





## What is "K"? The flattest meridian measured by keratometry

- Fit on "K"
- Flatter than "K"
- Steeper than "K"
- How does the Lacrimal Lens Affect "K"?
- Plano tear layer
- Minus tear layer (FAP)
- Plus tear layer (SAM)



## Across Are So Important I cry sometimes. Provides a smooth corneal refractive surface.

## The Cornea

- The clear, transparent structure with a nice and shiny surface.
- Most of refraction in the eye takes place through the cornea.
- The cornea is relatively large at birth, being fully developed by the age of 2.
- · Contains no blood vessels



Layers of the Cornea Epithelium	
Bowman's Layer	
Stroma	
Descemet's Membrane	
Endothelium	

Let's Tal	k Base Curve
	ne central posterior surface of the lens essed in diopters or millimeters
	us of curvature and a diameter(OZ)
Base curve	Base curve
Diameter	Diameter

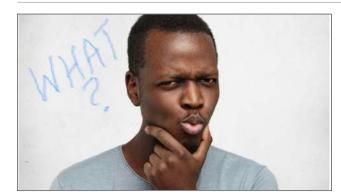
It's Two More Curves!	
SECONDARY CURVE	
PERIPHERAL CURVE	

What About the Lens Edge	
Anterior Zone	
Posterior Zone	
Edge Apex	

Lenticular Flange
<u>2 Types</u>
Myoflange
Hyperflange/CN Bevel



The 4 Main Categories	
Spherical	
Front Surface Toric	
Back Surface Toric	
Bitoric	





Modern Contact Lens Designs	

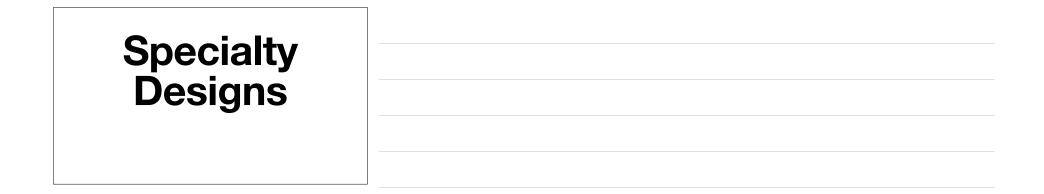


Toric	

Multifocal	

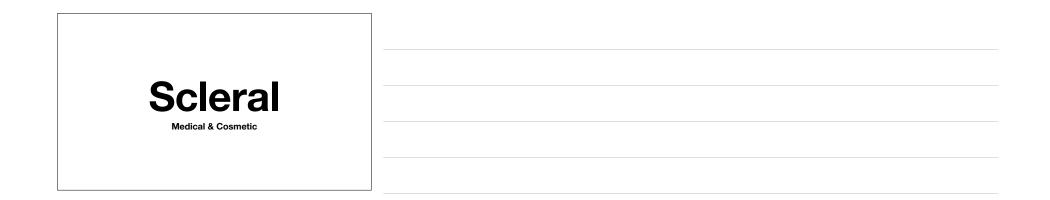








Orthokeratology	
ORTHO-K LENS	







Well, how long do I suppose to wear them? "I know I should do better but..."







Continuous	
Wear Quarterly & Yearly	



I feel like my vision is distorted	

This lens is causing too much pain!	

This lens burns as soon as I insert it.	

These lenses are itching.	

Why is my lid swollen?	



