Sight Sciences Announces Publication of a New Analysis from The ROMEO Study Showing Meaningful Pressure and Medication Reductions Achieved with OMNI® Across Mild, Moderate, and Advanced Glaucoma

May 28, 2024

The analysis published in Clinical Ophthalmology suggests that OMNI was as effective at lowering IOP and reducing medication usage in advanced glaucoma as it was in mild and moderate glaucoma.

MENLO PARK, Calif., May 28, 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 intended to transform care and improve patients' lives, today announced the results as published in the journal Clinical Ophthalmology of a new analysis of the ROMEO (Retrospective, Observational, Multicenter Evaluation of OMNI) study data. This new analysis evaluated the association between the severity of glaucoma and the intraocular pressure ("IOP") and medication outcomes for patients treated with the OMNI Surgical System ("OMNI"). OMNI enables a procedure intended to restore aqueous outflow of glaucomatous eyes by addressing the three areas of outflow resistance associated with the disease.

The findings suggest that *ab interno* canaloplasty coupled with trabeculotomy using OMNI was as effective at lowering IOP and reducing medication usage in advanced glaucoma patients as it was in mild and moderate glaucoma patients. This data challenges the belief that advanced disease stage is a barrier to successful treatment outcomes for minimally invasive glaucoma surgery ("MIGS").

"There had been some debate about the efficacy of MIGS in advanced glaucoma patients, with speculation that prolonged disease may cause irreversible harm to the distal outflow pathway," said Dr. Jaime E. Dickerson, Jr., Vice President of Medical and Clinical Affairs at Sight Sciences. "The current study suggests that treatment with OMNI technology, which has a strong safety profile and proven durability, is still effective in patients with more extensive visual field damage."

ROMEO was an Institutional Review Board ("IRB") approved retrospective case series conducted at eleven ophthalmology practices in the United States. Participants were mainly primary open-angle glaucoma patients (122 of 129, or 95%) who had undergone the implant-free OMNI procedure, which has been cleared by the FDA for canaloplasty followed by *ab interno* trabeculotomy to reduce intraocular pressure in adult patients with primary open-angle glaucoma, either combined with cataract surgery or as a standalone procedure.

Eyes were categorized based on visual field mean deviation ("MD"), with participants assigned to a group with severity rated as mild (n=79, median MD -2.7 dB), moderate (n=42, median MD -8.0 dB) or advanced (n=6, median MD -13.3). The study compared outcomes at 12 months.

Key findings reported in the study include:

1. Significant reductions in both IOP and IOP-reducing medications were observed.
2. The majority of eyes (70%) experienced a reduction in IOP at Month 12, with most achieving levels of 18 mmHg or less (92%).
3. The percentage of IOP reduction was consistent across severity groups, with month 12 mean IOP ranging between 14 mmHg and 16 mmHg.
4. Medication reductions were observed across all severity groups, with the majority of patients showing a reduction of at least 1 medication (50% to 69%), indicating the effectiveness of the treatment approach.
5. Regression analysis found no significant relationship between month 12 IOP and visual field loss, suggesting treatment outcomes were consistent irrespective of disease severity.

"Clinical trials and real-world results continue to demonstrate favorable OMNI treatment outcomes across different stages of glaucoma," said Paul Badawi, Co-Founder and CEO of Sight Sciences. "These findings reinforce our dedication to offering effective treatment options for glaucoma patients at every stage of the disease and also fuel our initiatives to continue reimagining eyecare with transformative technology and an interventional mindset."

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Paper Reference:
Jamie E. Dickerson, Alison E. Harvey, Reay H. Brown, Ab Interno Canaloplasty and Trabeculotomy Outcomes for Mild, Moderate, and Advanced Open-Angle Glaucoma: A ROMEO Analysis, Clinical Ophthalmology, 2024:18

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. 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 ("POAG"); 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. Glaucoma is the world's leading cause of irreversible blindness. The Company's TearCare System technology 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. The Company's SION® Surgical Instrument is a manually operated device used in ophthalmic surgical procedures to excise trabecular meshwork. Visit sightsciences.com for more information.

Forward-Looking Statements

This press release, together with other statements and information publicly disseminated by the Company, contains certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, which statements are subject to considerable risks and uncertainties. The Company intends such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 and includes this statement for purposes of complying with these safe harbor provisions. Any statements made in this press release that are not statements of historical fact, including statements about our beliefs and expectations, are forward-looking statements and should be evaluated as such. Forward-looking statements herein include, without limitation, statements concerning the clinical outcomes and our initiatives to continue reimagining eyecare with transformative technology and an interventional mindset. These statements often include words such as "anticipate," "expect," "suggests," "plan," "believe," "intend," "estimates," "targets," "projects," "should," "could," "would," "may," "will," "forecast" and other similar expressions. We base these forward-looking statements on our current expectations, plans and assumptions that we have made in light of our experience in the industry, as well as our perceptions of historical trends, current conditions, expected future developments and other factors we believe are appropriate under the circumstances at such time. Although management believes these forward-looking statements are based upon reasonable assumptions at the time they are made, management cannot guarantee their accuracy or completeness. Forward-looking statements are subject to and involve risks, uncertainties and assumptions that may cause the Company's actual results, performance or achievements to be materially different from any future results, performance, or achievements predicted, assumed or implied by such forward-looking statements. Some of the risks and uncertainties that may cause actual results to materially differ from those expressed or implied by these forward-looking statements are discussed under the caption "Risk Factors" in the Company's filings with the SEC, as may be updated from time to time in subsequent filings. These cautionary statements should not be construed by you to be exhaustive and are made only as of the date of this press release. Sight Sciences undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law.

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