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| Appendix B. Measures obtained over time and over domains throughout the project period\*.  |
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| **DOMAINS ASSESSED:** | **MEASUREMENT INSTRUMENTS:** | **AGE AT TEST (months)** |
| **HEARING FUNCTION, AUDIBILITY & SPEECH PERCEPTION** |  |  |
| Audiologic Evaluation | History, Audiogram (VRA) + Tymps | Every visit |
|  | History, Audiogram (CPA) + Tymps | Every visit |
|  | History, Audiogram (Conventional) + Tymps | Every visit |
|  | Electroacoustic Analysis 60/90 Curves | Every visit |
| Hearing Aid Function | Aided Speech Intelligibility Index (Verifit SII) | Every visit |
| Audibility | Hearing Aid Checklist | Every visit |
| Hearing Aid Use | Little Ears Questionnaire | 12, 18, 24 |
| Speech Perception | Parent’s Evaluation of Aural/Oral Performance of Children (PEACH) | 18, 24 (depending on Little Ears score) |
|  | Early Speech Perception (ESP)  | 24 |
|  | ESP | 24, 36 |
|  | Phonetically Balanced Kindergarten (PBK) | 60, 72 |
|  | Computer-Assisted Speech Perception Assessment (CASPA) | 84, 96, 108 |
|  | Multisyllable Lexical Neighborhood Test (MLNT) & Lexical Neighborhood Test (LNT) | 48 |
|  | Speech Spatial Qualities (SSQ) - revised | 48, 72, 96 |
| **LANGUAGE MEASURES**Vocabulary  | *MacArthur Bates Communicative Development Inventory (MBCDI) Words & Gestures (8 to 18 mos)**MBCDI Words & Sentences (19 to 30 mos)**MBCDI Upper Extension (31 mos and up)* | 12,182436 |
| Vocabulary | *Peabody Picture Vocabulary Test-4* | 60, 84, 108 |
|  | *Wechsler Abbreviated Scale of Intelligence (WASI) vocabulary* | 72, 84, 96, 108 |
| Morphology | *Clinical Evaluation of Language Fundamentals-4 Word Structure* | 60, 84 |
|  | Morphological Elicitation Procedure (created for study) | 36, 48 |
| Global Measures | *Mullen Scales of Early Learning* | 12, 24 |
|  | *Comprehensive Assessment of Spoken Language 3–4 Core* | 36, 48 |
|  | *Comprehensive Assessment of Spoken Language 5–6 Core* | 72 |
|  | *Comprehensive Assess. of Spoken Language 7–10 Core* | 96 |
| Narrative | Candy Stealing Story | 84, 108 |
| Conversation | Spontaneous language sample | 36, 72 |
| Mental state stories | Explanation of Action Movies | 84, 108 |
| Verbal Reasoning | *Preschool Language Assessment Instrument-2* | 60 |
| **SPEECH PRODUCTION MEASURES** |  |  |
| Speech Production | *Vocal Development Landmarks (created for study)**Goldman-Fristoe Test of Articulation* | 36, 60, 84, 108 |
|  | *Open & Closed Set Test (D. Ertmer)* | 24 |
|  | *Conditioned Assessment of Speech Perception and Production* | 24 |
|  | Vocal Development Landmarks (created for study) | 6, 12, 18 |
| Speech Intelligibility | *Beginner’s Intelligibility Test* | 60 |
| **ACADEMIC MEASURES** |  |  |
| Phonological Processing  | *Comprehensive Test of Phonological Processing (CTOPP)* | 60, 84, 108 |
| Phonological Awareness & Print Knowledge | *Test of Preschool Early Literacy (TOPEL)* | 48 |
| Print Knowledge | *TOPEL* | 60 |
| Word Attack | *Woodcock Reading Mastery Test-R (WRMT-R) Word Attack* | 72, 96 |
| Word Recognition | *WRMT-R Word Identification* | 72, 96 |
| Reading Comprehension | *WRMT-R Reading Comprehension* | 72, 96 |
| Spelling | *Wechsler Individual Achievement Test (WIAT)-II-A* | 84, 108 |
| Math Reasoning | *WIAT-II-A* | 84, 108 |
| **PSYCHOSOCIAL, BEHAVIORAL & FAMILY MEASURES** |  |  |
| Cognitive Skills | *Weschler Preschool & Primary Scale of Intelligence (WPPSI)* | 48 |
|  | *Weschler Abbreviated Scale of Intelligence (WASI)* | 72, 96 |
| Executive Function | Head to Toes Task | 72 |
| Theory of Mind  | False Belief Tasks | 60, 72 |
|  | *Vineland Adaptive Behavior Scales* | 12, 24, 36, 48 |
| Social Skills | *Child Behavior Checklists (CBCL)* | 24, 48, 72, 96 |
| Behavior | *Teacher Report Forms (TRF)* | 48, 72, 96, 108 |
| **FAMILY BACKGROUND & INTERVENTION MEASURES** |  |  |
| Intervention Program Measures | OCHL Service Provider Survey (SPS)- Audiology | Every visit |
|  | OCHL SPS 0 to 3 years | Each visit 6–35 m |
|  | OCHL SPS Preschool | Each visit 35–59 m |
|  | OCHL SPS School-Age | Each visit 60m + |
| Family Background & Satisfaction | OCHL Family Interview | 6 months after every visit |

\*The measures identified in this table are those that will contribute to the accompanying papers in this issue. Additional measures regarding home, clinical services and psychosocial function were also obtained but will not be described here.  |