



Press Release

When it comes to UV protection consumers usually don't think of clear lenses

Consumers believe that UV protection for the eyes is essential. They immediately reach for their sunglasses but aren't aware that clear lenses can – and should – also protect their eyes.

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Be it in the summer, on vacation, at the beach or on the slopes, a good pair of sunglasses will protect our eyes against glare and ultraviolet radiation. A recent study by ZEISS shows that UV protection in general is very important to consumers – for instance by applying sun cream and wearing suitable clothing. 95% of those surveyed went on to say that UV protection is particularly important when it comes to their eyes.

Most people think about sunglasses when they think of UV protection. 80% of respondents didn't know that wearing clear lenses can also protect their eyes against harmful UV rays. At the same time, the majority (97%) believe it is an advantage that clear lenses can protect the eyes just as well as sunglasses do.

UV protection is provided by clear lenses, too

Since early 2018, all clear plastic lenses from ZEISS have featured UVProtect technology, which ensures that clear, everyday lenses can protect our eyes against UV radiation just as well as a pair of top-quality sunglasses. These lenses cover a wavelength of up to 400 nm, which corresponds to the definition of UV radiation by the strict Australian standard.

After three weeks of wearing ZEISS lenses with UVProtect, 97% of respondents said they would recommend the new technology to their friends and family. What's new about this innovation? ZEISS has achieved full UV protection for all clear plastic lenses without noticeably compromising transparency. 97% of the surveyed eyeglass wearers are satisfied with the clarity afforded by ZEISS UVProtect lenses.

Something simple for health

It is common knowledge that UV radiation can damage the eyes and the skin around them in the long run. Comprehensive protection against high-energy radiation is a key concern: 95% of respondents prefer clear lenses that fully protect against UV radiation. What's the benefit? They protect our eyes without us having to think about it. A balanced diet and plenty of exercise are



important for staying healthy but they require preparation, and that takes time. ZEISS UVProtect, however, helps improve our eye health.

This is particularly important as we need to protect our eyes against UV radiation when we're not wearing sunglasses, for instance in the shade or on cloudy days. After all, during the day UV radiation can be found wherever there is natural, visible light, so it's an unavoidable risk.

The survey: Between November 2017 and May 2018 ZEISS conducted a survey among eyeglass wearers who purchased ZEISS UVProtect lenses. They were asked to complete a questionnaire at the ECP's, and again online after wearing the lenses with ZEISS UVProtect technology for three weeks. The respondents came from the US (anamnesis n = 56, final feedback n = 50), China (anamnesis and final feedback n = 100) and the DACH region (anamnesis n = 178, final feedback n = 139). The questionnaire was on UV protection and satisfaction with their lenses. 334 persons completed the anamneses questionnaire and 289 people gave their feedback after wearing the lenses for three weeks.

UVProtect is a registered trademark of Carl Zeiss Vision GmbH.

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About ZEISS

ZEISS is an internationally leading technology enterprise operating in the fields of optics and optoelectronics. The ZEISS Group develops, produces and distributes measuring technology, microscopes, medical technology, eyeglass lenses, camera and cinema lenses, binoculars and semiconductor manufacturing equipment. With its solutions, the company constantly advances the world of optics and helps shape technological progress. ZEISS is divided up into the four segments Research & Quality Technology, Medical Technology, Vision Care/Consumer Products and Semiconductor Manufacturing Technology. The ZEISS Group is represented in more than 40 countries and has over 50 sales and service locations, more than 30 manufacturing sites and about 25 research and development centers around the globe.

In fiscal year 2016/17 the company generated revenue approximating €5.3 billion with over 27,000 employees. Founded in 1846 in Jena, the company is headquartered in Oberkochen, Germany. Carl Zeiss AG is the strategic management holding company that manages the ZEISS Group. The company is wholly owned by the Carl Zeiss Stiftung (Carl Zeiss Foundation).

Further information is available at www.zeiss.com

Vision Care

The Vision Care business group is one of the world's leading manufacturers of eyeglass lenses and ophthalmic instruments. The business group develops and produces offerings for the entire eyeglass value chain that are distributed globally under the ZEISS brand. The business group is allocated to the Vision Care/ Consumer Products segment. In fiscal year 2016/17 the segment generated revenue of €1.1 billion with around 9,770 employees.