

WEDNESDAY MARCH 16TH EHDI MEETING HANDOUT

(black – from the HRSA NOFO/ blue –possible ideas / supporting discussion in the breakouts)

Early Hearing Detection and Intervention Program

Funding Opportunity Number: HRSA-20-047

Funding Opportunity Type(s): Competing Continuation, New

Assistance Listings (CFDA) Number: 93.251

PROGRAM FUNDING OPPORTUNITY DESCRIPTION – STARTING PAGE 5

Purpose: In alignment with the Early Hearing Detection and Intervention Act of 2017, this funding opportunity will support EHDI systems of care within states and territories to:

- Lead efforts to engage all EHDI system stakeholders at the state/territory level to improve developmental outcomes of children who are DHH;
- Provide a coordinated infrastructure to: Ensure that newborns are screened by 1 month of age, diagnosed by 3 months of age, and enrolled in EI by 6 months of age (1-3-6 recommendations); and
- Reduce loss to follow-up/loss to documentation.
- Engage, educate, and train health professionals and service providers in the EHDI system about the 1-3-6 recommendations; the need for hearing screening up to age 3, the benefits of a family-centered medical home and the importance of communicating accurate, comprehensive, up-to-date, evidence-based information to families to facilitate the decision-making process; and

PROGRAM OBJECTIVES (OUTCOMES) – STARTING PAGE 6

The recipient is funded to achieve, collect, and report on the following program objectives:

By March 2024: Using the state/territory’s data from the 2017 CDC (Centers for Disease Control and Prevention) EHDI Hearing Screening and Follow-up Survey (HSFS) as baseline data:

- Increase by 1 percent from baseline per year, or achieve at least a **95 percent screening rate**, whichever is less, the number of infants that completed a newborn hearing screen no later than 1 month of age.
 - NHSTC Completing the Screening Process is addressed in Module 7
 - NHSTC Outpatient Rescreening is addressed in Module 8 (follow-up appointment and documentation)

Outcome Measure: The implementation of standardized, on-line newborn hearing screening training statewide, will support the goal of 95% or greater screening no later than 1 month of age (as defined by the CDC HSFS) for the 2023 birth cohort.

Or

Outcome Measure: The implementation of standardized, on-line newborn hearing screening training **RECERTIFICATION** statewide, will support the goal of 95% or greater screening no later than 1 month of age (as defined by the CDC HSFS) for the 2023 birth cohort.

Process Measure: The number or percent of hospital screeners completing the NHSTC by (specific date); If percent:
Numerator: # of screeners at a hospital completing the NHSTC
Denominator: Number of screeners at the hospital

Or

Process Measure: The number or percent of hospital screeners completing the NHSTC RECERTIFICATION by (specific date); If percent:
Numerator: # of screeners at a hospital completing the NHSTC RECERTIFICATION
Denominator: Number of screeners at the hospital

- Implementation of the Nurse Manager Worksheet: <https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20Nurse%20Manager%20Worksheet%20FILLABLE.pdf>

(See notes re: the NHSTC in the appendix section at the end of this document)

- Increase by 10% from baseline, or achieve a minimum rate of 85 percent, the number of infants that **completed a diagnostic audiological evaluation no later than 3 months of age.**
 - NHSTC Outpatient Rescreening is addressed in Module 8
The module addresses setting up the follow-up appointment and documentation.

Using data collected from year 1 as baseline data:

- Increase by 10 percent the **number of health professionals and service providers trained on key aspects of the EHDI Program**

Description of the activity: By completing the NHSTC the following individuals will increase their knowledge on the aspects of newborn hearing screening and outpatient follow-up: hospital screeners, midwives, individuals providing out of hospital newborn hearing screening (local health departments), AuD students, community health workers, EHDI staff (new hires), Family Based Organization (FBO) staff. The NHSTC offers 3 continuing education credits for nursing staff and audiologists.

By March 31, 2023, 165 EHDI screening and follow-up stakeholders will complete the NHSTC as training on the key aspects of the EHDI program.

Baseline: number of individuals who completed the NHSTC in a previous year; an excel spreadsheet may be obtained from Randi Winston Gerson for your state.
Randi's email: Randi.Winston@infanthearing.org

Outcome Measure: In 2023, the EHDI program will work to increase by 10 percent over baseline the number of individuals who have completed the NHSTC which trains on the key aspects of the EHDI program.

Target: (baseline # of individuals that completed the NHSTC in 2021)*1.1 = target
Example: (150)*1.1=165
In 2023, the EHDI program have 165 individuals complete the NHSTC which is 10% over baseline. The curriculum will train on the key aspects of the EHDI program.

○ **EDUCATING FAMILIES ON THE EHDI SYSTEM OF CARE**

What to Expect Baby Tests brochure: <https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20Prenatal%20Handout.pdf>

Newborn Hearing Screening Next Steps brochure: <https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20Next%20Steps.pdf>

NHSTC Scripts and FAQs in English and Spanish: <https://infanthearing.org/nhstc/docs/2020-resources/2.%20NHSTC%20Scripts%20V4.pdf>

NHSTC Communicating Newborn Hearing Screening Results with Parents/ Caretakers in English and Spanish: <https://infanthearing.org/nhstc/docs/2020-resources/4.%20NHSTC%20Parent%20Handout%20V4.pdf>

NHSTC Communicating Newborn Hearing Screening Results with Parents/ Caretakers – COVID edition: <https://infanthearing.org/nhstc/docs/COVID-19-Scripts/NHSTC%20Parent%20Handout%20V4%20COVID-19.pdf>

Measurement for the inclusion on the program’s website:

Process Measure: By March 2023, the number of new materials supporting communication with parents added to the EHDI website

Baseline: 0 Target: 5

Measurement for the number of presentations where stakeholders were educated on the materials that support communication with parents:

Process Measure: By March 2023, 2 webinars/ virtual meetings will be completed where stakeholders were trained on the use of parent communication support materials.

Baseline: 0 Target: 2

Next Steps Activities:

- Work with stakeholders or a focus group to identify opportunities for sharing the information with diverse or vulnerable populations

NHSTC – Communicating with Families and Providers is addressed in Module 6

Note: materials from the Promoting EHDI Practices (PEP) workgroup will be available to support the communication of accurate, comprehensive, up-to-date, evidence-based information.

PROGRAM DESCRIPTION - STARTING PAGE 9

Successful recipients will be expected to address the following activities:

A. Lead efforts to engage and coordinate all stakeholders in the state/territory EHDI system to meet the goals of this program.

3. Establish and maintain partnerships for referral, training, and information sharing with various state or territory stakeholder organizations and programs that include, but are not limited to, health professionals, service providers, birthing centers, and state or territory organizations and programs. By the end of year 1, and revised annually, recipients should complete an assessment of current partnerships and identify key partners who could help address gaps in the EHDI system.

Birth Facilities Contacts fillable PDF: <https://www.infanthearing.org/virtual-site-visit/docs/VSV%20Birth%20Facility%20Contact%20Info.pdf>

Description: The Birth Facilities Contacts fillable PDF provides a way to document the contact information for all stakeholders involved in your newborn hearing screening program. These are partners that should be provided information such as hearing screening data, programmatic updates or annual reports.

Process measure: By March 31, 2023 75% of all birthing hospitals will have completed the Birth Facilities Contacts fillable PDF.

Measurement: Numerator: number of hospitals that completed the worksheet
Denominator: number of birthing hospitals

6. Develop and implement a strategy to monitor and assess program performance in meeting the stated program purpose and objectives that would contribute toward **continuous quality improvement (QI) throughout the period of performance**. Identify existing gaps and challenges in the state/territory's EHDI Program and use a QI approach to address unique needs of the state/territory's system of care, such as:

- Ability to meet the 1-3-6 recommendations
- Loss to follow up/documentation
- Provider outreach and education
- Data collection
- Outreach to underserved populations
- Family engagement and family support

You should identify a minimum of two areas for improvement to address throughout the 4-year period based on identified needs. Recipients will be required to report annually to HRSA on progress towards addressing these issues using a QI approach including goals, methods, timelines for improvement, and stakeholders involved.

Aggi Response Summary Worksheet: <https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20Aggie%20Response%20Summary%20worksheet%20Fillable.pdf>

7. Develop, maintain, and promote a website or webpage for the state/territory that is user friendly with accessible, culturally appropriate information for families and professionals that is accurate, comprehensive, up-to-date, and evidence-based, as appropriate to allow families to make important decisions for their children in a timely manner, including decisions with respect to the full range of assistive hearing technologies and communication modalities, as appropriate.

By December 2022 the following three resources will be linked state's EHDI program website to support accessible, culturally appropriate information for families and professionals.

The following information may be posted to the program's website:

VIRTUAL SITE VISIT:

Description: The VSV Project is a step-by-step approach for EHDI Programs to follow when conducting individual virtual site visits with birth facilities. It outlines 8 steps for conducting a virtual site visit with instructions and tools to carry out each step. It is intended to be self-directed and easily implemented by EHDI program staff or a parent professional. This innovative project supports sustainability in quality newborn hearing programs.

Website: <https://www.infanthearing.org/virtual-site-visit/index.html>

NEWBORN HEARING SCREENING TRAINING CURRICULUM:

Description: The NHSTC is a competency-based course designed to provide the learner with a thorough understanding of the components necessary for conducting quality newborn hearing screening. The recommended practices throughout the course are based on the Joint Committee on Infant Hearing (JCIH) Position Statement. By taking the course, screeners and stakeholders will have the necessary foundation to do a thorough job and feel confident in their role.

Website: <https://infanthearing.org/nhstc/index.html>

EHDI PALS:

Description: EHDI-PALS is a web-based searchable national directory. It helps families, healthcare professionals, and state public health organizations to find pediatric audiology expertise for children ages birth to five. The website provides information about childhood hearing to support families and professionals through the process of screening, diagnosis, and intervention.

Web link: www.EHDI-PALS.org

Measurement for the inclusion of websites:

Process Measure:	By March 2023, the number of parent or professional friendly links added to the EHDI website
Baseline:	0
Target:	3

If you can do analytics, then you could measure an increase in website traffic after adding the three new links.

B. Engage, educate, and train health professionals and service providers in the EHDI system. – Starting Page 16

1. Conduct outreach and education to health professionals and service providers in the EHDI system about the following: The 1-3-6 recommendations and the importance of timely screening, diagnosis, referral, and enrollment into EI services.

- The need for hearing screening up to age 3 to identify, diagnose, and enroll into EI those infants who pass a newborn screen but later develop hearing loss.
- The benefits of a patient/family-centered medical home and family engagement in the care of a DHH child.
- The importance of communicating accurate, comprehensive, up-to-date, evidence-based information to allow families to make important decisions for their children in a timely manner, including decisions with respect to the full range of assistive hearing technologies and communications modalities, as appropriate.
- State/territory-specific EHDI system information.

Note: materials from the Promoting EHDI Practices (PEP) workgroup will be available to support the communication of accurate, comprehensive, up-to-date, evidence-based information.

2. Outreach and education activities may include, but are not limited to, sharing information via webinars, workshops, hospital grand rounds, presentations at professional conferences, professional newsletters, web-based content, social media, list serves, and other communication channels, as appropriate.

EDUCATING STAKEHOLDERS

NHSTC A-ABR Troubleshooting Checklist: <https://infanthearing.org/nhstc/docs/NHSTC-ABR-Troubleshooting-Checklist-2.pdf>

NHSTC Skills Checklist: https://www.infanthearing.org/nhstc-2018-new/NewbornHearingScreeningTraining/story_content/external_files/skills-checklist.pdf

Early Hearing Detection and Intervention (EHDI)
A Roadmap for Families through Screening, Diagnosis and Intervention:
<https://www.infanthearing.org/virtual-site-visit/docs/hospital-resources/Parent%20Roadmap.pdf>

NHSTC Scripts in English and Spanish (a training tool to educate screeners on what to say to parents when the newborn hearing screening is completed)
<https://infanthearing.org/nhstc/docs/2020-resources/5.%20NHSTC%20Script%20Cards%20V4%204up.pdf>

OR

NHSTC Scripts in English and Spanish – COVID edition
<https://infanthearing.org/nhstc/docs/COVID-19-Scripts/NHSTC%20Scripts%20COVID-19%20V4.pdf>

Measurement for the inclusion on websites:

Process Measure: By March 2023, the number of new materials supporting communication with parents added to the EHDI website

Baseline: 0 Target: 5

Measurement for the number of presentations where stakeholders were educated on the materials that support educating stakeholders:

Process Measure: By March 2023, 2 webinars/ virtual meetings will be completed where stakeholders were trained on the use of the materials.

Baseline: 0 Target: 2

Next Steps Activities:

- Work with stakeholders or a focus group to identify opportunities for sharing the information with diverse or vulnerable populations

C. Strengthen capacity to provide family support and engage families with children who are DHH as well adults who are DHH throughout the EHDI system. – Starting on Page 16

1. Engage families throughout all aspects of the project, involving family partners in the development, implementation, and evaluation of the EHDI Program.
2. Conduct outreach and education to inform families about opportunities to be involved in different roles within the state EHDI system and collaborate with various leaders and policy makers in addressing the challenges to and providing solutions for the EHDI system. Recipients should consider a variety of communications methods to engage consumers including, but not limited to, texting, social media, videos, and other communication platforms.
3. Facilitate partnerships among families, health care professionals, and service providers to ensure that providers understand the best strategies to engage families.

[How to Complete Your Own Family Story \(English\) https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20Parent%20Story%20Builder%20FILLABLE.pdf](https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20Parent%20Story%20Builder%20FILLABLE.pdf)

[How to Complete Your Own Family Story \(Spanish\) https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20SPANISH%20Parent%20Story%20Builder%20FILLABLE.pdf](https://www.infanthearing.org/virtual-site-visit/docs/ehdi-coordinator-resources/VSV%20SPANISH%20Parent%20Story%20Builder%20FILLABLE.pdf)

Process Measure: By January 1, 2023, three parent stories will be completed by a parent or the collaborative efforts of a parent and a birthing facility using the How to Complete Your Own Family Story worksheet.

Baseline: 0 Target: 3

Next Steps Activities:

- Highlight the parent story at a stakeholder meeting
- Ask a parent to share their story at a stakeholder meeting
- Post the parent story to the program's website (after obtaining the appropriate release of information documents)

APPENDIX 1:

NEWBORN HEARING SCREENING TRAINING CURRICULUM:

Certificate Version

To Earn a Certificate of Completion, CEUs, and/ or NAPNAP CE Contact Hours

- Create a [user account for the Moodle Learning Management System](#).
- There are 3 main parts to the course. Part 1: the Pre-test, Part 2: the curriculum, Part 3: the Post-test. All 3 parts MUST be completed in their entirety with a passing score of 80% or higher on the Post-test to be eligible for a Certificate of Completion and continuing education credits. Further information on CE/CEUs is below.
- Once you have completed the post-test with an 80% or higher, please fill out a [Certificate of Completion Request form](#). If you have questions or do not receive your certificate, please [contact the NCHAM Help Desk](#).

Non-Certificate Version

If you are not interested in earning a Certificate of Completion and/or CEUs/ CE Contact Hours, you can [watch the course instantly online](#).

Recertification Test UPDATE:

If you took the old course in the past and wish to get re-certified, please log in to the new version and retake the full course, as the pre-test, core curriculum, and post-test are all new. In the future, you can log back in using your same account and re-certify by simply taking the Recertification Test.

APPENDIX 2:

TEMPLATE FOR OUTCOME MEASURES:

Objective:	Total Defined:	Baseline	Yearly Totals (April 2021- March 2022)	Yearly Totals (April 2022- March 2023)
Increase by 20 percent from baseline the number of families enrolled in family-to-family support services by no later than 6 months of age	Total # diagnosed:			
	Total # referred			
	Total # enrolled			
	Total # enrolled by 6 months			
Comments:				

Objective:	Total Defined:	Baseline	Yearly Totals (April 2021- March 2022)	Yearly Totals (April 2022- March 2023)
Increase by 10 percent the number of families enrolled in DHH adult-to-family support services by no later than 9 months of age	Total # diagnosed:			
	Total # referred			
	Total # enrolled			
	Total # enrolled by 9 months			
Comments:				

Objective:	Total Defined:	Baseline	Yearly Totals (April 2021- March 2022)	Yearly Totals (April 2022- March 2023)
Increase by 10 percent the number of health professionals and service providers trained on key aspects of the EHDI Program	Total # trained:			
Comments:				