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Dexmethylphenidate

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Generic Name

Dexmethylphenidate

Brand Name

Focalin, Focalin XR

Class

ADHD agents; stimulants

Proposed Mechanism(s) of Action

Dexmethylphenidate facilitates the release and blocks the reuptake of both norepinephrine and dopamine.

Indication

Attention-deficit hyperactivity disorder.

Off-Label Use

Narcolepsy and depression (treatment-resistant).

Side Effects

Serious

Psychotic episodes, seizures, neuroleptic malignant syndrome, hypomania, mania, and possible suicidal ideation.

Common

Insomnia, irritability, tremor, anxiety, and tics (exacerbation, dizziness, anorexia, blurred vision).

References and Readings

Physicians' Desk Reference (71st ed.). (2017). Montvale: Thomson PDR.

Stahl, S. M. (2007). *Essential psychopharmacology: The prescriber's guide* (2nd ed.). New York: Cambridge University Press.

Additional Information

Drug Interaction Effects: http://www.drugs.com/drug_interactions.html.

Drug Molecule Images: <http://www.worldofmolecules.com/drugs/>.

Free Drug Online and PDA Software: www.epocrates.com.

Free Drug Online and PDA Software: www.medscape.com.

Gene-Based Estimate of Drug interactions: <http://mhc.daytondc.com:8080/cgi-bin/ddiD4?ver=4&task=getDrugList>.

Pill Identification: http://www.drugs.com/pill_identification.html.