

# ANISEIKONIA OVERVIEW

- ✓ Shaw does not design “lens choices” but rather medical designs to address binocular issues only Optometrists can identify
- ✓ Aniseikonia should never occur
- ✓ 99% of Aniseikonia is optical, that is, caused by spectacle lens wear
- ✓ The leading cause of Aniseikonia is enough Anisometropia to cause a disruption in the binocular system while wearing spectacle lenses. How much Anisometropia is symptomatic or significant can only be determined by the attending Optometrist
- ✓ When Aniseikonia occurs, it is because the proper design was not dispensed, that is, one that does not address image size difference in the visual cortex, thereby preventing fusion and encouraging alternating suppression or diplopia
- ✓ Shaw USA patented spectacle lens design provides both best corrected in each eye and equal image size in each eye in all directions of gaze
- ✓ Until the Shaw design the ‘Go To’ treatments of Aniseikonia were contact lenses (treatment of choice), vision therapy, surgery, etc (one treatment is also “no treatment”)
- ✓ The Shaw design assimilates contact lens design, that is, isekonic and isophoric managing index, base curve and centre thickness to provide equal image size and not just in the central part of the lenses but as the eyes move off center ‘together’ both laterally and vertically
- ✓ Optometrists worldwide have now written approaching 30,000 Shaw design patient prescriptions. 25% of these Rx’s were for patients with 0.50D or less of Anisometropia and 66% with 2.0D or less
- ✓ Optometrists worldwide have now treated approaching 10,000 amblyopes with fulltime wear of the Shaw design without assistance from patching, therapy, etc
- ✓ Treatment of epi-retinal membrane and other maculopathies is also made possible with the Shaw design
- ✓ Optometrists are no longer required to work-up the proper lens design longhand, no more mathematics, just identify a binocular issue and write a prescription just as you would for a therapeutic drug

...EASY AND MINIMAL CHAIR TIME