

DRUG INTERACTIONS ASSOCIATED WITH TOBACCO SMOKING

MAY REQUIRE A DECREASE IN DOSE ON CESSATION OF SMOKING#

DRUG	COMMON BRAND NAMES
Alcohol**	
<u>Antidepressants</u> Amitriptyline** Clomipramine** Dothiepin Duloxetine** Fluvoxamine** Imipramine** Mirtazapine Nortriptyline**	Endep Anafranil, Placil Dothep, Prothiadin Cymbalta Luvox, Faverin, Movox, Voxam Tofranil Avanza, Axit, Mirtazon, Remeron Allegron
<u>Antihypertensives</u> Propranolol** Verapamil	Deralin, Inderal Anpec, Cordilox, Veracaps
<u>Antipsychotics</u> Chlorpromazine** Clozapine** Fluphenazine** Haloperidol** Olanzapine** Zuclopenthixol	Largactil Clozaril, Clopine Modecate Serenace, Haldol Zyprexa Clopixol
<u>Benzodiazepines</u> Diazepam** Alprazolam	Antenex, Ranzepam, Valium, Valpam Kalma, Ralozam, Xanax
Caffeine**	Coffee, tea, soft drinks
Carbamazepine	Tegretol, Teril
Flecainide	Tambacor, Flecatap
<u>H2 antagonists</u> Cimetidine Ranitidine	Tagamet, Magicul Zantac, Rani 2, Ranihexal, Ranital, Ranoxyl
Heparin	(Increased elimination when smoking. Smoking also has prothrombotic effects)
Insulin**	(Smoking may cause peripheral vasoconstriction which may slow Insulin absorption. May increase Insulin resistance. Insulin sensitivity improves on smoking cessation)
Theophylline**	Nuelin SR, Nuelin Syrup
Warfarin	Coumadin, Marevan
Zolpidem	Stilnox

** most significant interactions

#Please note that these are all potential interactions with wide patient variability. All relevant patients should be closely monitored on smoking cessation.

References: UK NHS Medicines information for pharmacists (2010), Drug interactions with tobacco smoking (Zevin and Benowitz) Medscape 2009, Maudsley Prescribing Guideline 2009, MIMS 2011, A review of smoking cessation: potentially risky effects on prescribed medications (S. Schaffer-Journal of Clinical Nursing 2009).

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