Expert recommendation: contributions to clinical practice of the new prodrug lisdexamfetamine dimesylate (LDX) in the treatment of attention deficit hyperactivity disorder (ADHD).


Abstract

Attention deficit hyperactivity disorder (ADHD) is one of the most common neurobiological disorders in childhood, and is characterized by inappropriate levels of inattention, hyperactivity and/or impulsiveness, with an estimated prevalence of 5.29%. ADHD can have a negative impact upon all areas of the life of the patient. The main clinical guides accept multimodal treatment, involving both pharmacological and psychological measures, as the best management approach in ADHD (psychoeducational, behavioural and academic). Lisdexamfetamine dimesylate (LDX) is a new drug for the treatment of ADHD. A multidiscipline expert document has been developed, compiling the scientific evidence referred to this new molecule. The study also addresses the existing shortcomings in current drug therapy for ADHD and the contributions of LDX to routine clinical practice, in an attempt to help and guide physicians in the use of this new treatment. This document is endorsed by the ADHD and Psychoeducational Development task Group of the Spanish Society of Primary Care Pediatrics (Grupo de TDAH y Desarrollo Psicoeducativo de la Asociación Española de Pediatría de Atención Primaria, AEPap), the Spanish Society of Pediatric Neurology (Sociedad Española de Neurología Pediátrica, SENEP) and the Spanish Society of Out-hospital Pediatrics and Primary Care (Sociedad Española de Pediatría Extrahospitalaria y Atención Primaria, SEPEAP).