



Easy on the eyes

Early detection and treatment are the key to saving sight

There is so much more that an optometrist can learn from an eye examination than the prescription for your new glasses or contact lenses. Armed with the most advanced technology, the optometrist will be able to look for the very earliest signs of disease – especially important if you have a family history of glaucoma, age-related macular degeneration or diabetes.

The most advanced eye check

With the Heidelberg Engineering SPECTRALIS 4D technology, your eye health check becomes so much more than a standard sight test.

Using high-tech scanning, it can help your optometrist to identify the earliest signs of retinal disease – perhaps long before you are even aware of any symptoms. Measuring changes in the eye to 1/1000th millimetre by a light beam scan, you feel no discomfort and it is over in seconds; straightforward and simple.

Christopher Mody, director of clinical services, says 'It is easy to forget about your eye health when you have good vision, and you may be unaware of the onset of disease before symptoms appear. With SPECTRALIS 4D technology, your optometrist is able to detect changes perhaps long before you are aware of them, giving you a head-start on treating the condition for the most successful outcome.'

'The SPECTRALIS technology has recently been selected by NASA to monitor the vision of astronauts in space, and this close scrutiny of vision is now available on the high street.'

'The three dimensional images, taken in a matter of seconds and without any pain or sensation, provide an insight into what is happening to the retina and anterior of the eye. The fourth dimension is the ability to scan in exactly the same location in the eye at every follow up visit.'

'Your optometrist will keep a record of the scans taken, and will be able to detect the smallest changes that might occur from one year to the next. This is very valuable information, as these changes are often the first signs of disease,' added Christopher.

Picking up disease early

'Good vision is something that we can all take for granted, but it can lull us into a false sense of security as ocular health is about so much more than being able to read the number plate for the driving test,' says Christopher.

The SPECTRALIS 4D HD Eye Health Check can help your optometrist identify the very first signs of eye disease – perhaps long before you are aware of changes to vision. Once you are aware of changes to your vision, irreversible damage may have occurred – this is why early monitoring is advised by optometrists.

EYE CONDITIONS

GLAUCOMA

Half of all glaucoma patients are not aware that they have the condition – a hereditary disease often referred to as 'the thief of sight'. If you have a family history of this condition, it is especially important to have regular checks as damage to the eye is irreversible. Until the disease has reached an advanced stage, the brain can compensate for blind spots within the vision, by filling in the gaps. This can mask the condition for some time, so regular screening is vital.

AGE-RELATED MACULAR DEGENERATION

Age-related macular degeneration (AMD) is the cause of one in two cases of serious sight loss, robbing the person of their central vision. Once this happens, simple activities like driving, watching TV and recognising faces can become very difficult.

DIABETIC RETINOPATHY

With half of patients being unaware that they have diabetes, the resulting loss of vision caused by the disease is a serious concern to health care professionals. With early detection and treatment of diabetic retinopathy, the chances of sight loss can be reduced for nine out of 10 patients.

CATARACT

It is estimated that by the age of 60 half of the population will have some degree of cataract. A cataract can make it difficult for your healthcare provider to assess your retina for any other signs of disease using traditional fundus photography, so you may only become aware of any other problems in your eye once the cataract has been removed. Fortunately, SPECTRALIS has the ability to scan for tiny changes in the eye through cataracts.

Source: Royal National Institute of Blind People

FOR MORE INFORMATION
 Call **01442 502330** or visit
www.heidelbergengineering.co.uk

SPECTRALIS
4D HD
 Eye Health Check

Can you spot the difference?



SPECTRALIS
4D HD
 EYE HEALTH CHECK

We can.

Left untreated, glaucoma can cause blindness, but 50% of patients are unaware they have the disease

We can see the smallest change ... and that changes everything

Protect your Future Book your 4D HD Eye Health Check Today