



## **Introduction**

- Established more than 9 years ago at the Doheny Eye Institute at University of Southern California, Eye Concepts has flourished under the guidance and direction of Mark Humayun, MD, PhD, Professor of Ophthalmology and Biomedical Engineering.
- Also instrumental to the success of Eye Concepts is the leadership of Ralph Kerns who has more than 30 years of experience in medical device development and who directs the day to day activities of the lab. Dr. Humayun and Mr. Kerns work with an extremely talented group of engineers and machinists to reduce novel surgical concepts into practice.
- Eye Concepts has built a reputation for advancing the art and science of microsurgery. We succeed by identifying potential areas of innovation, generating unique solutions to clinical obstacles, and rapidly develop conceptual ideas into near-market ready products.
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- Eye Concepts placing engineers within a clinical setting and providing them with the resources needed to advance the science of surgical devices. Eye concepts members have the opportunity to work intimately with surgeons and clinical personnel in almost any field of medicine. It is this highly collaborative environment which makes Eye Concepts truly unique as a bridge between surgeons and industry
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- Eye concepts today is focused upon four core areas of synergistic research and product development: instrument design & development, surgical augmentation devices, operative diagnostic technologies and microsurgical education.

## **Mission Statement**

- Eye Concepts is dedicated to improving patient care through biomedical engineering research and development of innovative devices for microsurgery.
- Eye Concepts is also focused on the education of students and offers internships for students and is very interested in educating students by allowing them to work on industry targeted projects

## **Services**

- Research in manipulation, illumination and visualization of Biological tissue
- Microsurgical device fabrication
- Product evaluation

## **Contact:**

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