



Kubota Vision Announces the Results of Clinical Study in Children Using Wearable Myopia Control Device based on Kubota Glass Technology

SEATTLE (September 5, 2022) — Kubota Vision Inc. (“Kubota Vision” or the “Company”), a clinical-stage specialty ophthalmology company and wholly-owned subsidiary of Kubota Pharmaceutical Holdings Co., Ltd. (Tokyo 4596), announced today the results from a clinical study in children using a wearable myopia control device based on Kubota Glass technology. The study was a six-month prospective longitudinal trial conducted at Manhattan Vision Associates / Institute for Vision Research (“MVA”) in New York City. The results demonstrated children between the ages of 10 and 17 using the study device for approximately 1.5-hour sessions five days per week experienced significantly less myopic refractive error progression and axial elongation in treated eyes compared with published age- and ethnicity-matched virtual control patients. The differences after 12 months projected out to 0.42D (131%) less for cycloplegic refractive error progression and 0.21 mm (96%) less axial elongation for the Kubota Glass technology versus age- and ethnicity-matched virtual control patients.*¹

Ryo Kubota, MD, PhD, Chairman, President, and CEO of Kubota Vision Inc., stated, “As discussed in the recent publication from July 13, 2022,*² we were pleased to see the efficacy of Kubota Glass for adults in a benchtop optical system. These new data also demonstrate an inhibitory effect on the progression of myopia in this six-month long-term study in children using a spectacle-type device less than two hours a day, five days a week. The onset of myopia at a young age increases the risk of high myopia. We will continue accumulating evidence for Kubota Glass technology as a safe, effective and easy approach to control myopia.”

Dr. Kubota will be presenting the results of this most recent study at the 2022 International Myopia Conference In Rotterdam, the Netherlands, on September 6, 2022. Those unable to attend the lecture in person can register for a live stream of the presentation at <https://www.internationalmyopiaconference.org/registration/>.

Myopia, the most common ocular disorder worldwide, is the leading cause of visual impairment in children. Alarming, the incidence of myopia is increasing rapidly. In 2020, an estimated 2.6 billion people (34% of the world’s population) were myopic, with 399 million (5.2%) having high myopia. This is projected to rise to 50% and 10%, respectively, over the next 30 years. It is projected myopia will be the leading cause of permanent blindness by 2050.*³

*¹ Accounting for the majority (60%) of the slowing of progression to occur within the first 6 months of treatment, based on work by Brennan NA, Toubouti YM, Cheng X, Bullimore MA. Efficacy in myopia control. Progress in Retinal and Eye Research, Vol 83, 2021.

*² Scientific Reports “[Biometric and refractive changes following the monocular application of peripheral myopic defocus using a novel augmented-reality optical system in adults](#)”

*³ Holden BA, Fricke TR, Wilson DA, et al. Global Prevalence of Myopia and High Myopia and Temporal Trends from 2000 through 2050. Ophthalmology. Volume 123, Number 5, May 2016.

About Kubota Glass™ Technology

Kubota Glass technology works to aid vision in myopia by projecting specially focused images generated using micro-LEDs in the peripheral visual field. The Company has been conducting and publishing research evaluating the device for the management of myopia. Kubota Glass technology leverages nanotechnology in its electronic glasses-based illumination device and seeks to help manage myopia by providing specially focused illumination while maintaining high-quality central vision.

About Kubota Vision Inc.

Kubota Vision Inc. is a wholly owned subsidiary of Kubota Pharmaceutical Holdings Co., Ltd. (Tokyo 4596), committed to translating innovation into a diverse portfolio of drugs and devices to preserve and restore vision for millions of people worldwide. Kubota Pharmaceutical group's pipeline includes a wearable device for myopia control using Kubota Glass™ technology and a handheld OCT device for the monitoring of neovascular retinal diseases, to be used directly by patients.

<https://www.kubotavision.com/>; <https://www.kubotaholdings.co.jp/en/>

Cautionary Statements

Certain statements contained in this press release are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 and the Private Securities Litigation Reform Act of 1995. Any statements contained in this press release that are not statements of historical fact may be deemed to be forward-looking statements. These forward-looking statements include statements regarding our expectations related to our development plans and ability to successfully develop and commercialize our product candidates and the potential efficacy, future development plans and commercial potential of our product candidates. These statements are based on current assumptions that involve risks, uncertainties and other factors that could cause the actual results, events or developments to differ materially from those expressed or implied by such forward-looking statements. These risks and uncertainties, many of which are beyond our control, include, but are not limited to: our investigational product candidates may not demonstrate the expected safety and efficacy; our pre-clinical development efforts may not yield additional product candidates; any of our or our collaborators' product candidates may fail in development, may not receive required regulatory approvals, or may be delayed to a point where they are not commercially viable; our clinical trials could be delayed; new developments in the intensely competitive ophthalmic pharmaceutical market may require changes in our clinical trial plans or limit the potential benefits of our investigational product candidates; the impact of expanded product development and clinical activities on operating expenses; adverse conditions in the general domestic and global economic markets; as well as the other risks identified in our filings with the Securities and Exchange Commission. These forward-looking statements speak only as of the date hereof and we assume no obligation to update these forward-looking statements, and readers are cautioned not to place undue reliance on such forward-looking statements. For a detailed discussion of the foregoing risks and other risk factors, please refer to our filings with the Securities and Exchange Commission, which are available on Kubota Pharmaceutical Holdings (Kubota Vision's parent company) investor relations website (<https://www.kubotaholdings.co.jp/en/ir/>) and on the SEC's website (<http://www.sec.gov>).

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