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**DEVELOPMENT OF A PARENTING STRESS
MODULE FOR CAREGIVERS OF SCHOOL-AGED
CHILDREN WITH COCHLEAR IMPLANTS**

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OBJECTIVES & METHODS

- Objective: To develop a module that reliably measures parenting stress in caregivers of school-aged children using CIs
- Can be used as a primary or secondary outcome for clinical/observational trials (FDA Guidance,2009)

- Open-ended interviews with stakeholders, children and parents
- Interviews are transcribed
- Content analysis: Identification of relevant items and generation of saturation matrices
- Item generation and creation of rating scales
- Creation of draft measures
- Cognitive testing

DEMOGRAPHICS: 2 SITES

Child Characteristics

Gender	
Male	13 (65%)
Age (in years)	9.2 (SD=1.9)
Device type	
Unilateral	3 (15%)
Bimodal	4 (20%)
Bilateral	13 (65%)
Type of hearing loss	
Congenital	13 (65%)
Progressive	5 (25%)
Sudden	2 (10%)
Age at implantation (mean in months (SD))	34.0 (27.4)
Mode of communication	
Oral language	19 (95%)
Sign language	1 (5%)

Parent Characteristics

Relationship to child	
Mother	18 (90%)
Father	2 (10%)
Race/ethnicity	
African American	3 (15%)
Asian	1 (5%)
Hispanic/Latino	3 (15%)
White	13 (65%)
Education	
Completed high school	1 (5%)
Some college	2 (10%)
Associates degree	1 (5%)
Completed college	10 (50%)
Graduate school or higher	6 (30%)

RESULTS

- 9 items generated for parent interviews
- Rated on a 4-point Likert scale (standardized 0-100)
- Higher scores indicate more stress
- Mean scores ranged from 14.8 to 79.2
- Highest rated stressors:
 - CIs breaking
 - CIs getting lost
 - Child hurt during sports

CONCLUSIONS & FUTURE DIRECTIONS

- Final Parenting Stress Modules = 9 items
- Psychometric validation of reliability & validity
- Translation into Spanish
- Development of Parenting Stress Module for parents of children birth to 5

See Poster #199