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Some Potential Photosensitizing Agents

The following list of agents may increase sensitivity to ultraviolet light resulting in a phototoxic or photoallergic response.

MUST BE DISPLAYED IN A CONSPICUOUS PLACE

Generic Name

Acetazolamide
Amiloride + Hydrochlorothiazide
Amiodarone
Amitriptyline
Amitriptyline
Amoxapine
Astemizole
Atenolol + Chlorthalidone
Auranofin
Azatidine
Azatidine + Pseudoephedrine
Bendroflumethiazide
Benzthiazide
Bromodiphenhydramine
Brompheniramine
Captopril
Captopril + Hydrochlorothiazide
Carbamazepine
Chlordiazepoxide + Amitriptyline
Chlorothiazide
Chlorpheniramine
Chlorpheniramin + D-Pseudoephedrine
Chlorpheniramine + Phenylpropanolamine
Chlorpromazine
Chlorpropamide
Chlorprothixene
Chlorthalidone
Chlorthalidone
Chlorthalidone + Reserpine
Chlorthalidone + Reserpine
Ciprofloxacin
Clemastine
Clofazime
Clonidine Chlorthalidone +
Coal Tar
Coal Tar
Contraceptive, oral
Cromolyn
Cyclobenzaprine
Cyproheptadine
Dacarbazine
Danazol
Demeclocycline
Desipramine
Desipramine
Dexchlorpheniramine
Diclofenac
Diflunisal
Diltiazem
Diphenhydramine
Diphenylpyraline
Doxepin
Doxycycline
Doxycycline Hyclate
Doxycycline
Doxycycline Hyclate
Enalapril
Enalapril + Hydrochlorothiazide
Erythromycin Ethylsuccinate + Sulfisoxazole Estrogens
Estrogens
Ethionamide
Etretinate
Floxuridine
Flucytosine
Fluorouracil
Fluorouracil
Fluorouracil
Fluphenazine
Fluphenazine
Flurbiprofen
Flutamide
Furosemide
Gentamicin
Glipizide
Glyburide
Glyburide
Gold Salts (compounds)
Gold Sodium Thiomalate
Griseofulvin
Griseofulvin Ultramicrosized
Guanethidine + Hydrochlorothiazide
Haloperidol
Hexachlorophene
Hydralazine + Hydrochlorothiazide
Hydralazine
Hydrochlorothiazide
Hydrochlorothiazide
Hydrochlorothiazide
Hydrochlorothiazide
Hydrochlorothiazide + Triamterene
Hydrochlorothiazide
Hydroflumethiazide
Hydroflumethiazide
Hydroflumethiazide + Reserpine
Ibuprofen I
buprofen
Imipramine
Indapamide
Interferon ALFA-2B
Isocarboxazid
Isotretinoin
Ketoprofen
Labetalol
Labetalol + Hydrochlorothiazide

Brand Name

Diamox
Moduretic
Cordarone (15%)
Elavil
Endep
Asendin (<1%)
Hismanal
Tenoretic
Ridaura
Optimine
Trinalin Repetabs
Naturetin
Exna
Ambenyl
Dimetane
Capoten
Capozide
Tegretol
Limbitor
Diuril
Chlorpheniramine
Deconamine
Ru-Tuss II
Thorazine
Diabinese
Taractan
Hygroton
Thalitone
Demi-Regroton
Regroton
Cipro (<1%)
Tavist
Lamprene (<1%)
Combipres
Estar Gel
Balnetar
Estrogen
Intal Inhaler
Flexeril
Periactin
DTIC-Dome
Danocrine
Declomycin
Norpramin
Pertofrane
Polaramine
Voltaren (<1%)
Dolobid (<1%)
Cardizem (<1%)
Benadryl
Hispril Spansule
Sinequan
Vibramycin
Doryx
Vibramycin
Doryx
Vasotec
Vaseretic
Pediazole
Contraceptive, Oral
Estrogens
Trecator-SC
Tegison
FUDR Injectable
Ancobon
Adrucil
Efudex
Fluorouracil
Prolixin
Permitil
Ansaid
Eulexin
Lasix
Garamycin
Glucotrol
Diabeta
Micronase
Solganal
Myochrysin
Fulvicin U/F
Grisactin Ultra
Esimil
Haldol
PhisoHex
Apresazide
Apresoline-Esidrix
Esidrix
Hydrodiuril
Oretic
Oreticyl
Dyazide
Maxzide
Diucardin
Saluron
Salutensin/Salutensin-Demi Advil
(<1%)
Motrin (<1%)
Tofranil
Lozol
Intron A (<1%)
Marplan
Accutane
Orudis (<1%)
Normodyne
Normozide

Generic Name

Labetalol
Thiazide diuretic
Lisinopril + Hydrochlorothiazide
Lisinopril + Hydrochlorothiazide
Lovastatin
Maprotiline
Meperidine + Promethazine
Mesoridazine
Methacycline
Methazolamide
Methdilazine
Methotrexate
Methotrexate
Methotrexate
Methyclothiazide
Methyclothiazide
Methyclothiazide+ Deserpidine
Methyclothiazide + Reserpine
Methyldopa + Hydrochlorothiazide
Methyldopa + Chlorothiazide
Metolazone
Metolazone
Metolazone
Metoprolol + Hydrochlorothiazide
Minocycline
Minoxidol
Nabilone
Nadolol + Bendroflumethiazide blocker
Nalidixic Acid
Naprosyn
Naprosyn
Nifedipine
Nifedipine channel blocker
Norfloxacin
Nortriptyline
Oxytetracycline
Perphenazine
Perphenazine + Amitriptyline
Perphenazine
Phenylbutazone
Phenylpropanolamine + Chlorpheniramine
Phenylpropanolamine + Pheniramine Pyrilamine
Phenytion
Piroxicam
Polythiazide
Prazosin + Polythiazide
Prochlorperazine
Promethazine
Propranolol + Hydrochlorothiazide
Protriptyline
Pyrazinamide
Quinethazone
Quinidine Gluconate
Quinidine Sulfate
Quinidine Sulfate
Quinidine
Quinine Rauwolfia + Serpentina + Bendroflumethiazide
Reserpine + Chlorothiazide
Reserpine + Hydrochlorothiazide
Reserpine + Hydrochlorothiazide
Reserpine + Hydralazine + Hydrochlorothiazide
Selegiline
Spironolactone + Hydrochlorothiazide
Sulfacytine
Sulfadoxine + Pyrimethamine
Sulfamethizole + Phenazopyridine
Sulfamethoxazole
Sulfamethoxazole + Phenazopyridine
Sulfapyridine
Sulfasalazine
Sulfinpyrazone
Sulfasoxazole
Sulfasoxazole + Phenazopyridine
Sulfone
Sunlindac
Terfenadine
Tetracycline
Tetracycline
Thioridazine
Thiothixene
Timolol + Hydrochlorothiazide
Tolazamide
Tolbutamide
Tretinoin
Triamterene
Trifluoperazine
Trifluoperazine
Trimeprazine
Trimethoprim
Trimethoprim + Sulfamethoxazole
Trimethoprim + Sulfamethoxazole
Trimipramine
Tripeleminamine
Triprolidine
Triprolidine + Pseudoephedrine
Visblastine

Brand Name

Trandate HCT
Prinzide
Zestoretic
Mevacor
Ludiomil
Mepergan
Serentil
Rondomycin
Neptazane
Tacaryl
Folex
Methotrexate
Mexate & Mexate-AQ
Aquatensen
Enduron
Enduronyl
Diutensen-R
Aldoril
Aldoclor
Diulo
Mykrox
Zaroxolyn
Lopressor HCT
Minocin
Rogaine
Cesamet
Corzide
NegGram
Anaprox
Naproxen
Adalat
Procardia
Noroxin
Pamelor
Terramycin
Trilafon
Etrafon
Triavil
Butazolidin
Ornade Spansule
Triaminic TR
Dilantin
Feldene
Renese
Minizide
Compazine
Phenergan
Inderide
Vivactil
Pyrazinamide
Hydromox
Quinaglute Dura-Tab
Quindex Extentabs
Quinora
Quinamm
Rauzide
Diupres
Hydropres
Serpasil-Esidrix
Ser-Ap-Es
Eldepryl
Aldactazide
Renoquid
Fansidar
Thiosulfil-A
Gantanol
Azo Gantanol
(Generic only)
Azulfidine
Anturane
Gantrisin
Azo Gantrisin
Dapsone
Clinoril (<1%)
Seldane
Achromycin
Sumycin
Mellaril
Navane
Timolide
Tolinase
Orinase
Retin-A
Dyrenium
Stelazine
Vesprin
Temaril
Trimpex
Bactrim
Septra
Surmontil
PBZ
Actidil
Actifed
Velban

ANTIDEPRESSANTS

clomipramine (Anafranil)
isocarboxazid (Marplan)
maprotiline (Ludiomil)
mirtazapine (Remeron)
sertaline (Zoloft)
TRICYCLIC AGENTS, eg.,
Elavil, Asendin, Norpramin, Sinequan, Tofranil, Aventyl, Vivactil, Surmontil, venlafixine (Effexor)

ANTIHISTAMINES

astemizole (Hismanal)
cetirizine (Zytec)
cyproheptadine (Periactin)
dimenhydrinate (Dramamine)
diphenhydramine (Benadryl)
hydroxyzine (Atarax, Vistaril)
loratadine (Claritin)
terfenadine (Seldane)

ANTIMICROBIALS

azithromycin (Zithromax)
griseofulvin (Fulvicin, Grisactin)
*nalidixic acid (NegGram)
QUINOLONES, eg.,

Cipro, Penetrex, Levaquin, Floxin,
*Maxaquin, Noroxin,
*Zagam
SULFASALAZINE (Azulfidine)
*SULFONAMIDES, eg.,
Gantfrisn, Bactrim, Septra
TETRACYCLINES, eg.,
*Declomycin, Vibramycin, Minocin, Terramycin

ANTIPARASITICS

*bithionol (Bitin)
chloroquine (Aralen)
mefloquine (Lariam)
pyrvinium pamoate (Povan, Vanquin)
quinine

ANTIPSYCHOTICS

chlorprothixene (Taractan, Tarasan)
haloperidol (Haldol)
*PHENOTHIAZINES, eg.,
Compazine, Mellaril, Stelazine, Phenergan, Thorazine
risperidone (Risperdal)
thiothixene (Navane)
CANCER CHEMOTHERAPY
*dacarbazine (DTIC)
fluorouracil (5-FU)
methotrexate (Mexate)
procarbazine (Matulane, Natulan)
vinblastine (Velban, Belbe)
CARDIOVASCULARS
(see also Diuretics)
ACE INHIBITORS, eg.,
Capoten, Vasotec, Monapril, Accupril, Altace, Univasc
*amiodarone (Cordarone)
diltiazem (Cardizem)
disopyramide (Norpace)
I

osartan (Hyzaar)
lovastatin (Mevacor)
nifedipine (Procardia)
pravastin (Pravachol)
quinidine (Quinaglute)
simvastatin (Zocor)
sotalol (Betapace)
DIURETICS

(see also Cardiovasculars)
acetazolamide (Diamox)
amiloride (Midamor)
furosemide (Lasix)
metolazone (Diulo, Zaroxolyn)
*THIAZIDES, eg., HydroDiuril, Naturetin
***HYPOGLYCEMIC**
SULFONYLUREAS
acetohexamide (Dymelor)
chlorpropamide (Diabinese)
glimepiride (Amaryl)
glipzide (Glucotrol)
glyburide (DiaBeta, Micronase)
tolazamide (Tolinase)
tolbutamide (Orinase)

NSAIDs

All nonsteroidal anti-inflammatory drugs, eg.,
ibuprofen (Motrin),
naproxen (Anaprox, Naproxyn),
Orudis, Feldene, Voltaren, etc.
The new NSAID agents include:
etodolac (Lodine),
nabumetone (Relafen),
oxaprozin (Daypro)
SUNSCREENS
*benzophenones (Arimis.Clinique)
cinnamates (Arimis, Estee Lauder)
dioxbenzone (Solbar Plus)
oxybenzone (Eclipse, PreSun,Shade)
PABA (PreSun)
*PABA esters
(Block Out, Sea & Ski, Eclipse)

MISCELLANEOUS

benzocaine
benzoyl peroxide (Oxy 10)
carbamazepine (Tegretol)
chlordiazepoxide (Librium)
coal tar, eg., Tegrin, Zetar)
CONTRACEPTIVES, oral
estazolam (ProSom)
etretinate (Tegison)
felbamate (Felbatol)
gabapentin (Neurontin)
gold salts (Myochrysine, Ridaura, Solganal)
hexachlorophene (pHisoHex)
hypericum (St. John’s Wort)
interferon beta-1b (Betaseron)
isotretinoln (Accutane)
masoprocol (Actinex)
olsalazine (Dipentum)

PERFUME OILS, eg., bergamot, citron, lavender, sandalwood, cedar, musk
PSORALENS
selegiline (deprenyl, Eldepryl)
tretinoin (Retin-A, Vitamin A Acid)
zolpidem (Ambien)

Primary Class of Medications Responsible for Photosensitizing Reactions (Examples By Generic Name)

ANTIHISTAMINES

Astemizole
Azatadine
Brompheniramine
Buclizine
Carbinoxamine
Cetirizine
Chlorpheniramine
Clemastine
Cyclizine
Cyproheptadine
Dexchlorpheniramine
Dimenhydrinate
Diphenhydramine
Diphenylpyraline
Doxylamine
Hydroxyzine
Loratadine
Meclizine
Methapyrilene
Methdilazine
Orphenadrine
Pheniramine
Promethazine
Pyrilamine
Terfenadine
Trimeprazine
Tripelennamine
Triprolidine

COAL TAR AND DERIVATIVES

(examples by brand names)
Alphosyl
Aquatar
Denorex Medicated Shampoo
DHS Tar Gel Shampoo
DOAK Shampoo
Estar
lonil T Plus
LAVATAR
Medotar
Derm Tar Emollient
Tegrin Shampoo
Gel Therapeutic Shampoo
Zetar Shampoo

CONTRACEPTIVES, ORAL & ESTROGENS

(birth control pills, female sex hormones)
ESTROGENS
Chlorotrianisene
Diethylstilbestrol
Estradiol
Estrogens, conjugated
Estrogens, esterfied
Estropipate
PROGESTOGENS
Ethinyl estradiol
Medroxyprogesterone

NSAID: NON-STEROIDAL ANTI-INFLAMMATORY DRUGS

(antiarthritics)
Diclofenac
Diflunisal
Fenoprofen
Flurbiprofen
Ibuprofen
Indomethacin
Ketoprofen
Meclofenamate
Naproxen
Phenylbutazone
Piroxicam
Sulindac
Suprofen
Tolmetin

PHENOTHIAZINES

(major tranquilizers, anti-emetics)

Acetophenazine
Butaperazine
Carphenazine
Chlorpromazine
Ethopropazine
Fluphenazine
Mesoridazine
Methdilazine
Methotrimeprazine
Perphenazine
Piperacetazine
Prochloroperazine
Promazine
Promethazine
Propiomazine
Thiethylperazine
Thioridazine
Trifluoperazine
Triflupromazine
Trimeprazine

PSORALENS

Methoxsalen
Trioxsalen

SULFONAMIDES

sulfa" drugs, antimicrobials, anti-infectives)
Acetazolamide
Sulfacytine
Sulfadiazine
Sulfadoxine
Sulfamethizole
Sulfamethoxazole
Sulfapyridine
Sulfasalazine
Sulfinpyrazone
Sulfisoxazole

SULFONYLUREAS

(oral anti-diabetics, hypo-glycemics)
Acetohexamide
Chlorpropamide
Glipzide
Glyburide
Tolazamide
Tolbutamide

THIAZIDE DIURETICS (“water pills”)

Bendroflumethiazide
Benzthiazide
Chlorothiazide
Chlorthaldione
Cyclothiazide
Hydrochlorothiazide
Hydroflumethiazide
Methyclothiazide
Polythiazide
Trichlormethiazide

TETRACYCLINES

(antibiotics, anti-infectives)

Chlortetracycline
Demeclocycline
Doxycycline
Methacycline
Oxytetracycline
Tetracycline

TRICYCLIC ANTIDEPRESSANTS

Amitriptyline
Amoxapine
Clomipramine
Piperacetazine
Doxepin
Imipramine
Isocarboxazid
Maprotiline
Mirtazapine
Nortriptylin
Protriptyline
Sertaline
Trimipramine

Photosensitizing Foods And Medications

Acridine Preparations (slight)
Agave Lechuguilla (amaryllis)
Agrimony
9-Aminoacridine
Aminobenzoic Acid
Anesthetica (procaine group)
Angelica
Anthracene
Antimalarials
Aresenicals
Barbiturates
Bavachi (corylifolia)
Benzene
Benzopyrine
Bergamot (perfume)
Bithional (Actamer, Lorothidol)
Bulosemide (Jadit)
Bromchlorsalicylanilide
4-Butyl-4-Chlorosalicylanilide
Carbinoxamine D-Form (Twiston R-A)
Carbutamide (Nadisan)
Carrots, wild
Celery
Chlorophyll
Citrus fruits
Clover
Demeclocycline

Declomycin
Parsnips
Penicillin derivatives
Perioline
Perphenazine (Trilafon)
Phenanthrene
Phenazine Dyes
Phenolic compounds
Phenothiazines
(dyes, methylene blue)
Phenoxazines
Demethylchlortetracycline
Dibenzopyran derivatives
Dicyanine-A
Digalloyl trioleate sunscreen
Dill
Diphenhydramine hydrochloride
Eosin (slight)
Estrone
Fennel
Fluorescein dyes
5-Fluorouracil
Glyceryl P-Aminobenzoate
Grass (meadow)
Hematoporphyrin
Hexachlorophene (rare)
Imipramine HCl (Tofranil)
Isothipencyl (Theruhistin)

Isothipendyl
Lady’s Thumb (tea)
Lantinin
Meclothiazide (Enduron)
Mepazine (Pacatal)
9-Mercaptopurine
Methotrimeprazine (Levoprome)
Methoxsalen (Meloxine, Oxsoralen)
5-Methoxypsoralen
8-Methoxypsoralen
Monoglycerol para-aminobenzoate
Mustards
Nalidixic Acid
Naphthalene
Nortriptyline (Aventyl)
Para-Dimethylaminoazobenzene
Paraphenylenediamine
Parsley
Promazine Hydrochloride
Parsnips
Penicillin derivatives
Perioline
Perphenazine (Trilafon)
Phenanthrene
Phenazine Dyes
Phenolic compounds

Phenothiazines
(dyes, methylene blue)
Phenoxazines
Phenylbutazone (Butazolidin)
Pitch and Pitch fumes
Porphyrins
Prochlorperazine
Profriftyline
Pyrazithiazine Hydrochloride
Pyridine
Rose Bengal perfume
Rue
Salicylanilides
Salicylates
Silver Salts
Smartweed (tea)
Stilbamidine Isethionate
Sulfacetamide
Sulfadimethoxine
Sulfaguandine
Sulfanilamide (slight)
Sulfamerazine
Sulfamethazine
Sulfapyridine
Sulfathiazole
Sulfonamides
Sulfaisomidine (Elkosin)
Sulfonylureas (Antidiabetics)

Tetrachlorsalicylanilide
Thiazides (Diuril, Hydrodiuril)
Thiopropazate
Dihydrochloride
Toluene
Tribromosalicylanilide (TBS)
Trichlormethiazide (Metahydrin)
Tridione
Triethylene Melamine (TEM)
Triflupromazine Hydrochloride (Vesprin)
Trimeprazine Tartrate (Temaril)
Trimethadione (Tridione)
Triprathiazine
Vanilla Oils
Water Ash
Xylene
Yarrow

Products

Some make-up products contain the following dyes, which can cause a reaction under UV light, another reason to make sure skin is clean before tanning. Certain food products also contain the following dyes:

Acridine
Anthracene
Cadmium Sulfide
Eosin (found in lipstick)
Erythrosin

Fluorescin
Methylene Blue, Violet, Orange and Red
Neutral Red
Rose Bengal
Toluidine Blue,Trypaflavin and Trypan Blue

Sunscreens With Reported Photosensitizing Ingredients

6-Acetoxy-2, 4-dimethyl-m-dioxane (preservative in sunscreen)
Benzophenones (Aramis, Clinique and others)
Cinnamates (Aramis, Estee Lauder and others)
Oxybenzone (Eclipse, PreSun and others)
Paba esters (Eclipse, Block Out, Sea & Ski and others)
Para-aminobenzoic acid (PABA-Pabagel, Pabanol, PreSun and others)

Health Conditions

Do not allow clients with these conditions to tan without written consent from the physician. (It is very unlikely that any doctor will permit tanning under these circumstances.)

Albinism
Atinie Prurigo
Dermatomycitis
Lichen Rubber
Lung Tuberculosis
Lupus Erythemotosum
Melasma
Photoallergic Eczema
Polymorphous Light Eruption
Porphria
Related Allergies
Rosacea
Solar Urticaria
Sun Poisoning
Varix
Vitiligo
Xeroderma Pigmentosum