Lensy
A scleral lens story
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Hi! I’m Lensy and I’m a scleral lens.

I am made of special plastic that fits over the part of your eye called the cornea.

Have a seat and I’ll tell you a little about me.

My job is to help you see better and keep your eyes safe and feeling good.
My body has different sections. How many sections do you see?

These sections help the doctor match the shape of your eye. Neat, huh?

Because I am made just for you, I should feel very comfy on your eyes.

Ahhhhhh...
Follow me as we meet some of my friends.

There are lots of different reasons why someone might need a scleral lens.

My friend, Sophie Sheep, has very dry eyes that hurt and sting and are red. It is hard for her to see.
Tamara Tiger has very blurry vision and sore eyes. She cannot see across the plains.

Taylor Turtle’s eyelids are rough and scrape across their eyes. It hurts when Taylor blinks.

Connor Camel lives in the desert and can’t close his eyes. If the sand blows into his eyes, it will hurt. Ouch!
Let’s help Sophie go to the eye doctor so we can help her eyes get better.

First, the doctor checks Sophie’s eyes to learn how well she can see.

Next, the doctor puts eye drops in Sophie’s eyes. Sometimes the drops look yellow.

These drops might feel cold and a little itchy.

The doctor is ready to put scleral lenses on Sophie’s eyes. She puts different drops, called saline, in the scleral lens.
Next, Sophie looks down as the doctor brings the lens up to Sophie’s eye. Keep your eye wide open, Sophie! It might take a few tries to put the lens on.

Sophie’s eyes might not like how the lenses feel at first. Her eyes might feel a little weird.

Or tired. Or want a break. That’s okay. The doctor will fix the lenses so they feel good.

Once the lenses fit, the doctor uses a computer to make the lenses Sophie will take home.

Boop, beep, beep, beep, boop...
When her lenses are ready, Sophie goes back to the doctor to get them.

Sophie has to wait for her lenses to be made. This can take a few days or more.

Sophie practices using her new lenses and soon she can put them on easily. She is very happy! Her eyes feel good, and she can see far across the field to her friends.
Eye drops are liquid that go in your eye to make your eyes wet. Saline drops go in your scleral lens before you put the lens on your eye. Other drops, called Cleaning or Disinfecting Solution, wash your lenses to keep them clean.

Scleral lens

What Lensy is! This is what she looks like from the side. A real scleral lens is made of special clear plastic and is shaped like a tiny bowl.

Lens Applicator and Remover

Special soft tools used to put on and take off your lenses.

Drops

A Closeup of Your Eye

cornea - the clear part over the center of your eye
sclera - the white part of your eye

Your Toolkit

scleral lens

cornea
sclera
Practice with Lensy’s Friends
Color with Lensy