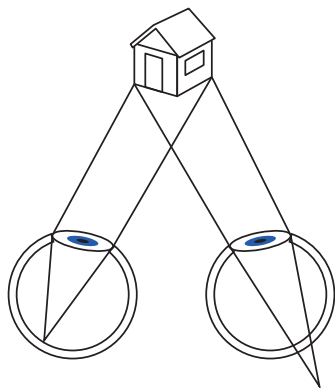


ANISOMETROPIA

A SHORT GUIDE FOR YOU
AS AN OPTOMETRIST



Anisometropia can give aniseikonia and anisophoria — a short guide for you as an optometrist

A difference between the eyes can cause two problems

- Aniseikonia – the difference in image size
- Optical anisophoria – the prismatic difference due to spectacle correction

Aniseikonia

In case of more than two diopters difference, aniseikonia compensation should be considered. These are three ways to determine when and how you should compensate for differences in image size:

1. Ask for aniseikonia grinding

- Multilens calculates and minimizes the difference in spectacle enlargement.
- You get a suggestion for appropriate compensation based on what the refraction gives in enlargement or minification, and what is technically possible.
- In some cases, grinding does not neutralize all aniseikonia, but in most cases, you will get a satisfying result.

2. Assessment with ML Grand trial lenses

- If possible, evaluate the image size difference with aniseikonia tests.
- Try with ML Grand lenses, for example, 3% or 6% on the eye with lowest plus or highest minus (1D difference equals about 1% in ML Grand lenses).
- Order the required compensation.

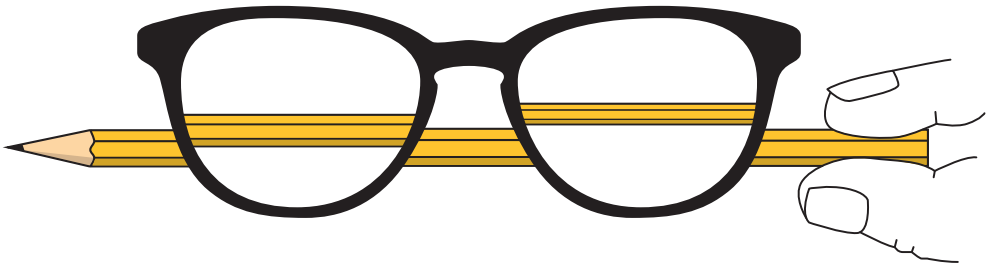


3. Use an aniseikonia test

- Get compensation values from tests such as Awaya or Aniseikonia Inspector.

Optical anisophoria

Be aware of the prismatic effects in the spectacles when having anisometropia. Perform a simple "pen test" to reveal the anisophoria vertically.



- Short corridors in progressive spectacles – smaller prismatic difference
- The most common is that slab-off is needed in case of double image in the 'near part' of multifocal eyeglasses



Multilens offers warranty exchange for these corrections, so you might want to try the least complicated solution first.

The most common is aniseikonia compensation without slab-off.

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