

One-Liner

RetinaLogik offers a portable, VR-based visual field testing platform intended to replace traditional, cumbersome diagnostic equipment in optometry and ophthalmology clinics.

1. Problem & Solution

Traditional visual field testing is time-consuming, requires specialized space, and is often uncomfortable for patients, leading to workflow inefficiencies and potentially unreliable results. RetinaLogik solves this by offering a portable, patient-friendly VR headset (RVF200) that streamlines the testing process, improves patient comfort, and integrates directly into clinic workflows, reportedly boosting efficiency by over 30%. The platform supports multiple core eye exams, offers prompts in 35+ languages, and provides data designed to support clinical decision-making.

2. Market Opportunity

The target market includes ophthalmologists, optometrists, and eye care clinics globally. Competitors include traditional visual field testing equipment manufacturers (e.g., Zeiss, Humphrey) and emerging VR-based diagnostic companies. The market opportunity is substantial, driven by the increasing prevalence of vision impairment and the growing demand for efficient and patient-friendly diagnostic tools. The WHO estimates over two billion people live with vision impairment, with at least half of these cases being preventable or treatable. RetinaLogik claims to be in 5+ countries across 3 continents.

3. Traction & Signals

- **Funding:** Raised \$3.67M total, including a \$783,000 pre-seed round led by HaloHealth in early 2024 and a previously unreported \$1.1M round a year prior.
- **Adoption:** Testimonials from practicing optometrists and CFOs indicate improved workflow, enhanced patient experience, and seamless EMR integration. Reported improvements in clinic space usage, patient comfort, and reduced time-to-test by technicians. Reported 95% patient preference over traditional methods.
- **Technology:** Originates from a University of Calgary spin-out, with technology validated in peer-reviewed journals and collaborations with Canadian ophthalmologists and optometrists. Claims to use AI for enhanced progression analysis.
- **Team:** Founded by Dr. Sarhan, whose PhD focused on applying deep learning to glaucoma.

4. Verdict

Bull:

- Addresses a clear pain point in a large and growing market.
- VR-based solution offers significant advantages in terms of portability, patient comfort, and workflow efficiency.
- Early traction and positive user feedback suggest strong product-market fit.
- Backed by university research and clinical validation.

Bear:

- Mosaic score decreased by 12 points in the last 30 days.
- Competition from established players with significant market share.
- Early stage company with execution risk related to scaling production, sales, and support.
- Reliance on clinical validation, which can be slow and expensive.