About CorneaGen

CorneaGen is a mission-driven company committed to eliminating corneal blindness worldwide by 2040. We are transforming how corneal surgeons treat and care for the cornea by innovating the next generation of cornea care, from new medical devices and cell therapy to treatments and interventions.

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 DSEK, VisionGraft® 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 educational webinar series.
62,000+

Over 62,000 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](http://CorneaGen.com/DMEK)

**PRE-PUNCHE 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

The EndoSerter® provides accurate graft delivery and placement.
SERVICES

PKP
Penetrating Keratoplasty

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

FLAK
Femtosecond Laser-Assisted Keratoplasty

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 offers 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](http://CorneaGen.com/AmphoB)

*Data on File

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“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
Seattle, WA
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.

VISIONGRAFT®

A sterile, non-immunogenic cross-linked cornea, that can be used to treat glaucoma and corneal injuries.

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 offer 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 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.

*In 2018 alone, we trained more than 750 ophthalmologists.*

Find the educational opportunity for you at [CorneaGen.com/Education](http://CorneaGen.com/Education)

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**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](http://CorneaGen.com/Reimbursement)
GEUDEPre-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 allows easy removal of the cannula
- Ready-to-insert graft
- Simplifies DMEK and saves time in the O.R.
**Educational Webinar Available**

Join Matt Giegengack, MD as he shares his insight on how to insert a DMEK graft using the Geuder Glass Cannula for DMEK and why it is his insertion device of choice.

During this webinar, *DMEK: Tips and Tricks for Effective, Efficient, and Safe DMEK Surgeries*, you will learn:

- How to use pre-punched tissue to reduce prep time and potential problems
- Insight into what obstacles you could expect during a DMEK procedure
- How to insert a DMEK graft using the Geuder Glass Cannula for DMEK

Watch the webinar now at [CorneaGen.com/Giegengack](http://CorneaGen.com/Giegengack)
Getting my DMEK pre-loaded in the Geuder Glass Cannula saved time in the OR 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
Wills Eye Hospital
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.

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Watch the instructional video at [CorneaGen.com/Cannula](http://CorneaGen.com/Cannula)

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*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](mailto:Products@CorneaGen.com) to get started.
**ENDOSERTER®**  
Corneal Endothelium Delivery Instrument

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

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

The EndoSerter 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/EndoSerter to learn more.

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Watch the EndoSerter in action at CorneaGen.com/EndoSerter
The EndoSerter is simply the best way to insert Nano-Thin™ tissue.

EDWARD J. HOLLAND, MD
Professor of Ophthalmology
University of Cincinnati

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.
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
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

**BALTIMORE**
5520 Research Park Drive, Ste 400
Baltimore, MD 21228

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

**IRVINE**
850 Health Sciences Rd, Ste 2020
Irvine, CA 92617

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

**SAN FRANCISCO**
6000 Shoreline Court, Suite 202
South San Francisco, CA 94080

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