



**Every 20 seconds another
person develops Alzheimer's
Disease (AD).**

Within 30 years this rate is expected to triple.



A trillion-dollar problem

Both lost work and healthcare payments expected to exceed \$1TN in 30 years

Difficult to diagnose

Current diagnostics tend to be expensive, unavailable, and inaccurate

Misdiagnosis is also common and costly



A woman's profile is shown in silhouette against a dark background. Overlaid on her head is a complex, glowing purple and pink network of lines and dots, resembling a digital brain or neural network. A white line originates from the eye area and extends horizontally to the right, ending at the text 'in the lens'.

1

Beta amyloid, an *early* AD indicator, also accumulates in the *lens*

(Deposits have been shown to mirror those in the brain but may be detected earlier in the lens)

2



Eye ointment causes
beta amyloid to
fluoresce



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A person's profile is shown in silhouette against a bright light source. A device is attached to their forehead, and a bright, glowing light pulse is visible on the left side of their head. The background is dark with faint circuit-like patterns.

3

SAPPHIRE II - detects light emissions

This provides accurate, early testing for the AD indicator, β amyloid.

In combination with other cognitive evaluations and tests it allows for diagnosis and enables therapeutic and lifestyle management



Affordable testing - soon available everywhere

Quick, accessible diagnostics in convenient locations means catching markers of possible AD earlier



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As part of your
yearly eye exam

When used with other
cognitive tools, timely
detection can have life-
changing results



Get tested during your yearly physical

When used with other cognitive
tools, timely detection can have
life-changing results



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Easy to operate

Doctors and various kinds of technicians can quickly learn to operate the Sapphire II device



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A tool specialists
will want as well

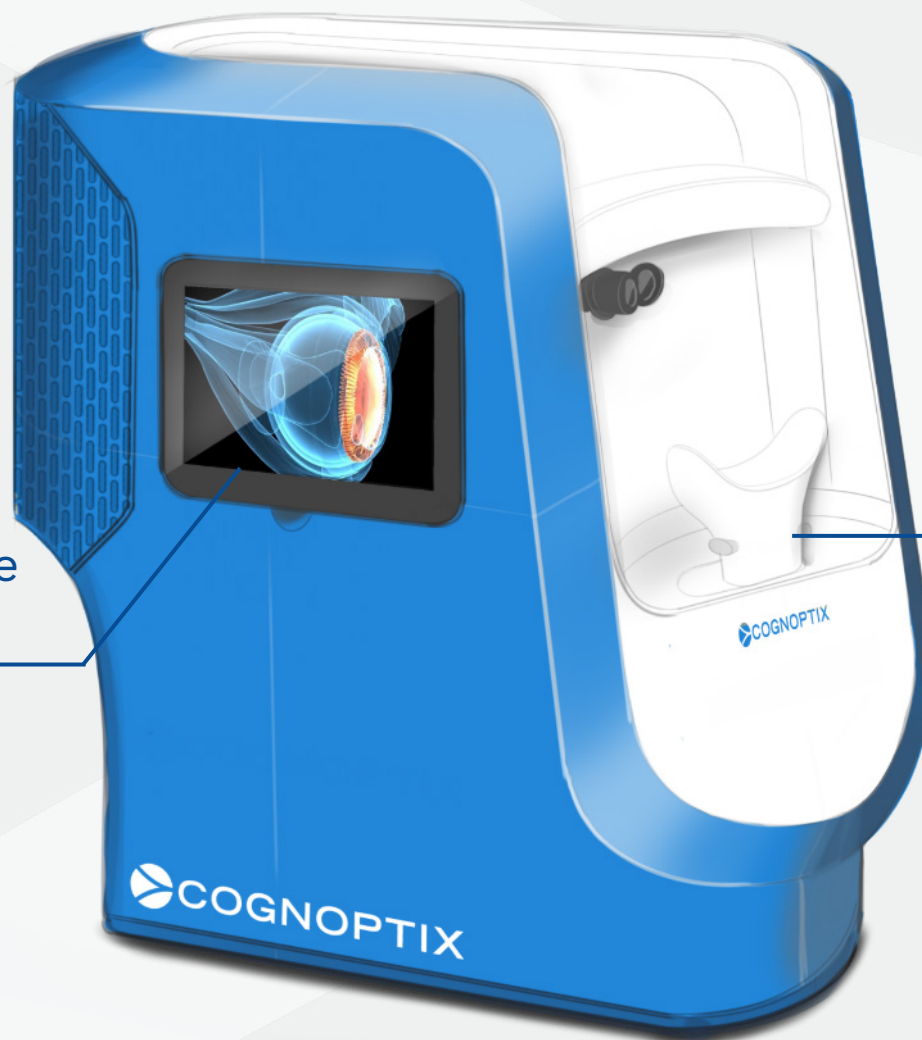
Neurologists and other
specialist will have a need for
this tool

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Sapphire III

Removeable
touchscreen for the
operator to use



- Squeeze buttons for height adjustment
- Chin rest slides side to side

The next generation is coming... Sapphire III

An even more simple and user-friendly approach for patient and operator for screening



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