



WIT Technology Offering

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 exist 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:

Features

- Ability to test visual acuity and contrast sensitivity.
- Opticians can create custom protocols for use with the OPTIVIR software.
- Opticians - can utilise the web based client to access from a variety of platforms.
- Developers can 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 and 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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