**Systemic dugs possibly causing or aggravating dry eyes**

**Class Examples**

Antihypertensives Betablockers Acebutolol

Atenolol

Carvedilol

Labetalol

 Metoprolol

 Nadolol

 Oxprenolol

 Pindolol

Propranolol

Thiazides Bendroflumethiazide

 Chlorothiazide

 Chlortalidone

 Hydrochlorothiazide

 Hydroflumethiazide

 Indapamide

 Methylclothiazide

 Metolazone

 Polythiazide

 Trichlormethiazide

Central acting Clonidine

 Ca blocker Nifedipine

Alpha blocker Prazosin

ACE inhibitors Ramipril

Losartan

Antipsychotic agents Chlorpromazine

 Fluphenazine

 Lithium

 Perphenazine

 Pimozide

Prochlorperazine

 Promethazine

 Quetiapine

 Thiethylperazine

 Thioridazine

Anti-histamines Brompheniramine

 Carbinoxamine

 Cetirizine

Chlorphenamine (Chlorpheniramine)

 Clemastine

 Cyproheptadine

 Desloratadine

Dexchlorpheniramine

Diphenhydramine

Fexofenadine

 Loratadine

 Olopatadine

 Tripelennamine

Bronchodilators

Antispasmodics / antimuscarinic Doxylamine

Antiarrhythmic agents Ipratropium

 Atropine

 Homatropine

 Tolterodine

 Hyoscine (scopolamine)

 Hyoscine methobromide (methscopolamine)

 Disopyramide

Antineoplastic agents Busulfan

 Cyclophosphamide

 Cetuximab

 Erlotinib

 Gefitinib

Interferon (alpha, beta, gamma or PEG)

Tamoxifen

 Methoxsalen

Vinblastine

Antidepressants Citalopram

 Fluoxetine

 Fluvoxamine

 Paroxetine

 Sertraline

Sleeping pills **Temazepam**

Anti-leprosy agents Clofazimine

Antiandrogens Tamsulosin

 Terazosin

 Doxazosin

 Alfuzosin

 Finasteride

Neurotoxins Botulinum A or B toxin

Antimalarial agents Chloroquine

 Hydroxychloroquine

Skin Retinoids Roaccutane Isotretinoin

Anti-viral Aciclovir

Cannabinoids Dronabinol

 Hashish

 Marijuana

Analgesics Aspirin

 Ibuprofen

Morphine

Hormone Oral contraceptive pills

 HRT

Antacids Proton pump inhibitors Omeprazole

 Nexium

H2 blocker Cimetidine

 Ranitidine

Parkinson’s disease Levodopa / Carbidopa

 Benzatropine

 **Procyclidine**