

## Adult Vision Simulator Card Is Available











AN "ADULT VISION SIMULATOR CARD" IS available through the North Dakota Optometric Association for promotional use/distribution.

THE CARD COVERS VISION CONDITIONS such as Macular Degeneration, Diabetic Retinopathy, Glaucoma and Cataracts.


CONTACT THE NORTH DAKOTA OPTOMETRIC Association to order quantities of these cards for use. They are an excellent marketing tool!

**ND Optometric Association**  
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 E-mail: [ndoa@btinet.net](mailto:ndoa@btinet.net)  
 Website: [www.ndeyecare.info](http://www.ndeyecare.info)

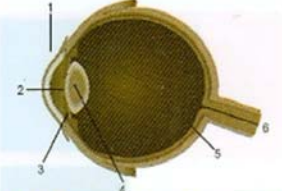
**Vision Simulator Card**

	<b>Normal Vision</b>	
	<b>Macular Degeneration</b> Loss of central vision	
	<b>Diabetic Retinopathy</b> New blood vessels grow along the retina	
	<b>Glaucoma</b> Fluid pressure increases within eye	
	<b>Cataract</b> Clouding of eye's lens	



An Optometrist is a primary eye doctor who provides eye care including diagnosis and treatment of disease.

 **ND Optometric Association**  
[www.ndeyecare.info](http://www.ndeyecare.info)  
 1-800-637-2020

**How We See**



Light first passes through the **cornea (1)**, transparent tissue that covers the eye. Light then passes through the **pupil (2)**, the black dot in the eye surrounded by the **iris (3)**. The iris gives our eyes color. It is a muscle that gets larger and smaller to let in different amounts of light. Light then reaches the **lens (4)** which changes shape to focus light on the **retina (5)**, the back part of the eye made up of tiny light sensitive structures called **rods and cones**. Rods see black and white; cones only see color. Rods provide most peripheral, or side vision. Finally, the **optic nerve (6)** sends the image to the brain where it is processed.

	
<b>Nearsighted</b> Image falls in front of retina.	<b>Farsighted</b> Image falls behind retina.

These Vision Simulator Cards were developed by the  
**Ohio Optometric Association**  
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