

? WHAT IS INVOLVED DURING THE VISION SCREENING?

Refraction measurement (how the light bends as it passes through the eye) is an important part of vision screening. This helps determine whether the eyes are developing age appropriately – especially in infants.

! SEEING NEEDS TO BE LEARNED!

The eyes are the body's most important sensory organ because we receive 80% of all information through them. It's interesting newborns have to learn to see just as much as to walk and speak. Every day parents witness progress as their baby learns to move or speak their first words but how and what the child sees remains unknown.

Two healthy eyes are of critical importance to a child's well-being and development. A vision disorder compromises social and scholastic achievements, can be dangerous in traffic and restrict occupational choices later in life.

? HOW DO CHILDREN LEARN TO SEE?

Seeing consists of two processes, acquisition through the eyes and image processing in the brain. Newborns must practice the interplay of the eyes and brain so the optic nerve, neural connections between the eyes, visual cortex and eye-motors system required for sight can develop.

The first years are the most important for this connection to allow for healthy binocular vision. If vision disorders go undetected during this learning period, the damage can be irreversible. If the eyes and brain are not trained correctly the child will never achieve his or her full visual faculty. This visual impairment is known as amblyopia (lazy eye).

? IS VISION SCREENING COVERED BY MY MEDICAL AID?

The costs of the eye care examination at the pediatrician (also called "vision screening") are taken over by some health insurance companies. If your health insurance company does not pay for the screening, you can apply for a reimbursement from your health insurance company with the doctor's invoice for this service.

All examination and treatment costs incurred when your child is referred to an ophthalmologist are covered by your health insurance.

? WHAT CAN I DO?

Talk to your doctor. He will provide individual advice and will conduct a vision screening in your child.

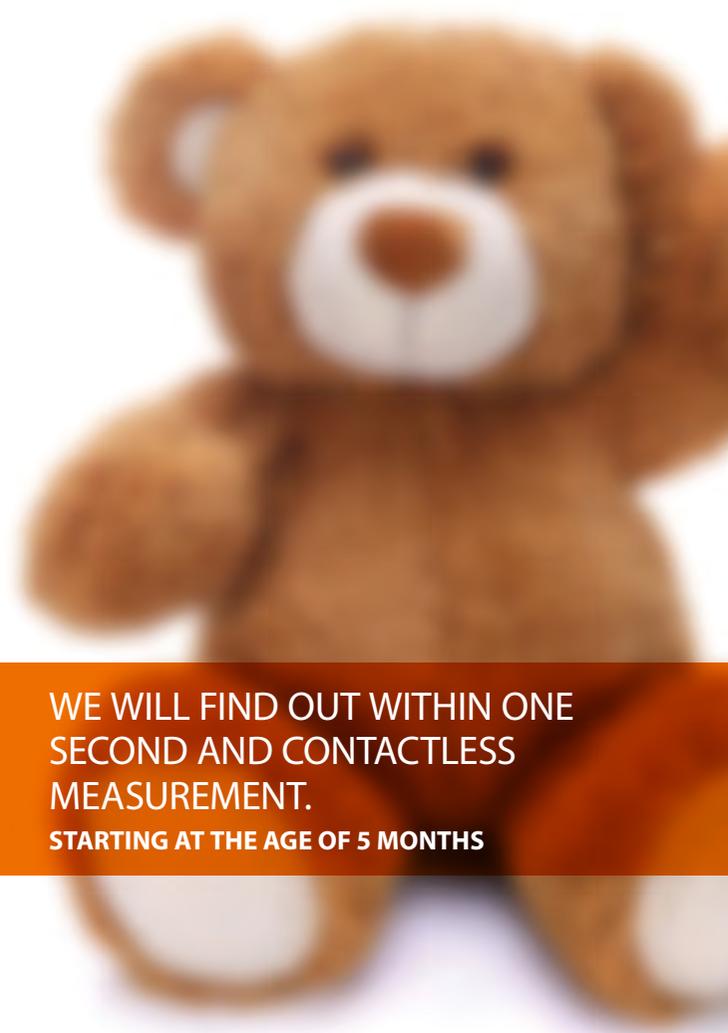
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CAN YOUR CHILD SEE WELL?



WE WILL FIND OUT WITHIN ONE SECOND AND CONTACTLESS MEASUREMENT.
STARTING AT THE AGE OF 5 MONTHS

? DOES MY CHILD HAVE A VISION DISORDER?

Vision screening can answer this question. On average one in five four year old children has an undetected vision disorder. This high percentage is not surprising, as vision disorders, unlike many other diseases, often have no obvious or detectable symptoms.

? DOES MY CHILD NOTICE HIS OR HER VISION DISORDER?

Affected children don't notice their own vision disorder, because they are accustomed to seeing the world with their own eyes and have no way to compare.

? WHY IS VISION SCREENING IMPORTANT?

Vision screening is intended to detect vision disorders including amblyopia, also called lazy eye. Many vision disorders – in particular amblyopia – if not detected and treated during the first years of life, can lead to permanent visual impairment, which neither glasses or any other visual aid can address.

? WHY IS AN ORDINARY EYE TEST INSUFFICIENT?

The sooner a vision disorder is detected and treated, the better it can be treated successfully. Ordinary eye tests or visual acuity tests can only be administered when the child is able to speak. Furthermore these tests are not able to test refractive errors accurately.

? FROM WHAT AGE IS VISION SCREENING RECOMMENDED?

All children should undergo regular vision screening. The first screening should take place as early as possible, ideally around the age of one. If there is a family history of vision disorders, earlier vision screening is advised at 5 to 8 months old. Thereafter, regular screening is recommended as the eyes change with growth and vision disorders can arise during this process.



WITH MODERN MEASUREMENT TECHNOLOGY FROM PLUSOPTIX, THE REFRACTION MEASUREMENT LASTS JUST A FEW SECONDS.

