

UNTETHERED, FAST & ACCURATE

Virtual Eye

Transform Your Practice with Next Gen
VR Visual Field Testing & More



Streamline your practice with **Virtual Eye**

Developed and researched at Bascom Palmer Eye Institute - Virtual Eye is a VR visual field testing device that eliminates the constraints of traditional SAP. Completely wireless and untethered, Virtual Eye offers unparalleled accuracy and ease of use.

The Virtual Eye helps us take patient care to the next level. Patients love it. It's comfortable, it's fun, and they actually do better with it than SAP.



Mark A. Latina, MD
Advanced Glaucoma Specialists
Reading, MA



THE VIRTUAL EYE EXPERIENCE



24-2, 10-2, screening (< 1 min), progression analysis, color sensitivity, pupillography, and much more.



Frequently used test modalities, reporting accuracy and reliability comparable to gold standard.



Comfortable patient experience that reduces testing fatigue and chair time.



Untethered design eliminates need for a dedicated dark room and frees up staff to perform other tasks.



Normative patient database collected from over 450 Bascom Palmer patients.



Increase revenue growth (~\$50/exam) + ADA Tax Incentive.



Cloud-based technology provides continuous software upgrades at no extra cost.



Affordable price makes reliable next-gen technology accessible to practices of all sizes.



Virtual assistant instructs and coaches patients in 17 languages and growing.



Tests can be conducted with patient's own glasses making patient setup seamless.



A better way to test and diagnose patients.

Incorporating VR Visual Field (VRVF) technology into your practice is easy.

You have your most frequently used patterns and modalities—**without the giant bowl, dark room, or trial lenses.**

	Elite S+	Pro
5-2, 10-2, 24-2, 24-2 C, 30-2	✓	✓
Superior 64 and 36	✓	✓
Full Field 120	✓	✓
Esterman Test	✓	✓
Screening	✓	✓
Full Threshold	✓	✓
Suprathreshold	✓	✓
Stimulus size III, V (I-VI)	✓	✓
Heijl-Krakau Blindspot Method	✓	✓
14 Plate Ishihara Color Test	✓	✓
Visual Acuity	✓	✓
Waggoner Extended Color Vision Test ¹	✓	✓
Ocular Motility		✓
Cover testing		✓
Multi Exam Suite		✓
Tobii Precision Eye Tracking		✓
High Res Image Capture with External Camera		✓
Live Eye Streaming and Monitoring		✓
Pupillography		✓

¹Optional Upgrade

Empower your practice and enhance patient care

Virtual Eye's advanced technology equips eye care professionals with precise diagnostics and patient-friendly testing, revolutionizing the way you deliver eyecare. Improve efficiency, accuracy, and patient satisfaction—and ensure superior outcomes, while elevating your practice.

26%

Shorter times on average than traditional SAP²



Patient-Friendly

Reduces discomfort during testing, resulting in higher patient satisfaction and compliance.

Diagnostic Insights

Overview printout with trend analysis aids in early disease detection and effective management of patient eye health.

Easily Sanitize

Synthetic leather facial cushion offers an improved and quick disinfection process between uses.

Cyber Secure

Patient information and records are secured using 256-Bit encryption for HIPAA and BAA compliance.

Comfortably and easily engage patients of all ages

Virtual Eye is loved by patients of all ages. Testing is comfortable, faster, and streamlined from beginning to end. Accurately assess patients in a position that's most comfortable for them.



Explore the benefits of Virtual Eye and schedule your demo.

 RESEARCH-BACKED TECHNOLOGY

Clinically validated by robust research

Preliminary Retrospective Validation of a Novel Virtual Reality Visual Field Standard Testing Algorithm, as Compared to Standard Automated Perimetry.

Munshi H, Da Silva K, Savatovsky E, Bitrian E, Grajewski AL. ARVO Annual Meeting, Denver, CO. May 1st – 4th, 2022.

Establishing a normative database in a pediatric population using a virtual reality visual field test.

Da Silva K, Munshi H, Savatovsky E, Grajewski AL. UKPGS Annual Meeting, London, UK. February 5th, 2022.

Novel Pre-Visual Field Algorithm Improves Performance and Predicts Visual Field Defects.

Munshi H, Ziff M, Bitrian E, Chang TCP, Grajewski AL. AAO Annual Meeting, New Orleans, LA. November 12-15, 2021.

²Value-Cost Analysis and Comparison of Standard Automated Perimetry and Head-Mounted Perimetry.

Award: Real Word Ophthalmology 1 of 10 top poster presentations 2023

Goodman D, McLaughlin D, Munshi H, Bitrian E, Hodapp E, Grajewski AL. UKPGS Annual Meeting. London, UK, January 26, 2024.

Reliability of Visual Field Testing in a Telehealth Setting Using a Head-Mounted Device: A Pilot Study Award: Journal of Glaucoma Article of the Month

McLaughlin DE, Savatovsky E, Vanner E, Munshi H, Pham AH, Chang TC, Grajewski AL. Journal of Glaucoma 33 (1): p 15-23, January 2024.



Discover our complete
library of clinical support.

WHAT CUSTOMERS ARE SAYING

"I've been using Virtual Vision's VR visual field device for over a year now—and I love it. It's affordable, has no wires, requires very little space, and frees up techs."



Mark A. Latina, MD
Advanced Glaucoma Specialists

"We actually take the Virtual Eye headset to some patients who can't (or don't want to) come into the clinic. It's durable and super portable—all we need is Wi-Fi or a personal hotspot and we can perform the visual field tests anywhere."



Kay Khine, MD
Focus Eye Center

"Virtual Eye is replacing technology that hasn't changed in 40 years. It's addressing challenges that many doctors have come to accept as standard with SAP."



John A. McGreal Jr., O.D.
Missouri Eye Associates

"The ease of use of the device and enhanced patient comfort over traditional SAP is a huge technological advance."



Sean McCafferty, MD
MD Arizona Eye Consultants

 REPORTS THAT MIRROR THE GOLD STANDARD

Standard Thresholding

24-2 Virtual Eye VRVF

Right Single Field Analysis

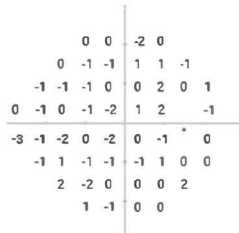
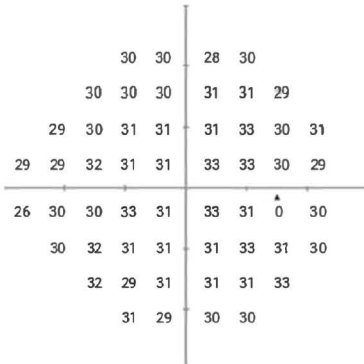
24-2 Standard

24-2 Standard

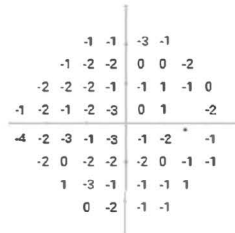
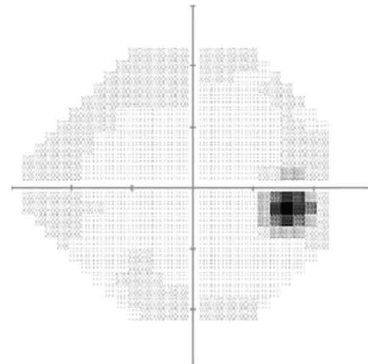
Fixation Target: Central Point
Fixation Losses: 1 / 12
False Positive Errors: 0%
False Negative Errors: 2%
Test Duration: 04:37

Stimulus: III. Isabelline
Background: Black
Strategy: Standard
Pattern: 24-2

Date: 08/15/2021
Time: 7:51 PM
Age: 61

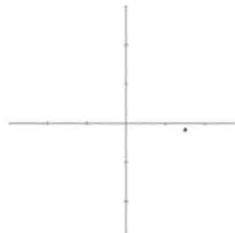
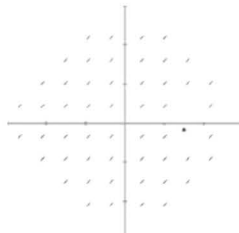


Total Deviation



Pattern Deviation

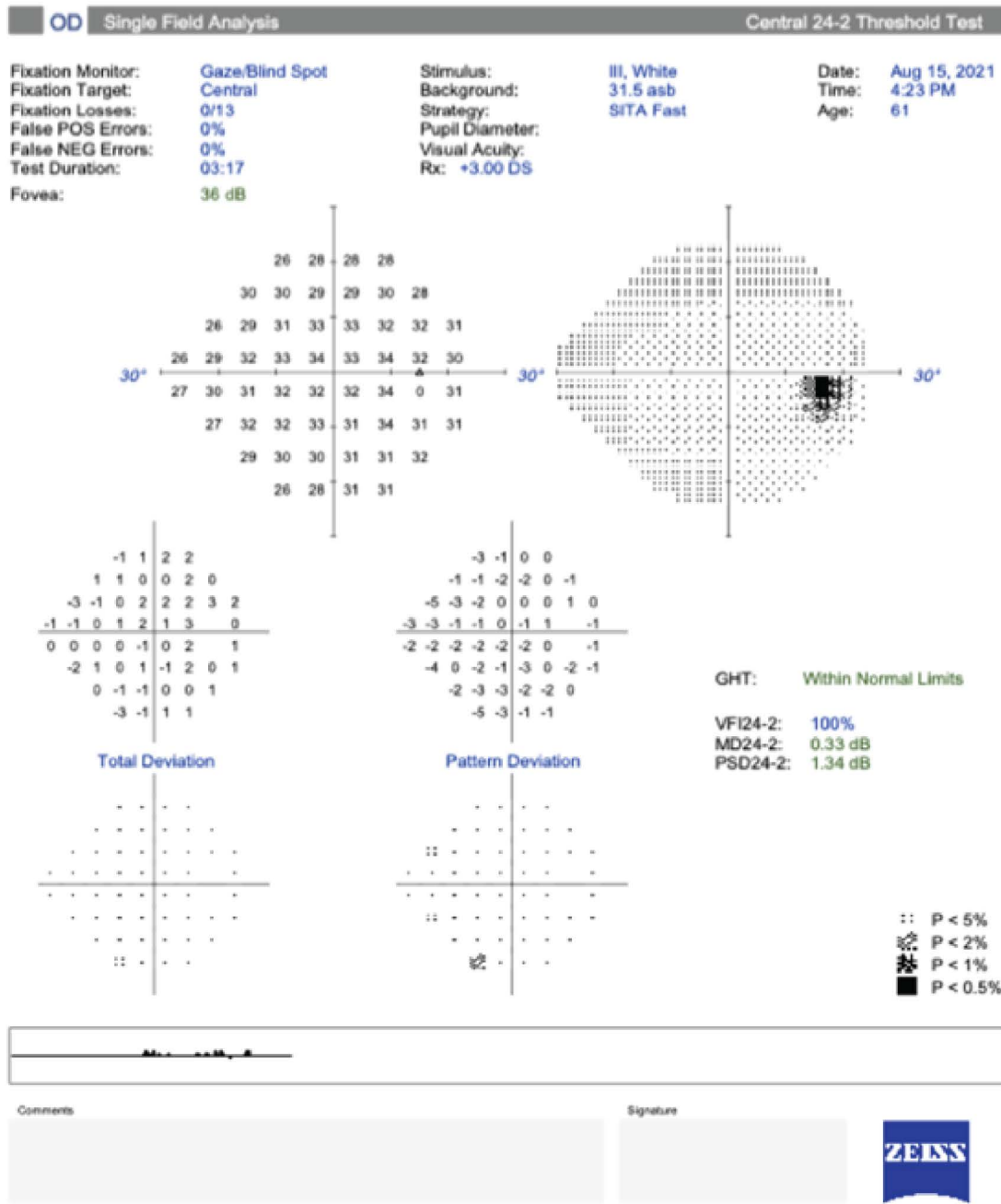
VFI: 100%
MD: -0.41 dB
PSD: 0.88 dB



 P < 5%
 P < 2%
 P < 1%
 P < 0.5%

Standard Thresholding

24-2 HFA

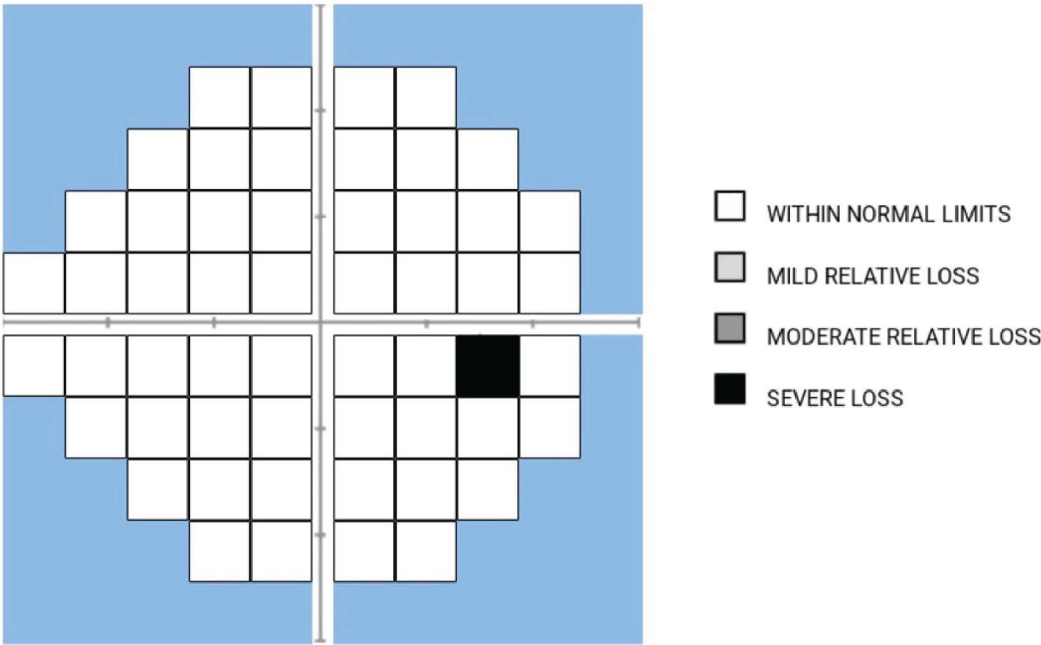


 REPORTS THAT MIRROR THE GOLD STANDARD

Regular Screening

Virtual Eye VRVF

Right Single Field Analysis	24-2 Screening	24-2 Screening
Strategy: Screening	Pattern: 24-2	Eye: Right (OD)
Fixation Target: Central Point	Stimulus Size: III	DOB: 2000-06-05
Questions Asked: 54	Colors: White on Black	ID: 1
Exam Duration: 00:51	False Positives: 0 / 2	Date: 06/10/2022
Fixation Losses: 0 / 3	False Negatives: 0 / 2	Time: 3:34 PM CUT



Seen: 53 / 54

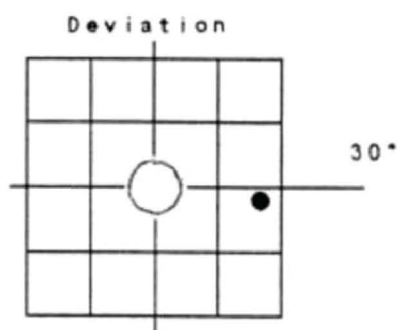
Missed: 1 / 54

Regular Screening

FDT

RIGHT EYE

Test Duration: 00:41 min



FIXATION ERRS: 1/3
FALSE POS ERRS: 0/3

Probability Symbols

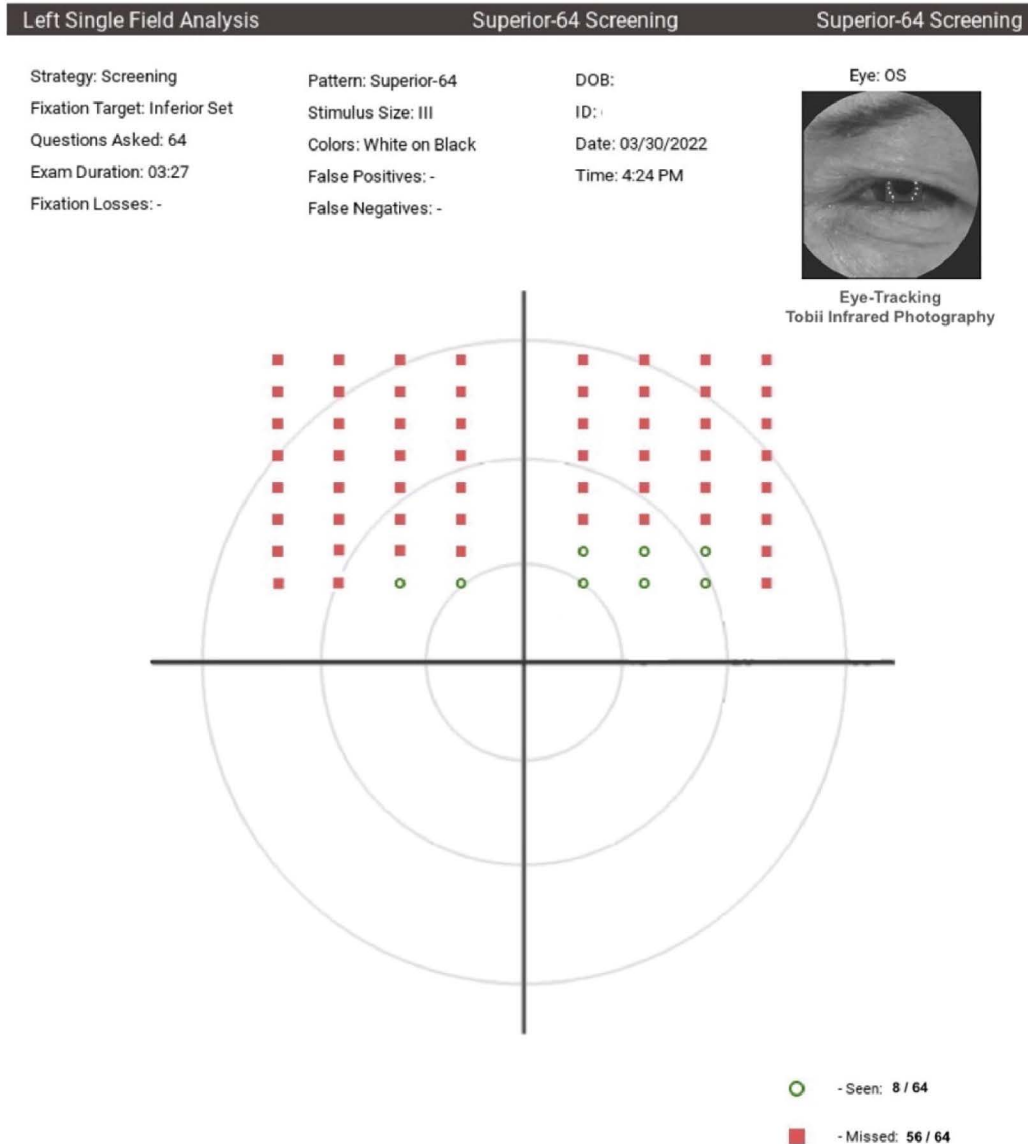
	P ≥ 5%
	P < 5%
	P < 2%
	P < 1%



 REPORTS THAT MIRROR THE GOLD STANDARD

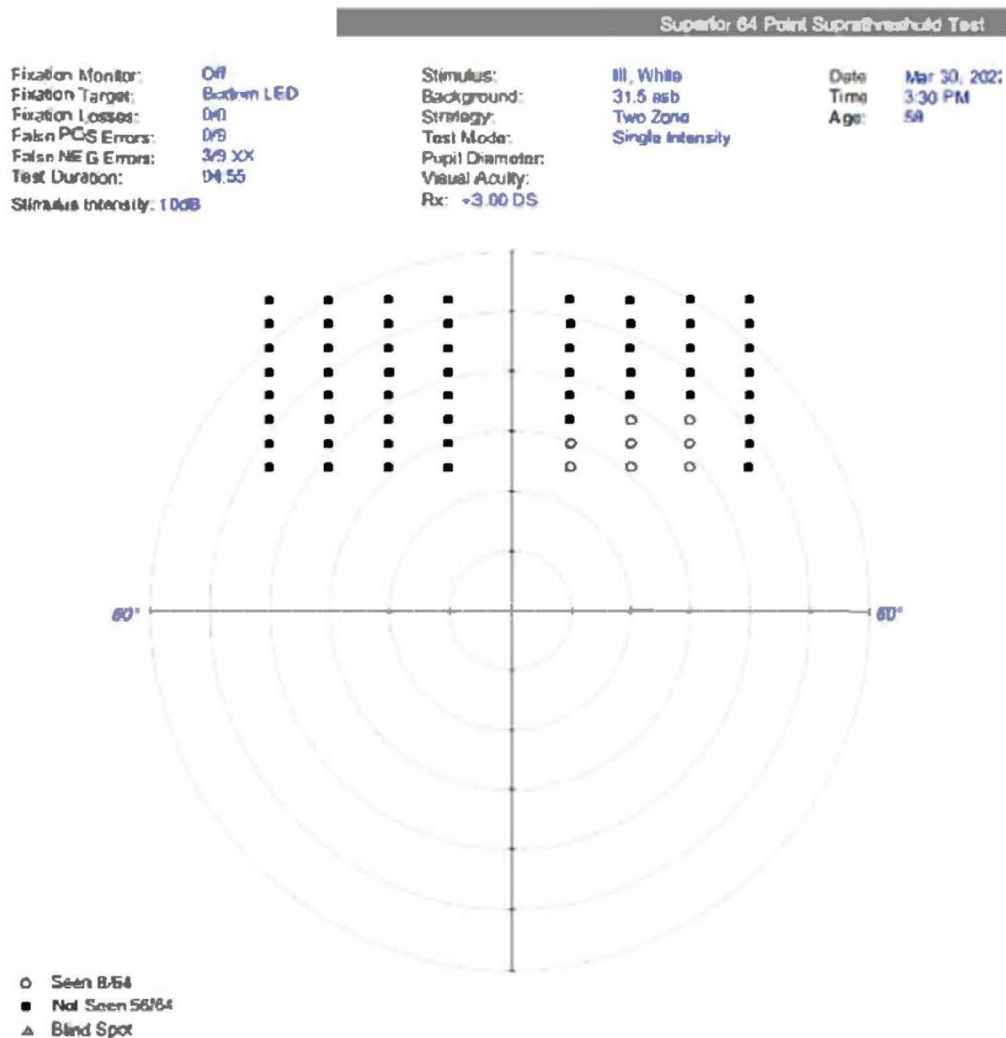
Superior 64 Ptosis Screening

Virtual Eye VRVF



Superior 64 Ptosis Screening

HFA



WHAT DRIVES US FORWARD

Virtual Vision Health is dedicated to revolutionizing eye care diagnostics and disease management by offering affordable and accessible solutions to physicians, which enables them to provide the best possible care to their patients—no matter where they are.

Our commitment to staying on the cutting edge of innovation ensures that our customers have access to the most advanced and reliable technology. Our dedication is ongoing and we strive to offer unparalleled support so our customers are always empowered to deliver exceptional care to their patients—while driving efficiency and success in their practices.



Discover the future of eye care with
our transformative solutions at
<https://virtualvision.health/>

