

Soft and rigid gas permeable  
contact lenses

appenzeller  
kontaktlinsen®  
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# *pro*ASSIST

Intelligent lenses  
instead of thick glasses.



Professional support  
for progressive myopia



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# Intelligent lenses.



# Instead of thick glasses.

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Is your child's eyesight getting worse?  
**Unfortunately, they are not alone.**

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Progressive myopia, increasing short-sightedness, is the most common sight defect in the world. According to a study, half the world's population will be short-sighted by 2050.

## **Severe consequences!**

Greater myopia results in problems in everyday life. It is a considerable risk factor for later pathological diseases and visual impairments.

## **How about slowing down the process?**

Do not simply accept that your child needs stronger glasses every year! Your child will always stay short-sighted, but the process can be slowed down.

## **Positive results:**

- Worldwide studies and work show positive results with various therapeutic options.
  - The goal is to slow the progression of short-sightedness by 50%.
  - Appenzeller Kontaktlinsen is doing everything it can to achieve this goal.
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# Solution 1:

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## Ortho-K lenses

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Your child wears the dimensionally stable Ortho-K lenses from Appenzeller Kontaktlinsen during the night. These lenses ensure that the radii of the cornea are shaped in a targeted manner – thus reducing or correcting short-sightedness. And all this while your child is sleeping. Orthokeratology is a worldwide successfully deployed option, which slows down the progress of myopia. It does have certain limitations, however, as it is not suitable for all corrections and cornea conditions. Slowing of the myopia progression regarding the type of correction (Myopia Pro le Pty Ltd., 2017):

<b>Correction</b>	<b>slowdown</b>
normal glasses and contact lenses	0-5%
progressive / bifocal glasses	12-55%
Myovision (special glasses)	0-30%
multi-focal, soft contact lenses	29-45%
orthokeratology	32-100%
Atropine	30-77%



## Solution 2:

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### proASSIST lens

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You don't want your child to wear contact lenses during the night? proASSIST is the solution. proASSIST-Design custom daily-wear contact lenses are available as both soft and rigid lenses.

#### **There are three reasons for this**

- Progressive myopia is a condition in which the axial length of the eye increases. proASSIST helps to curb this length growth.
- Moreover, the proASSIST-Design contact lenses achieve the same visual effects as Ortho-K lenses.
- We therefore recommend them for optimal results for those suffering from progressive myopia.

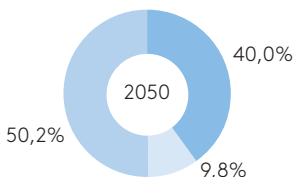
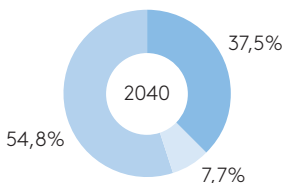
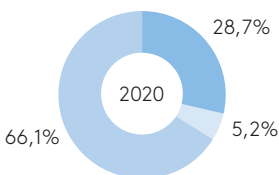
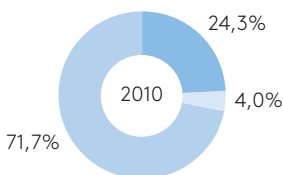
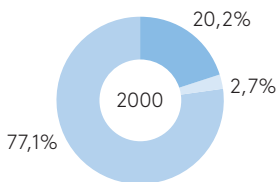
No more glasses,  
no more  
short-sightedness





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## Estimated increase in myopia: 2000–2050:



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### Europe: 47.2% myopic at the age of 25–30

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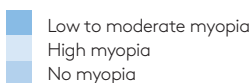
If the proportion of the myopic population in Europe in 2008 was still about 20% to 30%, today already 47.2% of the population aged 25 to 30 are myopic (Williams et al., 2015). This increase in myopia is the result of an increase in the length of the eye during adolescence. In global terms, approx. 33% of the world's population are already myopic. According to the latest studies (Holden BA, 2016), this proportion could rise drastically by 2050.

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### All Information for parents about myopia

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[www.myopiacare.org](http://www.myopiacare.org)



Source: Holden BA, 2016

## Professional support for progressive myopia:

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### Why contact lenses?

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So you can see better. No – to let you see perfectly. Not just clearly, but also without any restrictions. Some glasses may make you look good, but no pair of glasses is as good as contact lenses. Why is that? Contact lenses give you freedom – total freedom. Because there is no frame, earpiece or lens limiting your field of vision. And contact lenses can be worn at work and during sport and recreation. Without restriction.

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### Why custom contact lenses?

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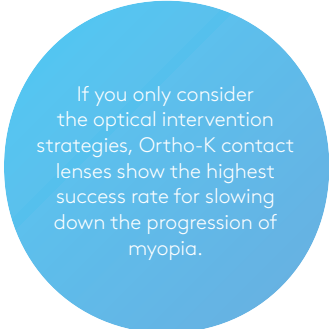
With contact lenses, units of measurement imperceptible to the naked eye are of crucial importance. Another major difference: When using daily and monthly contact lenses, the eye has to adapt to the lens. With custom lenses it is the other way round: These are adapted to your eyes.

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### Why custom contact lenses from the optician or ophthalmologist?

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For good reasons: Your optician or ophthalmologist is specialised in contact lenses. They have completed the necessary further/professional training. Consequently, these professionals know precisely what kind of contact lenses are right for you and your eyes. They also have the experience and patience to tailor them exactly to your eyes.



If you only consider the optical intervention strategies, Ortho-K contact lenses show the highest success rate for slowing down the progression of myopia.



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More information:  
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permeable contact lenses

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