Neurodevelopmental Disorders

CHEAT CODES
Intellectual Disabilities (33)
319
Intellectual Disability (Intellectual Developmental Disorder) (33)
Specify current severity:
Mild
(F70)
(F71)
(F72)
(F73)
Moderate
Severe
Profound
315.8 (F88)
319
(F79)
Global Developmental Delay (41)
Unspecified Intellectual Disability (Intellectual Developmental Disorder) (41)
INTELLECTUAL DISABILITY
(INTELLECTUAL DEVELOPMENTAL DISORDER)
SYMPTOMS
1. Deficits in intellectual functions, such as reasoning, problem solving, planning, abstract thinking, judgment, academic learning, and learning from experience,
2. Deficits in adaptive functioning that result in failure to meet developmental and socio-cultural standards for personal independence and social responsibility.
3. Onset of intellectual and adaptive deficits during the developmental period.

Communication Disorders

Disorders of communication include deficits in language, speech, and communication. Speech is the expressive production of sounds and includes an individual's articulation, fluency, voice, and resonance quality. Language includes the form, function, and use of a conventional system of symbols (i.e., spoken words, sign language, written words, pic- tures) in a rule-governed manner for communication. Communication includes any verbal or nonverbal behavior (whether intentional or unintentional) that influences the behavior, ideas, or attitudes of another individual.

LANGUAGE DISORDER

SYMPTOMS:

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Communication Disorders (cont)

1. Persistent difficulties in the acquisition and use of language across modalities (i.e., spoken, written, sign language, or other)

2. Reduced vocabulary (word knowledge and use).

3. Limited sentence structure (ability to put words and word endings together to form sentences based on the rules of grammar and morphology).

4. Impairments in discourse (ability to use vocabulary and connect sentences to ex- plain or describe a topic or series of events or have a conversation).

5. Onset of symptoms is in the early developmental period.

Speech Sound Disorder

SYMPTOMS:

1. Persistent difficulty with speech sound production that interferes with speech intelligibility or prevents verbal communication of messages.
2. The disturbance causes limitations in effective communication that interfere with social participation, academic achievement, or occupational performance, individually or in any combination.
3. Onset of symptoms is in the early developmental period.
4. The difficulties are not attributable to congenital or acquired conditions, such as cerebral palsy, cleft palate, deafness or hearing loss, traumatic brain injury, or other medical or neurological conditions.

Childhood-Onset Fluency Disorder (Stuttering)

Social (Pragmatic) Communication Disorder

Social (Pragmatic) Communication Disorder (cont)

nonliteral or ambiguous meanings of language (e.g., idioms, humor, metaphors, multiple meanings that depend on the context for interpretation).

6. The deficits result in functional limitations in effective communication, social participation, social relationships, academic achievement, or occupational performance, individually or in combination.
7. The onset of the symptoms is in the early developmental period (but deficits may not become fully manifest until social communication demands exceed limited capacities).
8. The symptoms are not attributable to another medical or neurological condition or to low abilities in the domains of word structure and grammar, and are not better explained by autism spectrum disorder, intellectual disability (intellectual developmental disorder), global developmental delay, or another mental disorder.

Autism Spectrum Disorder

SYMPTOMS:
1. Sound and syllable repetitions.
2. Sound prolongations of consonants as well as vowels.
3. Broken words (e.g., pauses within a word).
4. Audible or silent blocking (filled or unfilled pauses in speech).
5. Circumlocutions (word substitutions to avoid problematic words).
6. Words produced with an excess of physical tension.
7. Monosyllabic whole-word repetitions (e.g., "I-I-I-I see him").
8. The disturbance causes anxiety about speaking or limitations in effective communication, social participation, or academic or occupational performance, individually or in any combination.
9. The disturbance is not attributable to a speech-motor or sensory deficit, dysfluency associated with neurological insult (e.g., stroke, tumor, trauma), or another medical condition and is not better explained by another mental disorder.

SYMPTOMS:
1. Persistent difficulties in the social use of verbal and nonverbal communication as manifested by all.
2. Deficits in using communication for social purposes, such as greeting and sharing information, in a manner that is appropriate for the social context.
3. Impairment of the ability to change communication to match context or the needs of the listener, such as speaking differently in a classroom than on a playground, talking differently to a child than to an adult, and avoiding use of overly formal language.
4. Difficulties following rules for conversation and storytelling, such as taking turns in conversation, rephrasing when misunderstood, and knowing how to use verbal and nonverbal signals to regulate interaction.
5. Difficulties understanding what is not explicitly stated (e.g., making inferences) and

SYMPTOMS:
1. A. Persistent deficits in social communication and social interaction across multiple contexts, as manifested by the following, currently or by history (examples are illustrative, not exhaustive; see text):
2. Deficits in social-emotional reciprocity, ranging, for example, from abnormal social approach and failure of normal back-and-forth conversation; to reduced sharing of interests, emotions, or affect; to failure to initiate or respond to social interactions.
3. Deficits in nonverbal communicative behaviors used for social interaction, ranging, for example, from poorly integrated verbal and nonverbal communication; to abnormalities in eye contact and body language or deficits in understanding and use of gestures; to a total lack of facial expressions and nonverbal communication.
4. Deficits in developing, maintaining, and understanding relationships, ranging, for ex-

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Autism Spectrum Disorder (cont)

ample, from difficulties adjusting behavior to suit various social contexts; to difficulties in sharing imaginative play or in making friends; to absence of interest in peers.
5. Restricted, repetitive patterns of behavior, interests, or activities, as manifested by at least two of the following, currently or by history
6. Stereotyped or repetitive motor movements, use of objects, or speech (e.g., simple motor stereotypies, lining up toys or flipping objects, echolalia, idiosyncratic phrases).
7. Insistence on sameness, inflexible adherence to routines, or ritualized patterns of verbal or nonverbal behavior (e.g., extreme distress at small changes, difficulties with transitions, rigid thinking patterns, greeting rituals, need to take same route or eat same food every day).
8. Highly restricted, fixated interests that are abnormal in intensity or focus (e.g.,

Autism Spectrum Disorder (cont)

strong attachment to or preoccupation with unusual objects, excessively circumscribed or persevere interests).
9. Hyper- or hyporeactivity to sensory input or unusual interest in sensory aspects of the environment (e.g., apparent indifference to pain/temperature, adverse response to specific sounds or textures, excessive smelling or touching of objects, visual fascination with lights or movement).
10. Symptoms must be present in the early developmental period (but may not become fully manifest until social demands exceed limited capacities, or may be masked by learned strategies in later life).
11. Symptoms cause clinically significant impairment in social, occupational, or other important areas of current functioning.
12. These disturbances are not better explained by intellectual disability (intellectual developmental disorder) or global developmental delay. Intellectual disability and autism spectrum disorder frequently co-occur; to make comorbid diagnoses of autism spectrum disorder and intellectual disability, social communication should be below that expected for general developmental level.

Autism Spectrum Disorder (cont)

Specify if:
With or without accompanying intellectual impairment
With or without accompanying language impairment
Associated with a known medical or genetic condition or environmental factor
(Coding note: Use additional code to identify the associated medical or genetic condition.)
Associated with another neurodevelopmental, mental, or behavioral disorder
(Coding note: Use additional code[s] to identify the associated neurodevelopmental, mental, or behavioral disorder[s].

Attention-Deficit/Hyperactivity Disorder (ADHD)

SYMPTOMS:
- A persistent pattern of inattention and/or hyperactivity-impulsivity that interferes with functioning or development, as characterized by (1) and/or (2):
1. Inattention: Six (or more) of the following symptoms have persisted for at least

Attention-Deficit/Hyperactivity Disorder (ADHD) (cont)

6 months to a degree that is inconsistent with developmental level and that negatively impacts directly on social and academic/-occupational activities:
a. Often fails to give close attention to details or makes careless mistakes in schoolwork, at work, or during other activities (e.g., overlooks or misses details, work is inaccurate).
b. Often has difficulty sustaining attention in tasks or play activities (e.g., has difficulty remaining focused during lectures, conversations, or lengthy reading).
c. Often does not seem to listen when spoken to directly (e.g., mind seems elsewhere, even in the absence of any obvious distraction).
d. Often does not follow through on instructions and fails to finish schoolwork, chores, or duties in the workplace (e.g., starts tasks but quickly loses focus and is easily sidetracked).

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Attention-Deficit/Hyperactivity Disorder (ADHD) (cont)

e. Often has difficulty organizing tasks and activities (e.g., difficulty managing sequential tasks; difficulty keeping materials and belongings in order; messy, disorganized work; has poor time management; fails to meet deadlines).
f. Often avoids, dislikes, or is reluctant to engage in tasks that require sustained
mental effort (e.g., schoolwork or homework; for older adolescents and adults,
preparing reports, completing forms, reviewing lengthy papers).
g. Often loses things necessary for tasks or activities (e.g., school materials, pencils, books, tools, wallets, keys, paperwork, eyeglasses, mobile telephones).
h. Is often easily distracted by extraneous stimuli (for older adolescents and adults, may include unrelated thoughts).
i. Is often forgetful in daily activities (e.g., doing chores, running errands; for older adolescents and adults, returning calls, paying bills, keeping appointments).

Attention-Deficit/Hyperactivity Disorder (ADHD) (cont)

2. Hyperactivity and impulsivity: Six (or more) of the following symptoms have persisted for at least 6 months to a degree that is inconsistent with developmental level and that negatively impacts directly on social and academic/occupational activities:
a. Often fidgets with or taps hands or feet or squirms in seat.
b. Often leaves seat in situations when remaining seated is expected (e.g., leaves
his or her place in the classroom, in the office or other workplace, or in other
situations that require remaining in place).
c. Often runs about or climbs in situations where it is inappropriate. (Note: In adolescents or adults, may be limited to feeling restless.)
d. Often unable to play or engage in leisure activities quietly.

Attention-Deficit/Hyperactivity Disorder (ADHD) (cont)

e. Is often "on the go," acting as if "driven by a motor" (e.g., is unable to be or uncomfortable being still for extended time, as in restaurants, meetings; may be experienced by others as being restless or difficult to keep up with).
f. Often talks excessively.
g. Often blurts out an answer before a question has been completed (e.g., completes people's sentences; cannot wait for turn in conversation).
h. Often has difficulty waiting his or her turn (e.g., while waiting in line).
i. Often interrupts or intrudes on others (e.g., butts into conversations, games, or activities; may start using other people's things without asking or receiving permission; for adolescents and adults, may intrude into or take over what others are doing).
B. Several inattentive or hyperactive-impulsive symptoms were present prior to age
12 years.
C. Several inattentive or hyperactive-impulsive symptoms are present in two or more settings (e.g., at home, school, or work; with friends or relatives; in other activities).
D. There is clear evidence that the symptoms interfere with, or reduce the quality of, social, academic, or occupational functioning.
E. The symptoms do not occur exclusively during the course of schizophrenia or another psychotic disorder and are not better explained by another mental disorder (e.g., mood disorder, anxiety disorder, dissociative disorder, personality disorder, substance intoxcation or withdrawal).

Attention-Deficit/Hyperactivity Disorder (ADHD) (cont)

For (1): Note: The symptoms are not solely a manifestation of oppositional behavior, defiance, hostility, or failure to understand tasks or instructions. For older adolescents
and adults (age 17 and older), at least five symptoms are required.

For (2)Note: The symptoms are not solely a manifestation of oppositional behavior, defiance, hostility, or a failure to understand tasks or instructions. For older adolescents
and adults (age 17 and older), at least five symptoms are required.

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