

## - Neuro-Development Delay (NDD) Checklist -

*Check a box if one or more items in the list opposite the box apply. Underline items that apply.*

### Risk Factors

#### Pregnancy (for child) complicated by:

- Threatened miscarriage? Illness or fever? Severe morning sickness? Accident or fall? Surgery? Medications? High blood pressure? Excess fluid retention? Extended bed rest? Viral infection? Prolonged stress?

#### Labor:

- Prolonged or rapid? Caesarian? Forceps? Fetal distress? Complications? Induced?

#### Birth:

- More than two weeks early or late?
- Weight less than 5 lbs.?
- A blue baby? Difficulties for child? With breathing? Heavily bruised? Low Apgar score? Distorted skull? Infection? Jaundice?

#### Infancy:

- Feeding problems in the first six months?
- Walking or talking began after 18 months?
- Unusual/severe reactions to immunization?
- During first 18 months: Illness involving high fever? Delirium? Convulsions?

#### Family History:

- Reading/writing difficulties? Learning disorders? Motion sickness? Underachievers?

### Common Manifestations

#### Oculomotor (Eye):

- Liked being read to, but resisted active reading? Difficulty with reading right from the start? Did well first learning to read, but later began to avoid Reading? Never read for pleasure?
- Loses comprehension and concentration when reading a short time? Eye discomfort and/or headache from reading or study? Frequent breaks when reading? Frequent headaches, especially on school days?

#### Fine Motor Coordination:

- Slow learning to button clothes or tie shoe laces? Resisted or avoided drawing, cutting or coloring? Trouble coloring within lines?
- Writing deteriorates after only a few pages? Excessive writing pressure? Has "odd" grip? Hand or arm discomfort from writing? Avoids writing tasks? Written expression poor when compared to verbal skills?
- Difficulty when learning to write? Avoids cursive, preferring to print? Writing began well, but developed poorly? Reverted to printing in later grades?

#### Vestibular (Balance and Motion):

- Travel sickness, fatigue or headaches while riding or reading in the car?
- Late learning to ride two-wheeled bicycle? Dislikes swings, positions with head back washing hair or fast amusement rides?

#### Spatial and Time Perception

- Difficulty learning to tell time or read analog clock? Unable to accurately judge time? Time-related concepts – slow down, hurry up – "don't compute?" Often late?
- Poor spatial orientation or directional sense? Difficulty with right from left? Poor organizational skills? Can't recognize normal social "space?" Conflict with peers? Misreads social interactions? Few friends: relates more readily to younger children?

#### Coordination:

- By the age of 8-10, hand/eye coordination difficulties? Problems catching a ball?
- Poor coordination? Difficulty with sports, physical education or gymnastics?
- With fatigue, coordination deteriorates, becomes clumsy or spills things?

#### Other:

- Wet bed, even occasionally, after age 5?
- First 8-10 years of life, frequent "ear, nose, and throat" problems – colds, ear infections, sinus infections or bronchitis?
- Sever headaches, may become migraines?
- Problems with speech; subtle, appearing only when tired? Mixing up of words? Must think or concentrate on what to say?
- Difficulty concentrating, short attention span, only when reading or writing? Takes frequent breaks doing homework?
- Struggles constantly, needing an inordinate amount of work to maintain average or evening passing grades? Studies longer than peers who receive similar grades?
- Poor torso and body flexibility? Difficulty sitting cross legged or touching toes?