The Newborn Hearing Screening
Training Curriculum
A Preview of Upcoming Changes

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infanthearing.org
NHSTC Objective

To improve the standard of care to babies and families through efficient screening practices resulting from quality, comprehensive, standardized training
Targeted Outcomes

- **Consistency** in screening practices
- **Screener confidence**
- **Appropriate** refer rates
- **Improved** loss to follow up
- **Cost efficiency**
- **Time efficiency**
- **Community confidence** in the program
<table>
<thead>
<tr>
<th>Additional Info I would like included</th>
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<tbody>
<tr>
<td>Ability to add specific state procedure to submit results</td>
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<tr>
<td>It would be great if you could develop something for physicians and ENT doctors about newborn hearing screening, follow up and monitoring of risk factors. We still have issues with physicians not ensuring children are rescreened at a later date (even though we send letters) when the child passed, but had risk factors. We also have issues with PCPs and ENTs not having children rescreened following treatment of ear infections, etc. They sometimes say it is not necessary. Reinforcing follow-up screens would be helpful if you could work through the AAP and Family Physician groups to reinforce that message!</td>
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<tr>
<td>Include more strategies to decrease loss to follow-up when infant does not pass his/her hearing screen</td>
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<td>Outcome measures that measure the effectiveness of hospitals using the materials</td>
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<td>Availability as an online course</td>
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<td>Ability to add state specific info; they added a supplement to it for this purpose (insert)</td>
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Illinois EHDI Pilot Study

**Background**

- **Purpose**
  - To investigate learning, screening and follow-up outcomes from the NHSTC

- **Primary Goal of the study**
  - To increase screener knowledge and confidence in all aspects of the NHS process

- **Aim of the study**
  - To increase the number of parents connected to the next step if baby fails the screening
  - To improve hospital NHS program outcomes
Illinois EHDI Pilot Study

**Methods**

- Project Team (NCHAM and IL Dept of Public Health) selected 2 hospitals with high refer rates and low follow-up rates.
- Conducted and modeled training sessions at both hospitals using a train-the-trainer approach with program leaders/coordinators.
- Conducted a short introduction prior to the DVD viewing and a “hands-on” demonstration after the DVD, using the “Skills Checklist”
Illinois EHDI Pilot Study

*Instruments*

- Prior to the training screeners completed
  - Screener Information Questionnaire
  - Pre-test
- Following the training the screeners completed
  - Post Training Questionaire
  - Post-test
- Parent Survey
- Hospital Screening Statistics Form
Illinois EHDI Pilot Study

**Preliminary Results**

Knowledge: Pretest to Postest

![Graph showing mean scores from pretest to posttest.](image-url)
Illinois EHDI Pilot Study

Preliminary Results

Screener Perceived Confidence Pre and Post Training
NHSTC Web
(Funded by IL EHDI and NCHAM)

• Web format, accessible through the NCHAM Website....

• Designed to be a “One Stop Training Shop” for hospital screening programs
  – Screener training (based on initial product)
  – Program Coordinator section
  – Hands on demonstration video
  – Training tools
Program Coordinator Section

- Roles and Responsibilities
- Policies and Procedures/Protocols
- Equipment (supplies, maintenance, etc.)
- Communication
- Program Management
  - Data management
  - Quality Assurance
- Resources and Tools
- Financial Considerations
NHSTC Web

– Added Resources, such as a template for state specific information

• Babies with Risk Indicators updated
• Parent Scripts Role Modeling
• Parent Videos
• Pre-tests
• Updated photos of different intervention options
Module Introduction

In this module we'll discuss the definition of screening, the impact of screening and about the early hearing detection and intervention or EHDI, process. To better demonstrate the importance of training let's listen in on pediatric audiologist Beth. She's just started to train Jordan on how to
Questions?

Beta version release expected by April 30