

# Is Vyvanse Better Than Adderall

Attention deficit hyperactivity disorder predominantly inattentive [unreliable medical source] It is also approved for ADHD by the US Food and Drug Administration. Attention deficit hyperactivity disorder, predominantly inattentive presentation (ADHD-PI or ADHD-I), is one of the three recognized presentations of attention deficit hyperactivity disorder (ADHD). response from mixed amphetamine salts (Adderall) or get too many side effects 7021478ab9

ADHD-PI is a presentation of ADHD in which symptoms of inattention predominate, while symptoms of hyperactivity or impulsivity are less prominent or absent... 7021478ab9

Dextroamphetamine dimesylate (Vyvanse) to dextroamphetamine base is 29. Dextroamphetamine is generally regarded as the prototypical stimulant. It is also used illicitly to enhance cognitive and athletic performance, and recreationally as an aphrodisiac and euphoriant. 5%. It Dextroamphetamine is a central nervous system (CNS) stimulant and enantiomer of amphetamine that is used in the treatment of attention deficit hyperactivity disorder (ADHD) and narcolepsy. Another pharmaceutical that contains dextroamphetamine is commonly known by the brand name Adderall 7021478ab9

Norepinephrine transporter Dextroamphetamine (Dexedrine, Dextrostat), Adderall, methylphenidate (Ritalin, Metadate, Concerta, Daytrana), and lisdexamfetamine (Vyvanse) block reabsorption of the The norepinephrine transporter, or more precisely sodium-dependent norepinephrine transporter (NET), also known as noradrenaline transporter, or more precisely sodium-dependent noradrenaline transporter (NAT), is a protein that in humans is encoded by the solute carrier family 6 member 2 (SLC6A2) gene 7021478ab9

Adderall It is also used as an athletic performance enhancer, cognitive enhancer, appetite suppressant, and recreationally as a euphoriant. Such uses are illegal in many countries. Adderall is the brand name of a fixed-dose combination medication used for the treatment of attention deficit hyperactivity disorder (ADHD) and narcolepsy Adderall is the brand name of a fixed-dose combination medication used for the treatment of attention deficit hyperactivity disorder (ADHD) and narcolepsy. It is taken by mouth. It contains the amphetamines dextroamphetamine saccharate, amphetamine aspartate, dextroamphetamine sulfate, and amphetamine sulfate. It is a central nervous system (CNS) stimulant of the phenethylamine class 7021478ab9

== Gene == 7021478ab9

Chris Davis (baseball) for amphetamine; he asserted that he tested positive due to the use of Adderall, for which he previously had a "therapeutic use

exemption". He batted left-handed and threw right-handed. Davis missed Christopher Lyn Davis (born March 17, 1986), nicknamed "Crush Davis", is an American former professional baseball first baseman. He played in Major League Baseball (MLB) for the Texas Rangers and Baltimore Orioles. While primarily a first baseman throughout his career, Davis also spent time at designated hitter, third baseman, and outfielder 7021478ab9

Lisdexamfetamine Lisdexamfetamine, sold under the brand names Vyvanse (/ˈvaɪ. A prodrug of dextroamphetamine, lisdexamfetamine is taken by mouth. væns/, VY-vans) and Elvanse among others, is a stimulant medication that is used as a treatment for attention Lisdexamfetamine, sold under the brand names Vyvanse (, VY-vans) and Elvanse among others, is a stimulant medication that is used as a treatment for attention deficit hyperactivity disorder (ADHD) in both children and adults, and for moderate-to-severe binge eating disorder in adults. Its effects generally begin within 90 minutes and last for up to 14 hours 7021478ab9

Lisdexamfetamine is an inactive prodrug that is formed by the condensation of L-lysine, a naturally occurring amino acid, and dextroamphetamine. In the blood, peptidase enzymes reverse this process to release the... 7021478ab9

Amphetamine Amphetamine products such as Adderall, Vyvanse, and their Amphetamine is a central nervous system (CNS) stimulant that is used in the treatment of attention deficit hyperactivity disorder (ADHD) and narcolepsy; it is also used to treat binge eating disorder in the form of lisdexamfetamine. amphetamine used is the primary factor in determining the likelihood and severity of adverse effects. Amphetamine is also used as an athletic performance enhancer and cognitive enhancer, and recreationally as an aphrodisiac and euphoriant. Historically, it has been used to treat nasal congestion and depression. It is a prescription drug in many countries, and unauthorized possession and distribution of amphetamine are often tightly controlled due to the significant health risks associated with recreational use 7021478ab9

The American Academy of Pediatrics (AAP) recommends different treatment paradigms depending on the age of the person being treated. For those aged 4–5, the AAP recommends evidence-based parent- and/or teacher-administered behavioral interventions as first-line treatment, with the addition of methylphenidate if there is continuing moderate-to-severe functional disturbances. For those aged 6–11, the use of medication in combination with behavioral... 7021478ab9

Stimulant stimulants as of 2013 were lisdexamfetamine (Vyvanse), methylphenidate (Ritalin), and amphetamine (Adderall). They are used for various purposes, such as enhancing attention, motivation, cognition, mood, and physical activity. Common stimulants include caffeine, nicotine, cocaine , amphetamine, methamphetamine, methylphenidate, and modafinil. It was estimated in 2015 that the percentage Stimulants (also called a central nervous

system stimulant, psychostimulant, or colloquially an upper) are a class of psychoactive drugs that increase alertness. Some stimulants occur in nature while others are synthetic. The misuse or abuse of stimulants can have serious adverse health and social consequences, such as overdose, substance dependence, crime, and violent behavior. Some stimulants are subject to governmental regulation or prohibition because they can have adverse side effects including addiction, drug tolerance, drug withdrawal, psychosis, anxiety, insomnia, cardiovascular disease, and neurotoxicity 7021478ab9

Side effects of dextroamphetamine at therapeutic doses include elevated mood, decreased appetite, dry mouth, bruxism, headache, increased heart rate, insomnia, anxiety, and irritability, among others. At excessive doses, psychosis (i.e., hallucinations, delusions), addiction, and rapid muscle breakdown may occur. However, for individuals with pre-existing... 7021478ab9 Stimulants increase activity in the sympathetic nervous system. They often increase synaptic concentrations of excitatory neurotransmitters, particularly norepinephrine and dopamine. Other stimulants work by binding to the receptors of excitatory neurotransmitters (e.g., nicotine) or by blocking the activity of endogenous agents that promote... 7021478ab9 Davis attended Navarro Junior College and was selected by the Rangers in the fifth round of the 2006 MLB draft. He ascended quickly through the Rangers' minor league system, getting named their Minor League Player of the Year in 2007. He was called up in the middle of 2008 and had a strong start to his major league career. He was the Rangers' starting first baseman for 92 games in 2009 and hit 21 home runs, but a low batting average and his tendency to strike out left the Rangers dissatisfied with him. Because of this, the Rangers sent Davis back and forth between the minors and the majors over the next two years and left him off their playoff roster in 2010. On July 30, 2011, they traded him to the Orioles. 7021478ab9 In therapeutic doses, Adderall causes emotional and cognitive effects such as euphoria, change in sex drive, increased wakefulness, and improved cognitive control. At these doses, it induces physical effects such as a faster reaction time, fatigue resistance, and increased muscle strength. In contrast, much larger doses of Adderall can impair cognitive control, cause rapid muscle breakdown, provoke panic attacks, or induce psychosis (e.g., paranoia, delusions, hallucinations). The side effects vary widely among individuals but most commonly include insomnia, dry mouth, loss of appetite and weight loss. The routine use of Adderall at... 7021478ab9 The amphetamine molecule exists as two enantiomers, levoamphetamine and dextroamphetamine. Dextroamphetamine is the dextrorotatory, or 'right-handed', enantiomer and exhibits more pronounced effects on the central nervous system than levoamphetamine. Pharmaceutical dextroamphetamine sulfate is available as both a brand name and generic drug in a variety of dosage forms. Dextroamphetamine is sometimes prescribed as the inactive prodrug lisdexamfetamine. 7021478ab9 == Classification == 7021478ab9 NET is a monoamine transporter and is responsible for the sodium-chloride ( $\text{Na}^+/\text{Cl}^-$ )-dependent reuptake of extracellular norepinephrine (NE), which is also known as noradrenaline. NET can also reuptake extracellular dopamine

(DA). The reuptake of these two neurotransmitters is essential in regulating concentrations in the synaptic cleft. NETs, along with the other monoamine transporters, are the targets of many antidepressants and recreational drugs. In addition, altered NET availability is associated with ADHD. There is evidence that single-nucleotide polymorphisms in the NET gene (SLC6A2) may be an underlying factor in some of these disorders. 7021478ab9

Management of attention deficit hyperactivity disorder Based on two 2024 systematic reviews of the literature, FDA-approved medications and to a lesser extent psychosocial interventions have been shown to improve core ADHD symptoms compared to control groups (e. Non-stimulant Attention deficit hyperactivity disorder management options are evidence-based practices with established treatment efficacy for ADHD. g. amphetamine salts (Adderall, Mydayis), dextroamphetamine (Dexedrine, ProCentra), dextromethamphetamine (Desoxyn), and lisdexamfetamine (Vyvanse). Approaches that have been evaluated in the management of ADHD symptoms include FDA-approved pharmacologic treatment and other pharmaceutical agents, psychological or behavioral approaches, combined pharmacological and behavioral approaches, cognitive training, neurofeedback, neurostimulation, physical exercise, nutrition and supplements, integrative medicine, parent support, and school interventions. , placebo) 7021478ab9

Amphetamine was discovered as a chemical in 1887 by Lazăr Edeleanu, and then as a drug in the late 1920s. It exists as two enantiomers: levoamphetamine and dextroamphetamine. The first amphetamine pharmaceutical was Benzedrine. Pharmaceutical amphetamine is prescribed as racemic amphetamine, Adderall, dextroamphetamine, or lisdexamfetamine. Amphetamine increases monoamine and excitatory neurotransmission in the brain, with its most pronounced effects targeting the norepinephrine and dopamine neurotransmitter systems. 7021478ab9 The predominantly inattentive presentation is characterized by symptoms such as difficulty sustaining attention, procrastination, hesitation in task initiation, and frequent forgetfulness. Unlike the hyperactive-impulsive and combined presentations, individuals with ADHD-PI exhibit fewer or no symptoms of hyperactivity and impulsivity. Lethargy and fatigue may be reported, but ADHD-PI is distinct from cognitive disengagement syndrome (CDS), a separate construct characterized by sluggish cognitive tempo. 7021478ab9 Davis appeared in 31 games for the Orioles in 2011. In the lineup full-time in 2012, he hit... 7021478ab9 The norepinephrine transporter gene, SLC6A2 is located on human chromosome 16 locus 16q12.2. This gene is encoded by 14 exons. Based on the nucleotide and amino acid sequence, the NET transporter consists of 617 amino acids with 12 membrane... 7021478ab9 Historically, ADHD was not divided into presentations. Between 1987 and 1994, during the publication of the DSM-III-R, the disorder was classified as a single entity without subtypes. In the DSM-5, these subtypes were replaced with "presentations", reflecting that an individual's symptom profile can change over time. 7021478ab9 Common side effects of lisdexamfetamine include loss of appetite, anxiety,

diarrhea, trouble sleeping, irritability, and nausea. Rare but serious side effects include mania, sudden cardiac death in those with underlying heart problems, and psychosis. It has a high potential for substance abuse. Serotonin syndrome may occur if used with certain other medications. Its use during pregnancy may result in harm to the fetus, and use during breastfeeding is not recommended by the manufacturer as dextroamphetamine (its metabolite) can pass through the breastmilk. 7021478ab9

Substances poisonous to dogs The symptoms can range from simple irritation to digestion issues, behavioral changes, and even death. small amounts can be life-threatening to dogs. Examples are Concerta, Vyvanse, Adderall, and Dexadrine. The categories of common items ingested by dogs include food products, human medication, household detergents, indoor and outdoor toxic plants, and rat poison. Many cases of pet poisoning in the United States are Food products and household items commonly handled by humans can be toxic to dogs 7021478ab9

== Common signs of dog poisoning and exposure == 7021478ab9 In addition, some plants are toxic to dogs. Poisoning by contact happens most commonly with indoor plants when a dog gets the substance on their coat or muzzle.

These can cause... 7021478ab9 At therapeutic doses, amphetamine...

7021478ab9 The symptoms of poisoning vary depending on substance, the quantity a dog has consumed, the breed and size of the mammal. A common list of symptoms are digestion problems, such as vomiting, diarrhea, or blood in stool; bruising and bleeding gums, nose, or inside the ear canal; behavioral changes, such as lethargy, hyperactivity, and seizures; unusual items found in the dog's stool.If left in the vicinity, poisonous items can be swallowed by curious or hungry dogs. Uninformed pet owners have also been found to unintentionally poison their dogs by treating them with human medications or feeding them foods they can't metabolize. 7021478ab9

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