



## About Azalea Vision

1. We're developing the first intelligent, **lens embedded system** designed for real-time clinical impact.
2. Our platform combines adaptive optics, embedded electronics, and seamless connectivity.
3. We're addressing vision correction and monitoring health in a way that nobody has done before.

## What is unique about Azalea?

What makes Azalea different is that we're not just improving vision—we're reimagining how vision care works.

- Our solution **senses and adapts** in real time to patient vision needs. (autonomous)
- Designed to enable the future of **continued health monitoring**. (biosensing)
- We facilitate human device interactions through a **connected** medical wearable technology. (connectivity)

## First Application

- Our first application targets keratoconus and other corneal irregularities, improving visual acuity by diminishing higher order aberrations (HOA).
- It's a lens-embedded solution, rechargeable overnight, designed for real-world patient use.

## Future

Looking forward, we're building toward:

- Tear-based biosensing (i.e., glucose, IOP, MMP9, etc.) (diagnosis)
- Precision drug delivery for ocular conditions (therapy)
- And expansion into AR/VR-ready adaptive optics (forward looking)

We see the eye not just as an organ, but as a connected interface—one that can see better, adapt smarter, and even diagnose from within.

More info at: [www.azaleavision.com](http://www.azaleavision.com)



## ALMA Smart Lens solution



CONTACT LENS (FRONT)

RE ANTENNA

CONTACT LENS (BACK)

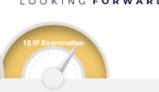
ASIC


LCD-RINGS


MICRO BATTERY

The smart lens features an embedded diaphragm acting as a light filter, increasing visual acuity


### LOOKING FORWARD








Eye Care Practitioner selects therapy program



Adapt on the go to daily changes (drive, read, walk in the park)



Run cleaning cycle of the scleral lens during the night