

KidsPro

Myopia Control lenses

by swisscoat

In Chinese societies, primary and secondary schoolchildren perform large amounts of reading and homework and thus spend long periods performing near work during their growth years. Progressive lenses, which can permit a focused retinal image at distance, intermediate, and near without accommodation, may slow the development of myopia. Byprescribing SWISSCOAT Myopia Control Progressive lens significantly be able to retard the progression of the myopia.



SWISSCOAT KidsPro is the most advanced Myopia Control lenses that can slow the rate of Myopia progression for your child. It is specially design for the active 8 to 16 years old children.

SWISSCOAT KidsPro Myopia Control lens need to be prescribed by professional optometrists and to have always at least every 6 months check up and monitor by your optometrists in order to achieve the best result in the control of the shortsightedness.

SWISSCOAT KidsPro has all these benefits to the children who choose to wear Myopia Control lenses:

1. A shorter corridor
2. A wider reading zone
3. A wider far vision zone
4. A softer design compared to a conventional progressive lens. Eye-point Technology ensures the softest lens design for every vision zone

With KidsPro you can fit into any small children frame, the minimum fitting height is 17mm. The short corridor enables an easy transition between the far vision zone and the reading zone for the children. Aspheric in all its vision zones, KidsPro is the thinnest and lightest possible lens to wear.

Available in 1.498, 1.61 and safewear material form addition +0.75 +2.00.
Prescription range form -15.00D to +8.50D sphere to a 6.00 cylinder



Frame Fitting

1. Before taking any measurements make sure the child is sitting straight, without any back support
2. Adjust the frame to correctly fit the child
3. Ensure a pantoscopic tilt of 9 to 12 degree
4. Minimize the vertex distance by fitting the frame as close to the face as possible. This will ensure a wide field of vision at all ranges



Frame Fitting



Pupil Distance Measurement

Pupil Distance Measurement

1. When using a pupilometer for measuring pupil distance, verify the result through a manual test
2. If a pupilometer is not available
 - a. Position yourself at the child's eye level
 - b. Mark the pupil center on the demo lens in the frame
 - c. Place the demo lens on the centration chart and read the monocular PD

Fitting Height Measurement

Be aware that the fitting height can differ from eye to eye

1. Position yourself at the child's eye level
2. Mark the pupil center on the demo lens in the frame
3. We recommend a minimum fitting height of 17mm

Cut-Out confirmation

1. Check both the right and left eyes
2. Align the pupil center marking over the cross in the centration chart
3. Make sure the frame shape falls within the selected lens diameter



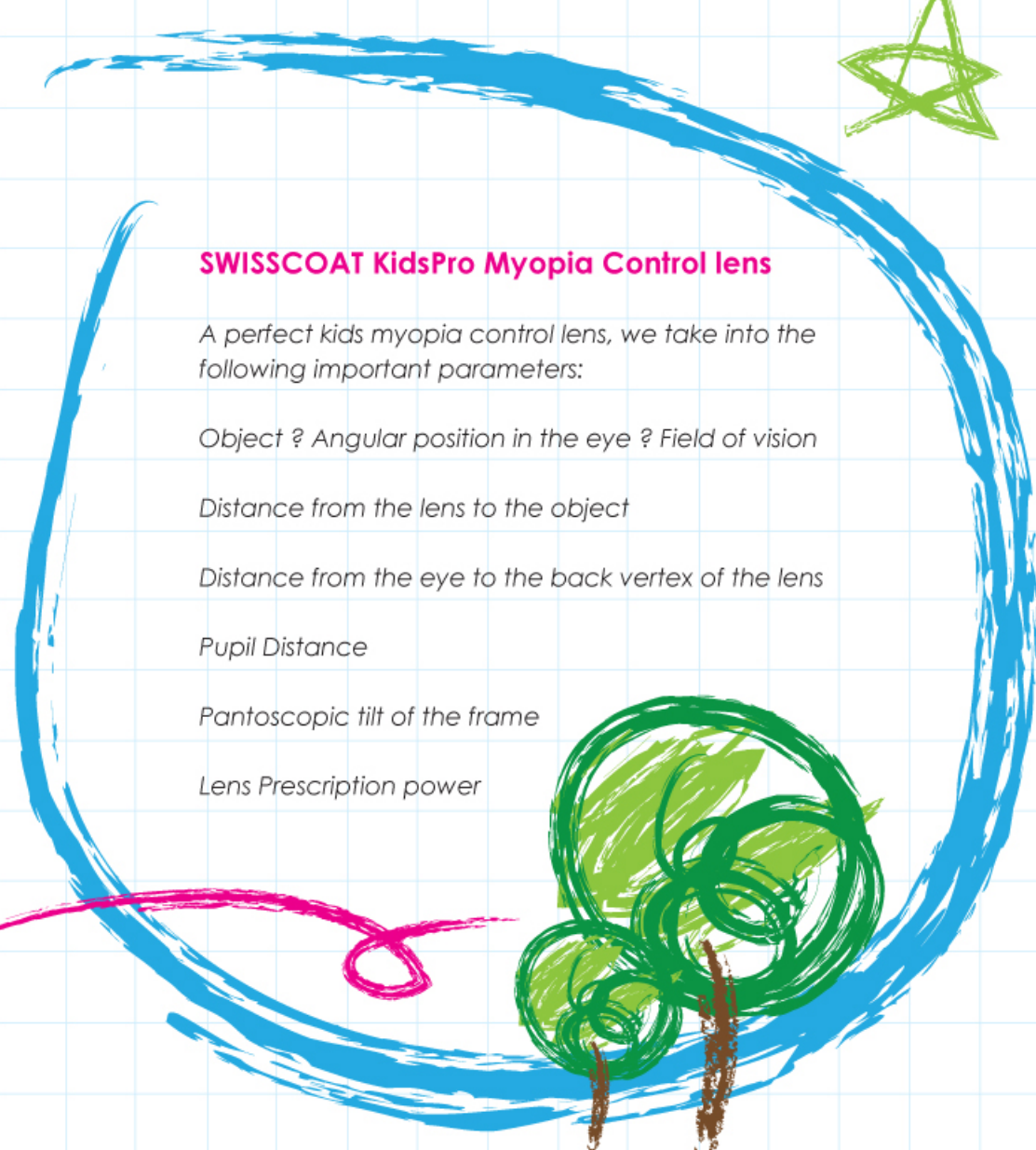
Height Measurement
Fitting & Cut-Out confirmation

Lens Verification

1. If lenses are not made, restore the marking with the KidsPro sticker marker
2. Fit the frame with the glossed lenses on the patient and verify that the fitting cross is aligned with the pupil center



Lens Verification



SWISSCOAT KidsPro Myopia Control lens

A perfect kids myopia control lens, we take into the following important parameters:

Object ? Angular position in the eye ? Field of vision

Distance from the lens to the object

Distance from the eye to the back vertex of the lens

Pupil Distance

Pantoscopic tilt of the frame

Lens Prescription power

Centration Chart

