



# Luminopia™ One

Amblyopia treatment made fun and easy



## What is amblyopia (lazy eye)?

Amblyopia is one of the most common causes of decreased vision in children. It occurs when the vision in one eye is reduced because the eye is not being used properly due to a misalignment of the eyes (turned eye or strabismus) or a difference in uncorrected refractive error between the two eyes (e.g. farsightedness) resulting in the brain favoring the other eye.

## How is amblyopia treated, and what is Luminopia One?

Amblyopia treatment usually begins with glasses. After treatment with glasses, patching or eye drops in the good eye have often been prescribed to encourage use of the amblyopic eye. Luminopia One is a new treatment that presents images differently to each eye so as to restore the balance between the two eyes. Children receive amblyopia treatment while watching popular kids' shows and movies in a kid-friendly headset.

### Who is eligible?

- ✓ Children ages 4 to 7 with amblyopia in one eye

### What does the Luminopia One study involve?

- ✓ Treatment is 1 hour per day, 6 days per week for 12 weeks at home
- ✓ Follow-up visits are scheduled at 4, 8 and 12 weeks at The Ohio State University College of Optometry

### Why should I volunteer to have my child take part in the study?

- ✓ You and your child will be part of a research study designed to provide answers about how to best treat amblyopia.

### What costs will be my responsibility?

- ✓ There will be no cost to you for any of the study visits.
- ✓ You will receive a parking pass to cover the cost of parking in the medical center garage
- ✓ A Luminopia One headset will be provided at no cost for use during the study.
- ✓ Study participants will receive \$25 for completed follow-up study visits to help cover the cost of travel and any visit-related expenses.

### What do I need to do if I would like my child to take part in the study?

- ✓ Contact Dr. Marjean Kulp at [kulp.6@osu.edu](mailto:kulp.6@osu.edu) or [614-688-3336](tel:614-688-3336) to schedule an appointment to see if your child is eligible.