

# Florida Department of Health

**Creating a Culture of Knowledge:  
Developing Relationships to Ensure Comprehensive  
Congenital Cytomegalovirus (cCMV) Care**

**Florida  
HEALTH**

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# Presenters



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Florida Department of Health

## Natasha Rich

cCMV Follow-up Specialist/Parent Consultant  
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## Promise Santos

cCMV Screening Resource Coordinator  
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# cCMV Screening Legislation

Section 383.145, Florida Statutes, requires:

- Targeted point-of-care cCMV screening, beginning January 1, 2023, for infants who do not pass the newborn hearing screen.
- Expanded cCMV screening to additional at-risk newborns, beginning July 1, 2024.

# cCMV Screening Legislation

Hospitals are required to:

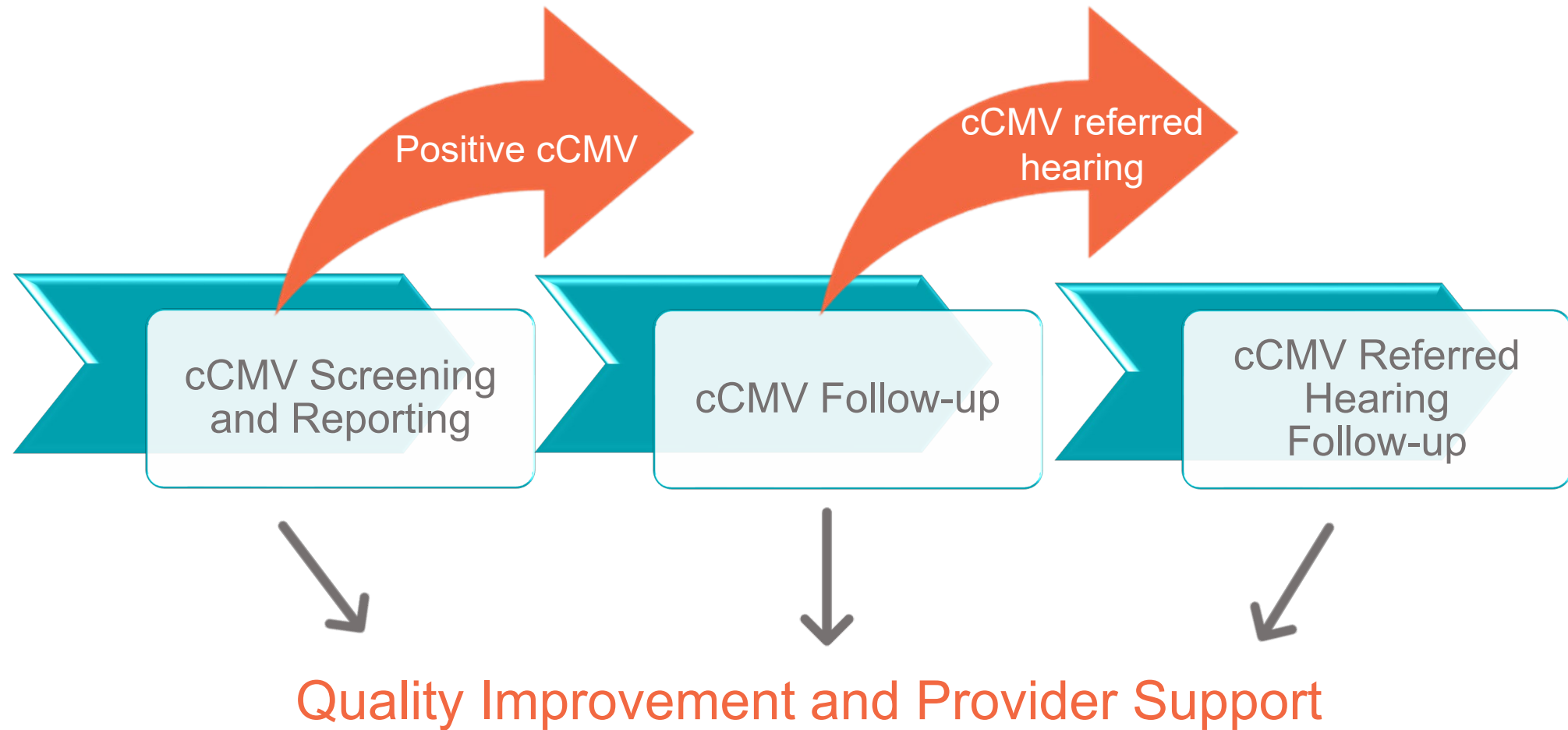
- Screen newborns who fail the hearing screen.
- Screen newborns born before 35 weeks gestation.
- Screen newborns with an anticipated neonatal or cardiac intensive care unit stay of 21 days or longer.
- Screen newborns transferred to another facility for a higher level of care.
- Report results to the Department of Health (DOH) within seven days of receiving result.

# cCMV Screening Data

January 1, 2023 – December 31, 2024, Florida:

- Screened 28,000 newborns.
- Identified and followed up on 250 cCMV positive newborns.
- Conducted outreach and support to:
  - Hospitals: 110
  - Primary care physicians (PCPs): 5,500
  - Pediatric audiologists: 350

# cCMV Screening Workflow



# cCMV Screening

Identification of:

- The hearing screening prompt.
  - First or second failed inpatient hearing screen.
- The cCMV screening test type.
  - Saliva or urine
- Confirmation of cCMV positive screens.
- Communication of cCMV results to the primary care physician.

# cCMV Reporting



- Home
- Administration
- Patient Search
- Data Entry
- Logout



## CMV Entry

[Click for Help](#)

Patient Last Name, First Name	QUEST, BB	Baby AKA	JOHNNY QUEST
Birth Facility MRN	HCA123456	Birth Date	10/01/2023
Birth Order		Birth Facility	HCA FLORIDA CAPITAL HOSPITAL
Mother's Last Name	SMITH	Mother's First Name	JANE
Mother's Address	1234 TEST ONLY AVENUE	Mother's City	TALLAHASSEE
Mother's State	FL	Mother's Zip	32312
Mother's Phone	8503214567	Mother's Alternate Phone	
Primary Care Physician	TALLAHASSEE PRIMARY CARE	Primary Care Physician Phone	8509425775
<b>Most Recent CMV Result:</b>			
Hearing Screening Results:		CMV Test Result	
CMV Test Method		Not Screened Reason	
Ordering Physician		Not Screened Reason Comment	
Inpatient/Outpatient			
<b>Enter CMV Results Here:</b>			
Date of Test (MM/DD/YYYY)	10/2/2023	Date Results Received (MM/DD/YYYY)	10/7/2023
Hearing Screening Results:	Refer/Fail	CMV Test Result	Negative
CMV Test Method	Saliva	Not Screened Reason	
Facility Transfer Name	Any Facility	Ordering Physician	
Not Screened Reason Comment		Inpatient/Outpatient	
Overall Comment			
Internal Use (PID)	3111098	Internal Use (SID)	3203550



# cCMV Follow-up

Follow-up procedures for newborns who test positive for cCMV:

- Early Hearing Detection and Intervention (EHDI) Program staff contact the neonatal intensive care unit or the newborn's PCP.
- EHDI staff refer newborns diagnosed with cCMV to the Florida Part C program.
- EHDI staff continue follow-up for infants who do not pass their hearing screens until a diagnosis.

# cCMV Referred Hearing Follow-up

Follow-up for cCMV positive newborns with a failed hearing screen:

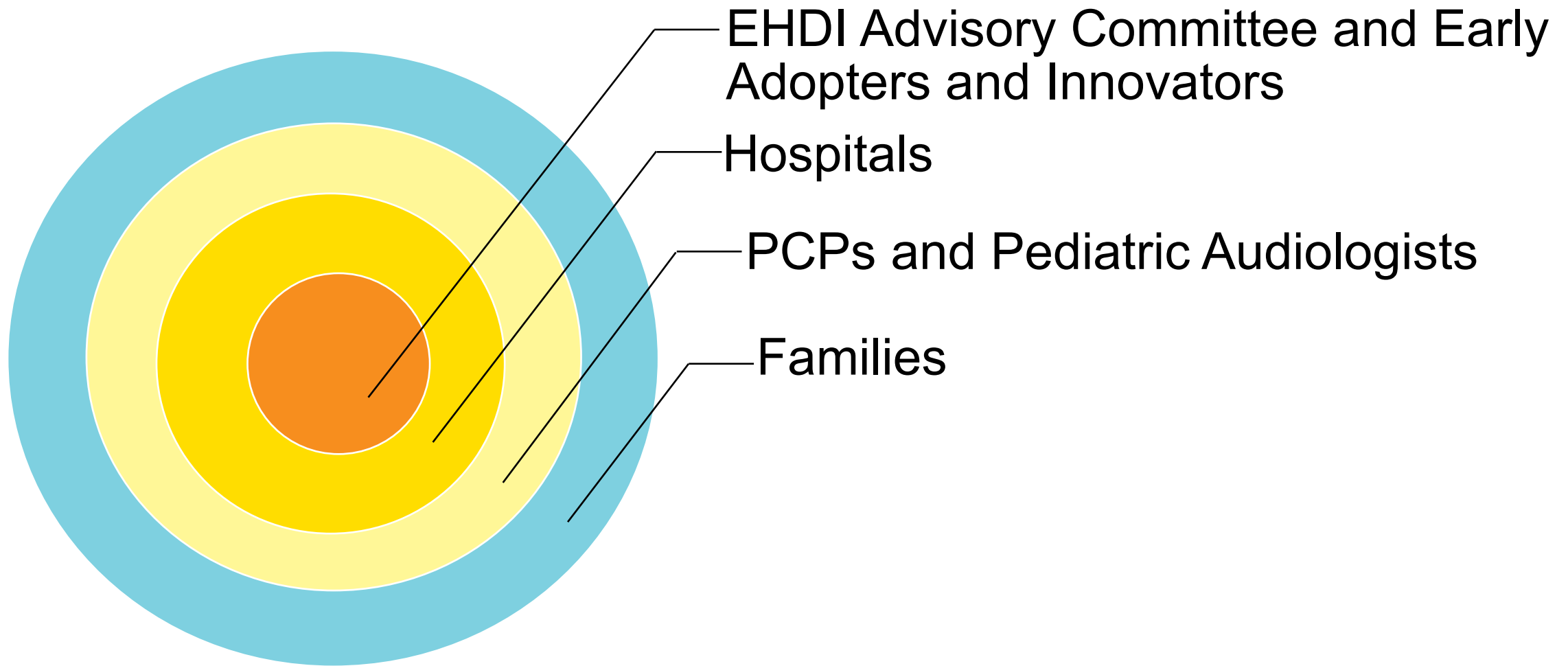
- EHDI staff follow family for 3–6 months to ensure audiology appointments are set and kept.
- EHDI staff request diagnostic reports to assist families in making informed decisions about the next steps.
- EHDI staff continue follow-up for infants who are diagnosed with a hearing difference to support families.

# Provider Support

Quality improvement and provider support includes:

- Hospital outreach:
  - Monthly hospital reports
  - Data-driven technical assistance
  - On-site and virtual visits
- PCP follow-up:
  - Daily results checks
  - Referrals
    - Confirmatory testing
    - Infectious disease
    - Audiology surveillance

# Key Relationships



# EHDI Advisory Committee, Early Adopters, and Innovators

Advisory Committee members, early adopters, and innovators collaborated with EHDI on:

- Developing guidelines prior to implementation.
- Presenting webinars to engage early adopters and innovators of cCMV screening.
  - Discussed procedures and answered implementation questions.
- Connecting innovators together to expand on previously developed advancements.

# Hospitals

EHDI engaged hospital stakeholders through:

- Provision of educational webinars.
- Creation of a cCMV web page on the [Florida Newborn Screening](#) website.
- Provision of general and individualized technical assistance and data-driven support.

# PCPs and Audiologists

EHDI engaged PCPs and audiologists through:

- Individualized communications with PCPs regarding recommendations for newborns identified with cCMV.
- Individualized communications with audiologists on ensuring timely and continuous follow-up for newborns identified with cCMV.
- Development of targeted PCP and audiologist educational letters.

# Families

EHDI engaged families through:

- Targeted follow-up
- Referrals to Florida's Part C Program
- Letters:
  - Support and next steps
  - 4-month reminder



# Contact Information

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