

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
PIBIC Last Name - Almeida First Name - Márgara Middle - Zanotele Hemerly

Service (sector) Strabismus N° CEP

Screening for Amblyogenic Factors Using the MTI Photoscreener

II. Final results at São Paulo city.

Authors: Almeida, MZ; Morales, PH; Lagrasta,J; Freitas,W; Nakanami,C and World's Sight First Day Team.

Purpose: To describe the final results from a school vision screening program using the MTI PhotoScreener at São Paulo City, Brasil.

Methods: One hundred and third six children who failed the screening program received a complete ophthalmologic examination.

Results: During one day of the screening program, 1619 children from elementary schools were screened. The screening referred 108 children (6,7%) of whom 70 (4,3%) children had photographs that were unreadable. From the total referred, 136 (76,4%) children were evaluated at Federal University of São Paulo. Children who failed the screening had a significant abnormality (strabismus, anisometropia, high hypermetropia, high astigmatism, or high myopia) in 73 (67,6%) of the 108 cases and 47 (43%) patients were documented to have amblyopia on their formal ocular examination. Conclusion: Despite intense attention to follow-up, many children who failed the screening did not receive a formal eye examination. The MTI PhotoScreener may play a role in vision screening for identification of amblyogenic factors.