



Single TearCare® Treatment Improved Functional Visual Outcomes as well as Signs and Symptoms of Patients with Dry Eye Disease in Investigator-Initiated Trial

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The study found improvements in reading speed, vision-related quality of life, and suggested potential benefits of an interventional approach for patients with dry eye disease

MENLO PARK, Calif., Oct. 14, 2024 (GLOBE NEWSWIRE) -- Sight Sciences, Inc. (Nasdaq: SGHT) ("Sight Sciences," or the "Company"), an eyecare technology company focused on developing and commercializing innovative, interventional technologies that elevate the standard of care, announced today that a new study titled, *Impact of TearCare on Reading Speed in Patients with Dry Eye Disease*, has been published in the peer-reviewed journal *Clinical Ophthalmology*.

Key study findings reported in the study manuscript include:

- 52% of participants (N = 32) had a clinically significant improvement in reading speed after therapy with TearCare, defined as a greater than 10 words per minute increase in their International Reading Speed Texts ("IReST") score. Improvements on the IReST and the Minnesota Low Vision Reading Test ("MNREAD") reached statistical significance ($p=0.012$ and $p=0.028$, respectively).
- Ocular Surface Disease Index ("OSDI") scores and National Eye Institute Visual Function Questionnaire 25 ("NEI-VFQ-25") scores which measure symptoms and vision-related quality of life were both significantly improved after TearCare treatment (both $p<0.001$).
- Significant improvements in all dry eye disease ("DED") sign metrics ($p<0.001$), including tear break-up time, meibomian gland secretion score, and corneal fluorescein staining.

"A large portion of the patients I see in my practice experience significant issues from their dry eye disease. The disease can impact their quality of life and when it goes untreated patients can have reduced visual function," said Preeya K. Gupta, MD, senior author and Director of Triangle Eye Consultants. "We are very pleased that this study demonstrated how a single in-office intervention with TearCare addressed the visual dysfunction associated with dry eye disease."

This prospective single-center study evaluated the impact of TearCare treatment on clinical, vision-related quality of life, and functional visual outcome metrics in patients with meibomian gland disease ("MGD") associated DED. The findings suggest patients who underwent a TearCare treatment exhibited improvements in vision-related quality of life and improved reading speeds after a single treatment. The study suggests that this interventional dry eye treatment should be considered and utilized to reduce the disease burden of MGD associated DED.

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Paper Reference:

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About Sight Sciences

Sight Sciences is an eyecare technology company focused on developing and commercializing innovative and interventional solutions intended to transform care and improve patients' lives. Using minimally invasive or non-invasive approaches to target the underlying causes of the world's most prevalent eye diseases, Sight Sciences seeks to create more effective treatment paradigms that enhance patient care and supplant conventional outdated approaches. Glaucoma is the world's leading cause of irreversible blindness, and the Company's [OMNI® Surgical System](#) is an implant-free glaucoma surgery technology (i) indicated in the United States to reduce intraocular pressure in adult patients with primary open-angle glaucoma; and (ii) CE-marked for the catheterization and transluminal viscodilation of Schlemm's canal and cutting of the trabecular meshwork to reduce intraocular pressure in adult patients with open-angle glaucoma. The [SION® Surgical Instrument](#) is a bladeless, manually operated device

used in ophthalmic surgical procedures to excise trabecular meshwork. The Company's [TearCare® System](#) is 510(k) cleared in the United States for the application of localized heat therapy in adult patients with evaporative dry eye disease due to meibomian gland dysfunction ("MGD"), when used in conjunction with manual expression of the meibomian glands, enabling clearance of gland obstructions by physicians to address the leading cause of dry eye disease. Visit www.sightsciences.com for more information.

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