



Quick Facts About Double Vision

What Is Double Vision?

- Double vision (diplopia) occurs when a single object is seen as two images at the same time
- There are two types of double vision: monocular and binocular
- If the double vision is present **even with the other eye covered**, this is **monocular** double vision.
 - Monocular double vision is caused by a problem with how light passes through the eye, such as needing new glasses or having a cataract, not a problem in the brain or nerves.
- If the double vision goes away completely with **closure of either eye**, and is only present with both eyes open, this is **binocular double vision**.
 - **Binocular** double vision is always from **eye misalignment**.
 - Eye misalignment is caused by problems of the eye sockets, eye muscles, nerves that control the eye muscles, communication between the eye muscles and their nerves or may result from a problem with the brain itself.

Double Vision

How is double vision treated?

- Neuro-ophthalmologists are experienced and trained in evaluating visual symptoms and determining their cause, including double vision.
- The treatment of double vision depends on the underlying cause, but first the cause needs to be identified, if possible.
- Initially, it may be easiest to close or cover one eye, as with a patch, to eliminate one of the images.
- If there is persistent double vision, treatment options may include the addition of prism to glasses, surgery on eye muscles or, in some cases, medications.



<https://www.nanosweb.org/doublevision>