

# Disinhibited Social Engagement Disorder

Code: 313.89 (F94.2)

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**Diagnostic Criteria 313.89 (F94.2)**

- A. A pattern of behavior in which a child actively approaches and interacts with unfamiliar adults and exhibits at least two of the following:
1. Reduced or absent reticence in approaching and interacting with unfamiliar adults.
  2. Overly familiar verbal or physical behavior (that is not consistent with culturally sanctioned and with age-appropriate social boundaries).
  3. Diminished or absent checking back with adult caregiver after venturing away, even in unfamiliar settings.
  4. Willingness to go off with an unfamiliar adult with minimal or no hesitation.
- B. The behaviors in Criterion A are not limited to impulsivity (as in attention-deficit/hyperactivity disorder) but include socially disinhibited behavior.
- C. The child has experienced a pattern of extremes of insufficient care as evidenced by at least one of the following:
1. Social neglect or deprivation in the form of persistent lack of having basic emotional needs for comfort, stimulation, and affection met by caregiving adults.
  2. Repeated changes of primary caregivers that limit opportunities to form stable attachments (e.g., frequent changes in foster care).
  3. Rearing in unusual settings that severely limit opportunities to form selective attachments (e.g., institutions with high child-to-caregiver ratios).
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- D. The care in Criterion C is presumed to be responsible for the disturbed behavior in Criterion A (e.g., the disturbances in Criterion A began following the pathogenic care in Criterion C).
- E. The child has a developmental age of at least 9 months.

Specify if:  
Persistent: The disorder has been present for more than 12 months.  
Specify current severity:  
Disinhibited social engagement disorder is specified as severe when the child exhibits all symptoms of the disorder, with each symptom manifesting at relatively high levels.

### Diagnostic Features

The essential feature of disinhibited social engagement disorder is a pattern of behavior that involves culturally inappropriate, overly familiar behavior with relative strangers (Criterion A). This overly familiar behavior violates the social boundaries of the culture. A diagnosis of disinhibited social engagement disorder should not be made before children are developmentally able to form selective attachments. For this reason, the child must have a developmental age of at least 9 months.

### Associated Features Supporting Diagnosis

Because of the shared etiological association with social neglect, disinhibited social engagement disorder may co-occur with developmental delays, especially cognitive and language delays, stereotypes, and other signs of severe neglect, such as malnutrition or poor care. However, signs of the disorder often persist even after these other signs of neglect are no longer present. Therefore, it is not uncommon for children with the disorder to present with no current signs of neglect. Moreover, the condition can present in children who show no signs of disordered attachment. Thus, disinhibited social engagement disorder may be seen in children with a history of neglect who lack attachments or whose attachments to their caregivers range from disturbed to secure.

### Prevalence

The prevalence of disinhibited social attachment disorder is unknown. Nevertheless, the disorder appears to be rare, occurring in a minority of children, even those who have been severely neglected and subsequently placed in foster care or raised in institutions. In such high-risk populations, the condition occurs in only about 20% of children. The condition is seen rarely in other clinical settings.

### Development and Course

Conditions of social neglect are often present in the first months of life in children diagnosed with disinhibited social engagement disorder, even before the disorder is diagnosed. However, there is no evidence that neglect beginning after age 2 years is associated with manifestations of the disorder. If neglect occurs early and signs of the disorder appear, clinical features of the disorder are moderately stable over time, particularly if conditions of neglect persist. Indiscriminate social behavior and lack of reticence with unfamiliar adults in toddlerhood are accompanied by attention-seeking behaviors in preschoolers. When the disorder persists into middle childhood, clinical features manifest as verbal and physical overfamiliarity as well as insincere expression of emotions. These signs appear particularly apparent when the child interacts with adults. Peer relationships are most affected in adolescence, with both indiscriminate behavior and conflicts apparent. The disorder has not been described in adults.

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Disinhibited social engagement disorder has been described from the second year of life through adolescence. There are some differences in manifestations of the disorder from early childhood through adolescence. At the youngest ages, across many cultures, children show reticence when interacting with strangers. Young children with the disorder fail to show reticence to approach, engage with, and even accompany adults. In preschool children, verbal and social intrusiveness appear most prominent, often accompanied by attention-seeking behavior. Verbal and physical overfamiliarity continue through middle childhood, accompanied by insincere expressions of emotion. In adolescence, indiscriminate behavior extends to peers. Relative to healthy adolescents, adolescents with the disorder have more "superficial" peer relationships and more peer conflicts. Adult manifestations of the disorder are unknown.

### Risk and Prognostic Factors

Environmental. Serious social neglect is a diagnostic requirement for disinhibited social engagement disorder and is also the only known risk factor for the disorder. However, the majority of severely neglected children do not develop the disorder. Neurobiological vulnerability may differentiate neglected children who do and do not develop the disorder. However, no clear link with any specific neurobiological factors has been established. The disorder has not been identified in children who experience social neglect only after age 2 years. Prognosis is only modestly associated with quality of the caregiving environment following serious neglect. In many cases, the disorder persists, even in children whose caregiving environment becomes markedly improved.

Course modifiers. Caregiving quality seems to moderate the course of disinhibited social engagement disorder. Nevertheless, even after placement in normative caregiving environments, some children show persistent signs of the disorder, at least through adolescence.

### Functional Consequences of

Disinhibited Social Engagement Disorder  
Disinhibited social engagement disorder significantly impairs young children's abilities to relate interpersonally to adults and peers.

### Differential Diagnosis

Attention-deficit/hyperactivity disorder. Because of social impulsivity that sometimes accompanies attention-deficit/hyperactivity disorder (ADHD), it is necessary to differentiate the two disorders. Children with disinhibited social engagement disorder may be distinguished from those with ADHD because the former do not show difficulties with attention or hyperactivity.

### Comorbidity

Limited research has examined the issue of disorders comorbid with disinhibited social engagement disorder. Conditions associated with neglect, including cognitive delays, language delays, and stereotypes, may co-occur with disinhibited social engagement disorder. In addition, children may be diagnosed with ADHD and disinhibited social engagement disorder concurrently.