BUILDING NEWBORN HEARING SCREENING INTO STATE EARLY INTERVENTION PROGRAMS

The New York State Model
2011 EHDI Conference

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NYS Department of Health
Collaborative partnerships are the mechanism for designing comprehensive strategies that strengthen children and families.

Learn steps in creating State level partnerships between Early Hearing Detection and Intervention Programs (EHDI) and Part C Early Intervention Programs (EIP).
Importance of Early Intervention

Before newborn hearing screening:
children with severe-to-profound hearing loss, on average, completed the 12th grade with a 3rd- to 4th-grade reading level and language levels of a 9- to 10-year-old hearing child.

Infants who receive EI services before 6 months have significantly better outcomes and children enrolled within the first year have language development within the normal range at 5 years of age.
New York State Early Intervention Program

- Part C of Federal Individuals with Disabilities Education Act (IDEA)
- Title II-A of Article 25 of PHL – Implemented July 1, 1993
- Health Department is State Lead Agency responsible for administration and oversight in collaboration with 57 counties and NYC
- 75,000 children annually

<table>
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<th>Year</th>
<th>2005</th>
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Children with Hearing Loss enrolled in EI
Redefining 1-3-6

- 1 - Hearing screening using a physiologic measure at no later than 1 month of age
- 3 – Rescreening and confirmation of hearing loss by 3 months of age
- 6 – Enrollment in EI no later than 6 months of age
Parents informed of Early Intervention in the hospital prior to discharge

Written and verbal communication

Increase program awareness

Communicate referral procedure
Formalizing EHDI/EIP Partnerships

- Organizational Structure
- Regulations
- Information Systems
- EIP Staffing Commitment
NYS Department of Health Organizational Structure

Office of Public Health

Center for Community Health

Division of Family Health

Bureau of Early Intervention

EHDI

NYS Early Intervention
Advisory Workgroup

Met from 2000-2001 to collect expert stakeholder input to establish regulations

- Pediatri-cians
- Audiolo-gists
- DOH
- Parents
- Hospitals
- EIP

Early Intervention Shaping Futures
Referral to Early Intervention built in at two junctures:

 › Lost to follow up for more than 75 days
   • Referred “at-risk”

 › After failure of initial and follow up screening
   • Referred for confirmatory diagnostic test – “suspected”

*Parent has the right to object to referral*
In addition to referral and follow up mechanisms, NYS Early Intervention also provides:

- Reimbursement for diagnostic audiologic evaluations
- Reimbursement for assistive technology services, including devices
- Opportunity to enhance medical home
New York Early Intervention System (NYEIS)

- NYEIS is a web-based, state-of-the-art software application that will electronically manage early intervention administrative tasks and exchange of information.

- Built-in EHDI design
  - Referral workflow
  - Ability to link data for long-term follow up
**Create Referral - IBM Lotus Notes**

### Referral Reason
- **Primary Referral Source:**
- **Secondary Referral Source:**
- **Status Assigned:** Failed Initial Hearing Screening
- **Referral Source Type:**

### Child Information
- **Referral Date:**
- **Child Middle Name:**
- **Suffix:**
- **Gender:**
- **Child’s Dominant Language:**
- **Race:**
  - American Indian or Alaskan Native
  - Asian
  - Black or African American
  - Native Hawaiian or Other Pacific Islander
  - White
- **Birth Last Name (If Different):**
- **Date of Birth:**
- **Municipality of Residence:**
- **Ethnicity:**

### Family Information
- **Mother’s First Name:**
- **Mother’s Last Name:**
- **Mother’s Date Of Birth:**
- **Father’s First Name:**
- **Father’s Last Name:**
- **Father’s Date Of Birth:**
- **Is a Parent Proficient in English?:** Yes
- **Alternate Parent Contact Name:**
- **Alternate Contact’s Relationship to Child:**

### Address
- **Primary Address:**
- **Mailing Address:**

### Phone Number
- **Primary Phone Number:**
- **Mailing Address:**
Currently being developed
- Includes fields to capture referrals to EIP
- Integration with medical home
- Data linked with data in NYEIS

**CDC EHDI Goal 6: State Tracking and Surveillance System**
EIP Staffing Commitment

- In-kind support
- Departmental support for integration of child health information
- Statewide effort with local collaboration
  - NICHQ example
- 2008-2009
- Montefiore Medical Center
- New York City Early Intervention Program
- NYC Parents

- Multiple Contact Information
- Verify primary Care Provider Info
- Referral to EI
- NYC Citywide Immunization Registry
- Revised Parent Letter

**NICHQ**

Create Strategy

Implement Evidenced Based Programs and Initiatives

Evaluate Programs

Adjust Plan in Accordance with Evidence
Outcomes of Effective Partnering

Decrease in loss to follow up
2009: 246,647 discharges from 140 facilities

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Shared Resources Yield Positive Outcomes
THANK YOU

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