

**SYMPTOMS DIFFERENTIATING INFANTS AND TODDLERS WITH AUTISM FROM TYPICAL AND DEVELOPMENTALLY DELAYED PEERS**

	<b>SOCIAL INTERACTION</b>	<b>COMMUNICATION</b>	<b>STEREOTYPICAL BEHAVIORS &amp; REPETITIVE PATTERNS</b>
<b>FIRST YEAR</b>	Limited ability to anticipate being picked up  Low frequency of looking at people  Little interest in interactive games  Little affection toward familiar people  Content to be alone	Poor response to name  Infrequent looking at objects held by others	Excessive mouthing of objects  Aversion to social touch
<b>SECOND &amp; THIRD YEAR*</b>	Abnormal eye contact  Limited social referencing (low frequency of looking referentially at parents)  Limited interest in other children  Preference for being alone  Limited social smile  Low frequency of looking at people  Limited range of facial expressions and infrequent sharing of affect  Limited sharing of affect/enjoyment  Little interest in interactive games (social games, turn-taking)  Limited functional play  No pretend play  Limited motor imitation	Low frequency of verbal or nonverbal communication  Failure to share interest (e.g., through pointing, giving, and showing)  Poor response to name  Failure to respond to communicative gestures (e.g., pointing, giving, and showing)  Use of others' body as tool  Unusual vocalizations	Hand and finger mannerisms (begin to emerge around 3 years)  Inappropriate use of objects  Repetitive interests/play (begin to emerge around 3 years)  Unusual sensory behaviors (hyper or hyposensitivity to sounds, textures, taste, visual stimuli)

\*20%-40% of children with autism experience loss of language skills, decreased interest in usual activities, and withdrawal from social interactions between 18- 24 months.

About 30%- 50% of parents of children diagnosed with autism report their first concerns before child's first birthday and at least 80%- 90% recognize abnormalities by 24 months.

Symptoms in children with autism intensify with time during preschool years. At the same time, in children with developmental delays, some of the autistic-like behaviors observed early in development appear to diminish in frequency and intensity, allowing for clearer discrimination between the groups.

DSM-IV diagnostic criteria for autism have good sensitivity and specificity when applied for children 4 years and older but may have limited use for younger children, especially below age 3 years (e.g., failure to develop peer relationships, impaired conversational skills, and stereotyped language are not usually applicable to children under 3 years, and children under 3 years display fewer symptoms from the stereotyped and repetitive behaviors domain).

REF: Chawarska K & Volkmar FR Autism in infancy & early childhood. In Volmar FR et al (ed) Handbook of Autism & Pervasive Developmental Disorders, 3<sup>rd</sup> ed. John Wiley, 2005.