









E	1	20/200	Sphere/ Cylinder/ ADD	
FP	2	20/100	Use Magnification to correct Two-Dimensional Vision	
TOZ	3	20/70	All RXs with Sphere and Cylinder or	
LPED	4	20/50	ADD	
PECFD	5	20/40	Are written with a Plus or Minus sign	
EDFCZP	6	20/30		
FELOPZD	7	20/25	Main symptom is blurry vision or patien reporting "I can't see"	
DEFFOTEC	8	20/20	reporting 1 can't see	
LEFODPCT	9		Suppose is a patient series $20/20$	
	10		Success is a patient seeing 20/20	























































Fusion: the blending of two images—one from each eye—and perceiving them as one image.
First grade of fusion is the ability to superimpose two different images and perceive them as one composite image.
For example: One fovea sees a picture of a lion while the other fovea sees a picture of a cage; the brain, however, perceives the image of a lion in the cage.







Third grade of fusion is stereopsis. When the fovea of each eye is looking at the same object, each eye will see a slightly different image since the foveae are about three inches apart.



Stereopsis is achieved when the brain fuses these two images into one and the object is perceived in depth. This form of vision is three-dimensional vision (3D)

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Diplopia or double vision occurs when an image falls off one or both fovea.

Therefore, when the brain detects diplopia, it triggers for a vergence movement to achieve binocular fixation.



















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90% of patients have a greater misalignment at near than they do at distance Allows for more base in prism at near than at distance to correct for more EXO or less ESO needs

Only available from neurolens, using the neurolens measurement device 82% of patients report a decrease in painful symptoms 54% say they are significantly reduced or completely gone!

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