

Barron[®] CORNEAL DEVICES

Barron Vacuum Guarded Punch



The Barron Vacuum Guarded Punch is designed to support partial thickness corneal cut. This latest advancement in the Barron line reduces the variability of DMEK cuts. It is engineered to enhance donor tissue preparation by facilitating clear cleavage plane identification, helping to reduce the risk of graft tears and preserve valuable endothelial cells.

The system features a first-of-its-kind alignment ring, which guides the processing technician to select the healthiest tissue area when harvesting donor grafts. This precision alignment ring allows processing technicians to have confidence when avoiding corneal scars, areas of low endothelial cell density and other unwanted tissue.



Use of the healthiest available tissue provides the best chance for recipient acceptance, limbal stem cell migration, and healthy corneal function.

The Barron Vacuum Guarded punch features advanced blade technology to give you confidence in every cut.

- Create a repeatable, consistent, controlled partial-thickness corneal cut
- Potentially reduce endothelial cell loss by leveraging micro-honed trephine blades
- Understand the tissue where you are cutting, enabled by alignment ring technology
- Dual marking of punch sizes (top and side) to ensure easy identification

For Graft Sizing

K20-2175	Barron Vacuum Guarded Punch 7.5mm
K20-2177	Barron Vacuum Guarded Punch 7.75mm
K20-2180	Barron Vacuum Guarded Punch 8.0mm

For Peripheral Scoring

K20-2195	Barron Vacuum Guarded Punch 9.5mm
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For more information, visit corzaeye.com

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Mitigate the risk of Endothelial Cell Loss (ECL) with Barron Corneal Punches ^[1]

Barron Results

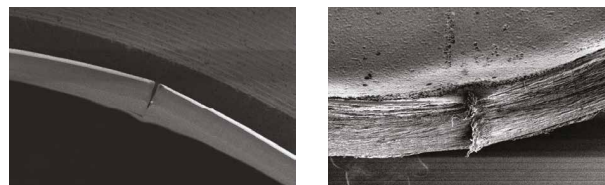
Blade Edge/Margin

Created from a solid rod of stainless steel for a seamless edge.



Competitor Results

Blade Edge/Margin

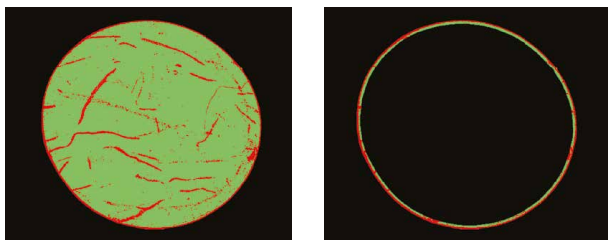


This advanced blade may reduce the risk of ECL compared to leading competitive options due to the seamless edge of the Barron Corneal Punch.

Barron Results

10.4%

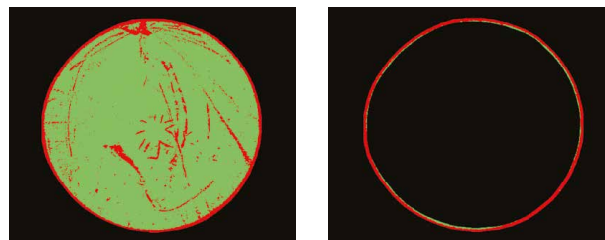
3.5%



Competitor Results

12.8%

5.5%



[1] EBCT, Volume 3, Number 1 - Qualitative Blade Topology in Donor Cornea Punches and Corresponding Endothelial Cell Loss in PK and DMEK Grafts - by: Megan M. W. Straiko PhD Claudia S. López PhD, Rebecca Hubbs CEBT, Phillip K. Dye CEBT, and Khoa D. Tran PhD - March 2024

See how the Barron Vacuum Guarded Punch can deliver consistent, controlled cuts and help preserve donor tissue quality.

Connect with your Corza Medical Sales Representative to request more information.
Visit corzaeye.com or call **973-989-1600**.



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