

Ora-VCF™ Contrast Test

Ophthalmic leaders paving the way with posterior research and innovation

As part of Ora’s endpoint program for age-related macular degeneration (AMD), the Ora-VCF™ test is a software-based contrast sensitivity test that presents a flickering stimulus on a specific background on a computer display. The test is transitioning from traditional desktop equipment to laptop/tablet devices.

VALIDATION OF VARIABLE CONTRAST FLICKER TEST

Test-retest repeatability and reproducibility

N = 21; 7 normals, 14 AMD

- Repeatability: Tests performed twice on the same day, 1 hour apart
- Reproducibility: Same tests done again 2 weeks later

Results: Percent Agreement

	REPEATABILITY	REPRODUCIBILITY
VCF	82.1 %	88.9 %

Software validation

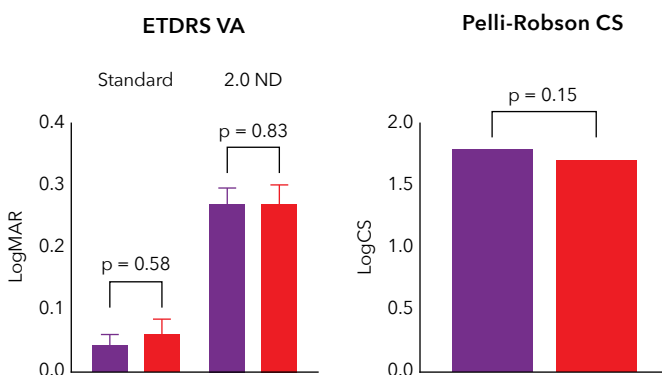
- The VCF test is presented using a customized program
- Part 11 compliant software validation completed

Summary

- **VCF test was able to differentiate normal vs. non-advanced AMD group, while some current common tests such as ETDRS VA and Pelli-Robson CS did not**
- VCF test could be used to assess visual function in clinical trials
- VCF test could also be used to identify subjects with underlying visual dysfunction for screening

RESULTS

Commonly used tests/endpoints



■ Normal N = 34 ■ Non-Advanced AMD N = 27

Variable Contrast Flicker (VCF) test

