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Meet the Inventors

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External Link(s)

- [From the lab of Dr. Mark Goerlitz-Jessen](#)

A designated instrument for removing intraocular lenses

Unmet Need

Cataract surgery is one of the most common procedures in the world with 10 million completed every year. While usually a safe and permanent procedure, the intraocular lens (IOL) that was originally placed can require removal and replacement in 3% of these cases. There are currently no devices available designated for the removal of intraocular lenses, which creates a challenge for ophthalmologists. Physicians typically use a combination of instruments meant for other procedures or scissors to cut the IOL prior to removal with a different tool. There is a need for improved tools designated for IOL removals to improve patient outcomes.

Technology

The inventors have reported a single instrument designed for ophthalmologists to use when removing intraocular lenses. These are extraction forceps with three prongs that fold IOLs for easy removal with a single device. A prototype has been developed.

Advantages

- Offers the first designated device for removing intraocular lenses
- Reduces number of tools and incisions needed by ophthalmologist
- Could improve patient outcomes

