

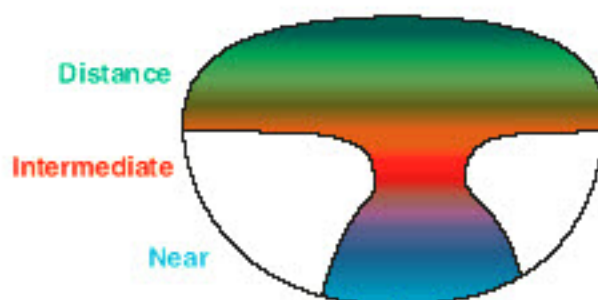
PROGRESSIVE LENSES

A smarter way to see at all distances

Progressive lenses make it possible to see objects clearly whether they are far away, at a medium distance or close up, with the same pair of spectacles. This is done by blending varying lens powers so that the wearer can look through different sections of the lens, depending on the type of vision required.

The distance section is used when the wearer looks straight ahead, the close-up section for tasks such as reading is at the bottom, and the intermediate vision area is somewhere in between and is suited to actions about an arm's length away such as using a computer or mobile phone.

Unlike bifocal and trifocal lenses that have lines through them, progressive lenses have no visible dividing lines to indicate that the lens prescription has different levels of vision correction. The spectacles appear to have clear, unlined lenses but they are actually constructed



with a number of curves through which the progression from one area of focus to the next is achieved. The progression is gradual, meaning that the progressive lenses enable the person wearing the spectacles to adjust focus smoothly from one area of vision to the next.

The ease of seeing through progressive lenses has a lot to do with looking directly at the object on which you want to focus. For best results your nose needs to point at the object you want to see.

This keeps your spectacles and your progressive lenses centred on the object and

maximises your ability to focus.

Your near and intermediate prescriptions form a vertical corridor in the middle, lower portion of each lens. Progressive lenses are cleverly designed and fitted by your optometrist to ensure the right part of your prescription is positioned in the right place for your various vision needs.

Your optometrist can design progressive lenses to meet your preference for near vision or distance vision. The lenses can also be photochromic, so that they darken in sunlight, or made for prescription sunglasses.