

Introduction to the Harris Infant Neuromotor Test (HINT)

Trainer: Virginia (Jinny) Hayes, RN, PhD

Course Content: The goal of this 2-day workshop is to introduce participants to the HINT, a 22-item neuromotor assessment designed to screen typical and at-risk infants for potential delays between the ages of 3 and 12 months. The day will begin with a global overview of the purposes of testing followed by a brief review of how observational movement data can be analyzed for clinical diagnosis, referral, and early intervention. Participants will then have opportunities to score videotaped or in-person infants using the HINT. Inter-rater reliability will be assessed.

Course Objectives: At the completion of the workshop, participants will be able to:

- 1) Describe three purposes or goals of tests and provide examples of assessment tools that were developed with each of these goals in mind.
- 2) List and describe three infant neuromotor behaviors that have been shown to be predictive of cerebral palsy.
- 3) Identify two strengths and two weaknesses of the HINT.
- 4) Score at least two administrations of the HINT with $\geq 80\%$ Intraclass Coefficient reliability.
- 5) Know how to inform parents/caregivers of HINT results and need for referral.

Tentative Schedule for Day 1

8.45-10.00	Welcome and Introductions Overview of the purposes of testing
10.00-10.45	Clinical diagnosis through movement observation & analysis
10.45-11.00	REFRESHMENT BREAK
11.00-11.30	Overview of the HINT
11.30-12.00	HINT demonstration with a typical infant and parent/caregiver
12.00-12.30	Questions and Comments
12.30-1.15	LUNCH (on your own)
1.15 - 2.00	HINT demonstration with a typical infant and parent/caregiver (video) Scoring & Interpretation
2.00 - 2.30	Discussion of scoring of typical infant
2.30 - 2.45	REFRESHMENT BREAK

- 2.45 – 3.45 Questions and comments
Watch video again if desired
- 3.45 – 4.00 Informing parents/caregivers of results
- 4.00 – 4.15 Day 1 evaluations

Day Two: Inter-Rater Reliability Training on HINT

Inter-rater reliability training will be conducted on the second day of training for up to eight trainees. Four typically-developing infants of varying ages within the HINT age range (3-12 months) will be present. One trainee will serve as primary examiner for each of the infants while other trainees observe and score independently. Each trainee will need to assess range-of-motion in prone and supine (Items #7 and #12) because these items involve handling of the baby.

- 9.00-9.30 Review and getting organized
- 9:30-10.00 Administer and score HINT for Infant #1
- 10.00-10:45 Discuss scores of Infant #1
- 10:45-11:00 REFRESHMENT BREAK
- 11.00-11.30 Administer and score HINT for Infant #2
- 11:30-12.00 Discuss scores of Infant #2
- 12.00-12.45 LUNCH (on your own)
- 12.45-1.15 Orientation to data collection for the project
- 1.15-1.45 Administer and score HINT for Infant #3
- 1.45-2.15 Discuss scores of Infant #3
- 2.15-2.30 REFRESHMENT BREAK
- 2:30-3:00 Administer and score HINT for Infant #4
- 3:00-3.30 Discuss scores of Infant #4
- 3.30-3.45 Review what reliability means
When will I know?
- 4.00 Day 2 evaluation
Closing