**ATTACHMENT 10**

**LIST OF ZODIAC MEASURES**

**Clinical and Developmental Evaluation Measures**

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| **Domain** | **Specific Measures/Instruments** | **Participants Assessed** | **Time Involved (per participant)** |
| Growth | Length, weight, head circumference | All | 5 minutes |
| Physical health | Anomalies, general pediatric examination | All | 15 minutes |
| Neurologic | General, posture, movement, tone, reflexes: Hammersmith Infant Neurological Exam (HINE), and an evaluation of cerebral palsy | All | 10 minutes |
| Neurologic | Brain anatomy: Computerized tomography | Referrals only: Children with microcephaly or significant delays (i.e. when clinically indicated) without available brain scans collected previously. | 30 – 60 minutes |
| Vision | Visual acuity; evaluation of vision | All | 50 minutes |
| Vision | Functional vision assessment | Referrals only: Children who score below cut-off for ASQ problem solving domain and/or the HINE visual response | 20 minutes |
| Biological/blood | Blood sample for ZIKV, lead, anemia, thyroid stimulation hormone, thyroxine (either free T4 or both total T4 and estimated free T4), and kidney and liver function tests | All | 10 minutes |
| Hearing | Audiologic Evaluation | Referrals only: Children who score below cut-off for the ASQ communication domain and/or the HINE auditory response | 2 hours |

**Caregiver Report Measures**

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| **Domain Assessed** | **Specific Measures/Instruments** | **Participants Assessed** | **Time Involved (per participant)** |
| Specific Health Information Collected Previously | Medical chart review for: Blood work (ZIKV, other infections pre- and postnatal infections), EEG (seizures), brain scan, hearing tests, vision tests, other identified health and developmental concerns | All | 3 minutes for office staff to pull medical records |
| Demographic, other developmental, family functioning | Sleep, breastfeeding, immunizations, vision, financial impact on family: caregiver questionnaire | All | 10 minutes |
| Neurologic | Seizures: screening test | All | 5 – 10 minutes |
| Developmental | Communication, motor, personal/social: Ages and Stages Questionnaire (ASQ) | All | 15 minutes |
| Developmental | Self-regulation, communication, autonomy, coping, relationships: Ages and Stages Questionnaire – Socioemotional (ASQ-SE) | All | 15 minutes |
| Maternal health | Depression (need to consider referral if significant depression or suicidal thoughts are reported) PHQ-9 | All | 5 minutes |
| Family functioning | Caregiver stress: Parenting stress index | All | 10 minutes |