

estradiol (Estrace)	
Classification:	Indication:
Estrogen, progestins	menopause, inoperable breast cancer (selected cases), prostatic cancer, primary ovarian failure, prevention of osteoporosis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Dizziness, seizures • HTN, chest pain, edema, thromboembolism, stroke, pulmonary embolism, MI • Contact lens intolerance, eyelid edema • cholestatic jaundice, hepatic adenoma • increased risk of breast cancer, endometrial cancer, changes in libido; toxic shock • Folic acid deficiency, hypercalcemia, hyperglycemia 	<ul style="list-style-type: none"> • Contraindications: Pregnancy, breastfeeding, reproductive cancer, genital bleeding, protein S or C deficiency, antithrombin deficiency, angioedema, MI, stroke • Check weight weekly, report weight gain >5lbs, report adverse effects, avoid grapefruit, smoking cessation, do not take if pregnant, check blood glucose if diabetic

oxytocin (Pitocin, Syntocinon)	
Classification:	Indication:
Oxytocic	Stimulation, induction of labor; missed or incomplete abortion; postpartum bleeding
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Seizures, tetanic contractions • Hypo/hypertension, dysrhythmias, increased pulse, bradycardia, tachycardia, PVC • Fetus: dysrhythmias, jaundice, hypoxia, intracranial hemorrhage • Abruptio placentae, decreased uterine blood flow • hyperbilirubinemia • Asphyxia • Water intoxication of mother 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity, serum toxemia, cephalopelvic disproportion, fetal distress, hypertonic uterus, prolapsed umbilical cord, active genital herpes • report increased blood loss, abdominal cramps, fever, foul-smelling lochia, nausea, blurred vision, itching, swelling; contractions will feel like menstrual cycle and will intensify

vardenafil (Levitra, Staxyn)

Classification:	Indication:
Erectile dysfunction agent	Treatment of erectile dysfunction
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Dizziness, seizures • Hypertension, MI, CV collapse, chest pain • diminished vision, glaucoma, hearing loss • Abnormal ejaculation • NAION (nonarteritic ischemic optic neuropathy), dyspepsia • Rhinitis, sinusitis, dyspnea, pharyngitis, epistaxis 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity, coadministration of α-blockers or nitrates, renal failure, congenital or acquired QT prolongation • Does not protect from STDs, product absorption is reduced with high-fat meal, do not use with nitrates, stop taking and report vision loss, take 1 hour before sexual activity, inform physician rx's taken

sildenafil (Revatio, Viagra)

Classification:	Indication:
Erectile agent, antihypertensive, pulmonary vasodilator	Treatment of erectile dysfunction, improvement in exercise ability, pulmonary hypertension Unlabeled uses: Sexual dysfunction (women); altitude sickness, Raynaud's disease
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Dizziness, global amnesia, seizures • MI, sudden death, CV collapse, TIAs, ventricular dysrhythmias, CV hemorrhage • nonarteritic ischemic optic neuropathy, sickle cell crisis, abnormal vision 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity to this product or nitrates • Take on an empty stomach, take 30 mins to 4 hours before sexual activity, do not take with nitrates or soluble guanylate cyclase stimulator, report vision or hearing loss, tabs can be split, use as directed, color vision might be altered, cardiac risk with pts w/ cardiac disease

lidocaine (LidoPen Auto-Injector, Xylocaine, Xylocard)	
Classification:	Indication:
Antidysrhythmic (Class Ib)	V-tach, ventricular dysrhythmias during cardiac surgery, digoxin toxicity, cardiac catheterization Unlabeled uses: endotracheal tube suctioning
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Dizziness, tremors, seizures • Hypotension, bradycardia, heart block, CV collapse, cardiac arrest • Methemoglobinemia • Dyspnea, respiratory depression 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity to amides, severe heart block, supraventricular dysrhythmias, Adams-Stokes syndrome, Wolff-Parkinson-White syndrome • Teach about the use, immediately report signs of toxicity

propranolol (brand name)	
Classification:	Indication:
Antihypertensive, antianginal, antidysrhythmic (class II)	Chronic stable angina pectoris, hypertension, supraventricular dysrhythmias, migraine prophylaxis, essential tremor, acute MI
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Dizziness, lethargy, • Hypotension, bradycardia, HY, palpitations, AV block, pulmonary edema, dysrhythmias, cold extremities • laryngospasm, blurred vision • dry mouth, gastric pain • Agranulocytosis, thrombocytopenia • Stevens-Johnson syndrome, toxic epidermal necrolysis • Bronchospasm, dyspnea 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity to this product; cardiogenic shock, AV heart block; bronchospastic disease; sinus bradycardia; bronchospasm; asthma • Do not stop rx abruptly, avoid OTCs and alcohol, avoid hazardous activity if dizzy, monitor blood glucose, change positions slowly, cold sensitivity may occur, teach pt how to take BP and pulse, withhold if BP: 90 mmHg (systolic) and <50 bpm

amiodarone (Cordarone, Nexterone, Pacerone)

Classification:	Indication:
Antidysrhythmic (class III)	Unstable V-tach, v-fib, SVT Unlabeled uses: a-fib, atrial flutter, cardiac arrest, CPR, HF, PSVT, WPW syndrome
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Hypotension, bradycardia, sinus arrest, HF, dysrhythmias, SA node dysfunction, AV block, increased defibrillation energy requirement • Hepatotoxicity • toxic epidermal necrolysis, pancreatitis • Pulmonary fibrosis/toxicity, pulmonary inflammation, ARDS; gasping syndrome if used with neonates 	<ul style="list-style-type: none"> • Contraindications: Pregnancy, breastfeeding, neonates, infants, severe sinus node dysfunction, hypersensitivity to this product/iodine/benzyl alcohol, cardiogenic shock, 2nd- to 3rd-degree AV block, bradycardia • Take as prescribed, try not to miss dose, do not stop taking abruptly, do not take with drugs or herbs w/o prescriber approval, avoid grapefruit, use sunscreen, skin discoloration is reversible, report vision changes, weight change, rash, blistering, numbness, temperature intolerance

diltiazem (Cardizem, Cartia XT, Taztia XT, Tiazac)

Classification:	Indication:
Calcium channel blocker, antiarrhythmic class IV, antihypertensive	PO: angina pectoris due to coronary artery spasm, hypertension, improvement in exercise tolerance (chronic stable angina), IV: atrial fibrillation, flutter, paroxysmal supraventricular tachycardia Unlabeled uses: Unstable angina, proteinuria, cardiomyopathy, diabetic neuropathy
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Tremors, paresthesia • Dysrhythmia, edema, HF, bradycardia, hypotension, palpitations, heart block • Increased LFTs • Nocturia, polyuria, acute renal failure • Stevens-Johnson syndrome • Rhinitis, dyspnea, pharyngitis 	<ul style="list-style-type: none"> • Contraindications: Sick sinus syndrome, AV heart block, hypotension <90 mm Hg systolic, acute MI, pulmonary congestion, cardiogenic shock • Teach pt how to take BP and pulse and keep a record, avoid hazardous activities until dizziness is no longer present, limit caffeine intake, avoid grapefruit and OTCs, must have a diet, exercise, stress reduction regimen, report dizziness, SOB, palpitations, rash, nausea, headache,

	swelling of face or hands, do not stop taking abruptly, use sunscreen, do not take if pregnant or breastfeeding
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adenosine (Adenocard, Adenoscan)	
Classification:	Indication:
Antidysrhythmic	SVT, as a diagnostic aid to assess myocardial perfusion defects in CAD, Wolff-Parkinson-White syndrome Unlabeled uses: Wide-complex tachycardia diagnosis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • dizziness, arm tingling, numbness • Chest pain, pressure, atrial tachydysrhythmias, sweating, palpitations, hypotension, facial flushing, AV block, cardiac arrest, ventricular dysrhythmias, atrial fibrillation • metallic taste • Dyspnea, chest pressure, hyperventilation, bronchospasm 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity, 2nd- or 3rd-degree AV block, sick sinus syndrome, bradycardia • report facial flushing, dizziness, sweating, palpitations, chest pain; chest pressure may occur, report IV discomfort, do not take if pregnant or breastfeed

digoxin (Toloxin, Digitek, Lanoxin)	
Classification:	Indication:
Cardiac glycoside, inotropic, antidysrhythmic	Heart failure, atrial fibrillation/flutter Unlabeled uses: Paroxysmal supraventricular tachycardia (PSVT) treatment/prophylaxis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • disorientation • Dysrhythmias, hypotension, bradycardia, AV block • Blurred vision, yellow-green halos 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity to digoxin, ventricular fibrillation, ventricular tachycardia • do not stop taking abruptly, take as prescribed and monitor heart rate (report alarming changes), avoid OTCs, do not take antacids within 2 hours after taking rx, report loss of appetite, lower stomach pain, diarrhea, weakness, drowsiness,

	<p>headache, blurred or yellow vision, rash, depression, toxicity; maintain a sodium-restricted diet, use one brand of rx consistently, notify prescriber if pregnant or trying, carry ID stating condition treated, products taken</p>
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