

What is Brown's Syndrome?

Brown's syndrome is an eye movement disorder which can be present from birth or acquired later in life.

Patients with Brown's syndrome are **unable to look up and inwards** with the affected eye.

What causes Brown's syndrome?

The muscle involved is called the superior oblique muscle; this muscle travels through a cartilage structure to produce an upwards movement of the eye. In Brown's syndrome there is usually an abnormality with this structure causing a restriction of the ability to look upwards and inwards.

Can Brown's Syndrome improve?

Acquired and intermittent cases can often improve however Brown syndrome from birth is unlikely to spontaneously resolve.

Is Brown's Syndrome hereditary?

Hereditary cases are rare; most arise without any family history.

What problems occur with Brown's Syndrome?

Most people with Brown's syndrome have no problems. Sometimes a head posture may be used to avoid looking into the area where the eye movement is restricted as there may be some double vision. In some cases the child may develop amblyopia (reduced vision in one eye), because they ignore the image from that eye to avoid double vision. This will be treated by your orthoptist.

How is Brown's Syndrome treated?

Most people do not require any treatment for this condition however they may be followed up in the orthoptic department to ensure vision develops correctly.

If the vision is reduced in one eye the child may need some patching to help improve the vision.

In rare cases if there is a very large head posture and/or a turn in the eye when looking straight ahead, surgery may be considered.



FURTHER INFORMATION

American Association for Pediatric Ophthalmology and Strabismus website.

<http://www.aapos.org/terms/conditions/29>

Contact details

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For further assistance or to receive this information in a different format, please contact the department which created this leaflet.



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PATIENT INFORMATION

Brown's Syndrome



Orthoptic Department

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