

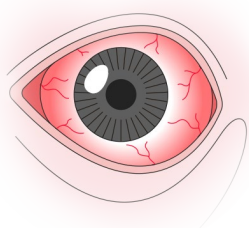


BlinkAid

dry eyes relief in a blink



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Overview

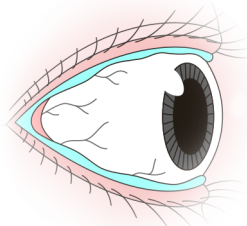
BlinkAid is an Israeli startup working to alleviate "Dry Eye Symptoms" (DES). We developed a POC, obtained the IIA incubator grant and are now developing a novel transdermal stimulation technology that will bring relief to hundreds of millions worldwide.

Background

- Year Founded: 2023
- Funds-to-date: \$1 million from:
 - Founders' Bootstrap
 - Israel Innovation Authority
 - Galil Ofek Incubator

Milestones

- Completed development of working Prototype
- IP - PCT approved. Submitted National Phase in December 2023



Problem

The sole protection of the ocular surface is provided by the tears. The blinking action mechanically spreads a fresh layer of such protective coating over the corneal. It is when this thin and transparent coating breaks, that dry eye symptoms start to occur.

Management



Yechiam Sapir
CEO (PhD)

Seasoned project manager in the neurophysiology field, both in the academia and industry.



Iftach Yassur
CMO (MD)

Ophthalmologist
Oculoplastic specialist,
Director of the
Oculoplastics Department
at Rabin Medical Center.



Raz Karl
CTO

Senior software eng.
& Industrial designer;
Internationally awarded
roboticist; Elite IDF tech unit,
top Israeli startups.



Patients

Long hours spent in front of computer screen are correlated with dry eye symptoms, with 80% and more of offices' employees reporting ocular discomfort. Specifically, people blink less frequently when visually concentrated.



Market Potential

Dry Eye causes stinging and burning sensations and is currently treated with artificial eye drops by default. 340M people (2018*) suffering from these symptoms need a more effective treatment option.



Solution

BlinkAid takes a novel approach; monitoring and compensating for any blink deficiencies with high resolution transdermal nerve stimulation to evoke a pure blink reaction automatically. The device is a wearable unit that can be integrated onto eyeglasses.

Investment Sought

BlinkAid is currently seeking to raise funds to finalize the development of advanced device, to submit for FDA approval and to carry out the initial marketing activities.