

### Hydrochlorothiazide

Brand/Generic name: Hydrochlorothiazide

Classification: Thiazide diuretic

Indications: Hypertension, edema, congestive heart failure

Nursing considerations: Monitor blood pressure, electrolytes, and renal function. Monitor for signs of hypokalemia. Advise the patient to take the medication in the morning to avoid nocturia.

Adverse effects: Hypokalemia, hyperglycemia, hyperlipidemia, dehydration, electrolyte imbalances, dizziness, headache, and photosensitivity.

### Spironolactone

Brand/Generic name: Aldactone / Spironolactone

Classification: Potassium-sparing diuretic

Indications: Hypertension, edema, congestive heart failure, hyperaldosteronism

Nursing considerations: Monitor blood pressure, electrolytes, and renal function. Monitor for signs of hyperkalemia. Avoid using salt substitutes. Inform the patient about the possible risk of gynecomastia and menstrual irregularities.

Adverse effects: Hyperkalemia, gynecomastia, menstrual irregularities, dehydration, electrolyte imbalances, dizziness, headache, and nausea.

### Mannitol

Brand/Generic name: Osmitol / Mannitol

Classification: Osmotic diuretic

Indications: Cerebral edema, intraocular pressure, oliguria, acute renal failure

Nursing considerations: Monitor fluid balance, electrolytes, and renal function. Administer through a filter. Use with caution in patients with heart failure or pulmonary edema.

Adverse effects: Fluid and electrolyte imbalances, hypernatremia, dehydration, hypotension, headache, nausea, and vomiting.

### Oxybutynin Chloride

Brand/Generic name: Ditropan / Oxybutynin

Classification: Antimuscarinic agent, antispasmodic

Indications: Overactive bladder, urinary incontinence

Nursing considerations: Monitor for signs of urinary retention. Advise the patient to avoid alcohol and other sedatives. Inform the patient about the possible risk of anticholinergic effects, such as dry mouth, blurred vision, constipation, and confusion.

Adverse effects: Dry mouth, blurred vision, constipation, confusion, urinary retention, and dizziness.

### Phenazopyridine

Brand/Generic name: Pyridium / Phenazopyridine

Classification: Urinary analgesic

Indications: Painful urination, urinary tract infections

Nursing considerations: Administer with or after meals. Monitor renal function. Inform the patient about the possible risk of urine discoloration and staining.

Adverse effects: Urine discoloration, gastrointestinal upset, headache, and dizziness.

### Finasteride

Brand/Generic name: Propecia, Proscar / Finasteride

Classification: 5-alpha-reductase inhibitor

Indications: Benign prostatic hyperplasia, male pattern baldness

Nursing considerations: Monitor prostate-specific antigen (PSA) levels. Avoid contact with crushed or broken tablets by pregnant women. Inform the patient about the possible risk of sexual dysfunction.

Adverse effects: Erectile dysfunction, decreased libido, breast tenderness or enlargement, and depression.

### Fluoxetine

Brand Name: Prozac

Generic Name: Fluoxetine

Classification: Selective serotonin reuptake inhibitor (SSRI)

Indications: Major depressive disorder, obsessive-compulsive disorder, bulimia nervosa, panic disorder, and premenstrual dysphoric disorder.

Nursing Considerations: Monitor for suicidal ideation, changes in mood, and adverse effects such as serotonin syndrome or hyponatremia. Advise the patient to avoid abrupt discontinuation of the medication and to report any adverse effects immediately.

Adverse Effects: Nausea, vomiting, diarrhea, sexual dysfunction, headache, insomnia, and weight gain.

### Amitriptyline

Brand Name: Elavil

Generic Name: Amitriptyline

Classification: Tricyclic antidepressant (TCA)

Indications: Major depressive disorder, neuropathic pain, and migraines.

Nursing Considerations: Monitor for suicidal ideation, changes in mood, and adverse effects such as sedation or anticholinergic effects. Caution with patients who have cardiac conduction abnormalities or seizures.

Adverse Effects: Dry mouth, constipation, blurred vision, urinary retention, weight gain, and orthostatic hypotension.

### Lithium

Brand Name: Eskalith, Lithobid

Generic Name: Lithium

Classification: Mood stabilizer

Indications: Bipolar disorder and major depressive disorder.

Nursing Considerations: Monitor serum lithium levels, kidney function, and thyroid function regularly. Advise the patient to maintain consistent salt and fluid intake to avoid dehydration or electrolyte imbalances. Caution with patients who have cardiovascular or renal disease.

Adverse Effects: Tremors, polyuria, weight gain, hypothyroidism, gastrointestinal disturbances, and neurotoxicity.

### Haloperidol

Brand Name: Haldol

Generic Name: Haloperidol

Classification: Typical antipsychotic

Indications: Schizophrenia, mania, and delirium.

Nursing Considerations: Monitor for extrapyramidal symptoms, neuroleptic malignant syndrome, and QT prolongation. Caution with patients who have Parkinson's disease or seizures.

Adverse Effects: Sedation, extrapyramidal symptoms, hyperprolactinemia, orthostatic hypotension, and tardive dyskinesia.