Decades of Vision Begin in Femtoseconds

see LYRA™

FEMTOSECOND LASER

BAUSCH+LOMB

The new era of femtosecond technology

With real-time imaging powered by its live OCT, SeeLyra™ is set to become an integrative asset for modern ORs, streamlining workflows while providing the consistency, control and integration needed to help surgeons achieve predictable premium IOL outcomes.

Founded on over 170 years of eye care innovation by Bausch + Lomb, SeeLyra™ embodies the next generation of femtosecond lasers. Bolstered by the performance and 15-year history of the Victus™ platform, we've expanded our core system to bring enhanced functionality and greater flexibility to the OR.

SeeLyra™ retains vital, highly appreciated Victus™ features, including an intuitive user interface allowing for ease of use, procedural adaptability (cataract, refractive, therapeutic) and a live OCT. With a 25% faster pulse rate for cataract treatments plus mobility and adaptability that allow the patient to stay in the same bed, SeeLyra™ takes the surgeon and patient experience further.

Backed by decades of experience in precision ophthalmic lasers, Bausch + Lomb has extensive knowledge of what key features surgeons are looking for to advance their operating capabilities. We've designed SeeLyra™ to offer a single integrated platform that meets the multi-faceted needs of the modern OR:

- **Live OCT:** Live imaging enables precise alignment and control, helping to reduce variability and make repeatable outcomes possible.
- **Compact footprint:** One of the most compact femto platforms on the market, designed for today's space-constrained ORs.
- **Mobility and procedural adaptability:** Compatible with existing bed setups and designed for right or left bedside placement, SeeLyra™ offers flexible positioning and easy transport between ORs.

B+L
OS
Observer mode
LENS ALIGNMENT
Horizontal
Vertical
Ring scan

Extensive capability. Intuitive design.

INTUITIVE USER INTERFACE

- Inspired by Victus™
- Designed to streamline setup
- Keeps key information in view

MULTI-PROCEDURE VERSATILITY

- Cataracts
- Flaps
- Transplants
- Implants

COMPACT FOOTPRINT

- 0.84 m^2 (9.04 sq. ft.) space-saving design
- Compatible with existing bed setups
- 50% smaller than our current femto, VICTUS™

STABLE PERFORMANCE

- Designed to support reliable operation and setup continuity
- Realigns in 2 seconds after repositioning
- Temperature range: 18°C to 30°C
- Relative air humidity: 30% to 70%

MOBILITY AND PROCEDURAL ADAPTABILITY

- Wide angle articulating swing arm
- No attached patient bed, compatible with existing bed setups
- Designed for easy transport
- Enables hands-free* surgery

LIVE OCT

- Real-time visualization
- Auto-recognition of structures
- Supports controlled alignment

INTEGRATED PRESSURE SENSOR

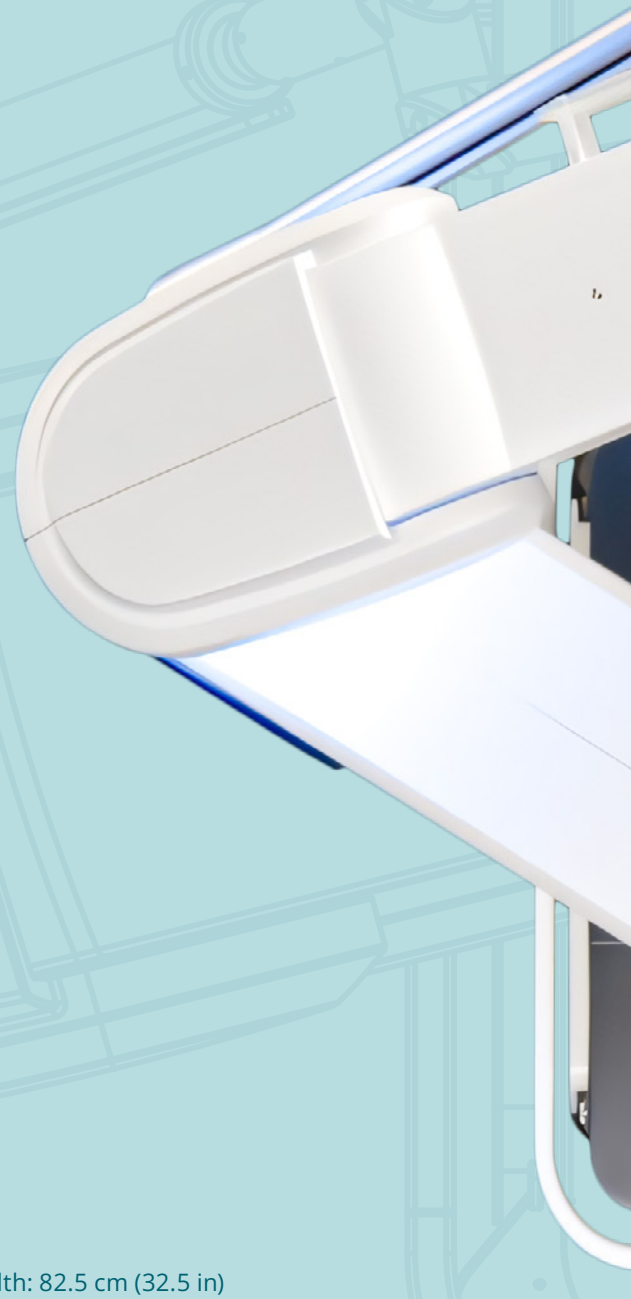
- Controlled docking
- Minimizes tilt
- Pressure status display

PATIENT INTERFACE KIT

- Compact design and curved PI
- Integrated filter
- 19.5 mm (0.77 in) outer diameter (can eliminate need for speculum)
- Engineered to ease docking
- Designed to accommodate complex anatomies

*Once the applicator head is positioned and connected to the patient via the patient interface, the laser can be applied without manually holding the laser head in place.

Empowering your workflow



SMALL BUILD, SMART DESIGN

Designed specifically to meet the needs of today's space-constrained ORs, SeeLyra™ is one of the most compact femto platforms on the market. With a footprint of just under 1 square meter (0.84 m^2; 9.04 sq. ft.), it's half the size of VICTUS™, our existing femtosecond laser.

LENDS FLEXIBILITY TO YOUR SETUP

On top of its compact design, SeeLyra™ was created with versatility in mind. With no attached patient bed, it adapts to multiple setups while enabling both right and left bedside placement – suitable for a wide range of operating spaces.

And because operating room management is a key consideration for many practices, SeeLyra™ was designed to adapt to any clinic setup and workflow. Its mobility and flexibility allow the system to be positioned where needed and easily integrated with existing patient bed configurations.

In addition, with its 236° articulating swing arm, SeeLyra™ can accommodate the surgeon's preferred orientation for surgery, whether temporal, superior or side-specific, creating a more comfortable, ergonomic experience.

Width: 82.5 cm (32.5 in)
Depth: 102.2 cm (40.2 in)
Depth with arm open: 137.2 cm (54 in)

Work smarter. At every step.

With SeeLyra™, surgeons benefit from precise laser-assisted preparation of the eye, including capsulotomy creation and lens fragmentation.

Plus, when combined with Stellaris Elite™, which features Adaptive Fluidics for consistent anterior chamber stability and flow, and the Zero Phaco handpiece, which reduces the need for ultrasound[1], these devices provide a complete surgical solution that can support you in advancing your practice with femtosecond laser-assisted cataract surgery.

By helping surgeons achieve precise preparation and controlled implantation conditions, SeeLyra™ and Stellaris Elite™ are designed to work together into a premium cataract workflow – including, for example, our enVista Envy™ IOL.

1. Narayan Bardoloi, DO. *Zero Phaco: New Technique for Phacoemulsification in Soft Cataracts. ASCRS ASOA* Annual Meeting, 2019 - https://ascrs.confex.com/ascrs/19am/meetingapp.cgi/Paper/54671

RANGE OF FRAGMENTATION PATTERNS

Radial

Ring

Radial/ring combination

Grid

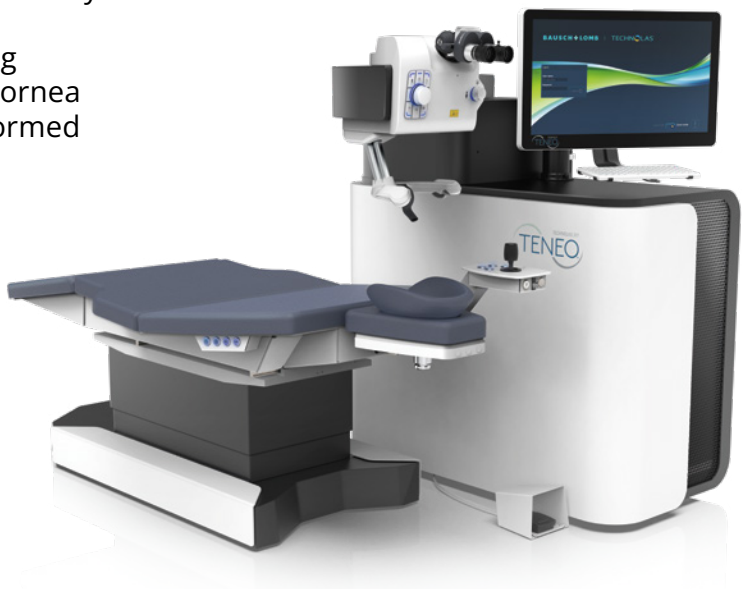
Radial/grid combination

LASIK FLAPS

A precise LASIK flap is the foundation of a biomechanically stable refractive procedure. SeeLyra™'s advanced femtosecond laser technology with live OCT imaging enables precise flap creation, helping prepare the cornea for the excimer laser treatment, which can be performed by TENEO™ 317 Model 2.

TENEO™ 317 MODEL 2 DELIVERS:

- Fast treatment times with up to 1 diopter of correction in 1 second
- Precise eye tracking with a 1,740 Hz camera
- Cold ablation technology for precise tissue removal with reduced heat generation
- An intuitive user interface and compact design



Spectacle independence begins with femto precision

For every patient wishing to achieve freedom from their eyeglasses, the path to premium outcomes begins with the right IOL and precise surgical preparation. When premium multifocal IOL implantation is the goal, a femtosecond laser procedure can help create the precise surgical conditions for predictable results.

Let your patients flourish at every step with enVista Envy™, the full range of vision IOL that ushers in a new era of confidence with enviable outcomes[2]:

- Remarkable performance in all lighting conditions[2,3] and excellent patient tolerance to glare, halos and starbursts.[2, 4]
- 3.00 D of continuous full range of vision spectacle independence.[2]
- Broaden your surgery population thanks to the precise astigmatism correction and balanced cylinder steps starting at an ultra-low +0.90 D[5, 6].

SeeLyra™ complements the implantation of the enVista Envy™ IOL, preparing the eye for lens placement. With SeeLyra™, surgeons benefit from:

- Capsulotomies, performed under integrated OCT.
- A variety of lens pre-fragmentation pattern options.
- Arcuate incisions delivered to a planned depth, length and axis.

ENVISTA ENVY™ CAN ENHANCE YOUR PATIENTS' VISUAL EXPERIENCE IN THEIR DAY-TO-DAY ACTIVITIES.[4]

enVista Envy™ clinical study (n=110), patient-reported outcomes 4–5 months post-op following bilateral implantation.[4]

97.2%
LITTLE TO NO DIFFICULTY READING COMPUTER SCREEN[4]

95.4%
LITTLE TO NO DIFFICULTY VIEWING CLOSE OBJECTS[4]

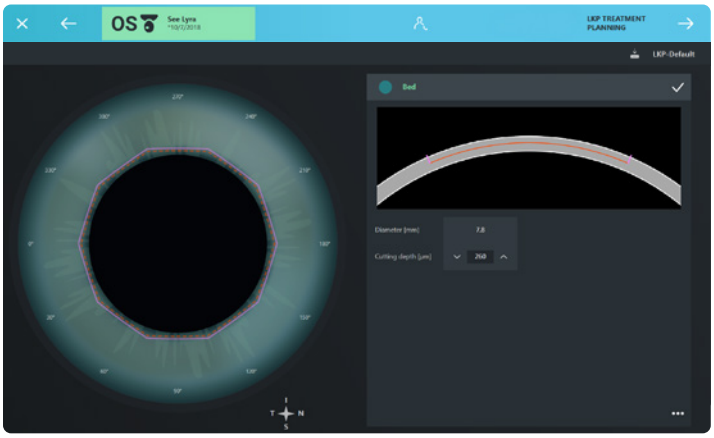
enVista ENVY™
HYDROPHOBIC ACRYLIC IOL

2. Mitchell C. Shultz , William F. Wiley , Eva Liang , Alice T. Epitropoulos , Jeffrey Whitman, Visual and patient-reported outcomes of a novel full visual range IOL versus a monofocal IOL: A randomized multicenter US trial, American Journal of Ophthalmology (2025), doi: https://doi.org/10.1016/j.ajo.2025.08.050
3. R&D report: Optical Design Release for enVista Envy (MX60EF) IOL V16-070M1_Rev B (Aug 2023)
4. Muzychuk A. and Harasymowycz H.: Efficacy and Safety Evaluation of a New Full Visual Range versus Monofocal IOL in Cataract Patients : A Randomized, Controlled Canadian Clinical Trial. JCRS (2025), doi: 10.1097/j.jcrs.0000000000001714
5. De Bernardo M, Zeppa L, Cennamo M, Iaccarino S, Zeppa L, Rosa N. Prevalence of Corneal Astigmatism before Cataract Surgery in Caucasian Patients. European Journal of Ophthalmology. 2014;24(4):494-500. doi: 10.5301/ejo.5000415
6. enVista Envy™ Directions for Use, Bausch + Lomb

Extraordinary patients deserve extraordinary treatment

Thanks to the versatility of SeeLyra™, a wide range of therapeutic procedures can be conducted in dedicated workflows. SeeLyra™ supports lamellar and penetrating graft profiles*, including mushroom, top hat and zig zag, with cut geometry defined by the user under OCT visualization.

OCT guidance is available throughout all therapeutic procedures, including potential DALK-incisions for the big bubble technique or for intracorneal ring segment (ICRS) tunnel incisions.

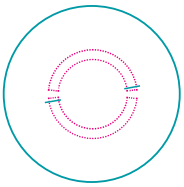


Customizable graft rim geometry selectable via touchscreen

PKP

LKP

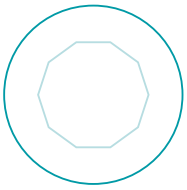
LKP-DALK INCISION



ICRS

TOP HAT MUSHROOM ZIG ZAG

ROUND



DECAGON

*All graft rim geometries and shapes are available for both PKP and LKP, except top hat (PKP only).

Rooted in tradition. Focused on innovation.

Backed by over 170 years of eye care innovation, Bausch + Lomb knows that seeing better can change people's lives for the better. We are constantly evolving our technology, refining it so that surgeons all over the globe can offer high-quality care.

To truly deliver on our commitment to surgical teams, we offer comprehensive solutions, bolstered by a service and support team of highly specialized engineers, technicians and application professionals who know our products inside and out.

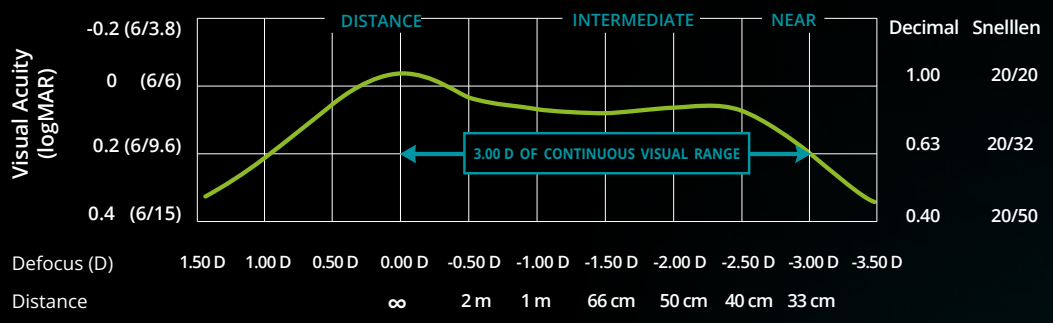
And to ensure that surgical teams are fully equipped to confidently operate our femtosecond and excimer lasers, as well as any related diagnostic platforms, we provide tailored customer visits to our dedicated Centre of Excellence in Munich.

At Bausch + Lomb, our sights are set on taking your practice further. With the SeeLyra™ femtosecond laser platform, surgeons and clinical staff gain a compact, mobile solution that fits their individual OR setup, allowing them to focus on their patients' care.

Flourish at every step

Help your patients achieve spectacle independence[7].

enVista Envy™ 4-6 months post-op binocular defocus curve (n=53 patients)[7]



enVista HYDROPHOBIC ACRYLIC IOL ENVY™

7. Mitchell C. Shultz , William F. Wiley , Eva Liang , Alice T. Epitropoulos , Jeffrey Whitman, Visual and patient-reported outcomes of a novel full visual range IOL versus a monofocal IOL: A randomized multicenter US trial, American Journal of Ophthalmology (2025), doi: https://doi.org/10.1016/j.ajo.2025.08.050

Look inside, to learn more about combining SeeLyra™ with enVista Envy™.

CONTACT INFORMATION

Contact your local Bausch + Lomb representative and discover how SeeLyra™, together with our premium IOL portfolio, can help you unlock your patients' potential to see better, and live better.

Design and specifications are subject to change without prior notice as a result of ongoing technical development.

The SeeLyra™ Femtosecond Laser is CE Marked. Indications and approvals may vary by country.

Please contact our regional representative regarding individual availability in your respective market. SeeLyra and enVista Envy are trademarks of Bausch & Lomb Incorporated or its affiliates.

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INVISIBLE LASER RADIATION
AVOID EXPOSURE TO BEAM
LASER CLASS 3B

Wavelength:	1015 - 1055 nm
Pulse duration:	170 - 320 fs
Maximum pulse frequency:	507.5 kHz
Maximum output power:	1.10 W

IEC 60825-1: 2014

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See better. Live better.