

“Uppers”: Stimulants and Wakefulness Agents

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Khat



Ephedra



Caffeine

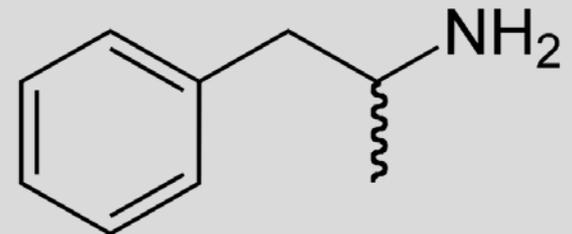


Stimulants--Amphetamine

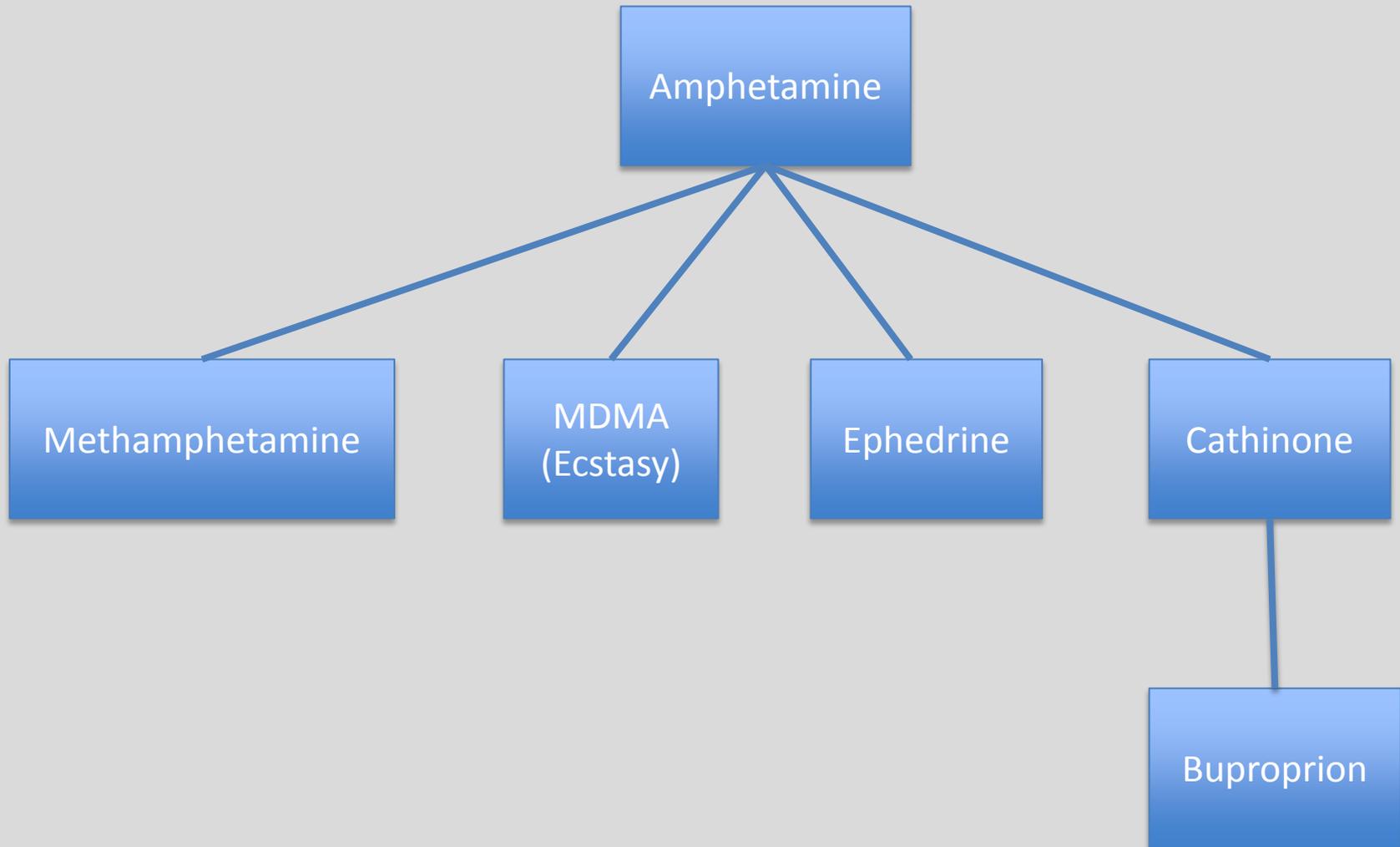
Releases Dopamine from vesicles + Dopamine reuptake inhibitor

Formulations

- Dextroamphetamine
 - Dexedrine
- Amphetamine Salts
 - Adderall
- Lisdexamfetamine
 - Vyvanse



Substituted Amphetamines



Methamphetamine

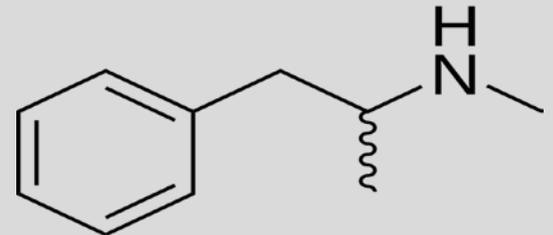
Levomethamphetamine

OTC decongestants

Dextromethamphetamine

Speed, Crank, Crystal

Neurotoxic



Methamphetamine



Stimulants--Methylphenidate

- Dopamine reuptake inhibitor
- Formulations
 - Racemic
 - Ritalin
 - Ritalin SR
 - Ritalin LA
 - Concerta
 - Isomer
 - Focalin (D-methylphenidate)

Attention Deficit Hyperactivity Disorder

- Inattention
 - And/or
- Hyperactivity/Impulsivity

≥ 6 sx's for ≥ 6 mos

Several sx's present before 12 yo

Several sx's present in ≥ 2 settings

Medications for ADHD

D-amphetamine	Dexedrine	tabs: 5, 10 mg
	Dexedrine	spansules 5, 10, 15 mg
Amphetamine salts	Adderall	tabs: 5, 7.5., 10, 12.5, 15, 20, 30 mg
D-methamphetamine	Desoxyn	tab: 5 mg
Methylphenidate	Ritalin	tabs: 5, 10, 15 mg
	Methylin	tabs chewable: 2.5, 5, 10 mg
	Ritalin SR	tabs: 20 mg
	Ritalin LA	capsules: 10, 20, 30, 40 mg
	Metadate ER	tabs: 10, 20 mg
	Metadate CD	capsules: 10, 20, 30 mg
	Concerta	tabs: 18, 27, 36, 54 mg
	Daytrana	transdermal patch: 10, 15, 20, 30 mg/9 hours
Dexmethylphenidate	Focalin	tabs: 2.5, 5, 10 mg
	Focalin XR	capsules: 5, 10, 20 mg
Atomoxetine	Strattera	capsules: 10, 18, 25, 40, 60, 80, 100 mg
Modafanil	Provigil	tabs: 100, 200 mg
Bupropion	Wellbutrin	tabs: SR 100, 150, 200; XL 150, 300

Excessive Daytime Sleepiness/Fatigue

Narcolepsy

Depression

AIDS

Psycho-stimulants

Non-Stimulant Wakefulness Agents

- Modafanil (Provigil)
- Armodafanil (Nuvigil)