



Attention deficit / hyperactivity disorder , Assessment, symptoms and Homeopathy treatment for mental retardation in children

Dr. Anil Sharma

Abstract : ADHD is a behavioral disorder that begins in childhood, and persists into adulthood in more than half of the cases. Its basic features are inattention, impulsiveness and hyperactivity.

The diagnosis based on criteria established by the Diagnostic and Statistical Manual of Mental Disorders (Fifth Edition - DSM-V), requires the presence of at least six of nine behavioral characteristics

of inattention / hyperactivity/impulsivity, which must be present for at least six months, had begun before the age of seven and these symptoms should result in a maladaptive and inconsistent functioning when compared to the developmental level.

The prevalence varies from 2.2% to 17.8%, and it is likely that this variation is more related to methodological characteristics of the various studies than to geographical differences. Publications of higher methodological rigor, from all regions of the world as well as national studies, indicate a prevalence of around 5% in school age children. Studies in adults estimate the prevalence to range from 2 to 4.0% .

Key Words : ADHD, Homeopathy treatment , Mental Retardation

Neurobiology

Evidence obtained through pharmacological, neuroimaging, and brain damage studies suggests that the catecholamines, dopamine and norepinephrine, play a important role. However, despite this greater involvement of catecholamines, it is likely that an imbalance occurs between the various neurotransmitter systems that interact among themselves, determining the different phenotypes observed. In recent years, a relevant role has also been assigned to other less studied biochemical neurotransmitters such as serotonin, glutamine, histamine and acetylcholine.

ISSN : 2348-5612 © URR

