

Strengthening the Eyes of the Future: Palmetto Health Vision Screening Program

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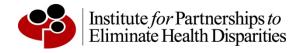
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OVERVIEW

- Introduction to Institute for Partnerships to Eliminate Health Disparities (IPEHD)
- Learning Objectives
- Palmetto Vision Screening Initiative
- Evaluation Process
- Q&A

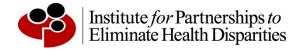


WHAT IS IPEHD?

- A partnership between....
 - A large, research-oriented institution of higher learning
 - Historically Black Colleges and Universities (HBCU's)
 - 1890 Land Grant Network
 - Statewide public health agencies
 - Other community organizations

Our mission:

To eliminate health disparities through academic, community and other strategic partnerships in South Carolina and beyond.



CURRENT PROGRAMS / ACTIVITIES

SC DHEC

W. K. Kellogg Public Health Fellowship and Development Program

M.A.T.C.H (Mobilizing Against Threats to Community Health)

USC- Claflin EXPORT Center







MID-CAROLINA AHEC



PALMETTO HEALTH



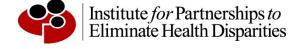


RICHLAND SCHOOL DISTRICT ONE

Victory Tabernacle Church

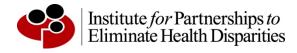
1890 Land Grant Institutions





LEARNING OBJECTIVES

- Discuss the significance of vision programs in public schools;
- Discuss the use of school performance records to strengthen the assessment of impact the vision program is having academically; and
- List five challenges the evaluation team faced during the data collection process



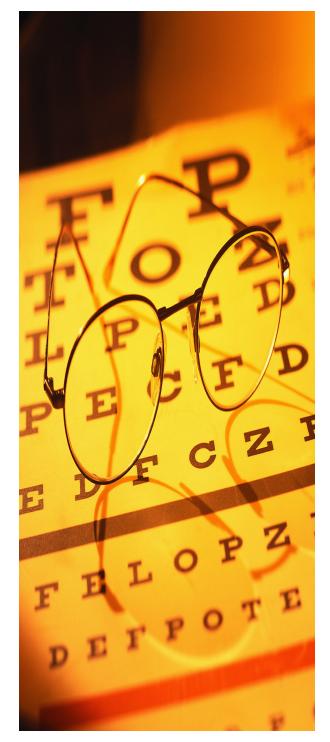
Vision Screening

OVERVIEW

- Vision Test
- Palmetto Health's Vision Initiative

VISION SCREENING GOALS

- To reduce potential vision problems by intervening early and educating parents and children on the importance of following a recommended schedule for vision exams.
- The goal of the evaluation was to assess parent/child knowledge levels on vision care and to assess the impact of vision treatment on a child's school performance.



VISION SCREENING: WHAT'S YOUR VIEW?

- Visual problems are the leading handicap conditions for young people¹;
- Vision screening is a valuable method for identifying potentially treatable visual abnormalities and reducing visual morbidity²;
- 75-90% of all information is obtained through the vision pathways³;





VISION SCREENING: WHAT'S YOUR VIEW?

- As many as one in four school-age children have visual problems⁴;
- It is estimated that, in almost half of the children who are blind today, the underlying cause could have been prevented, or the eye condition treated to preserve vision or restore sight⁵;
- Unequal level of care received by special populations (i.e., the poor, uninsured, and minority groups)⁶;

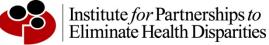




VISION SCREENING: WHAT'S YOUR VIEW?

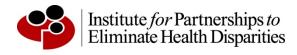
- Length of time between identifying a problem and seeking treatment is reduced⁷;
- Under-screening is an increasing problem⁸;
- Screening differentiates children with reading disabilities from non-disabled children⁹; and
- The control of blindness in children is a priority within the World Health Organization's VISION 2020
 Programme The Right to See Programme⁵,





Why are School Performance Records Important?

- Serves as baseline data;
- Indicates vision and/or learning disorders;
- Monitors drastic changes in academic performance; and
- Addresses validity and reliability concerns.



Evaluation Goals

- Create an overall evaluation framework for programs and services.
- Assess major program services and identify key faculty and staff to evaluate program progress toward objectives using the participatory evaluation model.



Participatory Evaluation Model

- Overall Framework Participatory Evaluation Model
- Captures richness of program design
- Involves key stakeholders
 - Program development to implementation
 - Data collection and analysis
 - Dissemination of findings (Program effectiveness and impact)
- Assess performance on a continuous basis
- Allows for adjustments in progressing toward goals



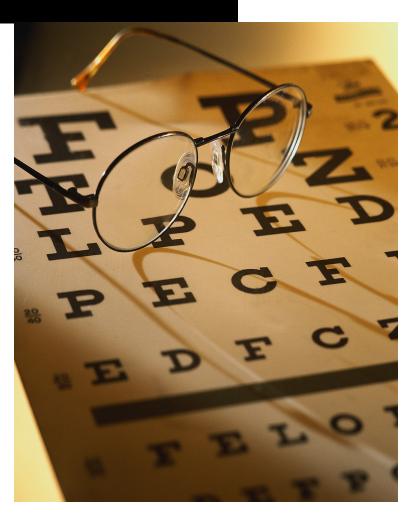
Guiding Principles of the Participatory Evaluation Model

- Participant focus and Ownership
- Negotiation
- Learning
- Flexibility



Vision Screening Outcomes

- 2928 children participated in comprehensive eye exams through September 30, 2006;
- 75% of the participants needed eye glasses;
- Follow-up interviews (children and parents) indicated significant improvements in academic performance;
- Increase in program's growth since its inception in 1998; and
- Self-reported improvement in grades and conduct.



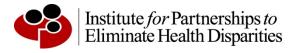
Program Challenges

- Number of participants responding to the survey;
- Accuracy of telephone numbers and addresses between pre and post tests;
- Access to school performance records to assess the impact of the vision program academically (baseline data);
- Inconsistent follow-up encountered by children identified by the screening; and
- Reliability and validity of data collected (self-reported).



Recommendations

- Continue to conduct follow-up surveys within 30 days of a student's enrollment in the program.
- Use focus groups of parents, a qualitative approach, as a complement to quantitative data analysis in determining program effectiveness.
- Have students that can reflect the success of the program tell their story.



Updates Since 2004

- NOVA Award
- EstablishedDatabase
- LocationExpansion



References

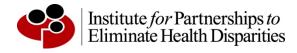
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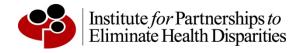
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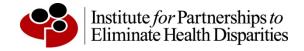


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Questions/Comments



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