# **CONDUCT DISORDER**



Conduct disorder (CD) is a psychiatric disorder that originates in childhood or adolescence, and is characterized by behaviours that violate the rights of other individuals and

#### **EPIDEMIOLOGY**

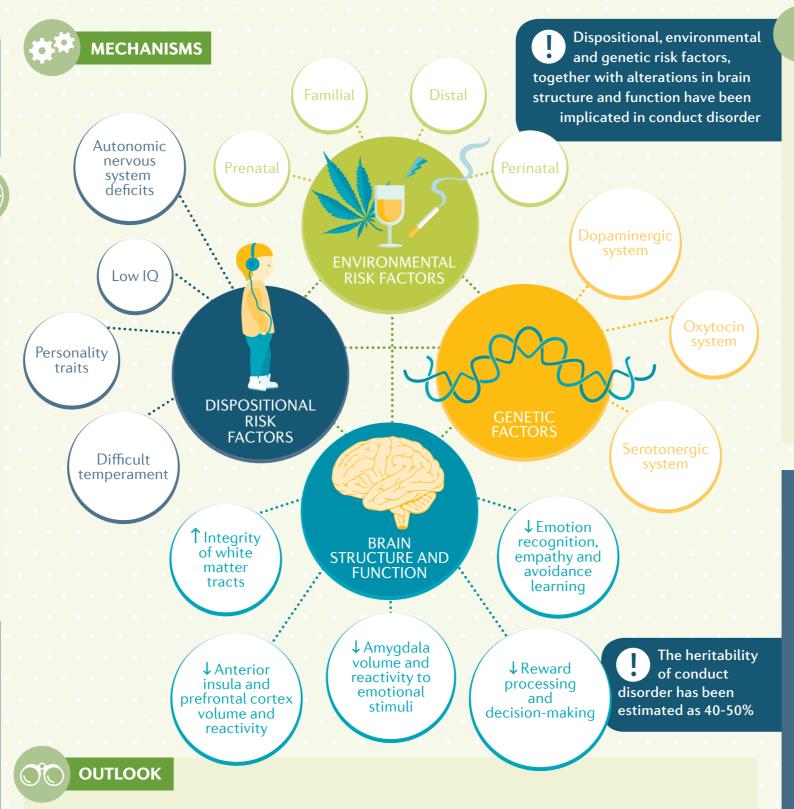
The global prevalence of CD has been estimated as 2–2.5%. Epidemiological studies have mainly focused on children of 5–18 years of age and in high-income countries; data from younger children or adults and from low-income countries are lacking.



age-appropriate norms.

### **QUALITY OF LIFE**

CD is associated with criminal and irresponsible behaviours, social impairment and academic or occupational issues that occur throughout life. Comorbid psychiatric disorders are common in individuals with CD; oppositional defiant disorder and attention-deficit/ hyperactivity disorder (ADHD) are common in children, whereas substance misuse is common in adolescents. Some individuals with CD will develop antisocial personality disorder in adulthood.



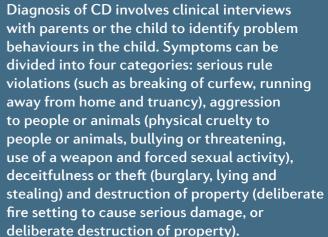
For the Primer, visit doi:10.1038/s41572-019-0095-y

## R MANAGEMENT

Parent training is the first-line treatment for individuals with CD, during which parents are taught how to increase warmth, reinforce positive behaviour and set consistent consequences for negative behaviours for their child. In late childhood or adolescence, a child skills training component is added, which aims to improve the child's social and problem-solving skills, emotional regulation and school performance, and to provide community support. Individuals with CD and limited prosocial emotions should also receive additional parental and child training to enhance empathy.

Pharmacological treatment can be required in those with CD and comorbid ADHD, developmental disorders or internalizing disorders

#### **DIAGNOSIS**



Children with CD and a lack of remorse or guilt, empathy, concern about educational attainment and with shallow emotions are differentiated by the 'with limited prosocial emotions' specifier

drastically under-funded in many

countries. Owing to the large

burden of this disorder, funding

should be increased to facilitate

an improved understanding

of disease mechanisms and

quide the development of

new treatments.

Increased awareness of CD is

frequently under-diagnosed and

under-treated and CD research is

essential, as this disorder is