

the Ophthalmologist™

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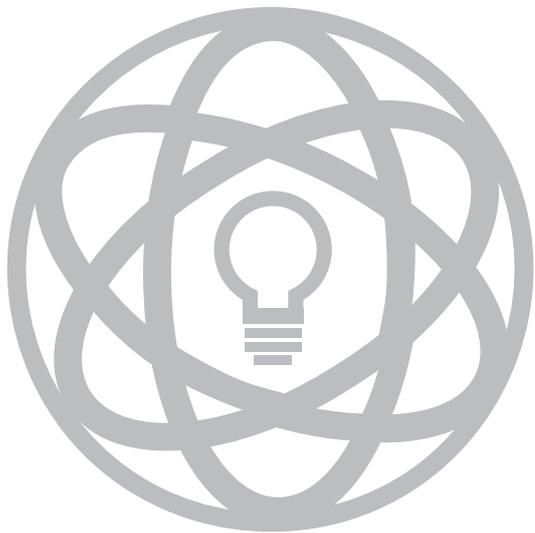
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The Innovators

A showcase of the brightest
technology of 2017

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THE INNOVATORS 2017



The field and practice of ophthalmology is constantly being shaped by the driving force of innovation. As one of the most innovative fields in medicine, ophthalmology is often at the forefront of cutting-edge technologies and treatments. Here, some of the leading innovators from the ophthalmic space present their latest and greatest offerings: from imagers and diagnostics, to cutting edge refractive surgery and glaucoma care.

DISRUPTING 25 YEARS OF CCC

Precision Pulse Capsulotomy and the birth of a better device

Capsulotomy is the heart of cataract surgery – get it right and the rest follows. For the last 25 years, the standard of care has been continuous curvilinear capsulorhexis (CCC). Though developments in femtosecond laser technology have aimed to replace the manual rhexis procedure, there are cost factors and difficulties associated with the procedure.

Mynosys co-founders David Sretavan and Chris Keller realized that the world did not need another capsulotomy device, it needed a better one – a device that would enhance patient outcomes with premium IOLs. The goal led to their Precision Pulse Capsulotomy concept – and the Zepto Automated Capsulotomy Device was born.



The innovative and disruptive device creates anterior capsulotomies precisely on the patient's visual axis: a 360 degree capsulotomy can be created in 4 milliseconds, and the resulting edges are stronger than those created by CCC or femtosecond laser.

One of the key milestones in the company's history was finding the perfect blend of suction, energy pulse and nitinol for the capsule suction tip. With a CE mark, FDA clearance and a successful FDA clinical trial under its belt, what's next for Zepto? Mynosys plan to continue innovating in capsulotomy by developing devices of different sizes and for new uses, such as pediatrics.

This device has a CE Mark and FDA clearance.