




machine**MD**

ne^os™ - the world's first neurophthalmoscope

ESCRS iNovation® 2024

non-confidential

A woman is wearing a black VR headset. The background is blurred, showing several pairs of eyes in a blue-tinted, digital or medical setting. An orange curved shape is in the top right corner.

We believe **objective** eye exams increase healthcare provider efficiency, reduce clinical error and improve patients' quality of life



Watch the video

Unmet medical need from manual eye exams

SUBJECTIVE, TIME-CONSUMING, ERROR-PRONE



50%

of patients are initially misdiagnosed by manual eye examinations when performed in primary and secondary care, with 25% of those severely harmed as a result.^{1,2}



210

days (7 months) is the median referral time from first onset of symptoms to a tertiary care specialist who is trained to perform these manual eye movement examinations.³



45-60

minutes are needed for a specialist to perform these manual examinations, which is often too exhausting for pediatric cases and those with chronic conditions.

Eye exams are highly relevant for diagnosing and monitoring neurological disorders including Multiple Sclerosis, Parkinson's Disease, and Brain Tumors

- 1 Stunkel, L, et al. (2021). "Diagnostic Error of Neuro-ophthalmologic Conditions: State of the Science." J Neuroophthalmol 41(1): 98-113
- 2 Muro-Fuentes, E., et al. (2022). "Diagnostic Error in Neuro-ophthalmology: Avenues to Improve." Curr Neurol Neurosci Rep 22(4): 243-256.
- 3 Stunkel, L, et al. (2020). "Referral Patterns in Neuro-Ophthalmology." J Neuroophthalmol 40(4): 485-493.



neos[®] – world's first neuro-ophthalmoscope

COMBINING PROPRIETARY SOFTWARE AND WORLD-CLASS CONSUMER HARDWARE

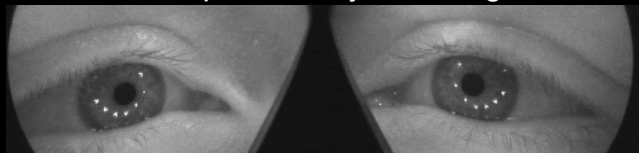
INTUITIVE

Gamified exam stimuli require no patient instruction and no subjective responses



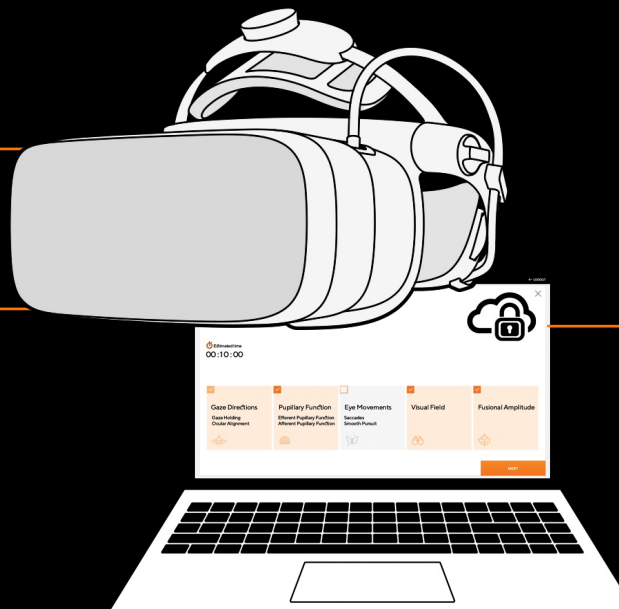
PRECISE

Industry-leading high frequency infrared cameras with AI-optimized eye tracking



SCALABLE

Cloud-based secure data processing for remote assessment and build-up of clinical database



neos[®] benefits patients, clinics and practices

SAVE COSTS THROUGH MORE EFFICIENT CLINICAL WORKFLOWS



 Download the brochure

EFFICIENT

Reduce current examination time from 45 to 10 minutes

Delegate manual test procedure from doctors to medical assistants

PATIENT CENTRIC

Enhanced patient comfort with head-mounted device

Increase inclusivity with equal response to all iris colours

REIMBURSED

Existing reimbursement codes are applicable in each market

Increase revenues through more comprehensive clinical exams