Neurobit

Revolutionizing Neurological and Ophthalmic Health
with Intelligent Wearable Technology

Eye See the Brain

NeuroSwift® Pro

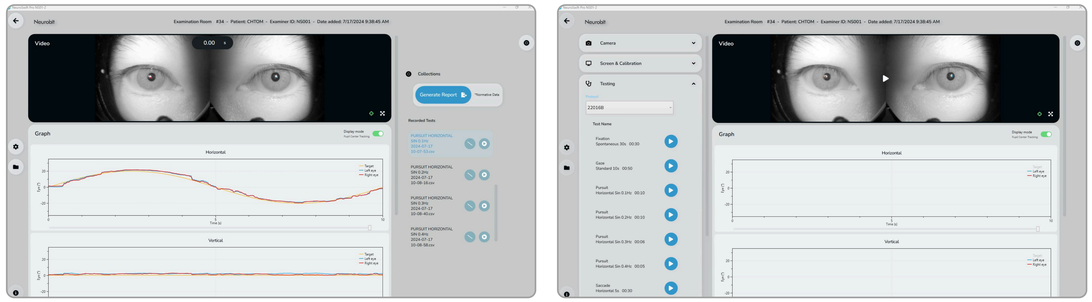
Professional Eye Movement Analysis for Comprehensive Neurological and Balance System Assessment

Video Frenzel

Oculomotor

Positional

AIVertigo



▲ User interface of NeuroSwift® Pro program

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Advanced Eye Tracking Technology
NeuroSwift Pro excels in challenging environments with high interference resistance, incorporating features like built-in pupil center detection, blink detection, iris position detection, and nystagmus detection. This technology delivers precise measurements of pupil center and gaze position, supported by angle correction for accuracy.

Reliable Data and Reporting
Built-in self-calibration enhances data stability, ensuring the reliability and accuracy of reports generated by NeuroSwift Pro. This feature provides dependable data for comprehensive analysis and diagnosis, supporting informed decision-making in clinical settings.

Enhanced Comfort and Ergonomics
NeuroSwift Pro prioritizes comfort with a balanced weight distribution that allows for extended wear without discomfort. Its ergonomic design conforms seamlessly to head curves, ensuring a snug fit for optimal user comfort. The rotary knob design facilitates secure and convenient adjustments, accommodating various head sizes effortlessly.

Superior Imaging Capabilities
Featuring a high resolution of 1280×480, NeuroSwift Pro captures detailed images of conjugate eye movements and iris textures. Its comprehensive coverage accommodates diverse facial structures and ethnicities, ensuring precise and consistent imaging quality. The lightweight structure minimizes user fatigue during prolonged use, enhancing overall usability.

Clinical Benefits and Diagnostic Capabilities
NeuroSwift Pro empowers clinicians with reliable data and comprehensive reporting capabilities for diagnosing a range of vestibular and central nervous system disorders, including:
- Benign Paroxysmal Positional Vertigo (BPPV)
- Vestibular Neuritis
- Meniere's Disease
- Central Vertigo (associated with neurological conditions)
- Hereditary Balance Disorders

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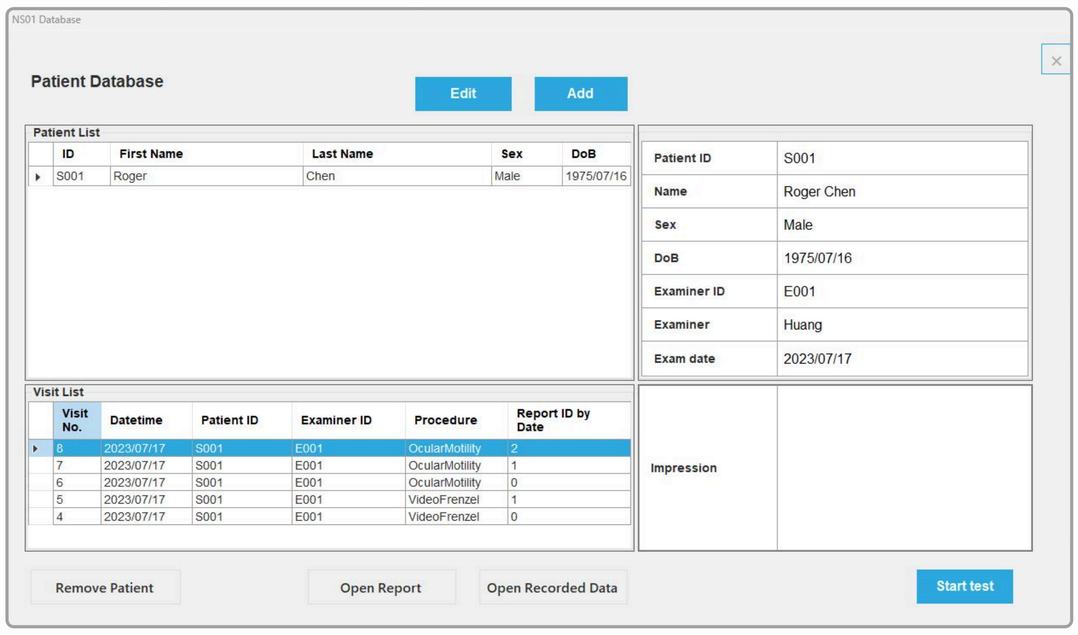
NeuroSwift®

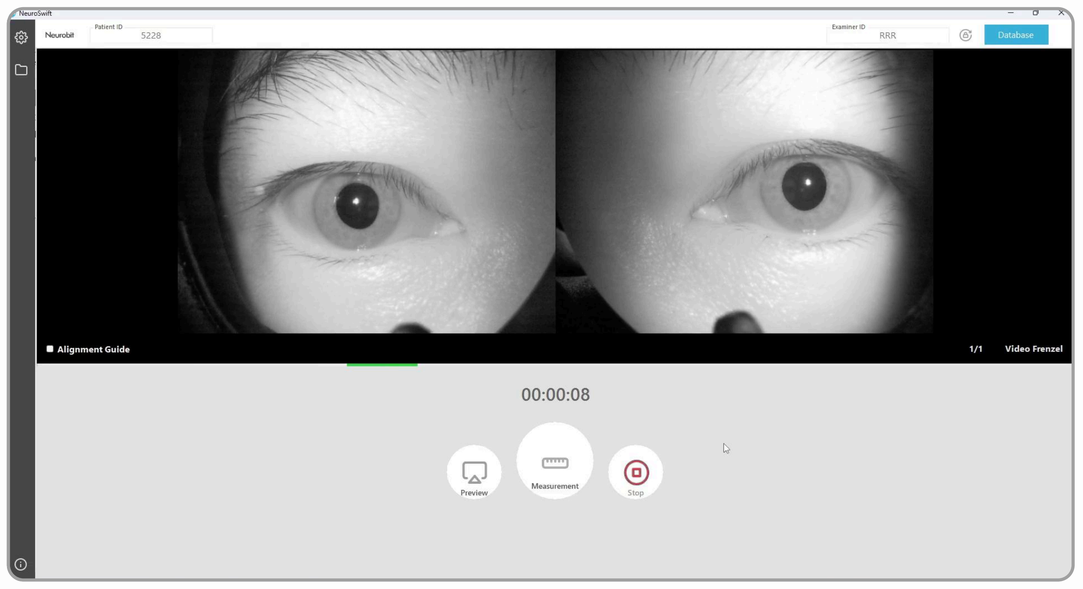
Precision Eye Tracking for Eye Movement and Strabismus Diagnostics

NeuroSwift provides a comprehensive solution for eye movement data collection and strabismus interpretation. It records eye movements in both vision and vision-denied conditions, eliminating the need for fixation. The lightweight design ensures patient comfort and allows easy recording and synchronous video display on various monitors.

With advanced strabismus diagnostics, including the alternated cover test, cover-uncover test, and 9-gaze test, NeuroSwift excels in ocular motility control and offers a complete tool for neurological and ophthalmic assessments.



▲ Patient database



▲ User interface of NeuroSwift® program

Video Frenzel

Ocular Motility Control

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Neurobit Technologies

For more product information, please contact **info@neurobittech.com**