

Clinical Observations of Sensory Integration

Adapted from A. Jean Ayres, 1972, 1975. Revised K. Boling 2001
Made available by Parent-Child Services Group, Inc., Knoxville, TN

Name: _____ Dominance: R L Mix (Hand)

Age: _____ Date of Test: _____ R L Mix (Foot)

R L Mix (Eye)

- I Crossing Midline (Child imitates a variety of positions that require crossing midline.)
(Child touches moving pencil with R, L, B hands.)

<u>Right</u>	<u>Left</u>	<u>Both Simultaneously</u>
Normal	Normal	Normal
Deficient	Deficient	Deficient

- II Nystagmus (Rotate/spin child while sitting with head at 45° angle for 10 rotations in 20 seconds to the right, stop and time duration. Repeat to the left.)

Right
____ Normal excursions and duration
____ Slightly reduced excursions/duration (4-8 seconds)
____ Absent or greatly reduced excursions/duration (0-4 seconds)

Left
____ Normal excursions and duration
____ Slightly reduced excursions/duration (4-8 seconds)
____ Absent or greatly reduced excursions/duration (0-4 seconds)

- III Co-Contraction (Can test on swing with quick stop/go movements or Grab therapist thumbs and say "Don't let me push or pull you." Same with neck.)

	<u>Neck</u>	<u>Shoulder</u>	<u>Elbow</u>	<u>Wrist</u>
Normal	_____	_____	_____	_____
Deficient	_____	_____	_____	_____

- IV Protective Extension (Test prone over therapy ball or sitting. Also in tall kneeling.)

Normal _____
Deficient _____

- V Prone Extension Posture (TLR) (Child assumes airplane position on mat.)

____ a) Holds 25-30 seconds with moderate exertion.
____ b) Holds 25-30 seconds with great exertion.
____ c) Unable, or holds 0-19 seconds

VI Supine Flexion Posture (TLR) (Child assumes fetal position on back.)

- ☐ a) Holds 25-30 seconds with moderate exertion.
- ☐ b) Holds 25-30 seconds with great exertion.
- ☐ c) Unable, or holds 0-19 seconds

VII Asymmetrical Tonic Neck Reflex (ATNR) (Child assumes quadruped position, turn child's head to R then L.)

Right

- ☐ a) Loss of balance
- ☐ b) Elbow flexion on skull side
- ☐ c) Internal rotation at shoulder face side
- ☐ d) Finger spreading/curling
- ☐ e) Can assume without reaction in limbs

Left

- ☐ a) Loss of balance
- ☐ b) Elbow flexion on skull side
- ☐ c) Internal rotation at shoulder face side
- ☐ d) Finger spreading/curling
- ☐ e) Can assume without reaction in limbs

VIII Symmetrical Tonic Neck Reflex (STNR) (Child assumes quadruped position, flex and extend child's head.)

- ☐ a) No change in joint flexion or extension
- ☐ b) Definite change in joint flexion or extension
- ☐ c) Child sits on feet
- ☐ d) Child's trunk sags