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Chlorpromazine

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Generic Name

Chlorpromazine

Brand Name

Thorazine

Class

Conventional antipsychotic

Proposed Mechanism(s) of Action

Blocks dopamine 2 receptors, dopamine D2, histamine H1, and cholinergic M1 blockade in the vomiting center (area postrema)

Indication

Schizophrenia, nausea, vomiting, restlessness before surgery, manic episodes of bipolar disorder, and tetanus

Off-Label Use

Bipolar disorder

Side Effects

Serious

Neuroleptic malignant syndrome, jaundice, agranulocytosis, and seizures

Common

Neuroleptic-induced deficit syndrome, akathisia, extrapyramidal symptoms, priapism, and amenorrhea

References and Readings

Physicians' desk reference (62nd ed.). (2007). 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
Gene-Based Estimate of Drug interactions. <http://mhc.daytondes.com:8080/cgi-bin/ddiD4?ver=4&task=getDrugList>

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