

REVIEW of VALIDATION: Pediatric Vision Screening

CODE Number **99177**

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PHOTOSCREENING is _____

World Health Organization Screening guidelines[1] (10 points)

Gold Standard Confirmatory exam for condition: **AMBLYOPIA**

Uniform Standards[2, 3]

Natural History of Amblyopia: Kinetics[4, 5]

ARF: Amblyopia Risk Factors and their Prevalence[6]

Instrument Referral Criteria

Validation Metrics:

Sensitivity $A/(A+C)$ **Specificity** $D/(B+D)$ **PPV** $A/(A+B)$

ROC Curve

Test re-Test reliability for objective vision screening

AAP Age-based vision screening guidelines

PPV of local objective screening including smart phone

PPV ABCD and Vanderbilt[7], Iowa[8], Anchorage [9, 10], smartphone_____

Photoscreening is _____ without _____!

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3. Donahue S, Arnold R, Ruben JB: **Preschool vision screening: What should we be detecting and how should we report it? Uniform guidelines for reporting results from studies of preschool vision screening**. *J AAPOS* 2003, **7**(5):314-316.
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7. Arnold RW, Donahue SP: **The yield and challenges of charitable state-wide photoscreening**. *Binocul Vis Strabismus Q* 2006, **21**(2):93-100.
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