

Putting sunscreen around your eyes? Opt for a pair of glasses instead!

ZEISS UVProtect ensures optimum UV protection for your eyes and the surrounding skin

For years, consumers have heard that, while on the beach, out in nature or on vacation, they should put sunscreen on their skin to protect it from the sun. In particular, a person's face is constantly exposed to sunlight. A study published by the University of Liverpool¹ explored how people apply sunscreen to their face. The researchers employed a special UV camera. A special filter and illumination make the areas where sunscreen was applied appear black. Looking at the photos, you see that the area around the eyes often remains bright. This means not enough sunscreen was applied, exposing the skin to dangerous sunlight if the person does not also wear a pair of glasses with UV protection.

[Press Kit ZEISS UVProtect](#)

Press contact

Maria Conrad

International PR

Phone +49 7361 591 1378

[✉ maria.conrad@zeiss.com](mailto:maria.conrad@zeiss.com)

Aalen, Germany | 15 February 2019 | ZEISS Vision Care

Put sunscreen on your eyelids? Not likely

The skin on a person's face and neck is particularly prone to skin cancer because it is frequently exposed to UV radiation. Around five to ten percent of all skin cancer cases occur on the eyelid². Hence protecting this area makes sense. This requires either applying sunscreen to the eyelids or wearing glasses that protect against UV radiation. The advantage of sunglasses is that they protect not only the skin around the eye, but also the eye itself – assuming the lenses filter out dangerous radiation.

For anyone with a visual impairment who does not wish to apply sunscreen to their eyelids, an attractive alternative is available: they can opt for clear eyeglass lenses with full UV protection. These lenses can also be worn even when the weather does not call for sunglasses. Solar UV radiation is omnipresent during the day – even when it's cloudy or in the shade. With ZEISS UVProtect, ZEISS provides a technology that enables UV protection up to 400 nm and comes standard in all clear plastic ZEISS eyeglass lenses. These lenses not only protect the tissue around the eye from UV radiation just as well as sunglasses, but also the eye itself.

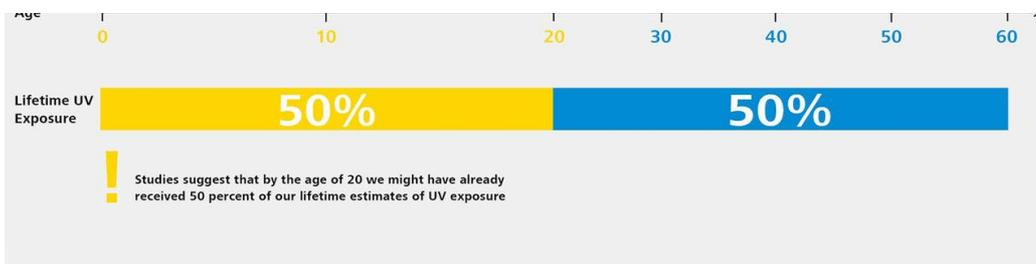
The two sides to sunlight

While sunlight can be harmful, it also provides the body with vitamin D. Spending just a short time in the sunlight covers the daily requirement³. And many people have experienced firsthand how sunlight can boost a person's mood, especially after a long, dark winter. However, UV radiation in too high a dose or over an excessively long period of time can potentially damage the skin and, sooner or later, a person's eyes can suffer from the energy-rich radiation emitted by the sun. This includes illnesses like photokeratitis (sunburn on the cornea or conjunctiva) and pterygium (growth on the cornea). In addition, it increases a person's risk of developing a cataract when they're older.

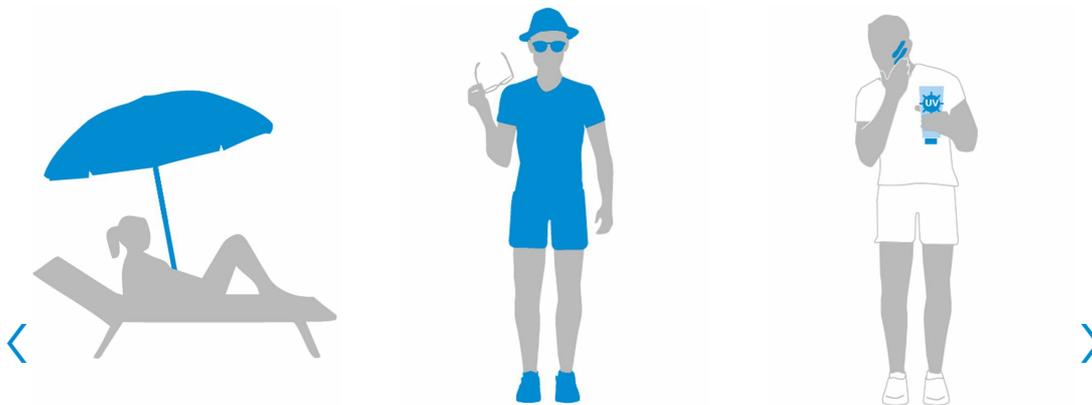
Children – Spending a lot of time outside...and in the sun

Children especially are frequently exposed to dangerous UV radiation because they are outside more frequently. Studies suggest that by the age of 20 we might have already received 50 percent of our lifetime estimates of UV exposure⁴.





Thus it follows that children in particular need to be protected. When it comes to protecting young eyes, it's important to understand that a child's crystalline lens lets through far more UV radiation than that of an adult. So here are some tips for ensuring a healthy amount of time in the sun, for adults and for children:



Reduce your own level of UV exposure, i.e. how much UV radiation you're exposed to! But don't forget: even in the shade or on a cloudy day, UV rays still reach us.

Wear suitable clothing, a pair of sunglasses or clear eyeglass lenses with UV protection, and put on a hat in strong sunlight!

Don't forget sunscreen!



Opportunities for eye care professionals

A consumer survey⁵ from ZEISS suggests that eye care professionals in particular can raise the issue of UV protection for their patients throughout the year. 91 percent of those surveyed reported that UV protection is generally important for them. 96 percent even think it is important to protect their eyes. However, 80 percent didn't know that clear lenses can also protect their eyes against dangerous radiation throughout the year. This means that there is potential for customer education. After all, 97 percent of consumers report that they would consider it beneficial if their clear lenses provided protection against UV radiation – just like their tinted lenses.

*UVProtect is a registered trademark of Carl Zeiss Vision GmbH.

Download & Share

 [Press Release](#)

4 pages, 158 kB

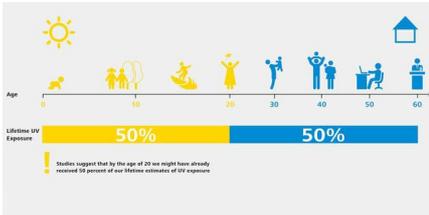


About ZEISS

ZEISS is an internationally leading technology enterprise operating in the fields of optics and optoelectronics. In the previous fiscal year, the ZEISS Group generated annual revenue totaling more than 5.8 billion euros in its four segments Industrial Quality & Research, Medical Technology, Consumer Markets and Semiconductor

[+ More information about ZEISS](#)

Press Photos



[> Download Press Photo](#)



[> Download Icon Overview](#)



Further Articles



A Comparison of UV Protection in Clear Eyeglass Lenses

Study shows that UV absorbers in the lens material, such as with ZEISS UVProtect, have the greatest impact

Press Release about UV protection

Apr 3, 2019

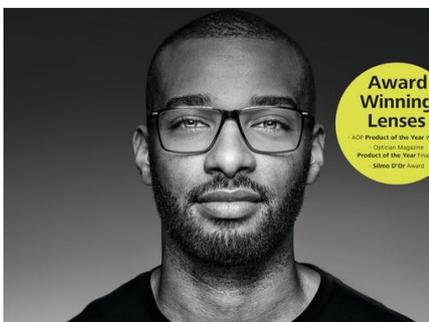


Protection against Harmful UV Radiation for the Eyes

Background Article by ZEISS Expert Dr. Christian Lappe

Technical Article

Feb 18, 2019



ZEISS UVProtect Technology shortlisted for Optician 'Lens Product of the Year' Award

An Award for products that have made an impact during the past year.

Press Release about Award

Feb 13, 2019



ZEISS UVProtect Technology wins AOP Product of the Year Award

This year's awards attracted over 20,000 votes from both optical professionals and patients.

Press Release about Award

Jan 14, 2019

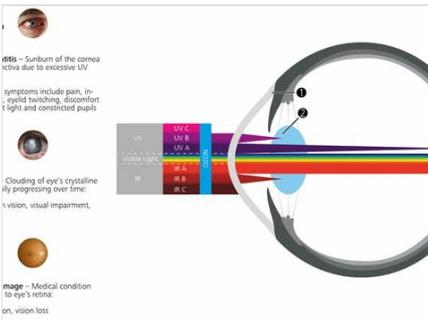


UV Protection: All Day, Every Day

All you need to know about UV radiation and the ZEISS UVProtect technology

Fact Sheet

Jul 7, 2018



ZEISS Eyeglass Lenses Available with Full UV Protection Beginning in 2018

In the future, clear organic ZEISS lenses will offer full UV protection: ZEISS UVProtect also covers the range between 380 and 400 nanometers.

Press Release about Product Launch

Jun 30, 2018



The Underestimated Risk of UV Scattered Radiation

Swiss scientists from the University of Lausanne suggested that such measures simply aren't enough to counteract the ...

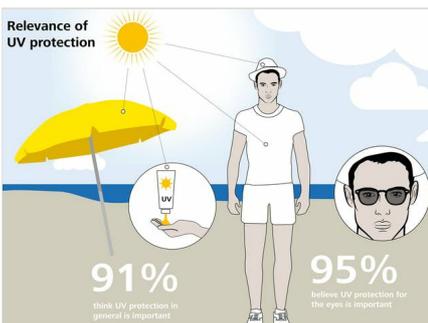
Jun 29, 2018



A dermatologist tells us why UV protection keeps us looking good for longer

Smile lines are endearing, but as soon as we hit our mid-20s these wrinkles are clearer to see, even when we have not...

Jun 26, 2018



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

Most people only think about sunglasses when they think of UV protection

Market Research Report

Jun 15, 2018

