

## **AMAZING COLYRIO**

#### **OXYGENATING EYE DROPS**

RESEARCH STUDY REPORT FEBRUARY 2022



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### Study Subject

Amazing Colyrio eye drops is the subject of this study. Its formula has a combination of ionized oxygen molecules and oxygen donor compounds that help restore the electrolyte balance in natural tears, thus maximizing dissolved oxygen infusion into the cornea and other eye tissues. When Amazing Colyrio is applied to the eyes, its mineral electrolyte chelates promote and oxidant-antioxidant balance in the lacrimal fluid that carries on to other fluids around the eye. By ionic diffusion, it triggers several useful biochemical mechanisms that can transfer across membranes, penetrate tissues, and ultimately augment their dissolved oxygen content.

## **Study Conclusion**

The data showed improvement on all eye and vision problems initially identified by the participants. Remarkably, 28% of these issues were reduced within the first 48 hours, and 22% of the vision problems were eliminated. Some participants noticed vision test improvement although refractive errors were not a focus of this study. Overall success rate was 84% with 2 weeks of use, which strongly suggests that continuation of treatment will advance correction of the issues. The outcome supports regular use of the drops as a maintenance program for good eye health.

The results demonstrate that with effective enhancement of eye tissue oxygenation their biological function can be rejuvenated, and it may be possible that Amazing Colyrio non-invasive oxygenating method can substantially improve and successfully reverse eye issues and vision problems, rather than merely stem its progression.

## Study Background

The majority of tissues and organs of a living body are supplied oxygen indispensable for their function from circulation blood. In the case of the eye, things are different. The cornea, which lacks blood vessels, gets its oxygen mainly from tears and is a principal structure in supplementing oxygen to the rest of the eye. The tears get the oxygen from the air. It captures atmospheric oxygen and transforms it to a biological form absorbable by the cornea.

If the chemistry of the tears is not in equilibrium, their ability to metabolize, carry and deliver oxygen to the eye structures is impaired

Poor eye oxygenation is a major stressor and manifests in various ways. The retina is a thin tissue that lines the back interior of your eye. Its cells detect light, turn it into electrical signals, and communicate with the brain to produce vision. The retinal function is sensitive to oxygen levels, and when availability is low, the retina reacts by pumping up its veins to absorb more oxygen. This response can lead to new abnormal growth of blood vessels, peripheral vision issues, poor night vision, and sensitivity to light. It can further cause degeneration of the macula, the part of the retina at the back of the eye responsible for our central vision.

In the naked eye, corneal surface is covered with tear film. The cornea uptakes oxygen from the dissolved oxygen in the lacrimal fluid. A stable supply of oxygen is essential to a healthy eye, especially the cornea. When the tear volume decreases, a total amount of dissolved oxygen decreases, and the cornea cannot uptake the required oxygen sufficiently. Oxygen is necessary for the healthy function of ophthalmic structures and cells, just as in all somatic cells—for respiration, metabolism, and other cellular functions. Ocular hypoxia, or low oxygen content in the eye, is an important factor in a number of pathologic ophthalmic conditions or disease states, such as corneal neovascularization, corneal edema, corneal abrasions, and recurrent erosion syndrome, which are associated with such symptoms as irritation, redness, contact lens intolerance, foreign body sensation, blurry vision, and photophobia. Corneal hypoxia has also been associated with an increased susceptibility to infections.

Dry eyes are the most easily noticed condition caused by poor oxygenation. In addition to the discomfort associated with dryness, other symptoms of low oxygen levels include blurred vision, burning, irritation, excessive tearing, a scratchy, gritty feeling, almost like sand in the eye, secretions, morning crusting, eye pain, swelling, and inflammation. Deficient eye oxygenation is also related to susceptibility to frequent eye infections.

An ophthalmic solution that can maximize oxygenation of the eye structures can ameliorate symptoms related with a deficient in their oxygen supply. Presently, there are no oxygenated ophthalmic compositions for use to increase the oxygen concentration of the tear film, and no oxygenated compositions for treating or preventing damage of the eye caused by poor oxygenation. There is a need for compositions and methods to increase the oxygen concentration of the tear film and in the rest of the fluids that belong and support the organ and its vision performance.

#### Product mode of action

Eye tissues revitalized with adequate oxygen levels show improvement across the range of their capabilities.

When Amazing Colyrio combines with our natural tears, it will purify them by breaking down contaminants present, maximizing their oxygen load, and improving their hydration properties. After the oxygen and electrolyte balance in the lacrimal fluid are achieved, the extra oxygen is absorbed into the outer layer of the eyeball and reach deeper layers weakened by incompetent oxygenation. As the oxygen supply to the eye tissues increases, their functionality gradually improves and, in some cases, can achieve maximum performance. When this happens, eye problems that had been caused by deficient oxygenation will show significant improvement, and some can be completely reversed.

In general, in addition to its tissue repair properties, the application of an oxygenating ophthalmic solution could be providential due to the anti-inflammatory and bactericidal activity of the oxygen metabolites it contributes.

Amazing Colyrio suggested dose is one drop on each eye, 2 to 4 times daily. It can be used more often for comfort. It is compatible with the use of contact lenses.

Active Ingredients: Boric Acid 0.015% (Anti-Infective, Lubricant), Sodium Chloride 0.09% (Isotonic Agent). Other: magnesium, sodium, potassium, calcium chlorides and oxychlorides in a sterile buffered solution with a chelating agent.

Amazing Colyrio was developed under the FDA, Over-The-Counter Monograph Process. As an OTC drug, Amazing Colyrio is safe and effective for use by the general public without seeking treatment by a health professional.

## Demographic

This study was aimed at evaluating the short term effectivity of Amazing Colyrio oxygenating eye treatment on chronic eye and vision problems most prevalent among the adult population, and commonly regarded as irreversible and age-related eye conditions. Wetway LLC privately funded this research that ended on February 2022.

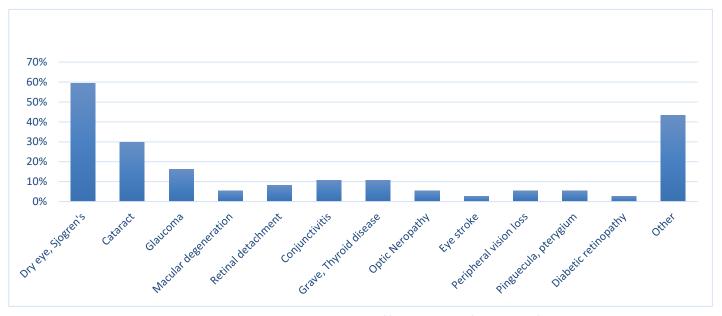
A pre-qualifying survey was sent to 125 willing study volunteers and 70 entries were accepted. Qualification criteria was chronic, irreversible conditions, with prior history of over the counter and prescription ophthalmic treatment that had failed to affect significant positive outcomes and lasting success. Amazing Colyrio samples were shipped to the 70 volunteers. In total, 38 participants completed the study, and their evaluations are included in this report. The name of the volunteers or any other identifiable personal information was not included in the research. The only demographic data collected from the participants were their age and gender.

Average age of participants: 58.6 years Youngest participant: 34 years old

Oldest participant: 78 years old Gender: 30 females and 8 males

## Prevalence of eye disease diagnosis shared by the participants

Not all participants in this study had received a formal diagnosis by an ophthalmologist.



For a medical description eye diseases, you can refer to: <a href="https://www.aao.org/eye-health/a-z#l">https://www.aao.org/eye-health/a-z#l</a>

#### Comments:

Below we included excerpts from participant's notes regarding some of their eye's problems.

Had surgery to remove fat deposits behind my eyes

Had surgery to correct strabismus. Chronic tired eyes.

Dark spot behind cornea

Heavy smoker. Feels something scraping inside eyes and it moves from eye to eye.

Bad allergies and chronic tired eyes that affect vision.

Cataract laser surgery on both eyes.

Laser treatment for wrinkling

Eye stroke

Chronic secretions, boogers

Chronic allergy eyes

Malfunctioning tear ducts since birth

Symptoms worsen at night

Sever migraines causes temporary vision loss. Great occurrence of floaters.

Damaged optic nerve.

Laser open holes for glaucoma in each eye

Had blepharoplasty - Sagging. Upper eyelid surgery

Laser surgery and injections for wet glaucoma

Floaters, Light perception changes

Flashes in the dark

Impaired night vision

Astigmatism since childhood

Blepharitis

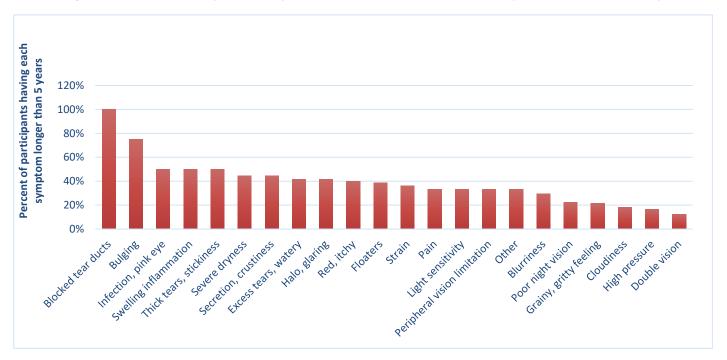
## Number of years since eye issues have been experienced almost daily

The participants marked on a check box only the problems they have constantly. Because the study only lasted 2 weeks, the charts do not include the problems that manifest less frequently, like weekly or a couple of times a month.



## Prevalence of daily persistent symptoms for longer than 5 years

According to the median, 40% of persistent eye and vision issues have been a chronic problem for more than 5 years.



## Diagnosed health conditions among the study participants

This data can provide additional insightful information since eye issues are typically connected to health problems.

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Arthritis, RA

Chronic obstructive pulmonary disease

High blood pressure

Thyroid disorder

Seasonal allergies,

Asthma

Osteoporosis

Lyme disease

Rosacea

**Psoriasis** 

Liver disease

Fibromyalgia

Chronic Fatigue Syndrome

Depression, anxiety

**Tinnitus** 

Fibroids

Trigeminal Neuralgia

**ADHD** 

Insomnia

Multiple Sclerosis

Irritable bowel syndrome

Dysautonomia

Polycystic ovary syndrome

Along with the sample bottle of Amazing Colyrio, the participants received the following instructions:

The study will collect information from the first 2 weeks of use. You are free to choose either of the proposed treatment protocols shown below:

PROTOCOL I- Take 2 drops one minute apart on each eye first thing in the morning and before bedtime. (1-month treatment)

PROTOCOL II- Take 2 drops one minute apart on each eye, spread out 4 times a day. (2-week treatment)

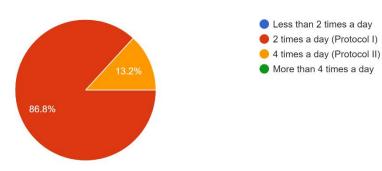
These are the guidelines:

YOU MUST DISCONTINUE USE UPON SIGNIFICANT AND PERSISTENT DISCOMFORT.

- You do not need to stop any other eye drops you may be currently applying. Apply Colyrio before the
  other eye products.
- If you are wearing daily contact lenses, we recommend you apply the first drop of the oxygenating solution
  on each eye before you put the lenses on, then apply the second drop after putting them on.
- When removing the contacts, apply the first drop while still wearing them and the second drop after having taken them off.
- If you have the overnight lenses, start with a fresh pair on the first day of treatment.

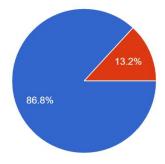
## Post-treatment responses

On average, how often did you apply the drops? 38 responses



Did you use the drops alone?

38 responses



 I only used the oxygenating drops
 I used the oxygenating drops in addition to my current eye treatment

#### Post-treatment comments:

Below we included excerpts from participant's notes regarding some of their experiences relieving symptoms.

"Crusty eyes in the morning have gone away completely." "Boogers throughout the day are less and less."

"My eyes feel younger"

My eyes have never felt this good with any drops, noticed after first use. I didn't realize they were not feeling good until I used the drops.

"Still cloudiness but less. Floaters are less as well. All my daily issues improved significantly."

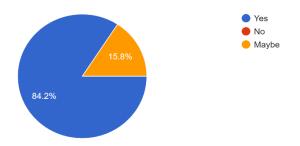
"After applying the eye drops I could read to the 7th line on the eye chart, standing back 10 feet."

I had been operated on for bulging eyes, they were much better but still not normal. oh my goodness with these drops my eyes look SO MUCH BETTER like normal. I don't know what it is but it works!!!! you have NO IDEA how happy I am with these drops. I don't EVER want to be without them.. after all these years i feel like i have my eyes back the way they were before i had graves disease. THANK YOU FROM THE BOTTOM OF MY HEART!!!

pterygium In right eye significantly reduced within 1st week of drops

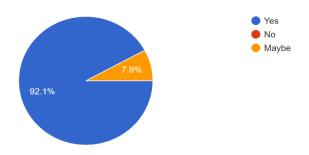
Do you feel that continuing to use the oxygenating drops will support further improvement of your eye health?

38 responses



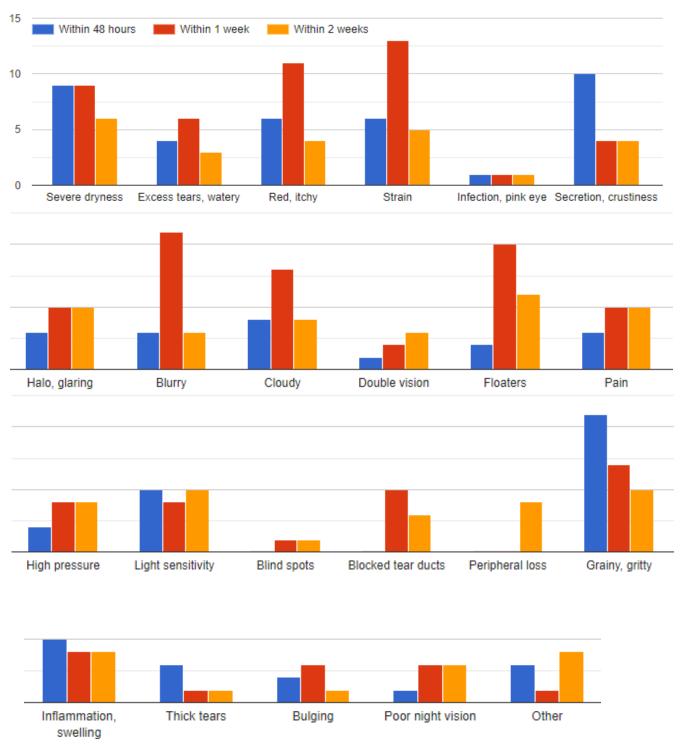
Do you feel that continuing to use the oxygenating drops will support a good eye maintenance program?

38 responses



Following charts imported the information directly from the answers the participants submitted and are automatically generated by Google Forms. The administrators are not able to make any changes to the responses on the participant's forms after they were submitted.

Indicate the applicable time frame when you first noticed some improvement on any of these eye symptoms, after you started using the eye drops.



## What do the previous results can tell us about the effectiveness of the oxygenating eye treatment?

All symptoms and vision issues responded very well to the treatment with oxygenating eye drops.

Efficiency of the treatment did not show important differences when comparing recent issues vs chronic problems. For this reason, we only used the 5-year reference point to indicate for how long the problems had been present.

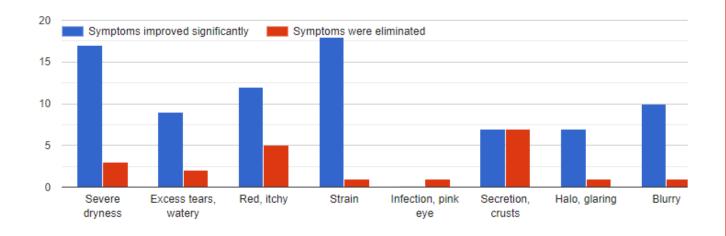
Several values on the improvement side are exceeding 100%. This means that some participants reported improvement for a symptom that had not been reported as a problem in the pre-treatment form, and the count of improved issues is higher than the count of initial issues. The reason this happened is that the participants did not initially report them because they did not know the symptom was a problem until it wasn't anymore. Maybe they did not expect the treatment to help with that symptom, or they were so used to have it that didn't think about it.

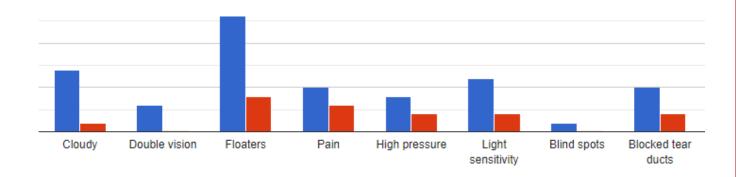
Top issues with fastest improvement: Secretion, crusts, gooey eyes, grainy, gritty, sandy feeling, thick tears, sticky eyes, swelling, inflammation, bulging eyes.

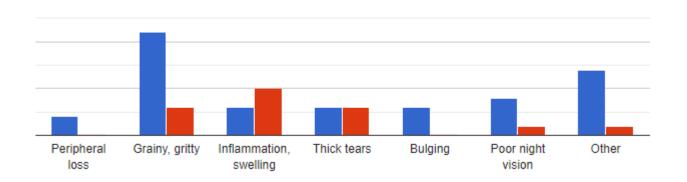
Eye and vision problems identified on the evaluation form of this study	Percent of participants with this issue LESS than 5 years	Percent of participants with this issue MORE than 5 years	Percent reported IMPROVEMENT WITHIN 48 HOURS	Percent reported IMPROVEMENT WITHIN 2 WEEKS
Severe dryness	56%	44%	30%	80%
Excess tears, watery	58%	42%	33%	108%
Red, itchy	60%	40%	30%	105%
Strain	64%	36%	18%	71%
Infection, pink eye	50%	50%	17%	50%
Secretion, crusts	56%	44%	77%	138%
Halo, glaring	58%	42%	20%	87%
Blurry	70%	30%	8%	47%
Cloudy	82%	18%	22%	89%
Double vision	88%	13%	9%	55%
Floaters	61%	39%	8%	69%
Pain	67%	33%	33%	144%
High pressure	83%	17%	22%	111%
Light sensitivity	67%	33%	21%	58%
Blind spots	100%	0%	0%	100%
Blocked tear ducts	0%	100%	0%	400%
Peripheral loss	67%	33%	0%	67%
Grainy, gritty	79%	21%	79%	164%
Inflammation, swelling	50%	50%	50%	130%
Thick tears	50%	50%	75%	125%
Bulging	25%	75%	50%	150%
Poor night vision	78%	22%	11%	78%
Other	67%	33%	60%	160%

We asked the participants if any of the improvements they experienced were substantial. These charts show the issues that were significantly reduced in just 2 weeks, and the symptoms that were totally reversed.

Indicate when applicable, any eye symptoms that significantly improved or were resolved by the end of the two weeks trial.







# What do the previous results can tell us about the effectiveness of oxygenating eye drops when compared to current eye treatment solutions available in the market?

Significant improvement indicates a substantial enhancement, an advancement over a previous improvement. Symptoms responded faster and/or better than with other ophthalmic treatments used in the past.

Top issues eliminated within 2 weeks: redness, secretions, pain, blocked tear ducts, inflammation and swelling.

Top issues that significantly improved: Severe dryness, runny eyes, redness, eye strain, secretions, halo, glaring, floaters, pain, high pressure, blind spots, grainy feeling, blocked tear ducts, thick tears, bulging, poor night vision and symptoms worsening at night, with complete disregard of the amount of time they had been persistent.

"Other" symptoms that significantly improved are found on the next page.

Eye and vision problems evaluated in this study	Number of participants that reported this problem	Percent that reported SIGNIFICANT IMPROVEMENT	Percent that reported ELIMINATION OF THE PROBLEM
Severe dryness	30	57%	10%
Excess tears, watery	12	75%	17%
Red, itchy	20	60%	25%
Strain	34	53%	3%
Infection, pink eye	6	0%	17%
Secretion, crusts	13	54%	54%
Halo, glaring	15	47%	7%
Blurry	36	28%	3%
Cloudy	18	39%	6%
Double vision	11	27%	0%
Floaters	26	50%	15%
Pain	9	56%	33%
High pressure	9	44%	22%
Light sensitivity	24	25%	8%
Blind spots	2	50%	0%
Blocked tear ducts	2	250%	100%
Peripheral loss	6	33%	0%
Grainy, gritty	14	79%	21%
Inflammation, swelling	10	30%	50%
Thick tears	4	75%	75%
Bulging	4	75%	0%
Poor night vision	9	44%	11%
Other	5	140%	20%

Here there is a good opportunity to explain the percent of improvements higher than 100%. Let's look at the "Blocked tear ducts":

2 participants is 100% that reported this problem initially. 250% of participants indicated significant improvement. By the rule of 3, 250% equals to 5 participants that declared significant improvement with their blocked tear ducts. Another 2 participants reported elimination of the problem. In all, 7 participants had their blocked tear ducts improved although only 2 participants initially reported it.

Following are the closing statements from study participants shown as digital image captured from the comment section of the report summary.

Additional comments? (Optional)

25 responses

Using the drops feels soothing to the eye, relieving b a sense of stress. Continued use is desireable

Floaters are still there but they appear much lighter. I'm interested to see how things change with another 2 weeks of use.

I am excited to purchase this product when it becomes available!!! I used to work as a hyperbaric technician and am well versed in the huge benefits of oxygen and even a couple oxygenating products, and now one more! I will be sure to purchase for my regular eye maintenance when it is available! Thank you! I will be mentioning this to my family members as well!! Great product! Thank you again!!

The eye drops did sting when I first started but no longer. I use the lines in the palm of my hand to gauge clearity, and I can see more definition lines. I need more time with the eye drops

Definitely improved floaters, they are not all gone, but I'm hope they will continue to fade as I use the rest of the bottle Thank you for allowing me to try them

I was amazed because I notice my eye muscles are stronger. I do not know if it will help my high pressure (pre glaucoma). I would like to continue on these drops. Thank you so much for allowing me to be part of this study.

Right after using the drops my eyes felt smooth

I would like to continue using the drops. Can these drops be purchased? I would also be willing to continue recording and reporting my ongoing progress. Thank You!

Night drops burned

I am not experiencing significant improvements in my symptoms yet, but I am noticing some slow improvements.

LABSOLUTELY LOVE THESE DROPS!!!

I had little redness and irritation using the drops which surprised me, but it wasn't enough to stop using the drops. I was hoping for improvement in blurry vision and a decrease in eye tearing but that didn't happen in the 2 week time but I think it may help with more time. The biggest change I noticed was the decrease in dark spot of the floater ... that amazed me ... it was so big I would think a bug was on things and now it's just almost gone. The thing that changed that I didn't even realize was that I don't wake up with eye goobers now ... I wasn't really paying attention to that but it was a change.

Thank you for inviting me to this eye drop study. These eye drops have helped my eye issues improve markedly, whereas others I have been using have not. I will happily purchase them when available.

thank you for the ear drops, for they have helped, the buzzing is not completely eliminated but improved. Are these available for purchase?

I feel like I need more time with them. They did great things for my eyes, very positive...I have suffered with a mild upper sinus infection for over 10 years. The biggest improvement that I've noticed is the clearing of the upper sinus every time I've used these drops. In fact, there was about a week right there in the middle where some green goop was coming out of my eyes....a healing crisis. When these drops become available, I will continue using them. I believe I have experienced massive benefit already and am eager to see the end of some very chronic conditions. Thank you SO much for allowing me to enter this study!

I really don't want to do without these eye drops! I have made significant progress that I don't want to go backwards. Can't wait until they are available

To purchase! They will be part of my daily routine. Looking forward to my next eye exam to see the improvement.

Thank you for allowing me to try the product

Thank you! so grateful to participate, to have some improvement in short time frame after many years, is a blessing. Cheers

The drops work very well and I felt it helped significantly and quickly

These really helped, in many ways, I wander how much more my eyes could be helped with longer use?

My eyes have improved significantly! Thank you for allowing me to participate.

I am willing to continue the drops (if cost is not a problem) to see if additional and significant improvement will be seen. There are days when improvement is more noticeable than others and I may have seen better yesterday than today and then tomorrow I may see as well as yesterday. I have used the Snellen chart for some time to gauge my eye sight and I do know that the chart seems to be easier to identify letters and even better on smaller lines. Blurriness which I attribute to astigmatism I note to be somewhat better and if using the drops for a longer period decreases the astigmatism that would be significant. Blurriness which may be due to cataracts - I cannot say for certain that the condition has improved slightly - that is the one thing I hope more for so that I can avoid the surgery involved to rectify that issue. With the dry eyes, pain, tearing etc. which I have been experiencing for way too long - I am fearful of subjecting my eyes to any surgery that is not reversable. I used the drops faithfully - two drops in each eye - morning and night - waiting one minute before adding one more drop. I tried to keep the 2nd drops in my eyes for at least an additional minute without blotting or losing the tear / drop. Thanks for allowing me to add my comments.

I am so appreciative to have been included in this study. I am grateful and would be happy to answer any further questions. I believe the drops really help. And I am so sorry for the tardiness in getting this back to you. It has been very hectic.

Although not completely eliminated, I think these drops are helping significantly with the tearing, dryness and cloudiness. I will continue to use the drops twice a day. I do have to wait a minute between drop 1 and drop 2 as it will cause a temporary sting if I put 2 drops in at once. Thank you for letting me be part of this trial.

I think the oxygen eye drops have helped my eyes some, but due to the nature of the injury incurred from the excessive bright light flashes on them in my last eye exam, they must need more time and treatments to significantly improve, and properly heal. I didn't have significant improvements during this trial, so I left those sections blank. Thank you for choosing me to participate in your study. If you decide to do an extension to this study, to see if there are further or significant improvements, I would be interested in participating. Thank you and have a nice day. :-)

All cells in the body need adequate levels of oxygen to support their metabolism. The cells in eye tissues and eye structures are no different. Amazing Colyrio is formulated to increase their oxygen bioavailability thereby improving relieving their symptoms associated with poor oxygenation and supporting eye health.



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