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Pharmacology

Name	Estradiol (delestrogen, divigel, elestrin, estrogel, estrace, estrasorb)
Classification	Estrogen Derivatives
Indication	Reduce Symptoms of Menopause
Side Effects/ Adverse Reactions	Abdominal cramping, anxiety, bloating, breakthrough bleeding, breast enlargement, breast tenderness/pain/swelling, depression, dry mouth, changes in menstrual periods, HTN, loss of scalp hair, muscle cramps
Nursing Considerations	Do not use it on pregnant women. Report vaginal bleeding. Can increase risk for blood clot, stroke, and heart attack

Name	Oxytocin (pitocin)
Classification	N/A
Indication	Precipitate labor
Side Effects/ Adverse Reactions	Dysrhythmias, irregular heart beat, CNS damage, jaundice, neonatal seizure, fetal death, fetal hypercapnia
Nursing Considerations	Monitor uterine activity because it can lead to uterine contractions in pregnant women

Name	Vardenafil (Levitra)
Classification	Phosphodiesterase Inhibitors
Indication	ED
Side Effects/ Adverse Reactions	Hives, difficulty breathing, swelling, chest pain or pressure, vision changes, vision loss, painful erection, hearing loss, irregular heartbeat, swelling in extremities, seizure, flushing, stuffy nose, sinus pain, head ache, upset stomach, back pain
Nursing Considerations	Take 30 minutes to 4 hours before sexual activity, for pulmonary HTN, take 3 times a day 4-6 hours apart

Name	sildenafil
Classification	Chest pain or pressure, pain spreading to your jaw or shoulder, n/v, vision changes, painful erection, SOB, foamy mucus cough, ringing in ears, irregular heartbeat, swelling in extremities, seizures, lightheadedness
Indication	ED, Pulmonary HTN
Side Effects/ Adverse Reactions	Phosphodiesterase Inhibitors
Nursing Considerations	Monitor BP, empty stomach an hour before sexual activity

Name	Lidocaine (syneram zingo, akten)
Classification	Anesthetics
Indication	Pain on skin like shingles
Side Effects/ Adverse Reactions	Hypotensions, swelling, edema, irritation on skin, nausea, vomiting, condusion, dizziness, headache, numbness, drowsiness, tremor
Nursing Considerations	Check concentration, remove first patch first then new one to ensure no overdose. For injections, avoid eating or chewing one hour after

Name	propranolol
Classification	Beta Blocker, Antidysrhythmic II
Indication	Migraine, angina, HTN
Side Effects/ Adverse Reactions	Lightheadedness, wheezing, trouble breathing, swelling, vision problems, loss of coordination, depression, confusion, hallucinations, nausea, upper stomach pain, itching, tired feeling, loss of appetite, dark urine, jaundice, headache
Nursing Considerations	Adverse effects, watch out for HB, bronchospasm, and HF. check BP and apical pulse before administration

Name	Amiodarone (cordarone, nexterone)
Classification	Antidysrhythmics III
Indication	Vfib, tachycardia
Side Effects/ Adverse Reactions	Increased Live AST or ALT levels, hypotension, dizziness, headache, malaise, impaired memory, loss of appetite, CHF, bradycardia, AV block, SA node dysfunction, hyperthyroidism
Nursing Considerations	EKG monitoring after initiating therapy. Can cause pulmonary toxicity and ARDS so check for lung sounds and other pulmonary studies

Name	Diltiazem (cardizem)
Classification	Caclium channel blocker
Indication	Angina, dysrthmias, afib, PSVT
Side Effects/ Adverse Reactions	Chest pain, bradycardia, lightheadedness, palpitations, swelling, rapid weight gain, SOB, rash
Nursing Considerations	Monitor patient carefully (BP, cardiac rhythm, & output), make sure therapeutic dose is maintained

Name	Adenosine (adenocard)
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Classification	Antidysrhythmics V
Indication	PSVT, stress testing diagnostics
Side Effects/ Adverse Reactions	Flushing, pain tightness, brief asystole, bradycardia, TDP, chest pain, heart attack, stroke, cough, hemoptysis, High blood pressure, lung failure, seizure, bradycardia
Nursing Considerations	Continue ECG, signs for adverse effects in arrhythmias,

Name	digoxin
Classification	Inotropic agent, antidysrhythmics
Indication	HF and reduce risk for blood clots, increase contractions
Side Effects/ Adverse Reactions	Overdose, hypokalemia, mental alteration, diarrhea, headache, nausea, vomiting, rash, loss of appetite, irregular heartbeat, arrhythmia, heart block, asystole, increased HR, visual disturbance
Nursing Considerations	Therapeutic range is 0.8-2 ng/mL. Monitor K+ b/c hypokalemia. Digoxin toxicity, DSFab should be ready