redutric Neuropsychology

"Almost Autistic"

People with Mild Pervasive Developmental/Autistic Disorders (PDD)

By Drina Madden M.A., C.A.S.

PART I

Asperger Syndrome (often referred to as High Functioning Autism or Mild Atypical Pervasive Disorder) is characterized by:

- Deficits in social interaction
- Unusual responses to the environment similar to those in autism
- Cognitive and communicative development are in normal or near-normal range in the first years of life
- Verbal skills are often an area of relative strength
- A need for routine and sameness
- Idiosyncratic interests may take the form of an unusual and/or highly circumscribed interest, i.e.,
 - train schedules
 - snakes
 - weather
 - telegraph pole insulators, etc.

The commonly described features of Asperger Syndrome include:

- limitation in the ability to empathize
- naïve, inappropriate, one-sided social interaction, little ability to form friendships and consequent social isolation
- pediatric and monotonic speech
- poor nonverbal communication
- intense absorption in circumscribed topics which are learned in rote fashion and reflect poor understanding, conveying the impression of eccentricity
- clumsy, ill-coordinated movements and odd posture (Yale Child Study Center, 1995)

Additional insights are gained when we recall the strong connection with Nonverbal Learning Disabilities (NLD) characterized by deficits in:

- tactile perception
- psychomotor coordination
- visual spatial organization
- nonverbal problem solving
- appreciation of incongruities and humor
- mechanical arithmetic
- social perception } at risk forsocial judgment } withdrawal
- social interaction skills
 } and mood disorders

Qualitative impairments which often become apparent in individuals with Asperger Syndrome:

- People with Asperger Syndrome are very much aware of others and wish to become friends even though their approaches are often inappropriate or peculiar
 - may appear bored
 - leave in haste
 - need privacy
 - appear insensitive, formal or disregarding the emotions of others
 - can often describe formal expected intentions and social conventions BUT ARE UNABLE to act upon this knowledge intuitively and spontaneously in actual situations
 - appear socially naïve and behaviorally rigid
- Speech may be marked by a constricted range of intonation patterns used routinely regardless of the situation
- Speech may be tangential and circumstantial (appear as a thought disorder)
- May talk incessantly about their favorite subject, but never come to a conclusion.
- This represents their limited efforts to socialize

PART II TREATMENT AND INTERVENTION

- 1. Skills, concepts, appropriate procedures should be taught directly in a rote fashion with the correct sequence being emphasized verbally (simple social sequence pictures often help).
- 2. Specific problem-solving strategies need to be taught for handling frequently occurring troublesome situations.
- 3. Social awareness must be taught directly.
- 4. Direct teaching of visual sequences with verbal connections will strengthen visual connections and awareness.
- 5. Self-evaluation should be encouraged to strengthen social awareness and self-esteem.
- 6. Skills of self-sufficiency may need to be taught, i.e.,
 - exact sequence of social actions
 - daily scheduling of events
 - school and/or job routines
- 7. Needs to be taught how to recognize a novel situation and deal with it through prescribed sequences.
- 8. Carefully scrutinize neuropsychological profile to learn individual strengths and weaknesses.

PART III GENERAL GUIDELINES FOR BEHAVIOR MANAGEMENT

Behavior exhibited by people with Asperger Syndrome is often challenging.

- These behaviors are not willful or malicious
- Are connected to the disability and must be treated thoughtfully, therapeutically and with careful educational strategies

It is important to:

- 1. Set clear, consistent limits
 - a. List problematic behaviors
 - b. Devise rule-governed, consistent responses (all staff)
 - c. Repeatedly present to individual as any other curricular lesson
- 2. Help the Asperger Syndrome individual learn to make choices

Build on their strengths as they are helped to prepare for their future - vocationally and socially.