



TWOP News

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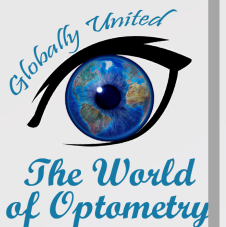


The

World of Optometry

BRAIN INJURY

AND THE EYE



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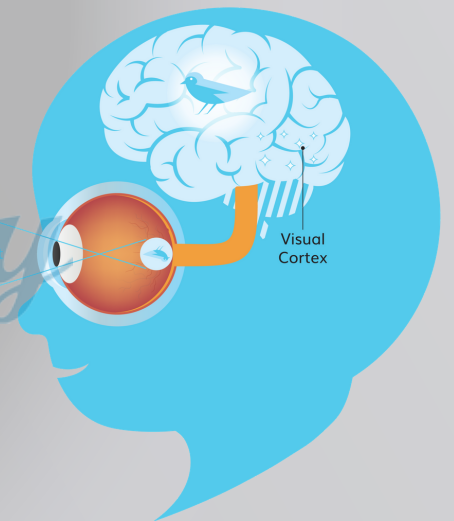
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Introduction

We often think vision is simply what we see. However, vision includes how our brain perceives what we see. Vision helps other systems in the body work well, including thinking and moving around.



When the visual system is not functioning properly, there could be a range of impact on our routine activities and qualities of life.

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Vision problems after brain injury

Vision problems after brain injury are often detected by optometrists and ophthalmologists. Common types of vision problem after brain injury includes:

- **Blurred vision**
- **Double vision**
- **Decreased peripheral vision**

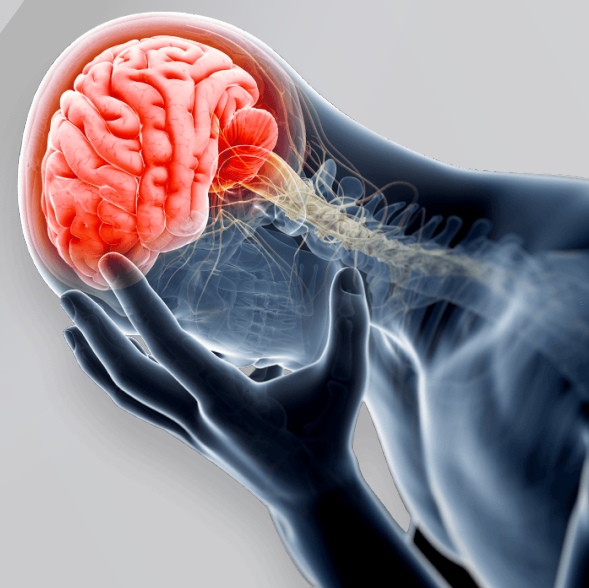
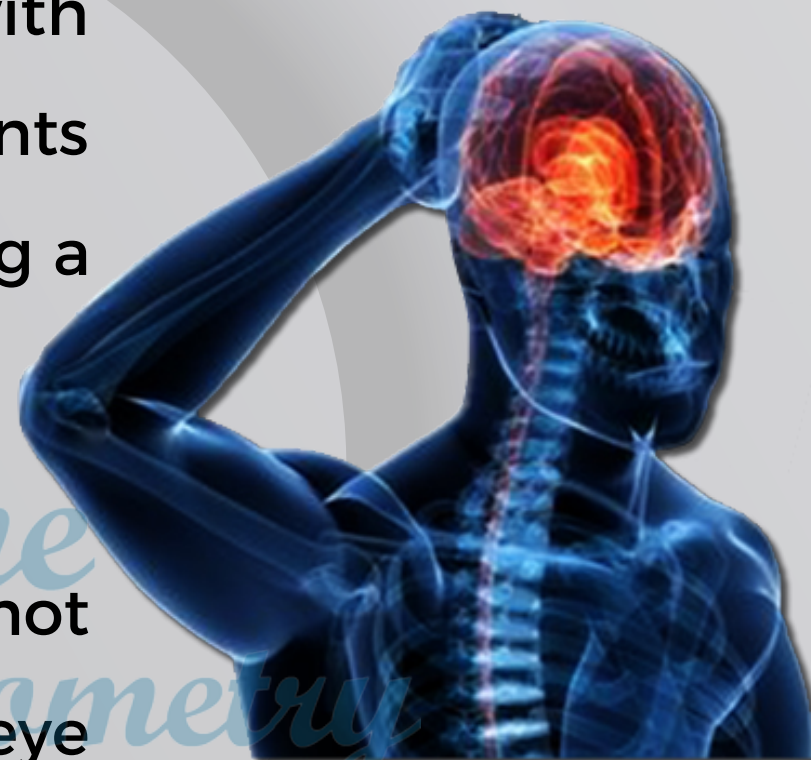
There could be a complete loss of vision in one or both eyes, depending on the location and severity of the injury.



Brain injury

Brain injury could cause a problem with eye movements. The eye movements are not in sync and difficulty following a moving target.

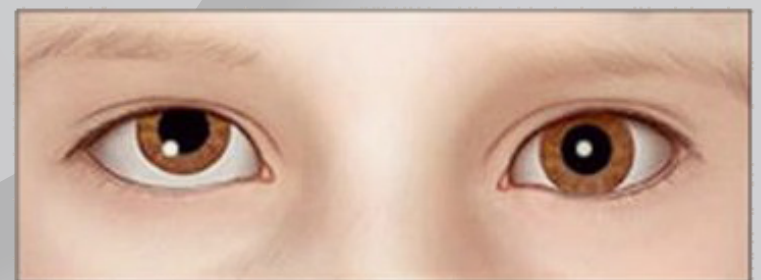
Another problem is the eyes may not work as a team, for example, the eye may not move inward, towards the nose, to see things clearly up close. Or may not be able to realign outward to focus on objects at different distances.



Brain injury

Sometimes, brain injury can cause a weakness or imbalance in eye muscles. One eye may turn in/out more than it needs to.

This problem is usually a result from a nerve injury that controls the eye muscles.



Methods in Managing

There are a few methods in managing these vision problems. It is best to discuss with your eye care professionals to see which is the best fit for you. Some methods are:

- **Specialized glasses with prism**
- **Patching**
- **Low vision aid (magnifier)**

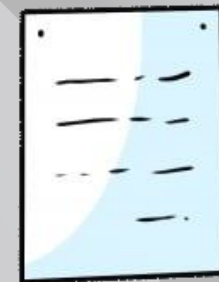


Methods in Managing

It is not entirely possible to treat the underlying problem for a brain injury patient.

However, these compensatory devices or strategies are commonly used to make up the reduced vision.

A rehabilitation professional is able to determine which methods are best for you.



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DRAG TO THE SIDE

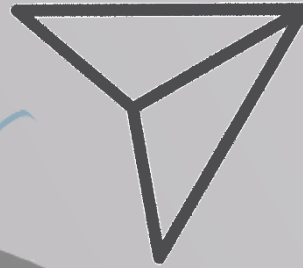
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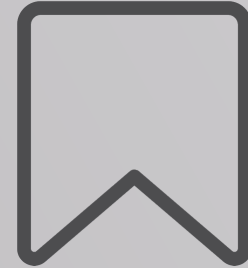
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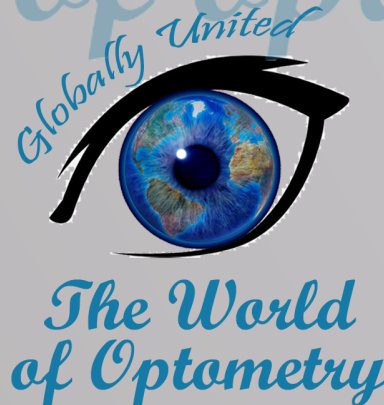


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