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Better Vision for Seniors

Most people over 40 need a pair of glasses. Progressive lenses can restore them to 20/20 vision.

[Vision over 40 \(presbyopia\)](#)

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[What are bifocal and trifocal lenses?](#)

All of a sudden, you might have trouble threading a needle or you may have to hold your newspaper far away from your face to read it. These are the first signs of advanced age-related vision problems. It is a normal process and no cause for concern. After all, good glasses and [> progressive lenses](#) are now available to ensure that you can still enjoy eagle-eye vision.

It usually begins somewhere between the age of 40 and 50: The lens and the ring muscle inside [> your eyes](#) loses elasticity. Your eyes are no longer able to adjust automatically and zoom in on different distances, a process enabled by what experts call accommodation, which makes the lens of the eye bend to adjust to the distances.

However, if this process does not work as nature intended, this causes problems with close-up vision. If the lens maintains a flat shape when looking at objects that are nearby, its refractory force is significantly impaired. Consequently, light beams that penetrate the eye from a short distance are bundled behind the retina and deliver a blurred image.

Far-sighted people may encounter this problem much sooner. Hyperopic people have excellent long range vision, but have problems seeing things that are close-up. The reason: The eyeball is too short and the incoming rays of light are not accurately depicted on the retina.

Vision over 40 (presbyopia)





glasses than they do with them. Taking your glasses on and off constantly, though, can be quite annoying. Consequently, the best solution – regardless of whether you had normal vision before, or were already near- or far-sighted - is a pair of customized glasses.

Those who had normal vision before will initially need only reading glasses. However, age-driven vision problems do amplify as the years progress. Many will soon need something to correct their medium-range vision as well.

In such cases, glasses with progressive lenses are the perfect solution, as they accommodate the zones for different vision distances infinitely – without a separating ocular edge and with infinite transitions.

The number one benefit of progressive lenses is that the eye can jump from one image to the next and zoom in sharply, regardless of whether an object is off in the distance or nearby.

Visual solutions for the workplace after 40



Today, special office glasses with expanded visual zones for medium range and close-up distances are available for users who spend a lot of time working on computers. This special progressive addition lens is optimally aligned with the distance between user and screen. The quality level of the lenses is of particular importance for progressive glasses. If they do not meet high quality standards, getting used to these glasses can be extremely difficult.

What are bifocal and trifocal lenses?



Bifocal and trifocal lenses are the predecessors of progressive lenses. They are the ideal solution for those who do not like progressive lenses or have trouble using them. Some people still prefer them; however, these types of lenses require compromises, since the join in lens creates an image leap and these types of glasses cannot cover all vision ranges.

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Better Vision for Seniors

Most people over 40 need a pair of glasses. Progressive lenses can restore them to 20/20 vision.



No face is perfectly symmetrical, and no two people's eyes are the same distance apart

Only after the glasses frames have been precisely adjusted to the individual wearer can the lenses perform to their

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