

****Adderall 5mg capsules contain a combination of amphetamine salts used to treat Attention Deficit Hyperactivity Disorder (ADHD) and narcolepsy. It is a central nervous system stimulant that enhances focus, attention, and impulse control.****

🧪 Chemical Composition

- ****Active Ingredients (per 5mg capsule):****
 - ***Dextroamphetamine Saccharate***
 - ***Amphetamine Aspartate Monohydrate***
 - ***Dextroamphetamine Sulfate***
 - ***Amphetamine Sulfate***
- These four salts are present in equal proportions, providing a balanced mix of ****amphetamine base****.

📋 Dosage & Administration

- ****Route:** Oral**
- ****Typical Adult Dosage:****
 - ***ADHD:* Start with 5 mg once or twice daily; may increase by 5 mg increments weekly**
 - ***Narcolepsy:* 5-60 mg/day in divided doses**
- ****Pediatric Dosage (6+ years):****
 - Start with 5 mg once or twice daily; adjust based on response
- ****Administration Tips:****
 - Take in the morning to avoid insomnia
 - Can be taken with or without food
 - Do not crush or chew extended-release capsules

🏥 Medical Uses

- ****Primary Indications:****
 - ***Attention Deficit Hyperactivity Disorder (ADHD)***
 - ***Narcolepsy***
- ****Mechanism of Action:****
 - Increases levels of dopamine and norepinephrine in the brain
 - Enhances alertness, attention, and executive function

⚠️ Side Effects

- ****Common:****
 - Insomnia
 - Dry mouth
 - Loss of appetite
 - Increased heart rate
 - Anxiety or restlessness

- **Serious:****
- High blood pressure
 - Heart palpitations
 - Mood changes (agitation, aggression)
 - Risk of dependence or abuse
 - Growth suppression in children (with long-term use)

⚠ Risks & Precautions

- ****Contraindications:****
 - Advanced arteriosclerosis
 - Cardiovascular disease
 - Hyperthyroidism
 - Glaucoma
 - History of drug abuse
 - Use with MAO inhibitors
- ****Pregnancy & Breastfeeding:****
 - Use only if benefits outweigh risks; may affect fetal development
- ****Drug Interactions:****
 - MAO inhibitors, SSRIs, antacids, and antihypertensives
- ****Monitoring:****
 - Blood pressure, heart rate, growth in children, and signs of misuse

💬 Patient Feedback & Complaints

- **Positive Feedback:****
- Improved focus and productivity
 - Effective symptom control for ADHD
 - Enhanced alertness in narcolepsy
- **Common Complaints:****
- Jitteriness or anxiety
 - Sleep disturbances
 - Appetite suppression
 - Concerns about dependency and withdrawal
 - Insurance or availability issues

📄 Summary Table

Category	Details
Drug Name	Adderall Capsule 5mg
Active Ingredients	Mixed amphetamine salts (equal parts of 4 amphetamine

salts)		
Use		ADHD, narcolepsy
Dosage		Start at 5 mg once or twice daily; adjust as needed
Common Side Effects		Insomnia, dry mouth, appetite loss, anxiety
Serious Risks		Heart issues, dependence, mood changes, growth suppression
Patient Feedback use		Effective; concerns about sleep, appetite, and long-term
Contraindications		Heart disease, glaucoma, drug abuse history, MAOI use

Sources:

- [Drugs.com - Adderall](<https://www.drugs.com/adderall.html>)
- [FDA Label - Adderall](https://www.accessdata.fda.gov/drugsatfda_docs/label/2007/011522s0401b1.pdf)
- [Medicover Hospitals - Adderall Overview](<https://www.medicoverhospitals.in/medicine/adderall>)
