

# HBCD Protocol Summary: 3-9 months

## Adult Health

APA DSM-5 Level 1  
APA PROMIS Level 2  
DSM-5 Severity Acute Stress  
DSM-5 Severity PTSD  
Edinburgh Postnatal Depression Scale (EPDS)

## Substance Use

Alcohol, Smoking and Substance Involvement Screening Test (ASSIST)

## Biospecimens

Child Saliva  
Child Stool  
Child Urine  
Maternal Saliva

## Social and Environmental Determinants

PROMIS Social Support/ Perceived Stress  
Residential History for Geocoded Data Linkage

## Transitions in Care

Transitions in Care Screener

## Physical Health

2-Item Food Insecurity Screen  
Head Circumference  
Height  
PhenX Breastfeeding Questionnaire  
Weight

## Novel Technology/ Wearables

Activity Surveys  
Heart Rate Sensors  
Movement Sensors

## Brain Imaging

Diffusion MRI  
Functional MRI  
MR Spectroscopy  
Quantitative MRI  
Structural MRI (T1/T2)

## Brain Activity (EEG)

Auditory Oddball Task  
Human Faces Task  
Video Resting State  
Visual Evoked Potential Task

## Neurocognition and Language

Multilingual Language Development Survey

### NIH Baby Toolbox

- Cognitive & Executive Function
- Language
- Memory

Sensory Processing Measure 2 (SPM-2)

## Behavior and Caregiver-Child Interactions

Early Regulation in Context Assessment (ERICA)

ecPROMIS - Caregiver-Child Interactions

Family Culture Matters (FCM)

Infant Behavior Questionnaire-Revised (IBQ-R)

Multidimensional Assessment Profile Temper Loss Scale (MAP-DB TL)



**HEALTHY Brain and Child Development**  
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[HBCDStudy.org](http://HBCDStudy.org)