

# Scleral Lenses are **BIG NEWS**

Larger Lenses Offer the Crisp  
Vision of a GP Lens Combined  
with More Comfort



## My name is Sue...

***I love my new Scleral lenses! For 30 years, I've been legally blind. Now, I can see the faces of my family members... and I just got my driver's license!***



*For decades, I was unable to drive and severely limited in everyday activities. Due to my irregular cornea, I was not able to wear other forms of vision correction successfully. I began wearing Scleral lenses and just two days later I received my driving permit!*

*Instead of recognizing people by their voices, I now recognize faces and can see my grandchildren clearly for the first time ever! I would highly recommend Scleral lenses to anyone who needs them. They have made an amazing difference in my vision... and my life!*

## Caring for your Scleral lenses

With practice, these larger lenses are very easy to handle. Your Eye Care Professional will teach you to apply your Scleral lenses, using one of three methods:

**The DMV® Scleral Cup**

**The plastic Scleral ring**

**The Three Finger Tri-pod Method**

Before applying, fill the lens entirely, using the **non-preserved saline solution** recommended by your Eye Care Professional. If there is not enough solution in the lens, bubbles may be present. Bubbles will interfere with your vision and the Scleral lens should be removed and reinserted.

## Always follow care instructions given by your Eye Care Professional

- Never use tap water or saliva when inserting or cleaning your lenses.
- Never use a preserved saline as a filling solution, as the preservatives can cause irritation to the eye over time.
- Never use a multi-purpose solution (MPS) as a filling solution. A MPS is for cleaning.

Scleral lenses are so comfortable you may forget you are wearing them. However, Scleral lenses are for daily wear only and should never be worn overnight.

**View the full instructional video for applying and removing your Scleral lenses at [www.sclerallens.org](http://www.sclerallens.org).**



Learn more about  
Scleral lenses:  
[www.contactlenses.org](http://www.contactlenses.org)  
[www.allaboutvision.com](http://www.allaboutvision.com)

To reorder this brochure visit [www.GPLI.info](http://www.GPLI.info)

# What makes Scleral lenses so special? Comfort. Comfort. Comfort.

## What are Scleral Lenses?

Scleral lenses are the latest innovation in durable contact lenses. These larger lenses are created from the same breathable lens material as standard Gas Permeable (GP) lenses.

## Why are they so comfortable?

**Scleral lenses are much bigger** than standard GP lenses. Since Scleral lenses are much larger, they vault over the cornea and rest on the white portion (sclera) of the eye. This is how they get their name. Due to the larger size, the Scleral lens fits underneath the eyelid, making the lens very comfortable to wear.



A standard GP lens (left) to a Scleral lens (right).

## All contact lenses created in Gas Permeable (GP) lens material:

- Provide the ultimate in customized vision correction. Each lens is individually created to match your visual needs.
- Allow 2-4 times more oxygen to pass through to your eyes than soft contact lenses. Your eyes need oxygen to stay healthy, just like the rest of your body!
- Offer durability, scratch-resistance and long-lasting wear, providing great value.

## Scleral lenses also provide extra moisture

for healthy eyes, as well as for patients with severe dry eyes. The domed space between the cornea and the back of the Scleral lens acts as a fluid reservoir, providing moisture and increasing comfort.



Liquid Reservoir

### Larger Scleral Contact Lens

(Vaulting over the cornea)



### Standard GP Contact Lens

(Resting on the cornea)

## Scleral lenses correct astigmatism.

Astigmatism is not an eye health issue. It simply means your cornea is irregular (football-shaped), rather than perfectly round. Astigmatism is usually present from birth and, due to the irregular shape, the eye is unable to focus light properly.

Scleral lenses are an ideal solution for astigmatism because they are perfectly round and created from a firm lens material. This enables the Scleral lens to optically replace the irregular curvature of your cornea by creating a smooth, round surface for light to pass through. Scleral lenses, like all GP lenses, correct astigmatism by properly focusing light and improving your vision.

## How can Scleral lenses help me?

Since Scleral lenses provide the superior optics of a GP lens but do not rest on the cornea, they are a great option if you are facing the challenges of an irregular cornea due to:

- **Keratoconus**
- **Corneal transplant**
- **Dry Eye or other forms of corneal disease**
- **LASIK, RK or PRK**
- **Trauma-damaged corneas**

Now, patients who were never able to wear contact lenses can experience all the freedom contact lenses offer!



## Scleral lenses are also available for multifocal and bifocal wearers.

Now, you have even more Scleral lens options with a full range of vision correction available for distance, intermediate, and near vision. Your Eye Care Professional can advise you if a Scleral multifocal or bifocal lens is the best option for correcting your vision.