

## Care Plan Addendum: Black Box Warnings

*Procedure: Check off all medications ordered and watch for symptoms listed, notify the physician when clinically significant*

Medication	Black Box Warning (see PDR)	Watch for:
ACE or ARB      ** ONLY IF pregnant	If pregnant in 2nd or 3 <sup>rd</sup> trimester – avoid -> fetal harm	Birth defects
Actigall (ursodiol)	High rate of gallstone recurrence	Abd pain, nausea
Actiq (fentanyl transmucosal)	Not narcotic naïve	Respiratory depression
Amphetamines	Dependence, sudden death	Increased requests for med
Amiodarone	Pulmonary and hepatic toxicities	Sob, nausea, abd pain
Aminoglycosides	Renal and oto-toxicities	Nausea, hearing loss
Antiarrhythmics	Pro-arrhythmic, cardiac arrest	Dizziness, falls, angina
Antidepressants      ** ONLY IF <25 years old	↑ suicide risk in persons <25 years, ↓ in age >65	Suicide acts or verbalization
Antiretrovirals	Hematologic toxicities	Weakness, fever, infection
Antipsychotics, Compazine, Phenergan	Increased risk of death w/ dementia dx	TIA symptoms, chest pain
Avandia/Actos (pioglitazone)	Increased risk of negative cardiac events	Chest pain, weakness
Beta-blockers	Induced arrhythmia during abrupt cessation->taper	Chest pain, dizziness
Cellcept (mycophenolate)	Susceptibility to infection, lymphoma	Fever, infection, malaise
Chantix (varenicline)	Suicidality, neuropsychiatric sx	Agitation, mood or behavior changes
Cleocin (clindamycin)	Severe colitis	Diarrhea, abd pain
Clozaril (clozapine)	Agranulocytosis	Weakness, fever, infection
Coumadin (warfarin)	Bleeding risk	bleeding
Danocrine (danazol)	Peliosis hepatis, hepatic adenoma	Jaundice, hepatomegally
Dantrium (dantrolene)	Hepatotoxicity, monitor AST / ALT	GI pain, nausea, vomiting
Darvon/Darvocet (propoxyphene)	Fatalities with overdose	respiratory depression
Depakote / Depakene (valproic)	Hepatic toxicity	GI pain, nausea, vomiting
Diuretic-loop: Lasix, Bumex, Demadex	Water and electrolyte depletion	Weakness, arrhythmia, confusion
Diuretics – potassium sparing	hyperkalemia	Weakness, arrhythmia, malaise
Effiant (prasugrel)	Increased risk of bleeding; do not use w/CVA, TIA	Bruising, bleeding
Elidel (pimecrolimus)	Malignancies reported,	Pain, lumps, weakness
Ergotamine (Cafergot, Bellergal)	Peripheral ischemia w/erythro, protease inhibitors	Neuropathies, cold extremities
Erythropoietic agents	Increased MI, CVA, thrombosis, CA-head-neck risks	Chest pain, weakness,
Estrogens / progesterone	Endometrial cancer	Pain, malaise, abd pain
Eulexin (flutamide)	Hepatic injury	Pain, jaundice, abd pain
Felbatol (felbamate)	Aplastic anemia, hepatic failure	Fever, pain, jaundice, abd pain
Flagyl (metronidazole)	Carcinogenic in rats	Rats taking chemotherapy
Fluoroquinolone (Avelox Cipro Factive Floxin Levaquin, Maxaquin, Noroxin, Penetrex)	Risk of tendonitis and tendon rupture	Ambulation issues, pain
Forteo (terparatide)	Avoid use with osteosarcoma risk, Paget's, hi alk phos	Bone pain 2 <sup>nd</sup> to CA
Glucophage/Avandamet (metformin)	Lactic acidosis	Abd distress, malaise, myopathy
Guanethidine	Orthostatic hypotension	Dizziness, fainting
Hydrea (hydroxyurea)	Carcinogenic	Pain, weakness, malaise
Imuran (azathioprine)	Immunosuppression -> carcinogenic	Pain, weakness, malaise
Interferon	Aggravate neuropsychiatric, autoimmune, ischemic	Confusion, malaise
INH (isoniazid)	Hepatitis	jaundice, abd pain, nausea
LABAs- Advair, Brovana Foradil, Performist, Serevent, Symbicort	Asthma related deaths	Sob, dyspnea
Lamictal (lamotrigine)	Life threatening rash	Rash
Lithium (Eskalith, Lithobid) (2)	Monitor levels	Lithium levels, if ordered
Loniten (minoxidil)	Pericardial effusion, angina	Angina, weakness
Low molecular weight heparins (LMWH)	w/ spinal puncture -> increased bleeding risk	Watch for bleeding S+S
Mellaril (thioridazine)	QTc interval prolongation	Angina, weakness, dizziness
Methotrexate	pulm, bone marrow, diarrhea, ulcerative stomatitis	Diarrhea, fever, stomatitis,
Naltrexone (Revia, Vivitrol, Cesamet)	Hepatic damage w/doses >50mg/day	jaundice, abd pain, nausea
Narcotics – long-acting	Not narcotic naïve, chronic pain only, no PRN use	Resp depression
Neoral, Sandimmune (cyclosporin)	Physician experienced only	jaundice, abd pain, nausea
Nizoral (ketoconazole)	Hepatic toxicity	jaundice, abd pain, nausea
Nolvadex (tamoxifen)	CVA, PE, uterine malignancies	Confusion, chest pain, sob
NSAIDs, Celebrex (1+)	GI, bleeding + renal toxicities	Fainting, weakness,
Oxandrin (oxandrolone)	Peliosis hepatis, lipid changes	Jaundice, hepatomegally
Plaquenil (hydroxychloroquine)	Physician must be ware of all of PI	Visual disturbances
Plavix (clopidogrel)	May not be effective if CYP2c19 enzyme decreased	Thrombosis
Proamatine (midodrine)	Use only in severe impairment	Hypertension, headache
Procan (procainamide)	Development of positive ANA	Bradycardia, dizziness
Prograf (tacrolimus)	Increased infection + lymphoma risk	Fever, weakness, infection
Reglan (metoclopramide)	Risk for tardive dyskinesia	Tongue or jaw movements
Remicade (infliximab)	Opportunistic infections, TB	Fever, weakness, infection
Ritalin (methylphenidate)	Dependence, psychotic episodes	Increased request for med
Rapamune (sirolimus)	Increased infection + lymphoma risk	Fever, weakness, infection
Reglan (metoclopramide)	Risk of tardive dyskinesia	Tongue, jaw movements
Sporanox (itraconazole)	Contraindicated in heart failure, serious drug interaction	Nausea, weakness
Talwin (pentazocine)	Oral use only	Resp depression
Tasmar (tolcapone)	Liver failure	jaundice, abd pain, nausea
Tegretol (carbamazepine)	Aplastic anemia, agranulocytosis	Fever, weakness, infection
Thyroid, Synthroid (l-thyroxine)	Not used for weight loss	tachycardia, perspiration
Ticlid (ticlopidine)	Neutropenia, TTP,	Fever, weakness, infection
Wellbutrin, Aplenzin (bupropion)	Suicidality, neuropsychiatric sx	Agitation, mood or behavior changes
Zaroxolyn, Diulo (metolazone)	Mykrox + Zaroxolyn not equivalent	Weakness, arrhythmia, confusion

**Resident:**

