# Two Families. Two Genetic Syndromes. One Bond.



2025 National EHDI Conference

## **Personal Disclaimer**

Personal choices to pursue genetic testing don't indicate a desire to change the outcome, but a desire to better understand how to manage the diagnosis and prepare for the future





#### Teri Urban

- Parent of a deaf teenager
- Virginia Hands & Voices
- Supporting Success for Children with Hearing Loss
- CHAMPS-DHH Program





Alicia Rodriguez

#### Alicia Rodriguez

- Parent to four boys
- Virginia Hands & Voices
- Garden Educator
- Yoga and Book Lover





# **Learning Objectives**



Understand genetic testing from a family perspective



Identify three benefits of genetic testing and how it can impact a family's journey





Recognize the lived experiences of raising a child with Connexin 26 and Pendred Syndrome

# **Benefits of Genetic Testing**

Recognize medical needs

Parental guilt

Prepare for the future



Noninvasive procedure

Support siblings

Understand diagnosis

## GJB2 / Connexin 26

April 2010 May 2010 November 2010 June 2013 September 2015 March 2017

Failed Newborn Hearing Screen ABR Mild/Moderate Received Genetic Results Sedated ABR Severe/Profound Cochlear Implant Left Ear Cochlear Implant Right Ear









## Pendred Syndrome / SLC26A4

#### What is Pendred Syndrome?

- Caused by lack of protein "Pendrin"
- Possibly affects hearing, thyroid and kidney function
- All our children had 1 in 4 chance of having the diagnosis
- Only 1 in 10,000 are diagnosed with Pendred Syndrome

#### Theo's Journey

- March 2018 ENT appointment
- October 2018 Geneticist appointment
- November 2018 Follow-Up Call and Diagnosis
- Theo's journey with EVA Progressive and fluctuating







# **Navigating Results**









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