

OPTIVIR

There is a lack of eyecare systems to effectively test contrast sensitivity in the current marketplace. OPTIVIR uses virtual reality to provide the next generation of Eyecare testing, capable of testing visual acuity and contrast sensitivity in a virtual world. This enables easy portability of the test equipment and on the spot assessment and reports coming from the contrast and visual acuity tests.

Background:

Problem: No systems exists to effectively measure the quality of a person's visual experience.

Why it matters: The real world is not in black & white but current test practice won't measure natural contrast. Improving measurement will improve how vision can be assessed and treated.

The Technology:

OPTIVIT SOLUTION: The capability to test visual acuity & contrast sensitivity in a virtual reality environment.

Clinical grade

Controlled environment

Portable

No clinic size constraints

Benefits:

- Ability to test visual acuity and contrast sensitivity.
- Opticians can create customer protocols for use with the OPTIVIR software.
- Opticians – can utilise the web based client to access from a variety of platforms
- Developers an access raw test data and expand the software in future upgrades
- Opticians can view patient records through the UI patient record dashboard as well as view reports highlighting historical data can current prescription.

IP Status:

The Intellectual property outlined above is the subject of a patent application. Further prosecution of this patent or alternative IP protection strategies will be considered in the context of commercial licensee requirements.



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