



FOR IMMEDIATE RELEASE

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Guardion's Lumega-Z Formula Associated with Improved Vision in Patients with Severe Glaucoma

In a recent study presented at the Association for Research in Vision and Ophthalmology (ARVO) 2019 annual meeting, treatment with Lumega-Z was associated with significant improvement in Visual Field function among patients with severe glaucoma

San Diego, CA – May 7, 2019 – Guardion Health Sciences, Inc. (“Guardion” or the “Company”) (Nasdaq: GHSI), an ocular health sciences and technologies company that develops, formulates and distributes condition-specific medical foods and testing technologies supported by evidence-based protocols, today announced the results of a study from research scientists at the University of Texas, San Antonio (USTA), Texas, on the effects of the Company’s Lumega-Z medical food on pericentral FDT (i.e. tests of visual field) among patients with severe glaucoma who had previously shown degeneration despite having controlled intraocular pressure.

Dr. David Evans, Ph.D., Guardion’s Chief Science Officer, commenting on the results of the study, stated, “Patients with advanced glaucoma often have no hope for maintaining their vision. This new data, presented by Dr. William E. Sponsel, at ARVO, shows that certain patients with advanced stages of glaucoma treated with Lumega-Z can preserve and even recover some vision function. This is an important development in the treatment of patients with advanced glaucoma.”

Dr. William E. Sponsel, M.D., M.B., Ch.B, F.R.A.N.Z.C.O, F.A.C.S., is a member of Guardion’s Science Advisory Board. Dr. Sponsel established the Glaucoma Research and Diagnostic Laboratory at Indiana University in 1991, and was later recruited to the University of Texas Health Science Center at San Antonio in 1994, where he became Professor and Director of Clinical Research. He is presently Professor of Vision Sciences at University of Incarnate Word and Adjunct Professor of Biomedical Engineering at UTSA.

Information and risk factors with respect to Guardion and its business, including its ability to successfully develop and commercialize its proprietary products and technologies, may be obtained in the Company’s filings with the Securities and Exchange Commission (“SEC”) at www.sec.gov.

About Guardion Health Sciences, Inc.

Guardion is an ocular health sciences company that develops, formulates and distributes condition-specific medical foods supported by evidence-based protocols, with an initial medical food product, Lumega-Z, that addresses a depleted macular protective pigment, a known risk factor for age-

related macular degeneration (“AMD”) and a significant component of functional vision performance. Guardion Health Sciences, Inc. has also developed a proprietary medical device, the MapcatSF®, which accurately measures the macular pigment density, therefore providing the only two-pronged evidence-based protocol for the treatment of a depleted macular protective pigment.

About VectorVision®

VectorVision®, operating through a wholly-owned subsidiary of the Company, specializes in the standardization of contrast sensitivity, glare sensitivity, low contrast acuity, and ETDRS acuity vision testing. Its patented standardization system provides the practitioner or researcher the ability to delineate very small changes in visual capability, either as compared to the population or from visit to visit. VectorVision®’s CSV-1000 device is considered the standard of care for clinical trials.

Forward-Looking Statement Disclaimer

With the exception of the historical information contained in this news release, the matters described herein may contain 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. These statements involve unknown risks and uncertainties that may individually or materially impact the matters discussed herein for a variety of reasons that are outside the control of the Company, including, but not limited to, the Company’s ability to raise sufficient financing to implement its business plan and its ability to successfully develop and commercialize its proprietary products and technologies. Readers are cautioned not to place undue reliance on these forward-looking statements, as actual results could differ materially from those described in the forward-looking statements contained herein. Readers are urged to read the risk factors set forth in the Company’s filings with the SEC, which are available at the SEC’s website (www.sec.gov). The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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