



## Ptosis

Ptosis is when the upper eyelid droops over the eye. The eyelid may droop just a little, or so much that it covers the pupil (the black dot at the center of your eye that lets light in). Ptosis can limit or even completely block normal vision.

Children and adults can have ptosis. Fortunately, this condition can be treated to improve vision as well as appearance.



A child with ptosis, or drooping eyelid, in their right eye.

## Ptosis in children

Children born with ptosis have what is called congenital ptosis. This can be caused by problems with the muscle that lifts the eyelid (called the levator muscle).

The most obvious sign of ptosis is a drooping eyelid. Another sign is when the upper eyelid creases do not line up evenly with each other. A child with ptosis may tip their head back, lift up their chin, or raise their eyebrows to try to see better. Over time, these movements can cause head and neck problems.

Sometimes, a child born with ptosis can also have other eye-related problems. They can include eye movement issues, eye muscle disease, tumors (on the eyelid or elsewhere) and other problems.

Having ptosis puts a child at risk for vision problems. If the child's eyelid droops so much that it blocks vision, amblyopia (also called "lazy eye") can develop. One eye will have better vision than the other. A child with ptosis can also have astigmatism, where they see blurry images. The child may also develop misaligned (crossed) eyes.

Ophthalmologists consider the following factors when deciding the best way to treat ptosis in children:

- The child's age
- Whether one or both eyelids are involved
- The eyelid height
- The strength of the eyelid's muscle
- The eye's movements

In some cases, ophthalmologists recommend surgery to treat ptosis in children. This is to either tighten the levator muscle or attach the eyelid to other muscles that can help lift the eyelid. The goal is to improve vision.

If the child also has amblyopia, that condition must be treated as well. Amblyopia may be treated by wearing an eye patch or special eyeglasses, or using certain eye drops, to strengthen the weaker eye.



A child with amblyopia, or a weaker eye, may need to wear a patch.

**All children with ptosis—whether or not they have surgery—should see their ophthalmologist regularly for eye exams.**

Ask your child's ophthalmologist how often exams are needed. Because kids' eyes grow and change shape, they need to be checked for amblyopia, refractive disorders, and other eye problems.

## Ptosis in adults

Adults get ptosis (called involutional ptosis) when the levator muscle stretches or separates away from their eyelid. This can be caused by aging or an eye injury. Sometimes ptosis happens as a side effect after certain eye surgery. Rarely, diseases or tumors can affect the eyelid muscle, causing ptosis.

Your ophthalmologist will find the cause of your ptosis in order to recommend treatment. They will do a complete eye exam, and may also want you to have blood tests, X-rays, or other tests. The ophthalmologist will likely recommend surgery to help the eyelid muscle work better.



An adult with ptosis (drooping eyelid) in their right eye.

## Adult ptosis surgery

Ptosis surgery is done as an outpatient procedure in your ophthalmologist's office. A local anesthesia will be used to numb your eye and the area around it.

Sometimes, the surgeon may only need to make a small adjustment to the lid's lifting muscle. Extra skin from the eyelid also may be removed to help the eyelid lift properly. For more severe ptosis, the levator muscle may need to be strengthened and reattached to the eyelid.

Before eyelid surgery, be sure to tell your ophthalmologist about all the medicines you take. Include all prescription and over-the-counter medications, vitamins, and supplements. It is important for your eye surgeon to know if you take aspirin (or aspirin-containing drugs) or blood thinners, or if you have a bleeding problem.

As with any type of surgery, there are possible risks and complications with ptosis repair. Your ophthalmologist will discuss these with you.

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## Summary

Ptosis, or a droopy eyelid, can affect both children and adults. This condition can limit vision and affect how you look. It is very important that children with ptosis have regular eye exams with an ophthalmologist early in life. They are at risk for developing poor vision in the eye with the droopy lid.

Fortunately, children and adults with ptosis usually can have surgery to improve vision as well as cosmetic appearance.

If you have any questions about your eyes or your vision, speak with your ophthalmologist. He or she is committed to protecting your sight.

Watch a ptosis video from the American Academy of Ophthalmology's EyeSmart program at [aao.org/ptosis-link](http://aao.org/ptosis-link).

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