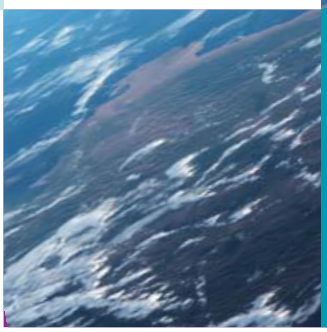
Small size.
Giant leap.

biBlade™

Perform at a
New Standard

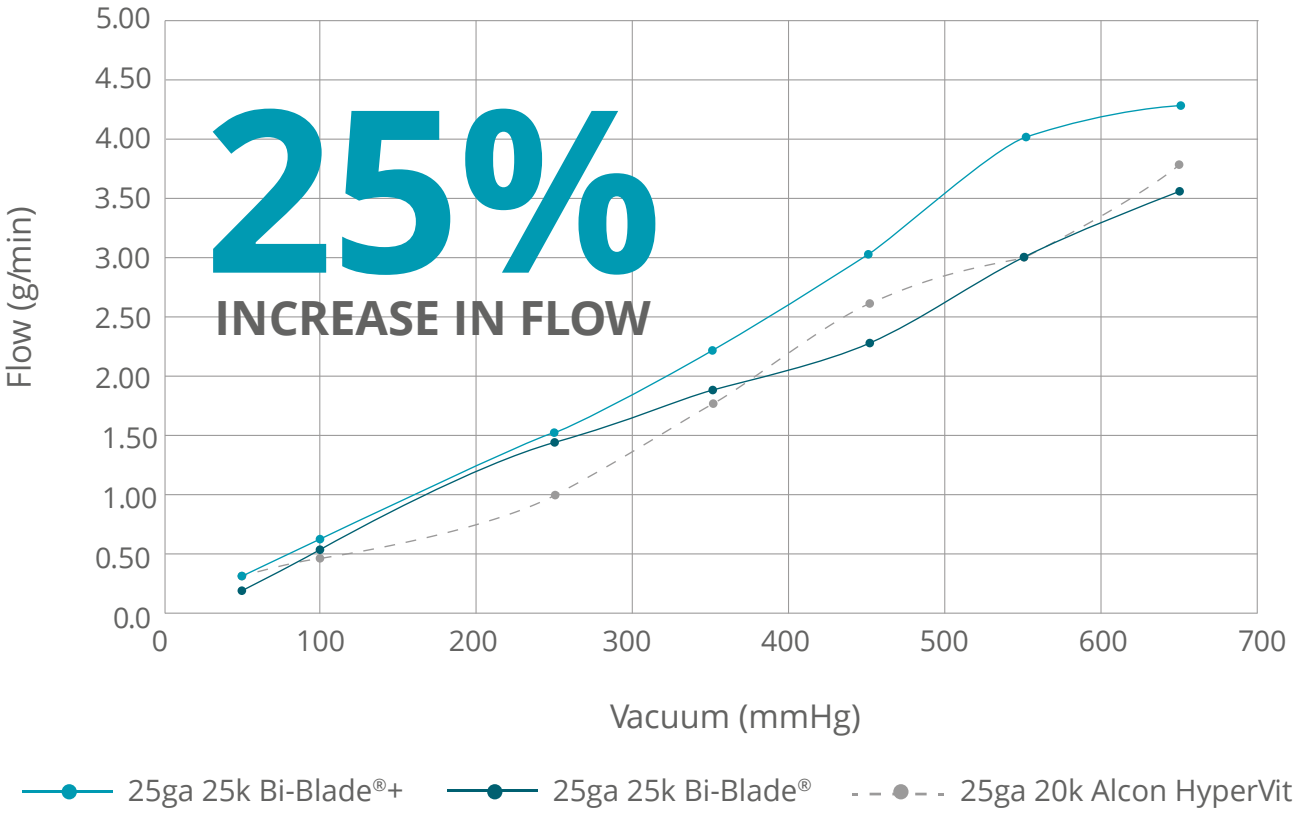


BAUSCH + LOMB

Efficiency

The faster cut rate of Bi-Blade™+ improves flow rate with potential to further reduce retinal traction, and facilitate surgical techniques for streamlined procedures.

25g Vitreous Flow Test comparison



- Increase in cutting speed from 15 CPM to 25K CPM to minimize retinal traction[4]
- In engineering studies, up to 25% increase in flow rate, potentially supporting more efficient vitreous removal.[1,2,3]

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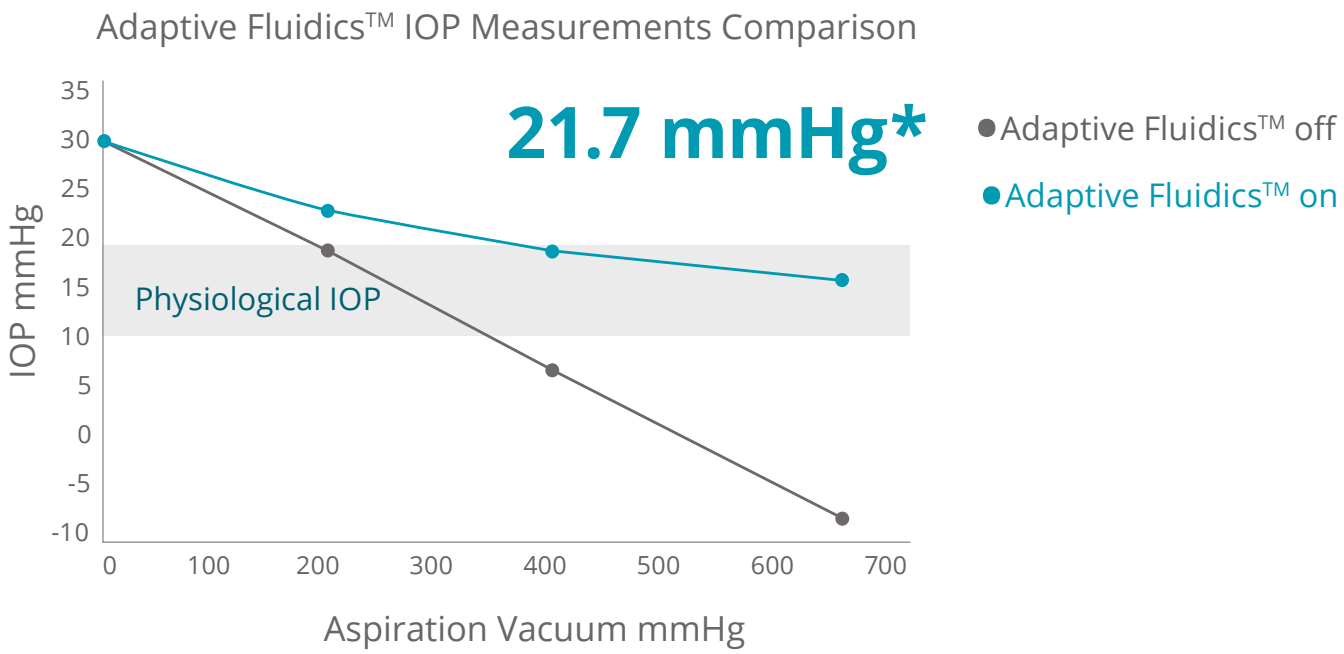
Predictability Fluidics & Flow Stability

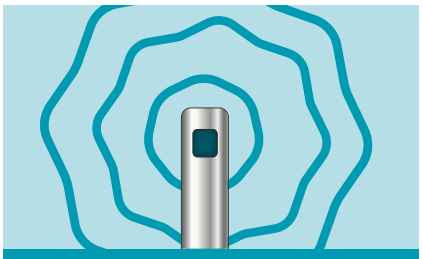
Bi-Blade™+ with Adaptive Fluidics™ supports and maintains IOP stability.[1]

IOP performance 25g dual-action cutter in BSS



- Potential for reduced sphere of influence and retinal traction.[1]
- Continuous aspiration provides improved potential intraocular pressure (IOP) stability, even at high vacuum levels.[1]
- A 62% reduction in average infusion pressure with Adaptive Fluidics™ compared to surgeries in which Adaptive Fluidics™ was not used.[1]

Single Port Cutters



Bi-Blade™ Cutters

Bi-Blade+™ Cutters

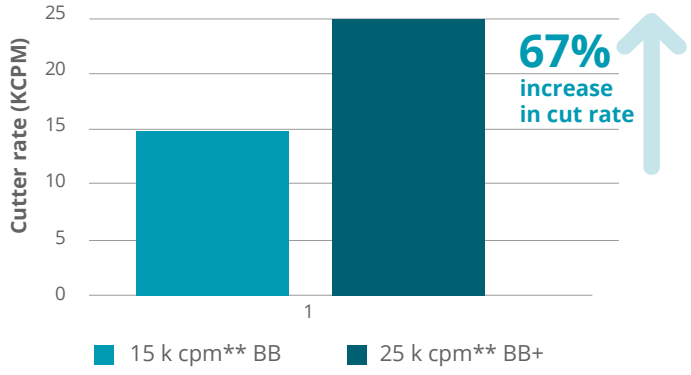
*: average infusion pressure when Posterior Adaptive Fluidics™ is used

Control

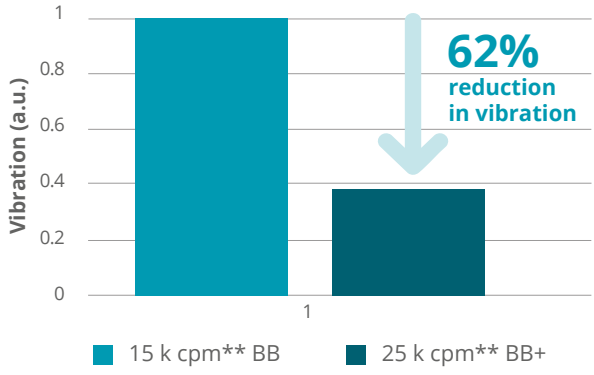
Bi-Blade™+ optimizes surgeon ergonomics and environmental control to further reduce the risk of surgeon-induced retinal damage.[1]

- At the maximum cut speed of 25,000 CPM, Bi-Blade™+ demonstrates a 62% reduction in cutter vibration compared to Bi-Blade®, for offering the surgeon enhanced ergonomics and comfort towards a stable surgical experience [67% MORE cuts, with 62% LESS vibration]*[1]
- With the addition of Adaptive Fluidics™, there was a significant improvement in chamber IOP at a range closer to physiological IOP (10 – 20 mmHg) even during high vacuum levels.[1]

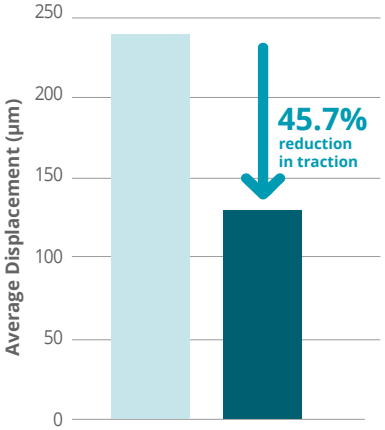
Cutter rate increase



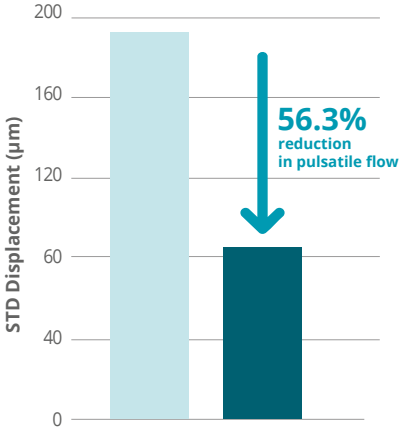
Cutter Vibration



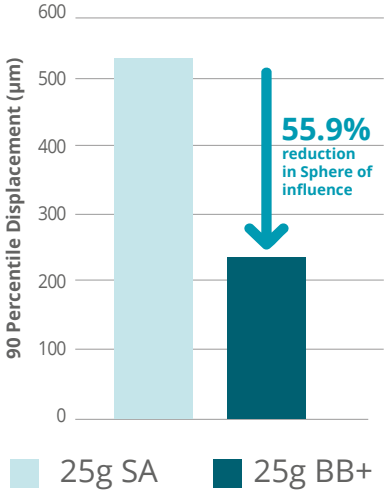
Traction



Pulsatile Flow



Sphere of influence



25g Bi-Blade+™ generates less traction, exhibits less pulsatiles flow, and has a smaller sphere of influence during vitreous removal[1]

*: compared to Bi-Blade™
**cpm: cut per minute

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bi Blade™+

Engineered for

Stellaris Vision Enhancement System Elite®+

Bi-Blade+™ is compatible with our latest platform, Stellaris Elite™+.
To find out about upgrading your system to Stellaris Elite™+ ask your local Bausch + Lomb Equipment representative

Stellaris Elite Systems, Bi-Blade™ + Compatible	
SE14565	Elite PC system
SE15565	Elite 12.5K PC laser system
Elite 25K Packs	
SE5423WBB+	23 ga. Bi-Blade™ + Vitreous Cutter Posterior Wide-Field Stellaris Elite Pack
SE5523WBB+	23 ga. Bi-Blade™ + Vitreous Cutter Combined Wide-Field Stellaris Elite Pack
SE5425WWB+	25 ga. Bi-Blade™ + Vitreous Cutter Posterior Wide-Field Stellaris Elite Pack
SE5525WWB+	25 ga. Bi-Blade™ + Vitreous Cutter Combined Wide-Field Stellaris Elite Pack
SE5427WBB+	27 ga. Bi-Blade™ + Vitreous Cutter Posterior Wide-Field Stellaris Elite Pack
SE5527WBB+	27 ga. Bi-Blade™ + Vitreous Cutter Combined Wide-Field Stellaris Elite Pack
Elite 25K Anterior Vitrectomy pouch	
SE5623AVBB+	Elite 23 ga. Bi-Blade™ + Anterior Vitrectomy

bi Blade™+

EXPERIENCE
the Dual-Port Difference

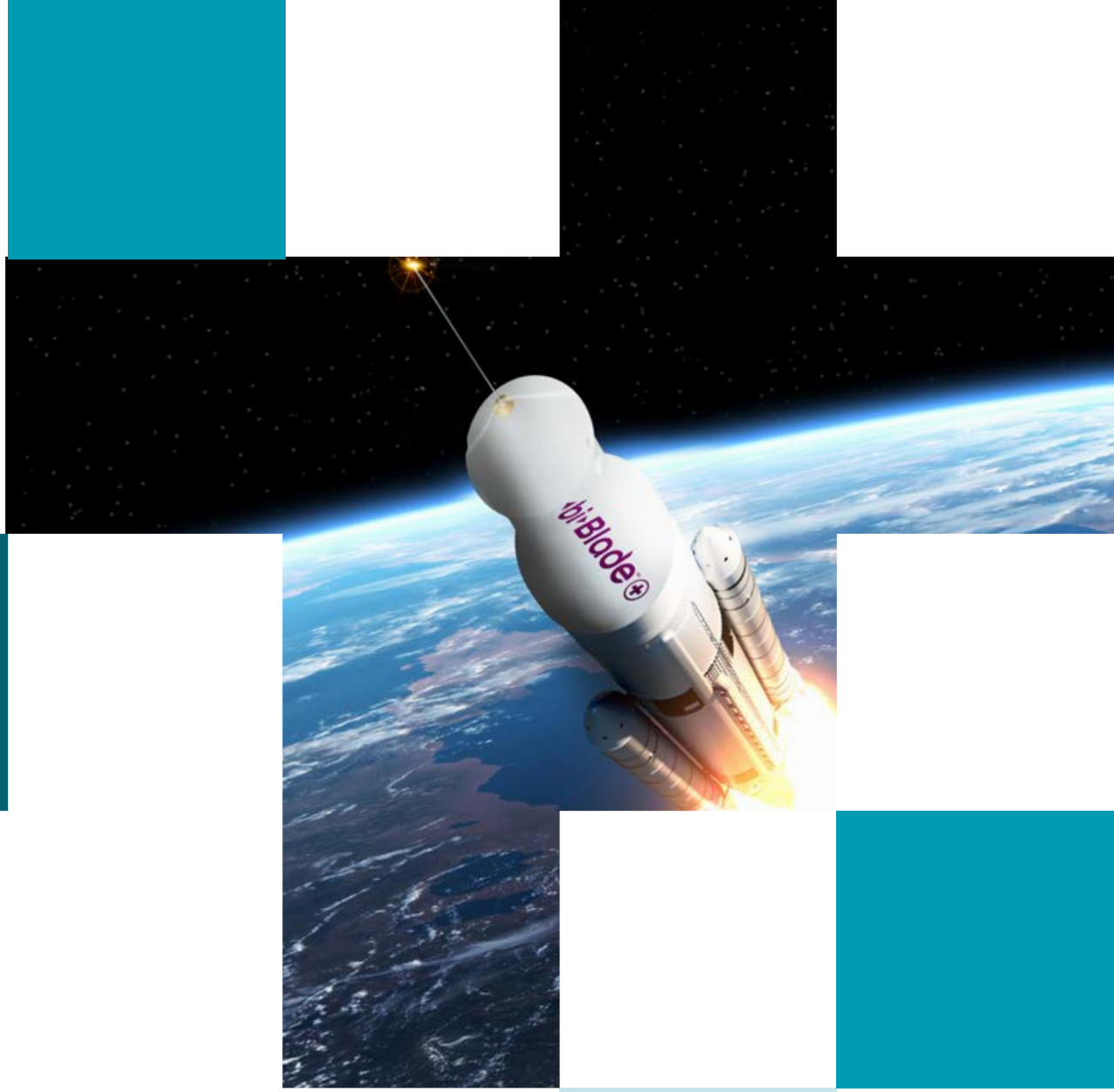
Minimize the sphere of influence[1]

Reduce retinal traction[1]

Promote a high standard of patient care

*Compared to Bi-Blade®

1. R&D report 128006001: Bi-Blade+ action characterization, sphere of influence, pulsatile flow, and traction _15/01/2025 **2.** Rossi T, Querzoli G, Angelini G, et al. Introducing new vitreous cutter blade shapes: a fluid dynamics study. Retina. 2014; 34(9):1896-904. **3.** Rossi T, Querzoli G, Malvasi C et al. A new vitreous cutter blade engineered for constant flow vitrectomy. Retina. 2014; 34(7):1487-91. **4.** Teixeira A, Chong LP, Matsuoka N et al. Vitreoretinal traction created by conventional cutters during vitrectomy. Ophthalmology. 2010 Jul;117(7):1387-92.e2.



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