

Anti-Coagulation

Generic Name	Brand Name	Metabolizing Enzyme
WARFARIN	COUMADIN	CYP2C9*, VKORC1*

Tricyclic Anti-Depressants

AMITRIPTYLINE	VARIOUS BRAND NAMES	CYP2D6
CLOMIPRAMINE	ANAFRANIL	CYP2D6
DESIPRAMINE	NORPRAMIN	CYP2D6
DOXEPIN	SINEQUAN	CYP2D6*
IMIPRAMINE	TOFRANIL	CYP2D6
NORTRIPTYLINE	PAMELOR	CYP2D6
NORTRIPTYLINE	AVENTYL	CYP2D6

Anti-Psychotics and SSRI's

ARIPIRAZOLE	ABILIFY	CYP2D6*
FLUOXETINE	PROZAC	CYP2D6*
FLUOXETINE	SARAFEM	CYP2D6*
Maprotiline	Ludiomil	CYP2D6
PAROXETINE	PAXIL	CYP2D6
RISPERIDONE	RISPERDAL	CYP2D6*

Beta Blockers

Carvedilol	Coreg	CYP2D6
METOPROLOL	TOPROL-XL	CYP2D6*
METOPROLOL	LOPRESSOR	CYP2D6*
PROPANOLOL	VARIOUS BRAND NAMES	CYP2D6

Anti-Hyperglycemics

GLIMEPIRIDE	AMARYL	CYP2C9
GLIPIZIDE	GLUCOTROL	CYP2C9
GLYBURIDE	DIABETA	CYP2C9

Proton Pump Inhibitors

LANSOPRAZOLE	PREVACID	CYP2C19
OMEPRAZOLE	PRILOSEC	CYP2C19*
PANTOPROZOLE	PROTONIX	CYP2C19
RABEPRAZOLE	ACIPHEX	CYP2C19

NSAID's

CELECOXIB	CELEBREX	CYP2C9*
Ibuprofen	Advil	CYP2C9
Ibuprofen	Motrin	CYP2C9
Naproxen	Aleve	CYP2C9

Opioids

Codeine	Codeine Phosphate	CYP2D6
Dextromethorphan	Various Brand Names	CYP2D6

Anti-Epileptics

PHENYTOIN	DILANTIN	CYP2C9
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SNRI's

ATOMOXETINE	STRATTERA	CYP2D6*
VENLAFAXINE	EFFEXOR	CYP2D6*

OTHER DRUGS TO NOTE

DIAZEPAM	VALIUM	CYP2C19
Donepezil	Aricept	CYP2D6
Flecainide	Tambocor	CYP2D6
Fluvastatin	Lescol	CYP2C9
Hydrocodone	Various Brand Names	CYP2D6
Loratadine	Claritin	CYP2D6
Losartan	Cozaar	CYP2C9
Oxycodone	Oxycontin	CYP2D6
PROPANFENONE	RYTHMOL	CYP2D6*
Tamoxifen	Various Brand Names	CYP2D6
THEOPHYLLINE	VARIOUS BRAND NAMES	CYP1A2*
Tramadol	Ultram	CYP2D6

* Information regarding importance of genetic variability contained in manufacturer's product labeling.

Lower case - potential for less severe complications or potentially severe complications associated with drug-drug interactions.

ALL CAPS w/ BOLD - indicates potential for significantly increased risk of adverse events

IMPORTANT MESSAGE: Pharmacogenetic (PG) testing identifies patients who may have increased risk of side effects from drug accumulation (Poor and Intermediate Metabolizers, PM and IM) or lack of efficacy due to rapid drug elimination (Ultrarapid Metabolizers, UM). This knowledge can be used to minimize the chance of adverse reactions or therapeutic failure by guiding optimal selection and dosage of medications. Please contact the experts at PGXL for specific consultation.