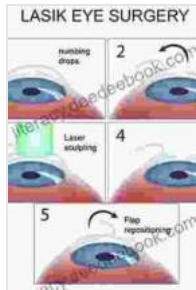


Surgical Correction of Astigmatism: A Comprehensive Guide



Surgical Correction of Astigmatism by Nick Pulford

★★★★★ 5 out of 5

Language : English
File size : 6763 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
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Astigmatism is a common vision condition that occurs when the cornea, the clear outer layer of the eye, is not perfectly round. This causes light to be focused unevenly on the retina, resulting in blurred or distorted vision. Astigmatism can be corrected with glasses, contact lenses, or surgery.

Surgical Correction of Astigmatism

Surgical correction of astigmatism is a procedure that reshapes the cornea to improve vision. There are two main types of surgical correction for astigmatism: laser-assisted in situ keratomileusis (LASIK) and photorefractive keratectomy (PRK).

LASIK

LASIK is the most common type of surgical correction for astigmatism. It is a minimally invasive procedure that uses a laser to create a thin flap in the

cornea. The flap is then lifted and the underlying corneal tissue is reshaped using a laser. The flap is then replaced and the eye is allowed to heal.

PRK

PRK is another type of surgical correction for astigmatism. It is a less invasive procedure than LASIK, but it has a longer recovery time. PRK involves removing the outer layer of the cornea and then using a laser to reshape the underlying corneal tissue. The eye is then covered with a bandage contact lens to protect it while it heals.

Recovery from Surgical Correction of Astigmatism

The recovery time from surgical correction of astigmatism varies depending on the type of procedure performed. LASIK patients typically recover within a few days, while PRK patients may take several weeks to recover. During the recovery period, patients may experience some discomfort, such as dry eyes, itching, and sensitivity to light. It is important to follow the doctor's instructions for care during the recovery period.

Outcomes of Surgical Correction of Astigmatism

Surgical correction of astigmatism is a very effective procedure. The vast majority of patients experience significant improvement in their vision. In some cases, patients may need a second procedure to achieve optimal results.

Risks of Surgical Correction of Astigmatism

As with any surgery, there are some risks associated with surgical correction of astigmatism. These risks include:

- Infection
- Bleeding
- Swelling
- Scarring
- Loss of vision

The risks of surgical correction of astigmatism are rare, but they are important to be aware of before making a decision about whether or not to have the procedure.

Who is a Good Candidate for Surgical Correction of Astigmatism?

Surgical correction of astigmatism is a good option for people who are:

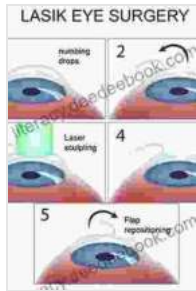
- 18 years of age or older
- Have stable vision
- Do not have any other eye conditions
- Are realistic about the results of surgery

How to Find a Qualified Surgeon

It is important to find a qualified surgeon to perform surgical correction of astigmatism. Look for a surgeon who has experience performing the procedure and who has a good reputation. You can ask your eye doctor for recommendations or you can search for surgeons in your area online.

Surgical correction of astigmatism is a safe and effective procedure that can significantly improve vision. If you are considering surgical correction of

astigmatism, it is important to talk to your doctor about the risks and benefits of the procedure to make an informed decision.



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