

"Preparing Your Visually Impaired Child for Their Future": Helping Children Build Confidence, Independence, and Opportunity with Ocutech Bioptics

November 19, 2025

Chapel Hill, North Carolina - November 19, 2025 -
Ocutech, Inc., a global developer of bioptic telescopes and low vision technologies, has announced the release of a new educational guide titled ?Preparing Your Visually Impaired Child for Their Future.? The publication provides families, educators, and clinicians with an evidence-based resource focused on supporting children with visual impairment as they develop functional vision skills, independence, and long-term opportunities.

The guide was authored by a collaborative team that includes Dr. Henry A. Greene, OD, FAAO, co-founder of Ocutech; specialists from the Texas School for the Blind and Visually Impaired; and additional experts in pediatric low vision care. The material outlines approaches used in clinical and educational settings to help visually impaired children establish strong foundations in distance viewing, classroom participation, social engagement, and daily mobility. According to the contributing authors, early and appropriate access to low vision devices, including monocular and bioptic telescopes, can support a child?s ability to interact with their environment, recognize facial expressions, follow classroom instruction, and develop confidence in using remaining vision.

The publication explains that families are often informed that no further medical or surgical treatment is available for a child?s condition, which may lead to uncertainty about the child?s future capabilities. The guide clarifies that rehabilitation strategies remain essential even when medical avenues are limited. Functional vision can often be enhanced through devices designed to support distance and mid-range viewing, and through training provided by low vision professionals, teachers of students with visual impairments, certified low vision therapists, and orientation and mobility specialists. The new resource emphasizes that these interventions may contribute to improved academic participation and social interaction.

The release of the guide also highlights the potential role of bioptic telescopes in long-term planning. In many U.S. states, individuals with adequate visual fields and best-corrected acuity of 20/200 or better may be eligible for restricted driver?s licenses when using a prescribed bioptic telescope. The guide discusses the structured training model used by mobility specialists and driver rehabilitation experts as adolescents with visual impairment prepare for potential future driving evaluations. According to Dr. Greene, bioptics are incorporated into daily activities long before a young person becomes eligible for licensing, allowing the device to become a natural part of their visual toolkit.

The resource further addresses the importance of early exposure to low vision devices. The authors note that children who have opportunities to practice distance viewing tasks with optical aids may develop stronger observational habits, greater environmental awareness, and increased readiness for later mobility and vocational skills. Educators and families are encouraged to collaborate with low vision specialists to ensure that appropriate devices, instructional methods, and classroom accommodations are incorporated into individualized education programs and related services.

Ocutech reports that the guide reflects the company?s ongoing commitment to supporting the low vision rehabilitation community by providing access to materials that assist clinicians, educators, and families. The organization notes that the publication is designed as an informational resource and aligns with longstanding rehabilitation practices used internationally in the field of pediatric low vision care.

About Ocutech, Inc.

Founded in 1984, Ocutech, Inc. is a global leader in advanced bioptic technologies for individuals with vision impairment. Headquartered in Chapel Hill, NC, the company is committed to designing tools that restore

independence, mobility, and quality of life. Ocutech?s products are used by individuals around the world, empowering them to lead active and self-directed lives. To learn more, visit Ocutech website or call 800-326-6460 (U.S.) / 919-967-6460 (International).

###

For more information about Ocutech, contact the company here:OcutechTina Woods1-919-967-6460bioptics@ocutech.com105 Conner Drive, Suite 2105Chapel Hill, NC, 27514 USA

Ocutech

Ocutech is a global leader in telescopic low vision aids and develops innovative bioptic glasses that empower individuals with vision impairments to regain visual independence.

Website: https://ocutech.com/

Email: bioptics@ocutech.com

Phone: 1-919-967-6460