

EyeSwift®

Eye Tracking Based Vision Assessment



NovaSight®

Comprehensive Vision Exams

Visual Acuity / Reading Analysis / Manifest Strabismus
Latent Strabismus / Fusional Reserves / Suppression
Stereo Acuity / Color Vision / Contrast Sensitivity



✓ Accurate

✓ Fast

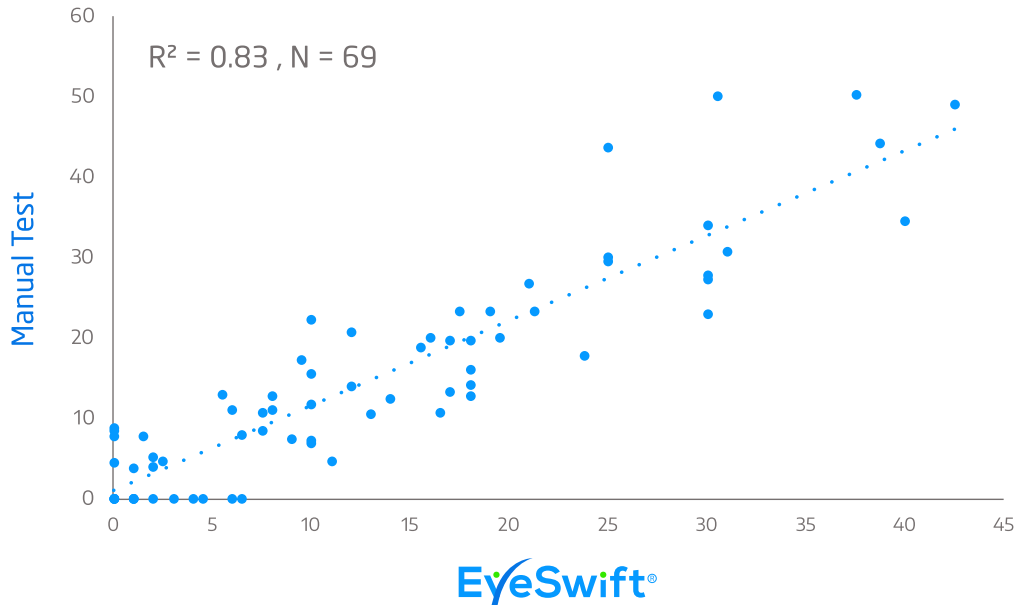
✓ Toddler Friendly



Clinical Results*

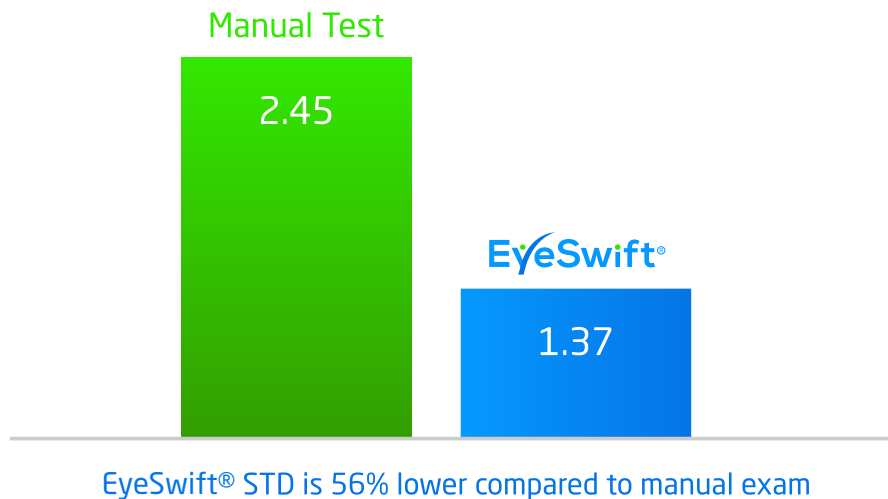
Strabismus Measurement (PD)

High correlation between EyeSwift® and manual test



Repeatability (Average STD)

$P < 0.01$



- Each child was tested twice on the EyeSwift® and by two examiners
- EyeSwift® results are more repeatable compared to manual exams

* Yehezkel O, Belkin M, Wagnanski-Jaffe T, Automated Diagnosis and Measurement of Strabismus in Children, American Journal of Ophthalmology (2020).



I can be an
Astronaut
A Clear Future Ahead

Children were born to see the future At NovaSight, we make sure they can

NovaSight brings diagnosis and treatment of common childhood vision impairments into the digital age. Our revolutionary eye tracking-based solutions aim to prevent pediatric vision loss with rapid vision assessment, and innovative amblyopia treatment. Our solutions are specially designed for the unique needs and attention spans of pediatric patients.

NovaSight®

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