Set 7 (61-70) Generic thiazide hydrochlorothiazide (Brand Microzide)

Classification: Thiazide diuretic

Indication: Hypertension, Edema, CHF, Cirrhosis of liver, kidney disorders

S/E & adverse reactions: Hypokalemia, hyponatremia, hypochloremia, Hypercalcemia, frequent urination, GI upset, CNS complications, hypovolemia, Dizziness, vertigo, orthostatic hypotension, nausea, anorexia, vomiting, dry mouth, diarrhea, nocturia, muscle cramps or spasms

Nursing considerations:

- Contraindications: Anuria, hypersensitivity to hydrochlorothiazide or other thiazides, sulfonamide derivative, cautious → systemic lupus erythematosus (SLE), gout, liver disease, hyperparathyroidism, bipolar disorder, pregnancy (if used too much), lactation
- Monitor BP, daily weight, fluid intake & output, electrolytes especially potassium
- Assess for s/s of hypokalemia: muscle spasms & weakness
- Check blood glucose levels often
- Know if pt has gouty arthritis

Generic: Spironolactone (Brand: Aldactone)

Classification: Potassium sparing diuretic

Indication: Hyperaldosteronism (in cirrhosis of liver), nephrotic syndrome, HF, adrenal hyperplasia, HTN, Treatment or prevention of hypokalemia

S/E & adverse reactions: Dizziness, headache, rash, drowsiness, cramping, diarrhea, hyperkalemia, hirsutism, gynecomastia, deepening of voice, irregular menses

Nursing considerations:

- Contraindications: Hyperkalemia, Addisons disease (chronic adrenal insufficiency), being administered other potassium sparing diuretics, hypersensitivity, notoriously during pregnancy
- Assess skin frequently for rash during therapy
- Stevens-Johnson syndrome or toxic epidermal necrolysis may develop - Treat symptomatically
- Monitor I&O & daily weight
- Monitor & assess BP b/f admin.
- Assess for hyperkalemia
- Monitor BUN, creatinine, & electrolytes
- Periodic EKGs may be recommended

Generic: mannitol (Brand: Osmitrol)

Classification: osmotic diuretic

Indication: ↑ intracranial pressure, acute renal failure, acute glaucoma, also ↓ intracranial pressure, oliguric phase of renal failure, promote toxic substances through kidneys

S/E & adverse reactions: hypotension, GI upset, fluid & electrolyte imbalances, dizziness, headache, rash, nausea, anorexia, dry mouth, thirst, diuresis,

Nursing considerations:

- Contraindications: Renal disease, anuria, severe renal disease, pulmonary congestion, intracranial bleeding, HF, pregnancy
- Monitor electrolytes, CV, & hemo system
- Pt edu: notify RCP if you feel burning, pain, or swelling around IV site, get up slowly
- Administer slowly
- If manifestations of HF (weakness, fatigue, neck veins, or weight gain) stop

Generic: oxybutynin chloride (Brand: Ditropan XL)

Classification: Anticholinergics/Antimuscarinics

Indication: Relief of bladder instability, Treat overactive bladder

S/E & adverse reactions: CNS effects → blurred vision, pupil dilation, photophobia, cycloplegia, ↑ intraocular pressure, dry mouth, constipation

Nursing considerations:

- Contraindications: Hypersensitivity, angle-closure glaucoma, urinary retention, hepatic & renal insufficiency
- Monitor I&O & voiding
- Monitor distention
- Catherization used to assess post void residuals
- Pt edu: take as directed & missed doses asap may cause drowsiness, avoid alcohol or other CNS depressants, stop med & call provider if swelling of hands, feet, or face & throat

Generic: Phenazopyridine (Brand: Baridium, Azo-Standard)

Classification: urinary tract analgesics

Indication: Symptomatic relief of the discomforts associated w/ urinary tract trauma & infection

S/E & adverse reactions: Headache, rash, yellowish tinge to skin, sclera, urine, & GI disturbances

Nursing considerations:

- Contraindications: Acute kidney injury, & chronic kidney disease, hypersensitivity
- Assess pt urgency, frequency, & pain on urination prior to & throughout therapy
- Pt edu: will change color of urine to a orange-red color, urine can stain clothes, Instruct client to take it w/ or after meals to minimize GI discomfort

Generic: finasteride (Brand: Proscar)

Classification: 5-alpha reductase inhibitor

Indication: Treatment of Benign Prostatic Hyperplasia (BPH)

S/E & adverse reactions: Impotence, ↓libido, abdominal upset, gynecomastia

Nursing Considerations:

- Contraindications: Hypersensitivity, caution → hepatic or renal dysfunction, pregnancy
- Monitor BPH signs → difficulty starting a urine stream, painful urination, weak urine flow, feeling the bladder is not completely empty, nocturia, and urge to urinate again soon after urinating
- Pt edu: instruct pt to keep taking meds as prescribed even if symptoms improve, inform pt that volume of ejaculation may ↓, emphasize the importance of follow-up exams

Generic — Brand

Fluoxetine (Prozac)

Classification: Selective serotonin reuptake inhibitors (SSRIs)

Indication: Treatment of depression, bulimia, OCDs, panic disorders, PMDD in adults, treatment of other psychiatric disorders, obesity, alcoholism, chronic pain, & various neuropathies

S/E & adverse reactions: Headache, nervousness, insomnia, drowsiness, anxiety, tremor, dizziness, sweating, rash, nausea, vomiting, diarrhea, dry mouth, anorexia, sexual dysfunction, upper respiratory infections, weight loss, fever

Nursing Considerations:

- Contraindications: hypersensitivity, caution → renal or hepatic dysfunction, severely depressed or suicidal pts especially children, adolescents, and young **adults**. Pregnancy
- Monitor insomnia & nervousness, headache & worsening intensity, serum sodium, ↑ depression, difficulty concentrating, confusion, hallucinations STOP drug

amitriptyline (Generic)

Classification: Tricyclic Antidepressants

Indication: Depression, Anxiety & sleep disturbances, Chronic pain, OCDs

S/E & adverse reactions: CNS effects, sedation, sleep disturbances, fatigue, hallucinations, disorientation, visual disturbances, difficulty concentrating, weakness, ataxia, tremors

Nursing considerations:

- Contraindications: Hypersensitivity, MI, recent myelography,

use of MAOI, pregnancy & lactation

- Monitor V/S, ↑ depression & suicidal
- Initiate suicide precautions when appropriate
- Take @ bedtime b/c drowsiness
- Urinate b/f taking daily dose
- Chew on gum, hard candy, or sip on water to prevent dry mouth
- Report feelings of self-harm
- Don't stop taking drug abruptly

Generic (Brand)

lithium (Lithobid)

Classification: Antimanic agent

Indication: Treat manic episodes of manic-depressive or bipolar illness, induced neutropenia & as prophylaxis of cluster headaches & migraine headaches. not recommended for children <12 years old.

S/E & adverse reactions: CNS problems, lethargy, slurred speech, muscle weakness, fine tremors, polyuria, gastric toxicity, nausea, vomiting, diarrhea progressing, CV collapse, coma, a/E of drug level

Nursing considerations:

- Contraindications: hypersensitivity, renal or cardiac disease, hx of leukemia, metabolic disorders, sodium depletion, dehydration, & diuretic use, preg, & lactation
- Assess lithium after meals to slow absorption from GI to ↓ a/E admin
- Monitor lithium levels
- Monitor EKG changes b/c potassium changes
- Monitor blood glucose in DM
- Monitor for lithium toxicity
- AVOID w/ haloperidol may cause encephalopathic syndrome: weakness, lethargy, confusion, tremors, leukocytosis (irreversible brain damage)

Generic: haloperidol (Brand: Haldol decanoate)

Classification: Antipsychotic

Indication: Acute psychiatric situations, schizophrenia, tourette syndrome

S/E & adverse reactions: CNS, seizures, confusion, drowsiness, restlessness, tardive dyskinesia, blurred vision, dry eyes, constipation,

Nursing considerations:

- Contraindications: CNS depression, circulatory collapse, Parkinsons disease, coronary disease, severe hypotension, bone marrow suppression, & blood dyscrasias, prolonged QTc interval, elderly (dementia), caution → anticholinergic effects
- Monitor signs of hypersensitivity, pulmonary symptoms (wheezing, dyspnea)
- Assess BP regularly & compare to baseline, report ↓BP especially if pt is dizzy or syncope
- Assess HR, EKG, especially during exercise