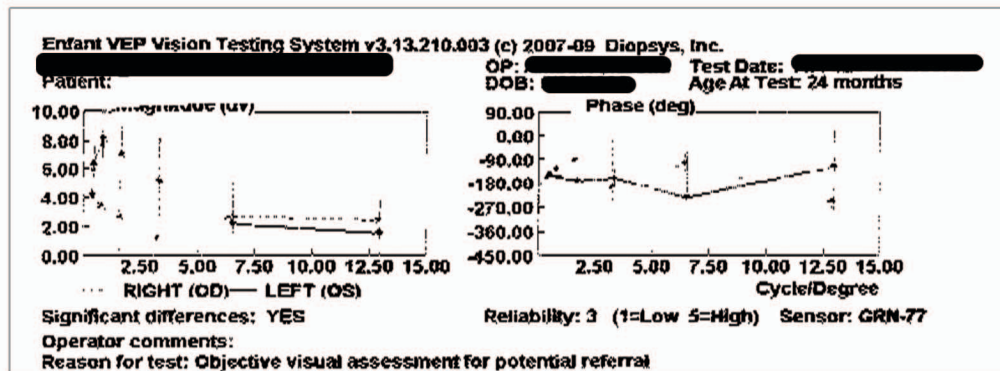


VEP Pediatric Case Study

Child Diagnosed Before Deep Amblyopia Development

Presentation:

A two year-old child was brought to her Pediatrician for her yearly well-visit. During examination, the patient's mother stated that she had not noticed any vision problems with the child. The patient was then given the *Enfant® Pediatric VEP Vision Test* which subsequently indicated a statistically significant difference in visual function between the right and left eyes. The child was then referred to a therapeutic optometrist.



Assessment:

The manifest refractive error was not reliable OU secondary to accommodative spasm. Cycloplegic refractive error was +6.00 - 0.50 X 152 OD (very repeatable) and +1.50 DS OS (also very repeatable). Cover test at distance and near revealed orthophoria, no strabismus present. No pathology was detected OU through fundus examination.

Diagnosis and Treatment:

The eye care specialist diagnosed the patient has having a significant anisometropic refractive error that would certainly lead to deep amblyopia if left untreated. Glasses were prescribed for full time use, and a 1-hr per day patching schedule of the left eye was implemented in order to keep the right eye stimulated.

Conclusion:

The therapeutic optometrist told both the pediatrician and the mother that had the *Enfant® Pediatric VEP Vision Test* not been performed and the patient then referred, the patient's amblyopia would likely have gone undetected for many years. The child is expected to have a very positive outcome because her amblyopia was caught so early.

For more information on the



please call Diopsys at 973-244-0622
or email info@diopsys.com



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