

UNIVERSITY OF VIRGINIA ALLERGY CLINIC LAB

PHARMACOLOGIC AGENTS & THEIR EFFECTS ON SKIN TEST REACTIVITY

No Effect

corticosteroids-inhaled or short term oral
cromolyn (Intal IH/Nasalcrom)
omeprazole (Prilosec)
lansoprazole (Prevacid)
valproate Na/acid or divalproex (Depakote)
quinine
fluvoxamine (Luvox)

Leukotriene Modifiers:

zafirlukast (Accolate)
montelukast (Singulair)
zileuton (Zyflo)

Beta-2 agonists:

albuterol (Proventil/Ventolin/Volmax)
metaproterenol (Alupent)
isoproterenol (Isuprel)
salmeterol (Serevent)
terbutaline (Brethine)
pirbuterol (Maxair)
theophylline

Antidepressants/Antianxiety

alprazolam (Xanax)
bupropion (Wellbutrin)
buspirone (BuSpar)
chlordiazepoxide (Libritabs)
citalopram (Celexa)
clonazepam (Klonopin)
clorazepate (Tranxene)
diazepam (Valium)
estazolam (Prosom)
flurazepam (Dalmane)
fluoxetine (Prozac)
lorazepam (Ativan)
midazolam (Versed)
nefazodone (Serzone)
paroxetine (Paxil)
oxazepam (Serax)
quazepam (Doral)
sertraline (Zoloft)
temazepam (Restoril)
trazodone (Desyrel)
triazolam (Halcion)
venlafaxine (Effexor)
zolpidem (Ambien)

Marked Suppression

Antihistamines – H1 Inhibitors

astemizole (Hismanal) –6wks
azatadine (Optimine)
brompheniramine (Bromphen)
chlorpheniramine (Chlor-Trimeton)-2 days
clemastine (Tavist)
cyproheptadine (Periactin)
diphenhydramine (Benadryl, Sominex)
fexofenadine (Allegra)
hydroxyzine (Atarax)
meclizine (Antivert)
loratadine (Claritin)
promethazine (Phenergan)
terfenadine (Seldane)
diphenhydramine (Temaril)
tripelennamine (PBZ)

Anti-Emetics:

prochlorperazine (Compazine)

Tricyclic Antidepressants:

amitriptyline (Elavil)
clomipramine (Anafranil)
desipramine (Norpramin)
doxepin (Sinequan)
imipramine (Tofranil)
nortriptyline (Pamelor)

Antipsychotics:

chlorpromazine (Thorazine)
haloperidol (Haldol)

Corticosteroids:

chronic orally
topically

Epinephrine – marked alpha adrenergic activity

Mild Effect

Antihistamines H2 Inhibitors

cimetidine (Tagamet)
famotidine (Pepcid)
nizatidine (Axid)
ranitidine (Zantac)

***Caution with anyone on a beta-blocker with skin testing. If anaphylaxis occurs, effects of epinephrine will be lessened i.e. atenolol (Tenormin), metoprolol (Lopresor), propranolol (Inderal).