

Generic Name: Phenytoin	Brand Name: Dilantin, Phenytek
Classification: Anticonvulsant/ Hydantoin	Indications: Epilepsy (seizure disorder) Arrhythmia Trigeminal neuralgia (severe facial pain)
Side effects/ Adverse reaction: Drowsiness Dizziness Headache Nausea/vomiting Constipation Slurred speech Difficulty in coordination Abnormal involuntary movements	Nursing Considerations Administer with food to minimize gastrointestinal irritation Monitor serum levels regularly to avoid toxicity Do not mix with other medications, particularly with other anticonvulsants Assess the patient's history of liver, kidney, or cardiovascular problems Caution in patients with a history of drug allergy, bone marrow depression, or alcoholism

Generic Name: Phenobarbital	Brand Name: Luminal
Classification: Barbiturate anticonvulsant	Indications: Seizures, epilepsy, and as a sedative
Side effects/ Adverse reaction: Dizziness, drowsiness, confusion, agitation, constipation, and respiratory depression	Nursing Considerations Monitor for signs of overdose, including respiratory depression and CNS depression. Assess for drug interactions, especially with other CNS depressants.

Generic Name: Diazepam	Brand Name: Valium
Classification: Benzodiazepine anticonvulsant, anxiolytic, and sedative	Indications: Seizures, anxiety, and as a sedative
Side effects/ Adverse reaction: Dizziness, drowsiness, confusion, ataxia, and respiratory depression	Nursing Considerations Monitor for signs of overdose, including respiratory depression and CNS depression. Assess for drug interactions, especially with other CNS depressants.

Generic Name: Valproic acid	Brand Name: Valproic acid
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Classification: Anticonvulsant and mood stabilizer	Indications: Seizures, bipolar disorder, and migraine prophylaxis
Side effects/ Adverse reaction: Nausea, vomiting, abdominal pain, tremors, weight gain, and hepatotoxicity	Nursing Considerations Monitor liver function tests, especially in the first 6 months of treatment. Assess for drug interactions, especially with other drugs metabolized by the liver.

Generic Name: Carbamazepine	Brand Name: Tegretol
Classification: Anticonvulsant and mood stabilizer	Indications: Seizures, bipolar disorder, and trigeminal neuralgia
Side effects/ Adverse reaction: Dizziness, drowsiness, nausea, vomiting, ataxia, and hyponatremia	Nursing Considerations Monitor sodium levels, especially in elderly patients or patients on fluid-restricted diets. Assess for drug interactions, especially with other drugs metabolized by the liver.

Generic Name: Carbidopa-levodopa	Brand Name: Sinemet
Classification: Antiparkinsonian Agent	Indications: Parkinson's disease, Parkinsonian symptoms, and restless leg syndrome.
Side effects/ Adverse reaction: Nausea, vomiting, dyskinesia, hypotension, confusion, hallucinations, dysrhythmias	Nursing Considerations Monitor for signs of Parkinson's disease, monitor for adverse effects, assess for suicidal tendencies, monitor vital signs

Generic Name: Benztropine	Brand Name: Cogentin
Classification: Antiparkinsonian Agent, Anticholinergic	Indications: Parkinson's disease, Parkinsonian symptoms, and extrapyramidal side effects caused by certain medications.
Side effects/ Adverse reaction:	Nursing Considerations

Dry mouth, constipation, blurred vision, tachycardia, confusion, hallucinations	Assess for Parkinson's disease symptoms, monitor for adverse effects, monitor vital signs, provide oral hygiene
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Generic Name: Bethanechol	Brand Name: Urecholine
Classification:Cholinergic Agent	Indications: urinary retention and gastroesophageal reflux disease (GERD).
Side effects/ Adverse reaction: Abdominal cramps, nausea, vomiting, diarrhea, hypotension, bradycardia, bronchoconstriction	Nursing Considerations Assess for urinary retention, monitor for adverse effects, monitor vital signs, instruct patient to report symptoms of adverse effects

Generic Name: Pyridostigmine	Brand Name: Mestinon
Classification:Cholinergic Agent	Indications: myasthenia gravis, nerve agent poisoning, and reversal of neuromuscular blocking drugs.
Side effects/ Adverse reaction: Abdominal cramps, diarrhea, nausea, vomiting, hypotension, bradycardia, bronchoconstriction, sweating	Nursing Considerations Assess for myasthenia gravis symptoms, monitor for adverse effects, monitor vital signs, instruct patient to report symptoms of adverse effects

Generic Name: Atropine	Brand Name: Atropen, Isopto Atropine, AtroPen Auto-Injector
Classification:Anticholinergic Agent	Indications: bradycardia, preoperative medication, antispasmodic, and treatment of certain types of poisoning.
Side effects/ Adverse reaction:	Nursing Considerations

Dry mouth, blurred vision, constipation, tachycardia, urinary retention, confusion, hallucinations

Assess for symptoms that require anticholinergic therapy, monitor for adverse effects, monitor vital signs, provide oral hygiene