

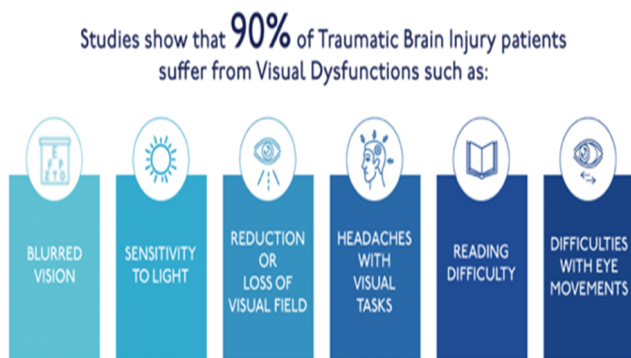
Brain Injuries and Vision

Acquired Brain Injury (ABI) or Traumatic Brain Injury (TBI) are terms used to describe damage to the brain caused by force to the head. Examples are a motor vehicle accident, a fall, or contact sports. It can be the result of a medical condition such as a stroke, tumor, aneurysm, meningitis and cerebral palsy, or other neurological defects.

A brain injury can affect a person in many ways extending from physical limitations to changes in perception and cognition. It can heavily impact a person's ability to function in their daily lives. Impairments can affect speech, hearing, balance & visual processing.

Visual Links to the brain

Following a brain injury, there is often an interruption between the eyes and the brain.



Individuals of all ages who have experienced some sort of neurological insult or injury and who are experiencing visual symptoms can benefit from a vision assessment from a Neuro-Optometric Rehabilitation Optometrist, an eye care professional who specializes in the diagnosis and treatment/rehabilitation of neurological conditions adversely affecting the visual system.

When a person has an ABI, often one type of rehabilitation is not enough to address needs. An interdisciplinary, integrated team approach can play a vital role in the rehabilitation of patients with concussions, stroke or other neurological deficits. In addition to optometrists, rehabilitation team members may include nurses, physical and occupational therapists, speech-language pathologists, physical medicine and rehab physicians, neurologists, neuropsychologists, audiologists, ophthalmologists, and others.

Over 10 million
TBI's occur annually
across the globe
57 million people
have been hospitalized
with a TBI in their life time
Estimated 1.7
million people sustain a
TBI each year
75% of TBI's are
a result from a
concussion or other
forms of **mild traumatic
brain injury (MTBI)**

References

ASSOCIATION, N.O.R.A. (2018, December). *ABOUT BRAIN INJURIES & VISION*. Retrieved from www.noravisionrehab.org/patients-caregivers/about-brain-injuries-vision.

Brampton:

Tel: 289-505-1205
Text/WhatsApp: 289-505-1205
Email: info@inspirevisioncare.ca
Address: 10 Tasker Rd
Visit Us: www.inspirevisioncare.com

Orangeville:

Tel: 519-940-8426
Text/WhatsApp: 289-505-1205
Email: reception@ovdc.ca
Address: 310 Broadway Ave
Visit Us: www.inspirevisioncare.com