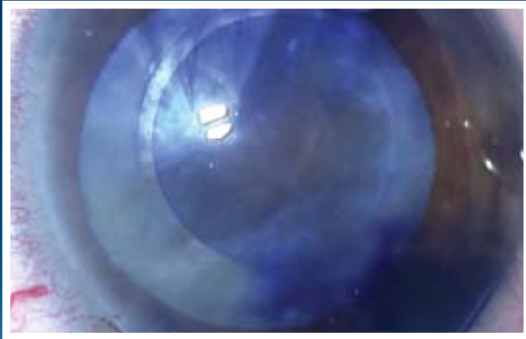
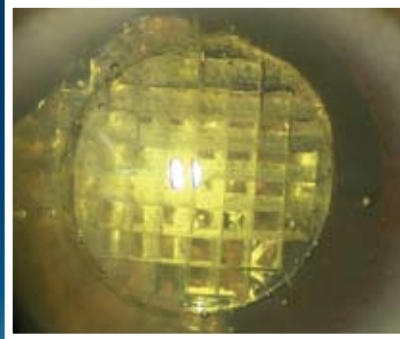


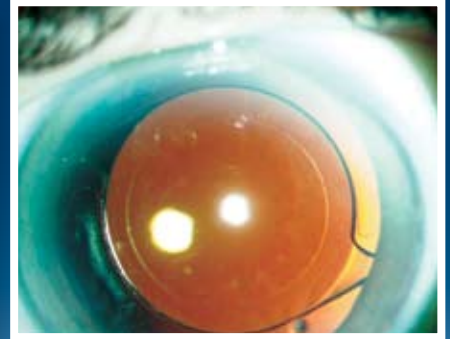
Laser Cataract Surgery



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 ensures 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.



Accredited by the
ACCREDITATION ASSOCIATION
for AMBULATORY HEALTH CARE, INC.



EYE CLINIC

- ✓ Precision
- ✓ Accuracy
- ✓ Predictability
- ✓ Superior Results

Jason Jones, MD

Yian Jones, MD

George Jin, MD PhD

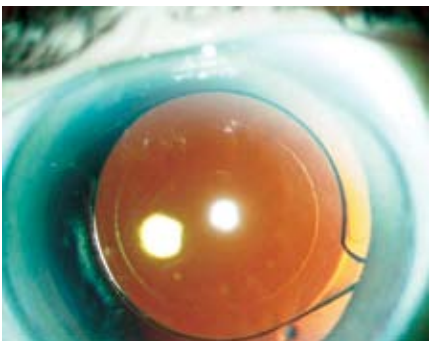
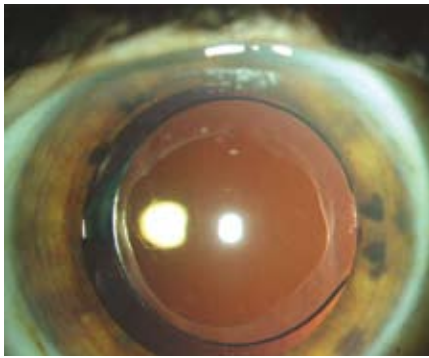
Charles Jones, MD

Wing Hsieh, OD

Andrea McCann, OD

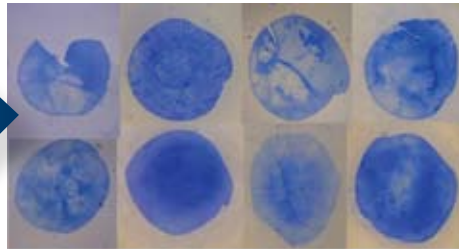
Catalys Clinical Results:

Custom Capsulotomy

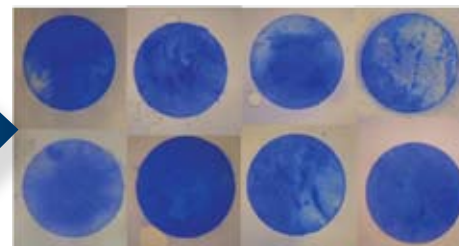


Manual vs Catalys Cataract Surgery

Manual Capsulorhexis



Catalys Capsulotomy



Capsulotomy Shape

More predictable and precise cuts



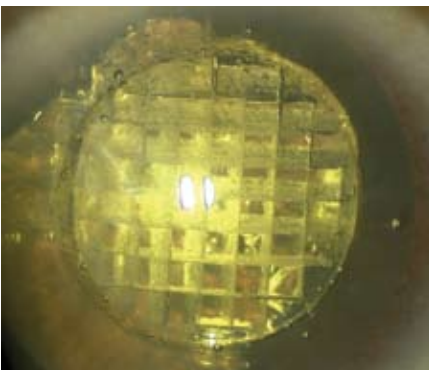
More predictable outcomes



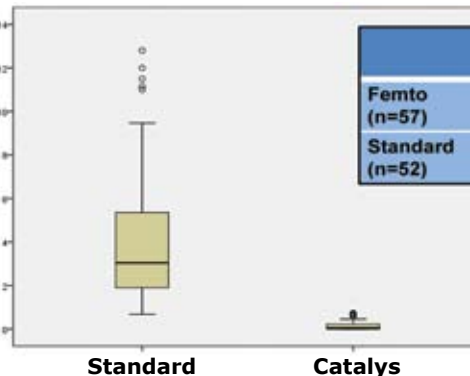
Improved results

Programmable Fragmentation

Impact on Effective Phaco Time



Effective Phaco Time (seconds)



96% reduction in effective phaco time compared to standard technique

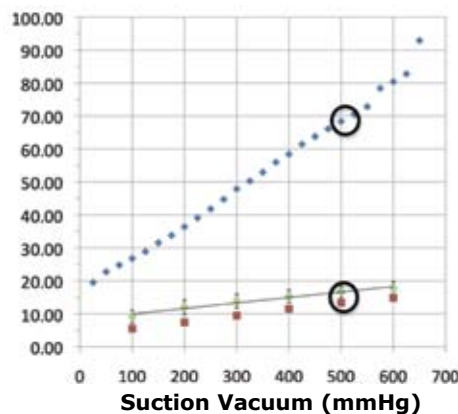
Data courtesy of Prof. Burkhard Dick, MD, PhD, Ruhr University Eye Hospital, Bochum, Germany. Member of OptiMedica Medical Advisory Board.

Novel Liquid Interface

Minimal IOP Rise • Increased Patient Comfort



IOP Rise (mmHg)



- Curved Lens porcine (n=6)
- Liquid Optics porcine (n=3)
- Liquid Optics cadaver (n=6)

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