Laser Cataract Surgery

NEW TECHNOLOGY • PRECISION CHANGES EVERYTHING

Custom Capsulotomy

Custom Lens Fragmentation

Custom Result

Comfort

Unique Liquid Optics™ Interface maximizes patient comfort by minimizing intraocular pressure rise

Custom Approach

Sophisticated 3D image of the eye customizes the treatment to the eye’s anatomy

Unmatched Precision

Treatment within tens of microns of intended size (width of human hair is 85-100 microns)

Enhanced Safety Features

Advanced 3D images ensure the laser pulses are delivered only to the intended area

Ideal Preparation for IOL Placement

Accurate placement of the lens to optimize performance/outcome of IOL

Cutting Edge Technology

Cataract surgery is constantly evolving. At Jones Eye Clinic, we specialize in surgery of the eyes and face and are able to reinvest in the most advanced technologies. Our surgeons combine their expertise with the latest advances to give your patients the best care available.

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For more information visit us on the web at www.joneseye.com/catalys

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Catalys Clinical Results:

**Custom Capsulotomy**

**Manual vs Catalys Cataract Surgery**

- **Manual Capsulorhexis**
- **Catalys Capsulotomy**

- **Capsulotomy Shape**
  - More predictable and precise cuts
  - More predictable outcomes
  - Improved results

**Programmable Fragmentation**

**Impact on Effective Phaco Time**

- ![Graph showing 96% reduction in effective phaco time compared to standard technique](image)

Data courtesy of Prof. Burkhard Dick, MD, PhD, Ruhr University Eye Hospital, Bochum, Germany. Member of OptiMedica Medical Advisory Board.

**Novel Liquid Interface**

**Minimal IOP Rise • Increased Patient Comfort**

- Liquid Optics has >4x reduction in IOP rise at procedure suction pressure vs curved lens patient interface.

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