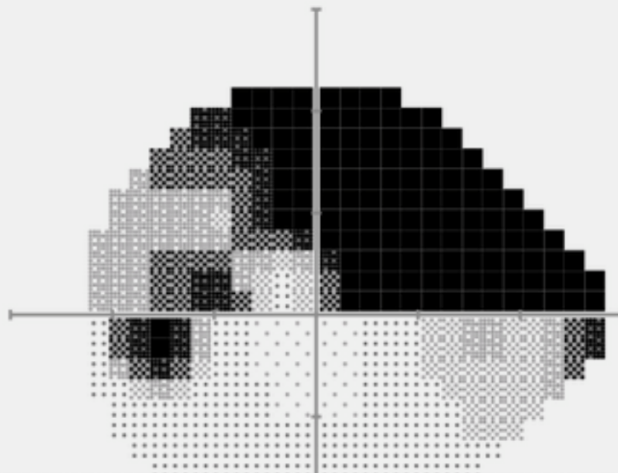


VIRTUAL FIELD

Built in-house, validated independently.



280,000

Fields Completed

50

U.S. States

1

Clear Result

ARVO 2021

Static automated perimetry using a new head-mounted virtual reality platform, Virtual Field, compared with the Humphrey Field Analyzer in glaucoma and optic nerve disease

“Using a combinatory criterion of PSD ($>2\text{dB}$), GHT (outside normal limits) and “cluster” cut-offs, there were no significant differences between devices in identifying the presence of disease (6 cases identified by only Virtual Field, 1 only by the HFA, 31 by both, and 5 by neither).”

University of New South Wales

<https://iovs.arvojournals.org/article.aspx?articleid=2773145>

AAO 2020

The Role of Virtual Reality in Visual Field Testing when Standard Automated Perimetry is Not Available

“Based on HAP criteria VRVF has the potential to detect moderate to severe visual field defect with acceptable sensitivity and specificity when standard automated perimetry testing is unavailable or infeasible.”

Bascom Palmer Eye Institute

ARVO 2021

Comparison of Virtual Reality Visual Field Testing to Humphrey Visual Field Testing in an Academic Ophthalmology Practice

“VVF demonstrated no difference in ratio of fixation losses (mean difference -0.08 , $p=0.45$) or number of false negatives (mean difference 2.07% , $p=0.05$) but had significantly less false positives (mean difference 5.13% , $p=0.05$). There was no statistically significant difference in the mean deviation of the VVF compared to the HVF (mean difference 4.11 , $p=0.45$).”

Stony Brook University

<https://iovs.arvojournals.org/article.aspx?articleid=2776074>

ASCRS 2020

Comparison of a Virtual Reality Visual Field Program to the Zeiss Humphrey 24-2 SITA Standard in a Comprehensive Ophthalmology Practice (ASCRS, 2020)

“Pearson’s correlation coefficient for virtual field index, mean deviation, and pattern deviation were 0.93 ($p<0.00001$), 0.85 ($p<0.00001$) and 0.79 ($p<0.00001$), respectively. Interclass correlation coefficient were 0.99 , 0.74 , and 0.81 , respectively.”

UT Health San Antonio

<https://ascrs.confex.com/ascrs/20am/meetingapp.cgi/Paper/61842>