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# UltimEyes®

## Carrot Neurotechnologies



**\$5.99 for a limited time**

### Turn Back The Clock On Your Vision

Reverse the effects of aging eyes. Why rely on reading glasses...and a flashlight to read restaurant menus when you don't have to. ULTIMEYES® delivers sharper vision without glasses and dramatically improves the ability to see in dim light.



### Achieve Peak Athletic Performance

Improve on-field, on-court and on-track performance with ULTIMEYES®. Check out the articles below and find out what ULTIMEYES® is and what it is did for the UC Riverside baseball team.

improve vision. [Learn More »](#)

Contact your Authorized Reseller or the ULTIMEYES® team at [info@ultimeyesvision.com](mailto:info@ultimeyesvision.com) for more information about ULTIMEYES®

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- [Better baseball batting through brain science](#)
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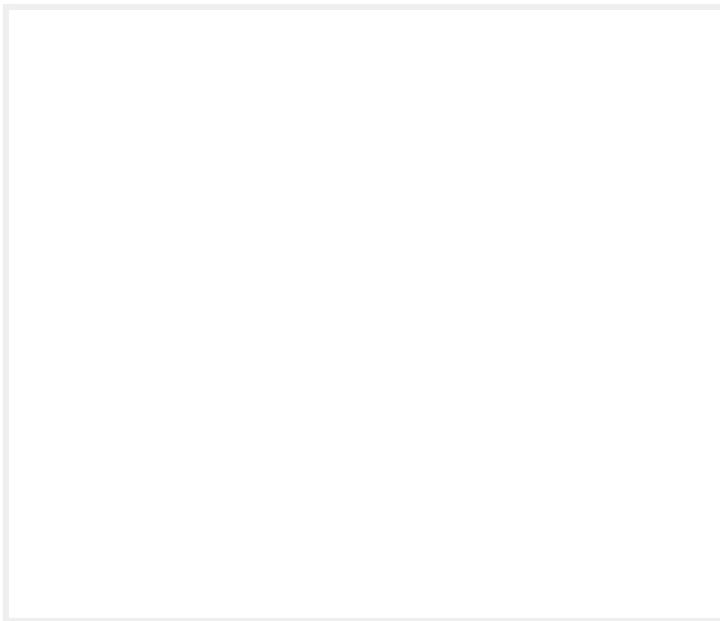
### **Achieve Peak Athletic Performance**



**ULTIMEYES®** is an affordable, natural and simple-to-use interactive game scientifically designed to improve vision. [Learn More » \(about.php\)](#)

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ULTIMEYES® optimizes visual processing to reduce blurring. Proprietary algorithms monitor your performance and adapt to it, creating a customized session to ensure optimal progress.

Numerous scientific studies conducted over more than a decade support the principles upon which ULTIMEYES® was created.

ULTIMEYES® is the result of collaboration between Vision Science and Entertainment Software to improve how you see. ULTIMEYES® tailors itself to your unique abilities and is designed to improve visual acuity, contrast sensitivity and attention to yield an overall improvement of your vision. The patent-pending methods of perceptual learning established by Dr. Aaron Seitz, a renowned expert in the field of Perceptual Learning, combined with interactive gaming dynamics proven to engage players, produce high levels of continued focus and, in turn, produces results.

## How It Works

ULTIMEYES® strengthens how the brain processes the visual input from the eyes. Patent pending neuroplasticity technology synchronizes task reinforcement with the appropriate stimuli to improve brain plasticity and vision. ULTIMEYES® pairs this breakthrough science with popular game dynamics

that heighten levels of engagement and provide the positive reinforcement required to drive progress. In addition, combined audio and visual stimuli ensure that brain plasticity is maximized.

ULTIMEYES® is designed from the ground up to incorporate theory driven, and empirically supported, approaches to vision training into an entertaining video game, by incorporating already proven components along with:

- alerting and orienting cues (sounds spatially located with visual targets)
- training of executive attention (distractors progressively become more similar to tasks targets)
- tasks designed to help with sustained attention (exercises become progressively longer with time)

These approaches, such as multi-sensory stimuli, motivating tasks, and consistent reinforcement to the training stimuli as found in a well-designed video game, are our way of creating a positive outcome for the user.

## References

1. Deveau, Lovcik, and Seitz (2014). "Broad-based visual benefits from training with an integrated perceptual-learning video game", *Vision Research*, doi: 10.1016/j.visres.2013.12.015.
2. Seitz, A. R. & Dinse, H. R. A common framework for perceptual learning. *Curr Opin Neurobiol* 17,148-153, (2007).
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8. Xiao, L. Q. et al. Complete Transfer of Perceptual Learning across Retinal Locations Enabled by Double Training. *Curr Biol* 18, 1922-1926, (2008).
9. Green, C. S. & Bavelier, D. Action video game modifies visual selective attention. *Nature* 423, 534-537 (2003).
10. Polat, U. et al. Training the brain to overcome the effect of aging on the human eye. *Scientific reports* 2, 278, (2012).

11. Baker, C. I., Peli, E., Knouf, N. & Kanwisher, N. G. Reorganization of visual processing in macular degeneration. *J Neurosci* 25, 614-618 (2005).
12. Huxlin, K. R. et al. Perceptual relearning of complex visual motion after V1 damage in humans. *J Neurosci* 29, 3981-3991, (2009).
13. Vaina, L. M. & Gross, C. G. Perceptual deficits in patients with impaired recognition of biological motion after temporal lobe lesions. *Proc Natl Acad Sci U S A* 101, 16947-16951, (2004).
14. Ostrovsky, Y., Andalman, A. & Sinha, P. Vision following extended congenital blindness. *Psychol Sci* 17, 1009-1014, (2006).
15. Li, R. W., Klein, S. A. & Levi, D. M. Prolonged perceptual learning of positional acuity in adult amblyopia: perceptual template retuning dynamics. *J Neurosci* 28, 14223-14229, (2008).
16. Seitz, A. R., Kim, D. & Watanabe, T. Rewards evoke learning of unconsciously processed visual stimuli in adult humans. *Neuron* 61, 700-707, (2009).
17. Shams, L. & Seitz, A. R. Benefits of multisensory learning. *Trends Cogn Sci*, (2008).
18. Kim, R. S., Seitz, A. R. & Shams, L. Benefits of stimulus congruency for multisensory facilitation of visual learning. *PLoS ONE* 3, e1532 (2008).
19. Zhang, J. Y. et al. Stimulus coding rules for perceptual learning. *PLoS Biol* 6, e197 (2008).

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## About ULTIMEYES®

ULTIMEYES® is a non-invasive interactive program designed specifically to improve vision by optimizing visual processing in just four simple 25-minute sessions per week for a total duration of eight weeks.

Our customers' performance of ULTIMEYES® is monitored by professional ULTIMEYES® vision coaches to ensure maximum effectiveness. Additionally, we make performance data of each session available to your eye-care provider so that he/she can monitor your progress as well.

On average, participants in our monitored studies—conducted by University of California researchers—improved by two lines on the eye chart!

Contrast sensitivity, which is the visual skill that enables you to distinguish objects in dim light and against obscure backgrounds, increased dramatically among users in these studies.

## Read More

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[The Science Behind ULTIMEYES® \(science.php\)](#)

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[Proven Benefits \(science.php\)](#)



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Testimonials from Customers (testimonials.php)

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## Frequently Asked Questions

Click on any question to see its answer.

### 1. What benefits have ULTIMEYES® users experienced?

100% of ULTIMEYES® users have experienced improvements in vision in at least one area, including near vision, far vision, peripheral vision, and contrast sensitivity either monocularly (in one eye) or binocularly (in both eyes).

### 2. What are the side effects of ULTIMEYES®?

There are no known side effects from ULTIMEYES®, except better vision.

### 3. How many ULTIMEYES® sessions are required to improve my vision?

Individuals will notice improvements at different rates. Our research shows that robust improvements in vision are found after completing 32 sessions with some of the individuals noticing some improvement in less than 16 sessions. For maximum benefits we recommend 4 ULTIMEYES® sessions per week, for 8 weeks.

#### **4. Should I wear glasses when using ULTIMEYES®**

Our advice is to use ULTIMEYES® under the viewing conditions that you want to perform best in. If you want to see better with prescription lenses then wear lenses, if you want to see how well you can see without lenses you can try without. For example, some people like to attempt activities without glasses or contacts (reading, getting by around the house, some photographers, etc) and ULTIMEYES® can help with this. However, please be aware that ULTIMEYES® does not correct the optics of your eyes. Thus your vision will be best with optical corrections (glasses, contacts, LASIK, etc) combined with brain training.

#### **5. Do I have to use ULTIMEYES® from 2ft or 5ft?**

Please use ULTIMEYES® from the same distance in each of your sessions because ULTIMEYES® keeps track of your visual abilities and if you use ULTIMEYES® from different distances each time then it will not provide the correct challenge. The 2ft (near) and 5ft (far) distances are standard recommendations, however, they do not change what stimuli you are shown and you are welcome to choose a different distance if you have a good reason for this. For example, ULTIMEYES® is best when you are using it under the conditions that are similar to the daily visual tasks that you want to engage in. Thus it is reasonable to pick a distance that is consistent with your desired reading distance, or the distance that you normally use your computer.

#### **6. Why do my eyes feel like they got a work-out?**

ULTIMEYES® exercises your vision in a way that may be different than you experience in daily life. Thus, just like the first time that you go to the gym, the first time that you use ULTIMEYES® your eyes may feel a bit tired. This experience typically goes away by your third session as your visual system adjusts to its new work-out routine.

#### **7. Can I use ULTIMEYES® in lieu of glasses or retinal surgery?**

Some people might find that they don't require their glasses to do things that required their glasses before using ULTIMEYES®, however, this is dependent on each individual's visual capability, including but not limited to factors such as the optics of the eye. It's common for users of ULTIMEYES® to experience improved vision and diminished need for glasses following use, though they might still require glasses for some visual tasks.

#### **8. I'm an athlete, can ULTIMEYES® improve my vision?**

Competition requires being at your best. This includes not just physical but also mental abilities. To be at the best of your game, you need to optimize your vision. Some of the benefits to vision that ULTIMEYES® delivers are especially beneficial for athletes or anyone required to perform optimally in challenging dynamic environments. Distinguishing objects against confusing backgrounds such as a ball traveling in front of a crowd in and out of light, quick identification of threats in the periphery, and responding quickly and correctly to these kinds of circumstances are just a few of the visual benefits that athletes can benefit from. ULTIMEYES® is currently in use by athletes at all levels, including collegiate to professional, in both team sports like baseball and football, and individual sports like tennis and motorsports.

#### **9. Why is ULTIMEYES® beneficial after LASIK or cataract surgery?**

Visual correction surgery dramatically improves the visual function of the eyes, however, to achieve the very best results, the brain needs to be taught how best to work with your new eyes. ULTIMEYES® is a cutting edge brain-training program that stimulates brain plasticity and will enable your visual processing to adapt optimally to the change in your eyes following surgery. Using ULTIMEYES® will increase your ability to distinguish objects in greater detail.

#### **10. How long is each ULTIMEYES® session?**

Each ULTIMEYES® sessions lasts about 25 minutes.

#### **11. How often should I use the ULTIMEYES® program?**

For maximum benefits we recommend 4 ULTIMEYES® sessions per week, on separate days. Doing multiple ULTIMEYES® sessions on the same day may or may not provide extra benefits, and if you choose to do extra sessions on a given day please do not count them towards our recommended 32 session routine. Also we recommend against doing multiple sessions on the same day during your first week of training. Doing more than 4 sessions per week or more than 32 sessions may provide additional benefit. Research is still pending on how different schedules impacts the benefits that you may receive and our recommendations are based upon what has worked thus far in laboratory studies.

## **12. What happens if I quit a session early?**

Quitting an ULTIMEYES® session early will not save any of your progress on your current session. The next time you open ULTIMEYES®, your last session will be restarted. We do not recommend quitting a session early, each session is only 25 minutes! There is a "pause" option, if you need a quick break.

## **13. Why is there a calibration at the beginning of each ULTIMEYES® session?**

The calibration at the beginning of each ULTIMEYES® session assesses your visual abilities, and sets up the exercises to your appropriate level. It is very important to try your best at the calibration so your vision can improve.

## **14. What is the purpose of the assessments?**

Assessments are provided on a periodic basis so that improvements can be measured and tracked. They also are used to determine your visual skills and the program presents additional visual challenges based upon your scores on the Contrast Sensitivity Assessment. We strongly recommend doing this when given the opportunity. Increased scores reflect improved vision. ULTIMEYES® keeps track of the scores so you can keep track of your improvement. Assessment 1 ('Landolt C') measures the visual skill required to read various size fonts at various levels of contrast, while

Assessment 2 (Contrast Sensitivity Function measurement) measures contrast sensitivity, which is the visual skill of distinguishing objects against a background.

#### **15. Why is ULTIMEYES® becoming more challenging?**

ULTIMEYES® adapts itself to your capabilities. In doing so it will set standards that you may find more challenging than previous sessions. This ensures that the program taps into your maximum capabilities, and is constantly working your brain. Don't get frustrated. It's part of our unique methods of improving your vision. Also, from a practical perspective, please make sure that your screen is free of dust and smudges, and that you keep the glare on your screen to an absolute minimum. It makes a big difference!

#### **16. What are the target images?**

These are called Gabor images. Studies have shown neurons in the early visual cortex of the brain respond close to optimally to Gabor patterns and these are widely considered to be the building blocks through which the brain constructs its visual perceptions. Training the brain with Gabors is a method of exercising the most basic functions of the visual system.

#### **17. Why is there sound?**

Part of our patent pending technology revolves around sound. We have found that making the user acoustically aware as well as visually aware of the target image enhances the interaction, thereby increasing brain functionality.

#### **18. Do I need an Internet connection to use ULTIMEYES®?**

You will need to be connected to the Internet to download the ULTIMEYES® program. You can run the ULTIMEYES® sessions without an Internet connection, however we recommend you are connected to the Internet at least once per week. This allows the ULTIMEYES® team to track your progress.

#### **19. Who keeps track of my ULTIMEYES® progress?**

After each ULTIMEYES® session, all data will be automatically uploaded to a database. Here the ULTIMEYES® team can see all session information, monitor your progress as well as provide support and coaching.

**20. Who can I contact for help with the ULTIMEYES® program?**

For any questions, concerns, or problems please email  
[help@ultimeyesvision.com](mailto:help@ultimeyesvision.com) (mailto:[help@ultimeyesvision.com](mailto:help@ultimeyesvision.com))

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## **Christina (daughter age 5)**

I am grateful for ULTIMEYES® for helping my daughter with her vision. I would be happy to recommend the program to anybody that needs it, it was very easy to use. Now my daughter's vision went back to normal.

## **Tina, Age 46**

My eyes were getting weaker, and couldn't see my friends clearly over the dinner table. After using ULTIMEYES® for only a couple of weeks I began to see a difference. Less eye strain, and I could now see people clearly. Definitely noticed a difference and the eye chart test proved it!

## **Cora, Age 45**

I did the program over a two month period and could read three lines better on an eye chart from twenty feet away! I found the program easy to use, and actually quite relaxing. Its not like a test, and would recommend it to anyone who wants to try to improve their eyesight.

## **Jeff, Age 41**



As a photographer, I have always had a keen vision, until a while ago when I noticed I was having trouble focusing. It was worse for me at night, particularly while driving. I couldn't read the signs on the freeway or signs at cross streets. It had gotten to the point where I needed glasses. My vision was even worse within three feet. My optometrist recommended ULTIMEYES® as a possibility. I have been using ULTIMEYES® on my iMac from five feet away. The first thing I started noticing was that there were dirt marks on my walls in my house. Subtle—I didn't notice them before—but now I see them everywhere. I realized my ability to discern subtle changes in contrast had improved. I can also read text on the TV at a distance where that was difficult before. I have noticed, that I can read street signs and freeway signs without my driving glasses—that takes a lot of stress. When I went in for an evaluation at my optometrist's office, I was very pleased at testing out with a two-line improvement on my reading chart. In one eye I went from 20/50 to 20/30. I am very happy about this and am continuing with ULTIMEYES®, with a goal of getting both eyes to 20/20 at least... I am very happy with the results and highly recommend ULTIMEYES®.

## Testimonials from Athletes

"My eyes feel stronger. They don't get tired as much."

"I can see the ball better while I am hitting."

"I have greater peripheral vision. Easy to see further."

"I can tell a change in dim light and being able to distinguish lower contrasting things."

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*“Today I had my first tangible proof of progress. I was actually able to see text on the screen of my cellphone at arm's length without using my glasses.”*

***Peter R.***

Now Available On



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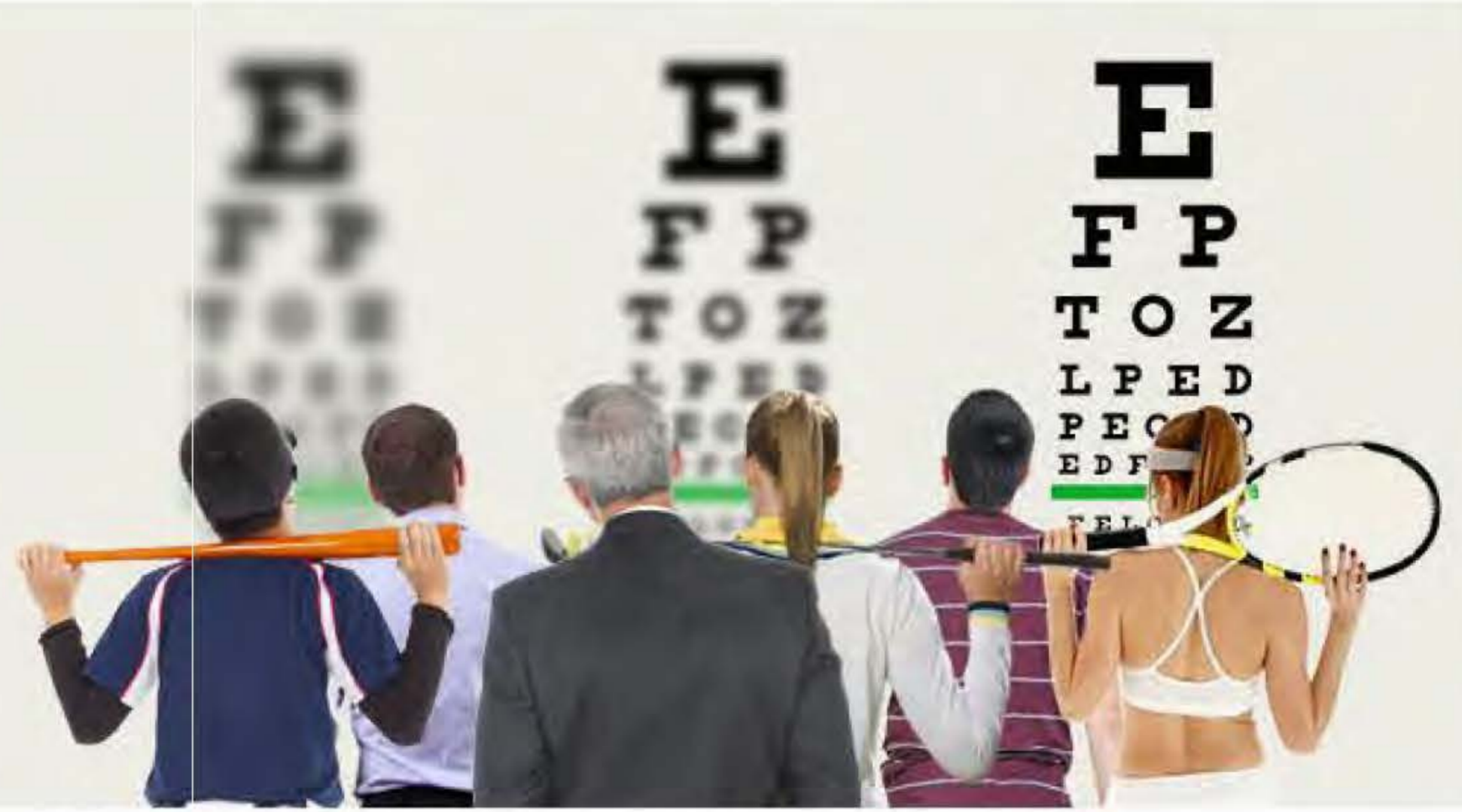
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A simple-to-use interactive game **scientifically shown** to improve vision.

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Available on Windows, Mac, iPad, iPhone and Android devices.



*"Improve on-field, on-court and on-track performance with ULTIMEYES®. Click to watch the video or read more to learn what ULTIMEYES® did for the UC Riverside baseball team."*

Watch Video

Overview

*"I'm reaching the end of week 2 and this morning I noticed how much easier it is to see that dates on the calender in my office hanging on a wall on the other side of the office. The numbers were much brighter and less blurry. After 2 weeks I can already see a difference and I'm very much excited to see the improvement after 8 weeks!"*

**Kobus V.**

*"Today I had my first tangible proof of progress. I was actually able to see text on the screen of my cellphone at arm's length without using my glasses."*

**Peter R.**

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7. Beste, C., Wascher, E., Gunturkun, O. & Dinse, H. R. Improvement and impairment of visually guided behavior through LTP- and LTD-likeexposure-based visual learning. *Curr Biol* 21, 876-882, (2011).
8. Xiao, L. Q. et al. Complete Transfer of Perceptual Learning across Retinal Locations Enabled by Double Training. *Curr Biol* 18, 1922-1926, (2008).
9. Green, C. S. & Bavelier, D. Action video game modifies visual selective attention. *Nature* 423, 534-537 (2003).
10. Polat, U. et al. Training the brain to overcome the effect of aging on the human eye. *Scientific reports* 2, 278, (2012).
11. Baker, C. I., Peli, E., Knouf, N. & Kanwisher, N. G. Reorganization of visual processing in macular degeneration. *J Neurosci* 25, 614-618 (2005).
12. Huxlin, K. R. et al. Perceptual relearning of complex visual motion after V1 damage in humans. *J Neurosci* 29, 3981-3991, (2009).
13. Vaina, L. M. & Gross, C. G. Perceptual deficits in patients with impaired recognition of biological motion after temporal lobe lesions. *Proc Natl Acad Sci U S A* 101, 16947-16951, (2004).
14. Ostrovsky, Y., Andalman, A. & Sinha, P. Vision following extended congenital blindness. *Psychol Sci* 17, 1009-1014, (2006).
15. Li, R. W., Klein, S. A. & Levi, D. M. Prolonged perceptual learning of positional acuity in adult amblyopia: perceptual template retuning dynamics. *J Neurosci* 28, 14223-14229, (2008).
16. Seitz, A. R., Kim, D. & Watanabe, T. Rewards evoke learning of unconsciously processed visual stimuli in adult humans. *Neuron* 61, 700-707, (2009).
17. Shams, L. & Seitz, A. R. Benefits of multisensory learning. *Trends Cogn Sci*, (2008).
18. Kim, R. S., Seitz, A. R. & Shams, L. Benefits of stimulus congruency for multisensory facilitation of visual learning. *PLoS ONE* 3, e1532 (2008).
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**9. Why is ULTIMEYES® beneficial after LASIK or cataract surgery?**

Visual correction surgery dramatically improves the visual function of the eyes, however, to achieve the very best results, the brain needs to be taught how best to work with your new eyes. ULTIMEYES® is a cutting edge brain-training program that stimulates brain plasticity and will enable your visual processing to adapt optimally to the change in your eyes following surgery. Using ULTIMEYES® will increase your ability to distinguish objects in greater detail.

**10. How long is each ULTIMEYES® session?**

Each ULTIMEYES® sessions lasts about 25 minutes.

**11. How often should I use the ULTIMEYES® program?**

For maximum benefits we recommend 4 ULTIMEYES® sessions per week, on separate days. Doing multiple ULTIMEYES® sessions on the same day may or may not provide extra benefits, and if you choose to do extra sessions on a given day please do not count them towards our recommended 32 session routine. Also we recommend against doing multiple sessions on the same day during your first week of training. Doing more than 4 sessions per week or more than 32 sessions may provide additional benefit. Research is still pending on how different schedules impacts the benefits that you may receive and our recommendations are based upon what has worked thus far in laboratory studies.

**12. What happens if I quit a session early?**

Quitting an ULTIMEYES® session early will not save any of your progress on your current session. The next time you open ULTIMEYES®, your last session will be restarted. We do not recommend quitting a session early, each session is only 25 minutes! There is a "pause" option, if you need a quick break.

**13. Why is there a calibration at the beginning of each ULTIMEYES® session?**

The calibration at the beginning of each ULTIMEYES® session assesses your visual abilities, and sets up the exercises to your appropriate level. It is very important to try your best at the calibration so your vision can improve.

**14. What is the purpose of the assessments?**

Assessments are provided on a periodic basis so that improvements can be measured and tracked. They also are used to determine your visual skills and the program presents additional visual challenges based upon your scores on the Contrast Sensitivity Assessment. We strongly recommend doing this when given the opportunity. Increased scores reflect improved vision. ULTIMEYES® keeps track of the scores so you can keep track of your improvement. Assessment 1 ('Landolt C') measures the visual skill required to read various size fonts at various levels of contrast, while Assessment 2 (Contrast Sensitivity Function measurement) measures contrast sensitivity, which is the visual skill of distinguishing objects against a background.

**15. Why is ULTIMEYES® becoming more challenging?**

ULTIMEYES® adapts itself to your capabilities. In doing so it will set standards that you may find more challenging than previous sessions. This ensures that the program taps into your maximum capabilities, and is constantly working your brain. Don't get frustrated. It's part of our unique methods of improving your vision. Also, from a practical perspective, please make sure that your screen is free of dust and smudges, and that you keep the glare on your screen to an absolute minimum. It makes a big difference!



16. What are the target images?

These are called **Gabor images**. Studies have shown neurons in the early visual cortex of the brain respond close to optimally to **Gabor patterns** and these are widely considered to be the **building blocks** through which the brain constructs its visual perceptions. Training the brain with **Gabors** is a method of exercising the most basic functions of the visual system.

17. Why is there sound?

Part of our patent pending technology revolves around sound. We have found that making the user acoustically aware as well as visually aware of the target image enhances the interaction, thereby increasing brain functionality.

18. Do I need an Internet connection to use **ULTIMEYES®**?



You will need to be connected to the Internet to download the **ULTIMEYES®** program. You can run the **ULTIMEYES®** sessions without an Internet connection, however we recommend you are connected to the Internet at least once per week. This allows the **ULTIMEYES®** team to track your progress.

19. Who keeps track of my **ULTIMEYES®** progress?

After each **ULTIMEYES®** session, all data will be automatically uploaded to a database. Here the **ULTIMEYES®** team can see all session information, monitor your progress as well as provide support and coaching.

20. Who can I contact for help with the **ULTIMEYES®** program?

For any questions, concerns, or problems please email [help@ultimeyesvision.com](mailto:help@ultimeyesvision.com)

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### General Inquiries

For more information about ULTIMEYES®, contact [info@ultimeyesvision.com](mailto:info@ultimeyesvision.com)

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"Watch a video report of a study conducted on ULTIMEYES® and a Division 1 NCAA baseball team."

**Study Report**

**ULTIMEYES® Overview**

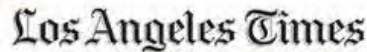
"I'm reaching the end of week 2 and this morning I noticed how much easier it is to see that dates on the calendar in my office hanging on a wall on the other side of the office. The numbers were much brighter and less blurry. After 2 weeks I can already see a difference and I'm very much excited to see the improvement after 8 weeks!"

**Kobus V.**

"Today I had my first tangible proof of progress. I was actually able to see text on the screen of my cellphone at arm's length without using my glasses."

**Peter R.**

FEATURED IN:



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### The Science Behind ULTIMEYES®

ULTIMEYES® optimizes visual processing to reduce blurring. Proprietary algorithms monitor your performance and adapt to it, creating a customized session to ensure optimal progress.

Numerous scientific studies conducted over more than a decade support the principles upon which ULTIMEYES® was created.

ULTIMEYES® is the result of collaboration between Vision Science and Entertainment Software to improve how you see. ULTIMEYES® tailors itself to your unique abilities and is designed to improve visual acuity, contrast sensitivity and attention to yield an overall improvement of your vision. The patent-pending methods of perceptual learning established by Dr. Aaron Seitz, a renowned expert in the field of Perceptual Learning, combined with interactive gaming dynamics proven to engage players, produce high levels of continued focus and, in turn, produces results.

### How It Works

ULTIMEYES® strengthens how the brain processes the visual input from the eyes. Patent pending neuroplasticity technology synchronizes task reinforcement with the appropriate stimuli to improve brain plasticity and vision. ULTIMEYES® pairs this breakthrough science with popular game dynamics that heighten levels of engagement and provide the positive reinforcement required to drive progress. In addition, combined audio and visual stimuli ensure that brain plasticity is maximized.



ULTIMEYES® is designed from the ground up to incorporate theory driven, and empirically supported, approaches to vision training into an entertaining video game, by incorporating already proven components along with:

- alerting and orienting cues (sounds spatially located with visual targets)
- training of executive attention (distractors progressively become more similar to tasks targets)
- tasks designed to help with sustained attention (exercises become progressively longer with time)

These approaches, such as multi-sensory stimuli, motivating tasks, and consistent reinforcement to the training stimuli as found in a well-designed video game, are our way of creating a positive outcome for the user.

## References

1. Deveau, Lovcik, and Seitz (2014). "Broad-based visual benefits from training with an integrated perceptual-learning video game", *Vision Research*, doi: 10.1016/j.visres.2013.12.015.
2. Seitz, A. R. & Dinse, H. R. A common framework for perceptual learning. *Curr Opin Neurobiol* 17,148-153. (2007).
3. Levi, D. M. & Li, R. W. Perceptual learning as a potential treatment for amblyopia: a mini-review. *Vision Res* 49, 2535-2549. (2009).
4. Seitz, A. R., Kim, R. & Shams, L. Sound facilitates visual learning. *Curr Biol* 16, 1422-1427 (2006).
5. Polat, U. Making perceptual learning practical to improve visual functions. *Vision Res* 49, 2566-2573. (2009).
6. Seitz, A. R. & Watanabe, T. The phenomenon of task-irrelevant perceptual learning. *Vision Res* 49, 2604-2610. (2009).
7. Beste, C., Wascher, E., Gunturkun, O. & Dinse, H. R. Improvement and impairment of visually guided behavior through LTP- and LTD-like exposure-based visual learning. *Curr Biol* 21, 876-882. (2011).
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8. I'm an athlete, can ULTIMEYES® improve my vision?

Competition requires being at your best. This includes not just physical but also mental abilities. To be at the best of your game, you need to optimize your vision. Some of the benefits to vision that ULTIMEYES® delivers are especially beneficial for athletes or anyone required to perform optimally in challenging dynamic environments. Distinguishing objects against confusing backgrounds such as a ball traveling in front of a crowd in and out of light, quick identification of threats in the periphery, and responding quickly and correctly to these kinds of circumstances are just a few of the visual benefits that athletes can benefit from. ULTIMEYES® is currently in use by athletes at all levels, including collegiate to professional, in both team sports like baseball and football, and individual sports like tennis and motorsports.

9. Why is ULTIMEYES® beneficial after LASIK or cataract surgery?

Visual correction surgery dramatically improves the visual function of the eyes, however, to achieve the very best results, the brain needs to be taught how best to work with your new eyes. ULTIMEYES® is a cutting edge brain-training program that stimulates brain plasticity and will enable your visual processing to adapt optimally to the change in your eyes following surgery. Using ULTIMEYES® will increase your ability to distinguish objects in greater detail.

10. How long is each ULTIMEYES® session?

Each ULTIMEYES® sessions lasts about 25 minutes.

11. How often should I use the ULTIMEYES® program?

For maximum benefits we recommend 4 ULTIMEYES® sessions per week, on separate days. Doing multiple ULTIMEYES® sessions on the same day may or may not provide extra benefits, and if you choose to do extra sessions on a given day please do not count them towards our recommended 32 session routine. Also we recommend against doing multiple sessions on the same day during your first week of training. Doing more than 4 sessions per week or more than 32 sessions may provide additional benefit. Research is still pending on how different schedules

previous assessment results to help personalize the program. Our recommendations are based upon what has worked thus far in laboratory studies.

12. What happens if I quit a session early?

Quitting an ULTIMEYES® session early will not save any of your progress on your current session. The next time you open ULTIMEYES®, your last session will be restarted. We do not recommend quitting a session early, each session is only 25 minutes! There is a "pause" option, if you need a quick break.

13. Why is there a calibration at the beginning of each ULTIMEYES® session?

The calibration at the beginning of each ULTIMEYES® session assesses your visual abilities, and sets up the exercises to your appropriate level. It is very important to try your best at the calibration so your vision can improve.

14. What is the purpose of the assessments?

Assessments are provided on a periodic basis so that improvements can be measured and tracked. They also are used to determine your visual skills and the program presents additional visual challenges based upon your scores on the Contrast Sensitivity Assessment. We strongly recommend doing this when given the opportunity. Increased scores reflect improved vision. ULTIMEYES® keeps track of the scores so you can keep track of your improvement. Assessment 1 ('Landolt C') measures the visual skill required to read various size fonts at various levels of contrast, while Assessment 2 (Contrast Sensitivity Function measurement) measures contrast sensitivity, which is the visual skill of distinguishing objects against a background.

15. Why is ULTIMEYES® becoming more challenging?

ULTIMEYES® adapts itself to your capabilities. In doing so it will set standards that you may find more challenging than previous sessions. This ensures that the program taps into your maximum capabilities, and is constantly working your brain. Don't get frustrated. It's part of our unique methods of improving your vision. Also, from a practical perspective, please make sure that your screen is free of dust and smudges, and that you keep the glare on your screen to an absolute minimum. It makes a big difference!

16. What are the target images?

These are called Gabor images. Studies have shown neurons in the early visual cortex of the brain respond close to optimally to Gabor patterns and these are widely considered to be the building blocks through which the brain constructs its visual perceptions. Training the brain with Gabors is a method of exercising the most basic functions of the visual system.

17. Why is there sound?

Part of our patent pending technology revolves around sound. We have found that making the user acoustically aware as well as visually aware of the target image enhances the interaction, thereby increasing brain functionality.

18. Do I need an Internet connection to use ULTIMEYES®?

You will need to be connected to the Internet to download the ULTIMEYES® program. You can run the ULTIMEYES® sessions without an Internet connection, however we recommend you are connected to the Internet at least once per week.


This allows the ULTIMEYES® team to track your progress.

19. Who keeps track of my ULTIMEYES® progress?

After each ULTIMEYES® session, all data will be automatically uploaded to a database. Here the ULTIMEYES® team can see all session information, monitor your progress as well as provide support and coaching.

20. Who can I contact for help with the ULTIMEYES® program?

For any questions, concerns, or problems please email [help@ultimeyesvision.com](mailto:help@ultimeyesvision.com)

 Like  Share 2,981 people like this. Sign Up to see what your friends like.

## ULTIMEYES®

A simple-to-use vision training app **scientifically shown** to improve vision

**\$9.99**

Buy

Available on Windows, Mac, iPad, iPhone and Android devices.



### General Inquiries

For more information about ULTIMEYES®, contact [info@ultimeyesvision.com](mailto:info@ultimeyesvision.com)

### Address

Carrot Neurotechnology, Inc.  
23679 Calabasas Rd. Suite 796  
Calabasas, CA 91302-1502

### Authorized Dealers

Interested in becoming an Authorized ULTIMEYES® dealer? Contact us at [dealer@ultimeyesvision.com](mailto:dealer@ultimeyesvision.com)

### Support

If you are having problems with ULTIMEYES®, or with the website, please email [help@ultimeyesvision.com](mailto:help@ultimeyesvision.com) or call 818-796-3842

[Like](#) [Share](#) 2,981 people like this. Sign Up to see what your friends like.

## For Existing ULTIMEYES® Users Only

### Share ULTIMEYES on your device with additional users for \$4.99

Please fill out the following form. All fields are required.

**New User's First Name:**

**New User's Last Name:**

**New User's Email:**

**New User Name:**

Enter the username of the person that you are adding to ULTIMEYES®.

**Your License Key:**

### Choose payment option:

**PayPal**

-- Or --

**PAY WITH CREDIT CARD**



(U.S. only)

**\$4.99 for a limited time.**

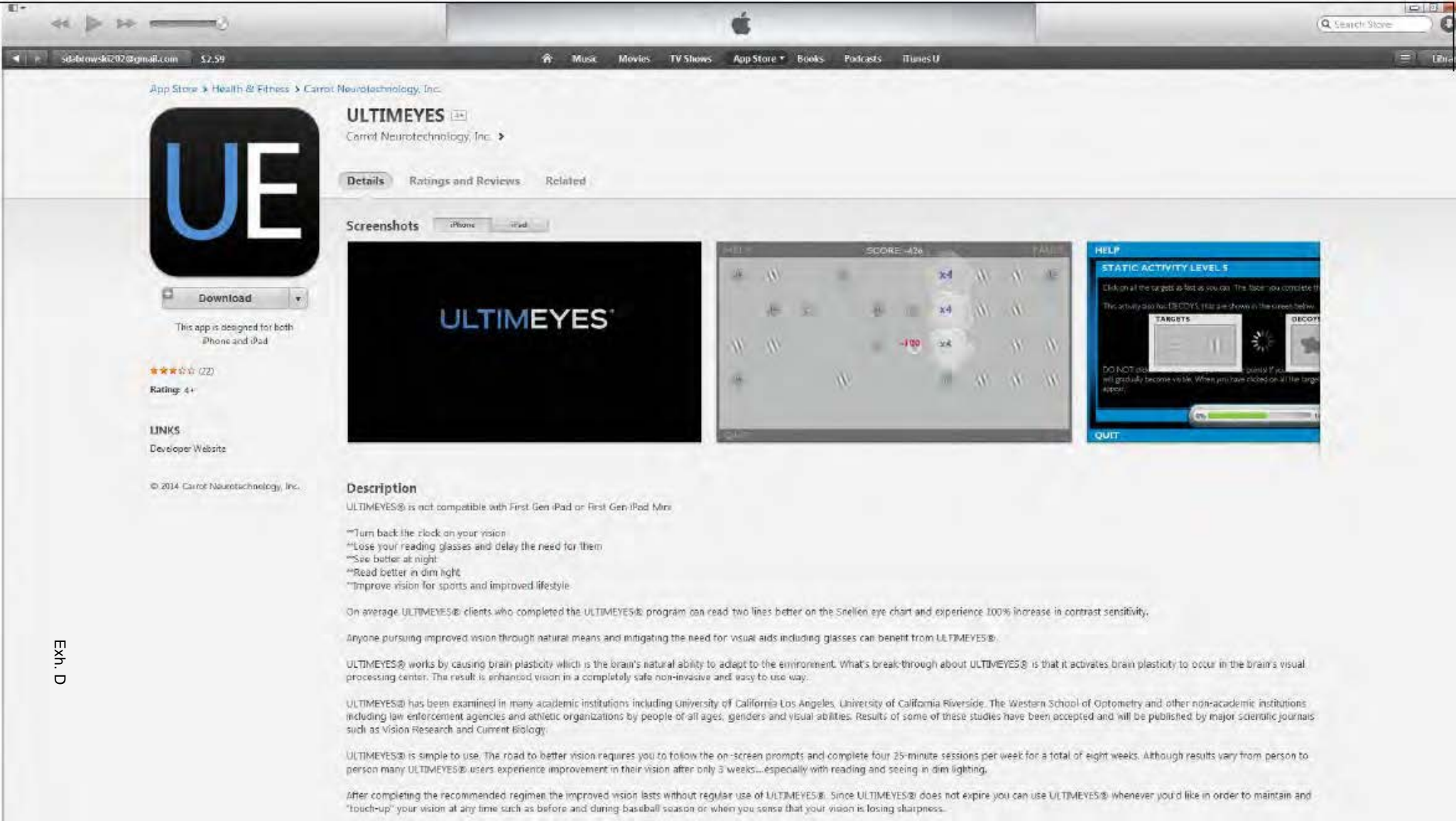
**Please make sure that your device is supported**

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Download links (Mac, PC, iPad) and license are sent after purchase

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Download

This app is designed for both iPhone and iPad

★★★★☆ (22)

Rating: 4+

LINKS

Developer Website

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ULTIMEYES

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Details Ratings and Reviews Related

Screenshots



Description

ULTIMEYES® is not compatible with First Gen iPad or First Gen iPod Mini

- Turn back the clock on your vision
- Lose your reading glasses and delay the need for them
- See better at night
- Read better in dim light
- Improve vision for sports and improved lifestyle

On average ULTIMEYES® clients who completed the ULTIMEYES® program can read two lines better on the Snellen eye chart and experience 100% increase in contrast sensitivity.

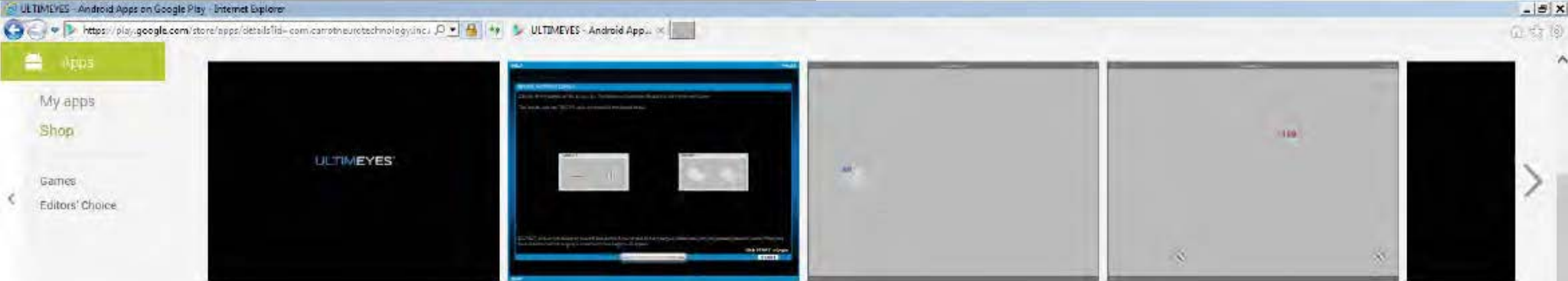
Anyone pursuing improved vision through natural means and mitigating the need for visual aids including glasses can benefit from ULTIMEYES®.

ULTIMEYES® works by causing brain plasticity which is the brain's natural ability to adapt to the environment. What's break-through about ULTIMEYES® is that it activates brain plasticity to occur in the brain's visual processing center. The result is enhanced vision in a completely safe non-invasive and easy to use way.

ULTIMEYES® has been examined in many academic institutions including University of California Los Angeles, University of California Riverside, The Western School of Optometry and other non-academic institutions including law enforcement agencies and athletic organizations by people of all ages, genders and visual abilities. Results of some of these studies have been accepted and will be published by major scientific journals such as Vision Research and Current Biology.

ULTIMEYES® is simple to use. The road to better vision requires you to follow the on-screen prompts and complete four 25-minute sessions per week for a total of eight weeks. Although results vary from person to person many ULTIMEYES® users experience improvement in their vision after only 3 weeks...especially with reading and seeing in dim lighting.

After completing the recommended regimen the improved vision lasts without regular use of ULTIMEYES®. Since ULTIMEYES® does not expire you can use ULTIMEYES® whenever you'd like in order to maintain and "touch-up" your vision at any time such as before and during baseball season or when you sense that your vision is losing sharpness.



## Description

- \*\*Turn back the clock on your vision
- \*\*Lose your reading glasses and delay the need for them
- \*\*See better at night
- \*\*Read better in dim light
- \*\*Improve vision for sports and everyday tasks

On average ULTIMEYES® clients who completed the ULTIMEYES® program can read two lines better on the Snellen eye chart and experience 100% increase in contrast sensitivity.

Anyone pursuing improved vision through natural means and mitigating the need for visual aids including glasses can benefit from ULTIMEYES®.

ULTIMEYES® works by causing brain plasticity. Brain plasticity is the same natural process that widely practiced stroke and traumatic brain injury therapies activate to enable victims to recover lost motor skills. What's break-through about ULTIMEYES® is that it activates brain plasticity to occur in the brain's visual processing center. The result is enhanced vision in a completely safe non-invasive and easy to use way.

ULTIMEYES® has been examined in many academic institutions including University of California Los Angeles, University of California Riverside, The Western School of Optometry and other non-academic institutions including law enforcement agencies and athletic organizations by people of all ages, genders and visual abilities. Results of some of these studies have been accepted and will be published by major scientific journals such as Vision Research and Current Biology.

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ULTIMEYES®

by Carrot Neurotechnology, Inc.

Platform: Android Rated: Guidance Suggested ★★★★★ (34 customer reviews)

Price: \$5.99

Sold by: Amazon Digital Services, Inc.

Available instantly

Offers in-app purchases

Get this app Please sign in before purchasing (Why?) Sign in How buying works Redeem a gift card or promotion code & view balance Add to Wish List

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By placing your order, you agree to our Terms of Use

Customers Who Bought This Item Also Bought

Grid of 10 recommended apps including Audubon Birds Pro, Reading Trainer, Audubon Wildflowers, The Secret Society, Brain App, Audubon Insects & Spiders, Audubon Trees, Audubon Mushrooms, The Room Two, and Puzzle & Dragons.

Latest Updates

- What's new in version 1.16
• Added non-Amazon devices

Product Details

ASIN: B00J8EDNAS
Release Date: March 31, 2014
Rated: Guidance Suggested
Average Customer Review: ★★★★★ (34 customer reviews)
Amazon Best Sellers Rank: #2,160 Paid in Appstore for Android

Would you like to give feedback on images or tell us about a lower price?

Product Features

- Turn back the clock on your vision
Lose your reading glasses and delay the need for them
See better at night
Read better in dim light
Improve vision for sports and improved lifestyle

Product Description

On average ULTIMEYES® clients who completed the ULTIMEYES® program can read two lines better on the Snellen eye chart and experience 100% increase in contrast sensitivity.

University of California Los Angeles, University of California Riverside, The Western School of Optometry and other non-academic institutions including law enforcement agencies and athletic organizations by people of all ages, genders and visual abilities. Results of some of these studies have been accepted and will be published by major scientific journals such as Vision Research and Current Biology. ULTIMEYES® is simple to use. The road to better vision requires you to follow the on-screen prompts and complete four 25-minute sessions per week for a total of eight weeks. Although results vary from person to person many ULTIMEYES® users experience improvement in their vision after only 3 weeks...especially with reading and seeing in dim lighting. After completing the recommended regimen improved vision lasts without regular use of ULTIMEYES®. Since ULTIMEYES® does not expire you can use ULTIMEYES® whenever you'd like in order to maintain and "touch-up" your vision at any time such as before and during baseball season or when you sense that your vision is losing sharpness.

## Technical Details

**Size:** 22.2MB

**Version:** 1.16

**Developed By:** Carrot Neurotechnology, Inc. ([Privacy Policy](#))

**Application Permissions:** ([Help me understand what permissions mean](#))

- Read from external storage
- Read only access to device state
- Open windows using the type TYPE\_SYSTEM\_ALERT, shown on top of all other applications
- Get information about the currently or recently running tasks: a thumbnail representation of the tasks, what activities are running in it, etc
- Open network sockets
- Write to external storage
- Access information about Wi-Fi networks
- Access information about networks
- PowerManager WakeLocks to keep processor from sleeping or screen from dimming
- Modify global audio settings

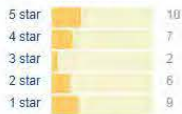
**Minimum Operating System:** Android 2.3

**Approximate Download Time:** Less than 3 minutes

## Customer Reviews

★★★★☆ (34)  
3.1 out of 5 stars

“ It seems to happen just on the top half of the screen. ”  
anita henderson | 6 reviewers made a similar statement



“ I was finally given a refund. ”  
Migdalia | 4 reviewers made a similar statement

“ If you are designing an app to improve eyesight then the text should be large enough for people with poor eyesight to read. ”  
Mary | 1 reviewer made a similar statement

[See all 34 customer reviews](#)

### Most Helpful Customer Reviews

54 of 58 people found the following review helpful

★★★★★ **Really helped me see better** April 7, 2014

By sorry customer

Been using this App for a while on my desktop and thrilled to see the android release! The exercises are actually kind of fun and after a few weeks I started to notice better definition when I looked around. Also helped with my night vision. For me effects were gradual, and my myopia is significant enough that I still use glasses, however, I appreciate seeing a clearer, more beautiful world!

1 Comment | [Was this review helpful to you?](#)

31 of 33 people found the following review helpful

★★★★☆ **Mostly superficial eye exercise** April 30, 2014

By Dr. Larry S. Horwitz

**Verified Purchase**

Though it is a fun exercise for the ciliary muscle, field of view and retina, the app is a superficial exercise. Anyone can do the same exercises while driving a car on the freeway. I use it daily for, fun. It's not going to rid me of aberrations. It may, however, help me for needing stronger correction with age.

1 Comment | [Was this review helpful to you?](#)

37 of 41 people found the following review helpful

★★★★★ **Shows Promise!** April 4, 2014

By Steve

**Verified Purchase**

It's early but I can tell this has the potential to help me a lot. I do recommend it for anyone who wants to improve their vision.

Comment | [Was this review helpful to you?](#)

36 of 40 people found the following review helpful

★★★★★ **Finally!** April 4, 2014

By Gabrielle

**Verified Purchase**

My brother got this two months ago and his hitting is better than last year. I was using his waiting for android to come out and already can tell difference with reading and TV watching. Glad to finally have this to use whenever I want.

Comment | [Was this review helpful to you?](#)

58 of 67 people found the following review helpful

★★★★★ **Performance issues with Kindle Fire First Gen - Update!** April 24, 2014

By Faith Poynton

**Verified Purchase**

**align** **Try Align.**  
Recommended by gastroenterologists\* and consumers\*  
**BUY NOW**

\*Among gastroenterologists who recommended a brand of products in Science Healthcare Analysis, LLC 2012 survey.  
†Based on 482 reviews of Align® on Align®.com as of November 14, 2012.

Ad Feedback

### Most Recent Customer Reviews

★★★★★ **Five Stars**

Excellent product

Published 9 days ago by Donald H. Allen

★★★★☆ **Eye Exercises**

I am up to level three and so far it is good but the exercises have stayed the same and they are not progressively changed very much.

Published 9 days ago by Sandy L.

★★★★★ **Changed prescription !**

Purchased it for Amazon Kindle Fire HD. works fine.

After 20 min of use in the evening, my "computer" (single focal length glasses) no longer let me see clearly.... [Read more](#)

Published 18 days ago by Lindstrom Guy

★☆☆☆☆ **One Star**

OK

Published 1 month ago by Dawn

★★★★☆ **Soon Clear View Vision?**

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MATTER NO. 1423132

TITLE CARROT NEUROTECHNOLOGY, INC.  
(ULTIMEYES)

DATE RECORDED: FEBRUARY 23, 2014

TRANSCRIBED: OCTOBER 28, 2014

PAGES 1 THROUGH 8

BRAIN TRAINING MAKES BETTER BATTERS  
YOUTUBE VIDEO

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Brain Training Makes Better Batters

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In the Matter of: )  
Carrot Neurotechnology, Inc., ) Matter No. 1423132  
(Ultimeyes) )  
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February 23, 2014

The following transcript was produced from a  
digital file provided to For The Record, Inc. on October  
22, 2014.

P R O C E E D I N G S

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BRAIN TRAINING MAKES BETTER BATTERS - YOUTUBE VIDEO

ON SCREEN: University of California  
UC RIVERSIDE  
www.ucr.edu

ON SCREEN: AARON SEITZ  
Associate Professor, Psychology

AARON SEITZ: There are, you know, over 100 million people worldwide who have serious vision problems that impact their lives. And, so, if we could use brain training to improve their vision, this has profound benefit to their lives. I decided that I wanted to try to create something which would have real-world impact.

ON SCREEN: DOUG SMITH  
Head Coach, UCR Baseball

DOUG SMITH: In Major League Baseball, the vision training has really become a prevalent thing.

ON SCREEN: JENNI DEVEAU  
Postdoctoral Researcher, Psychology

JENNI DEVEAU: We did a study with the 2013 UCR baseball team where we did vision assessments before their season started and then we conducted training. They came in to our lab. Because they are already started off with really good vision, we had to really



1 challenge their vision.

2 After the season was over, we had tons of  
3 baseball data and searched for the help of Dan Ozer to  
4 let us know what does all this mean, what can we do with  
5 all this.

6 ON SCREEN: DANIEL OZER

7 Professor, Psychology

8 DANIEL OZER: I was able to look at the  
9 improvement of the players in terms of more hits, more  
10 base on balls, additional bases, and I put that  
11 information into a formula that was developed about  
12 thirty years ago by a man named Bill James whose methods  
13 have become famous in the book Moneyball and was able to  
14 see how many runs were created in addition to what you  
15 would expect if there had just been normal improvement.

16 AARON SEITZ: With Dan Ozer, we had discussed  
17 that, you know, if they won one extra game based upon  
18 this calculation, this would be huge.

19 DANIEL OZER: And then I placed that into the  
20 context of how many runs the UCR pitchers allowed and  
21 came up with this estimate of it made a difference of  
22 somewhere between four and five games. I was shocked.  
23 There has been a lot of interest in the last couple of  
24 decades, people with a very serious interest in  
25 statistics beginning to look at baseball data because

1 it's runs and runs allowed that win and lose games.

2 DOUG SMITH: From an offensive standpoint, I  
3 think our strike zone judgment has got better. Any time  
4 we can get in that situation, our on-base percentage is  
5 going to go up, all because we have the ability to lay  
6 off a pitch because we see it just a little bit more  
7 clearly.

8 JENNI DEVEAU: Many of the players, they  
9 described being able to see things in dimmer light  
10 conditions, being able to see the ball better, being able  
11 to hit the ball better. They had less strikeouts  
12 compared to the rest of the league and they had more runs  
13 created.

14 DOUG SMITH: In our game, the margin of error  
15 is so small that any edge we get can take us over the  
16 top.

17 ON SCREEN: 31% IMPROVEMENT IN VISION

18 4.4% FEWER STRIKEOUTS

19 41 MORE RUNS

20 4 TO 5 MORE WINS

21 AARON SEITZ: The key idea is that you're not  
22 changing how the eyes were; you're making the brain more  
23 efficient at processing the information from the eyes.

24 DANIEL OZER: It made a difference of somewhere  
25 between four and five games, and there will be lots of

1 baseball players interested in getting this training.

2 AARON SEITZ: What I've been able to do is take  
3 my research that started looking at a very simple basic  
4 science problem and turn it into a game that anybody  
5 could play that has real-world benefits.

6 ON SCREEN: For more information

7 UCRTODAY.UCR.EDU

8 (The video recording was concluded.)

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## 1           C E R T I F I C A T I O N     O F     T Y P I S T

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3       MATTER NUMBER: 1423132

4       CASE TITLE: CARROT NEUROTECHNOLOGY, INC. (ULTIMEYES)

5       TAPING DATE: FEBRUARY 23, 2014

6       TRANSCRIPTION DATE: OCTOBER 28, 2014

7

8           I HEREBY CERTIFY that the transcript contained  
9       herein is a full and accurate transcript of the tapes  
10      transcribed by me on the above cause before the FEDERAL  
11      TRADE COMMISSION to the best of my knowledge and belief.

12

13                                   DATED: OCTOBER 28, 2014

14

15

16                                   ELIZABETH M. FARRELL

17

## 18           C E R T I F I C A T I O N     O F     P R O O F R E A D E R

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20           I HEREBY CERTIFY that I proofread the transcript for  
21      accuracy in spelling, hyphenation, punctuation and  
22      format.

23

24

25                                   SARA J. VANCE

ULTIMEYES



April 18, 2014 09:00 ET

## Chart-Topping ULTIMEYES® App Now Available for iPhone and Android Devices

App Scientifically Shown to Improve Vision is Downloadable Now in the Apple App Store for the iPad and iPhone, and Android Phones via Google Play and Amazon's Appstore for Android

LOS ANGELES, CA--(Marketwired - April 18, 2014) - Carrot Neurotechnology, Inc. announced today that its popular vision-enhancing interactive game App, ULTIMEYES®, has launched for all iOS and Android platforms. Previously available only for the PC, Mac and iPad, anyone with an iPhone or Android device can now improve their vision...at home or on the go. Improve the clarity of your vision and ability to see in poor lighting, lessen the need for reading glasses, and improve vision for sports and other everyday activities for a better lifestyle. From athletes who want to sharpen their "perfect vision" to people who struggle with low vision issues, ULTIMEYES® has been scientifically shown to help increase vision capabilities via perceptual learning.

"We are excited to bring the ULTIMEYES® App to mobile users around the world. We have received an enormous amount of positive feedback from users who are experiencing better vision, with some noticing improvement in as little as three weeks," said Adam Goldberg, CEO of Carrot Neurotechnology, Inc. "We want everyone with access to a PC/Mac, Android and Apple device to be able to benefit from this easy-to-use app that works as a competitive and fun game."

"Having worked with professional teams and individual athletes on vision training for the past 41 years, I'm always looking for new tools to add to my regimen when trying to give the pros an edge," said Dr. Bill Harrison, O.D. of SlowtheGameDown in Laguna Beach, CA. "When I heard about the results that the UC Riverside baseball program had with ULTIMEYES, we reviewed it and decided to add it to our sports vision program."

The most notable study<sup>1</sup> was conducted by the University of California, Riverside in collaboration with the UCR Highlanders baseball team. On average, the visual acuity increased 31%, with seven of the players' vision improving to 20/7.5 using a standard Snellen chart. Normal vision using the Snellen chart is 20/20. The improved vision resulted in batting performance strikeouts decreasing 4.4% and increasing the number of runs created. Using Bill James<sup>2</sup> formula for runs created, the researchers calculated that the team created 41 more runs, resulting in 4 to 5 additional wins for the season. Looking at other standard measures of offensive performance (Batting Average, Slugging Percentage, On Base Percentage, Walks, and Strike Outs), in every case UCR's year-over-year improvements were substantially greater (at least 3X) than the rest of the league.

ULTIMEYES® is an easy-to-use integrated app that uses a series of special game-like exercises that

stimulate brain plasticity to make visual processing more efficient. Brain plasticity is the brain's mechanism that allows us to acquire new skills or improve upon the ones we already have, including vision. The program should be used four times per week for eight weeks, and each session is only 25 minutes long. Though results vary from person to person, on average, ULTIMEYES® users that have participated in ULTIMEYES studies could read one or two lines better on the Snellen eye chart and experienced a 100% increase in contrast sensitivity. Studies have been conducted with high performance athletes, law enforcement agencies, and people of all ages, genders and vision capabilities. Additional studies looking at other vision-related issues and applications are already underway. For more information on ULTIMEYES® please visit [www.ultimeyesvision.com](http://www.ultimeyesvision.com) and [www.youtube.com/ultimeyes](http://www.youtube.com/ultimeyes).

**About Carrot Neurotechnology, Inc.**

Carrot Neurotechnology, Inc. is a private company founded by neuroscientists and video-game professionals, and is focused on developing new perceptual learning mechanisms that deliver improved vision and an enhanced lifestyle. Carrot Neurotechnology, Inc. develops and sells its patent pending integrated game program, ULTIMEYES®, that delivers affordable, safe, and comprehensive vision improvement for sports, reading, driving, and relieving the need for traditional visual aids used for age related eye conditions such as presbyopia and loss of contrast sensitivity.

<sup>1</sup> The study was published by the peer-reviewed journal, Current Biology - February, 2014.

<sup>2</sup> Bill James' methods for baseball statistics and analysis were made famous in the movie *Moneyball*.

<http://www.amazon.com/ULTIMEYES>

<https://play.google.com/ULTIMEYES>

<http://appstore.com/ULTIMEYES>

[www.ultimeyesvision.com](http://www.ultimeyesvision.com)

**CONTACT INFORMATION**

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PR@Ultimeyesvision.com



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## University of California Reports Findings That ULTIMEYES® Produces Better Vision and Real World Benefits – Published in Current Biology

A study conducted with UCR Baseball Team demonstrates that Carrot Neurotechnology Inc.'s interactive vision training game ULTIMEYES® produces improved vision and quantifiable real world benefits.

Calabasas, CA (PRWEB) February 17, 2014

Carrot Neurotechnology, Inc. today announced that the peer-reviewed journal Current Biology published the results of a study entitled "Improved vision and on-field performance in baseball through perceptual learning," in the February 17th issue, which demonstrates that improved vision resulting from Carrot Neurotechnology's integrated interactive game program ULTIMEYES® yields improved vision with real world benefits. In this peer-reviewed journal, the researchers go on to say that the results of the study demonstrate the ability to deliver real world benefits across a broad range of activities ranging from athletics to more routine lifestyle activities such as reading, watching TV and driving.

The study was conducted by the University of California Riverside and the University of California Riverside baseball team prior to the 2013 season and included 37 players. As a result of using the integrated interactive game program visual acuity of the trained players increased 31% following use of the program and 7 of the players reached impressive 20/7.5 Snellen acuity. Contrast sensitivity function improved similarly in the trained players. Baseball players typically have excellent vision, so the extent of the improvement surprised the researchers. Players reported, "My eyes feel stronger", "I can see the ball better while I'm hitting", "I have greater peripheral vision. Easy to see further", "I can tell a change in dim light and being able to distinguish lower contrasting things."

Acuity is the sharpness of vision and contrast sensitivity is the ability to see details in low contrast such as seeing in dim light at night.

Testing ULTIMEYES® in baseball players enabled analysis of real world performance, in this case batting performance. The study demonstrated that trained players delivered better on-field performance than before use of the program including 4.4% fewer strikeouts, generated 41 more runs to achieve 4 to 5 more wins. UCR's year-over-year improvements were at least three times greater than the rest of the league in batting average, slugging percentage, on-base percentage, walks and strikeouts, the researchers determined.

UCR's Head Baseball Coach Doug Smith said, "I didn't think we would see as much of an improvement as we did. Our guys stopped swinging at some pitches and started hitting at others. Their average strikeout total went down and batting went up."

"This study reaffirms that our product delivers improved visual performance and confirms that these improvement transfer into practical real-world benefits. We're encouraged and excited by the broad range of lifestyle benefits that many individuals who rely on vision including athletes but also those with normal vision and low vision going about their routine tasks," said Adam Goldberg, CEO of Carrot Neurotechnology, Inc.

The publication is available now at: <http://www.cell.com/current-biology/>

Video summary available at: <http://youtu.be/EKbbF66cyql>.

ULTIMEYES® is currently available for Microsoft Windows, Mac OS X and iPad and will soon be available on Android tablets. For more information about ULTIMEYES®, visit [ultimeyesvision.com](http://ultimeyesvision.com).

About Carrot Neurotechnology, Inc.

Carrot Neurotechnology, Inc. is a private company founded by cognitive neuroscientists, vision scientists, and former video-game executives focused on developing new perceptual learning mechanisms that deliver improved vision and enhanced lifestyle. Carrot Neurotechnology, Inc. develops and sells its patent pending integrated game program ULTIMEYES® that delivers affordable safe comprehensive vision improvement for sports, reading, driving and relieving need for traditional visual aids used for age-related eye conditions such as presbyopia and loss of contrast sensitivity.

About Current Biology

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## About University of California, Riverside

The University of California, Riverside (<http://www.ucr.edu>) is a doctoral research university, a living laboratory for groundbreaking exploration of issues critical to Inland Southern California, the state and communities around the world. Reflecting California's diverse culture, UCR's enrollment has exceeded 21,000 students. The campus opened a medical school in 2013 and has reached the heart of the Coachella Valley by way of the UCR Palm Desert Center. The campus has an annual statewide economic impact of more than \$1 billion. A broadcast studio with fiber cable to the AT&T Hollywood hub is available for live or taped interviews. UCR also has ISDN for radio interviews. To learn more, call (951) UCR-NEWS.

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