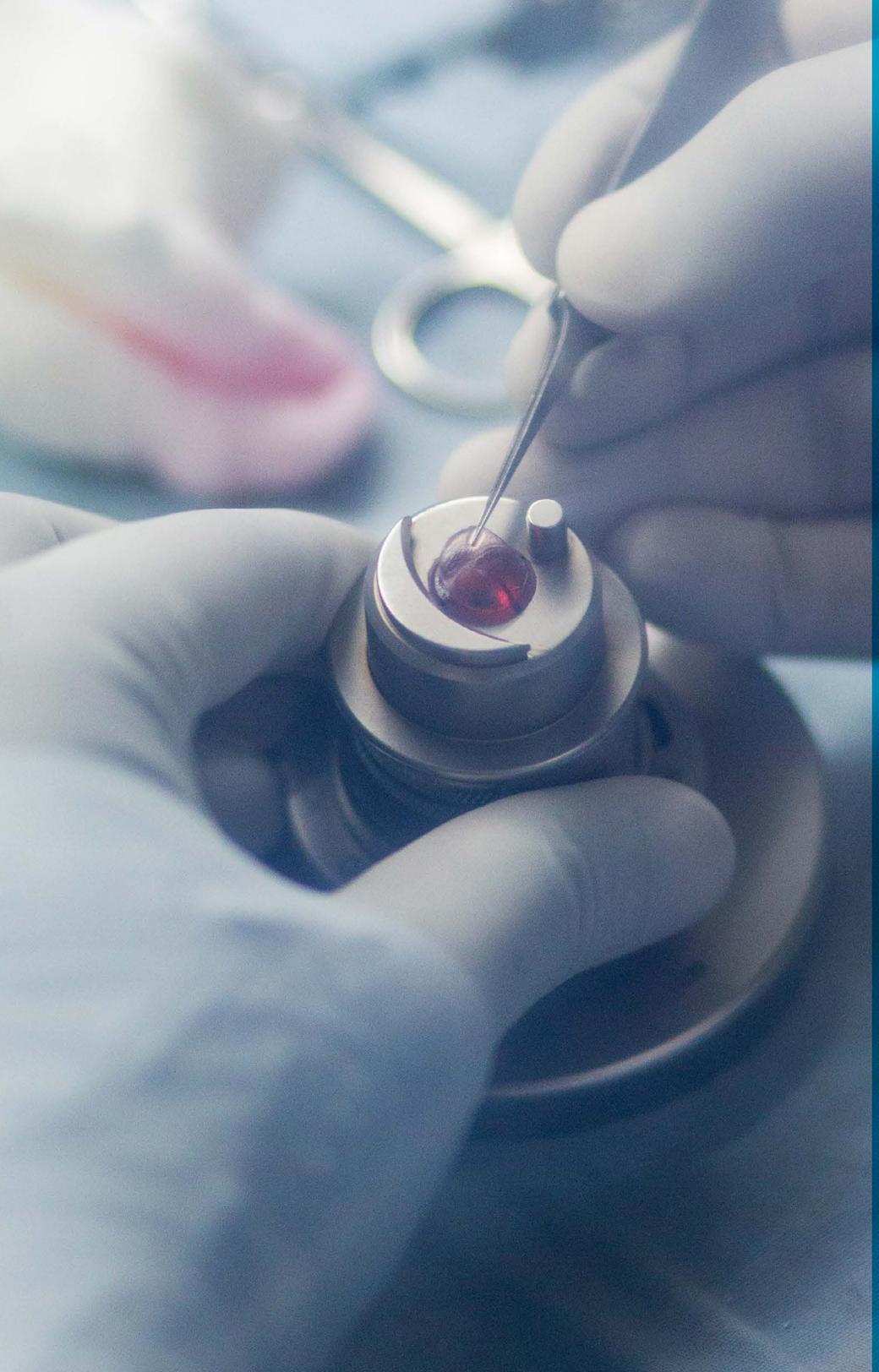


Watch the instructional video at CorneaGen.com/Cannula

Free Trial of the Geuder Glass Cannula for DMEK

CorneaGen offers a free trial to corneal transplant surgeons in the U.S.

Contact us today at 1-844-526-7632 to schedule your in-service and free trial, or email us at Products@CorneaGen.com to get started.



ENDOSERTER®

Corneal Endothelium Delivery Instrument

The EndoSertter® is a unique single-use, disposable device used to implant donor allograft tissue during DSAEK procedures. The EndoSertter simplifies the surgical procedure.

- Consistent, controlled placement of donor tissue
- Integral irrigation
- Single 4mm incision

The EndoSertter provides accurate graft delivery and placement with minimal endothelial contact.



International Surgeons

International surgeons can access this revolutionary technology from one of our distributors. Visit [CorneaGen.com/EndoSertter](https://www.CorneaGen.com/EndoSertter) to learn more.

Watch the EndoSertter in action at [CorneaGen.com/EndoSertter](https://www.CorneaGen.com/EndoSertter)

*The EndoSerter is simply the best way to
insert Nano-Thin™ tissue.*



EDWARD J. HOLLAND, MD

Free Trial of the EndoSerter

CorneaGen offers a free trial to corneal transplant surgeons in the U.S.

Contact us today at 1-844-526-7632 to schedule your in-service and free trial, or email us at Products@CorneaGen.com to get started.

Available Early 2022

INTRODUCING THE ALL NEW

- Pre-loaded with tissue processed to the surgeon's exact specifications
- Saves precious time in the O.R.
- Innovation for the next generation of DSAEK surgery

Sign up to be among the first to use this innovative product at CorneaGen.com/ESPL





INTACS® CORNEAL IMPLANTS (ICI)

Intacs® Corneal Implants are an ophthalmic medical device designed for the reduction or elimination of myopia and astigmatism in patients with keratoconus so that their functional vision may be restored and the need for a corneal transplant procedure can potentially be deferred.



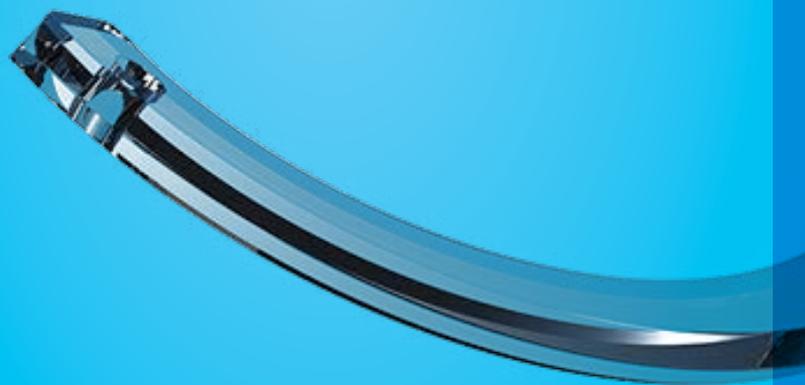
Educational Webinar Available

Join John Berdahl, MD as he shares his experience with Intacs® and crosslinking.

During this webinar, *Crosslinking and Intacs*, you will learn:

- The science, protocols, and economics of crosslinking
- Advanced techniques for crosslinking and Intacs
- Methods to make crosslinking work in your practice
- How to increase accessibility for your patients

Watch the webinar now at [CorneaGen.com/Berdahl](https://www.corneagen.com/Berdahl)



Instruments

DONOR TREPHINE PUNCH

Ultra-thin, ultra-sharp blade to minimize undercut.

High-visibility guide allows full visualization throughout the process to help accurately center and reposition the cornea.

Anatomically-correct bowl allows the cornea to center and stay in position, and finger grips allow for a stable base.

Available with or without vacuum



RECIPIENT VACUUM TREPHINE

Ultra-sharp blade allows for a more vertical cut with reduced undercut.

Industry-leading crosshairs designed using military sighting technology enable outstanding positioning and centration.

All-metal ergonomic finger grips provide complete control.





Place an Order

Devices & Instruments

To place an order for a device or instrument, or to request additional information, please contact us.

Phone 1-844-526-7632

Email Products@CorneaGen.com

Online CorneaGen.com

Corneal Tissue

CorneaGen can create tissue solutions that are customized to your practice from any of our laboratories below.

Seattle, WA Laboratory & 24-hour phone 1-877-682-8502

Baltimore, MD Laboratory & 24-hour phone 1-800-858-2020

Winston-Salem, NC Laboratory 1-844-526-7632

Online CorneaGen.com

Locations

CorneaGen provides services from the following locations:

SEATTLE HEADQUARTERS

1200 6th Ave, Ste 300
Seattle, WA 98101

ORLANDO

2902 North Orange Ave., Suite I
Orlando, FL 32804

BALTIMORE

5520 Research Park Drive, Ste 400
Baltimore, MD 21228

SAN FRANCISCO

6000 Shoreline Court, Suite 202
South San Francisco, CA 94080

BOSTON

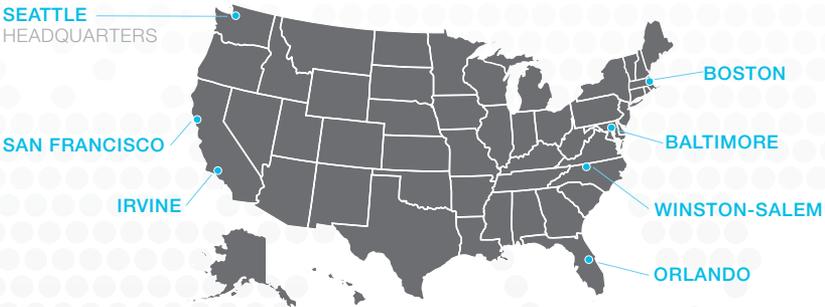
300 Bear Hill Road, 2nd Floor
Waltham, MA 02451

WINSTON-SALEM

101 North Chestnut St, Ste 303
Winston-Salem, NC 27101

IRVINE

850 Health Sciences Rd, Ste 2020
Irvine, CA 92617





Partnerships

Need help? Have an idea?

We are listening.

We believe that good ideas come from anywhere. We have a process for working collaboratively with a variety of segments, including; academia, customers, start-ups, and industry. Our customer-centric product development process informs our decisions on what ideas are developed and ensures resources are used appropriately.

We want to hear from you on what we can do to make the next generation of cornea care a reality. Contact us at Info@CorneaGen.com



The best surgical support team in the industry.

Meet the most experienced surgical product support team in the eye banking industry.

CorneaGen customers benefit from a surgical support team with well over 200 years of combined medical experience and tens of thousands of DSEK and DMEK procedure consultations.

Regardless of your transplant volume, our goal is to create a true and enduring partnership by providing in-person O.R. support, 1-on-1 wet labs and support for you and your staff with any operational or donor tissue reimbursement issues.

It's our team of veteran Surgical Product Specialists that truly sets CorneaGen apart.

Connect with the best.

Talk to a Surgical Product Specialist today.

[CorneaGen.com/Connect](https://www.corneagen.com/Connect)

CorneaGen™