

## APPENDIX

## Farmaca met een potentieel speekselsecretie remmende bijwerking

Opsomming van geneesmiddelen op de Nederlandse markt die een speekselsecretieremmende potentie hebben. De appendix is opgesteld aan de hand van het Farmacotherapeutisch Kompas<sup>20</sup>, het Informatarium Medicatorum<sup>21, 22</sup> en een aantal overzichtsartikelen.<sup>15, 16, 19</sup> Geneesmiddelen die een droge mond als bijwerking niet vermelden in het Farmacotherapeutisch Kompas zijn niet in de appendix opgenomen. Dit geldt ook voor die medicamenten, zoals bijvoorbeeld bepaalde benzodiazepinen en  $\beta$ -blokkers, waarvan in de internationale literatuur aanwijzingen voorhanden zijn dat deze mogelijk toch de speekselsecretie kunnen inhiberen. Medicamenten met een aperte speekselsecretie-inhiberende werking volgens Sreebny en Schwartz<sup>19</sup> zijn cursief weergegeven.

## I Rangschikking naar klasse

*Centraal zenuwstelsel (psychische aandoeningen)*

## 1. Hypnotica en sedativa:

Brallobarbital+secobarbital+hydroxyzine (Vesparax)  
 Etodroxizine+Methaqualon (Isonox)  
 Fenobarbital+ergotaminetartraat+belladonna-alkaloden (Ergotamine comp. dragees)  
 Methaqualon+Difenhydraminechloride (Methaqualon comp. tabletten)  
 Promethazine  
 Zoplicon (Imovane)

## 2. Antipsychotica:

Alimemazine (Nedeltran)  
 Chloorpromazine (Largactil)  
*Chloorpro'ixeen (Truxal)*  
 Clozapine (Leponex)  
*Flufenazide (Anatensol, Moditen)*  
 Levomepromazine (Nozinan)  
*Loxapine (Loxapac)*  
 Melperon (Buronil)  
 Perazine (Taxilan)  
*Perfenazine (Trilafon)*  
 Periciazine (Neuleptil)  
 Pipamperon (Dipiperon)  
 Pipotiazine (Piportil)  
 Promazine  
 Reserpine (Reserpine)  
 Sulpiride (Dogmatil)  
*Thioridazine (Melleretten, Melleril)*  
*Tiotixeen (Navane)*  
 Trifluoperazine (Terfluzine)  
 Triflupromazine (Siquil)  
 Zuclopentixol (Cisordinol)

## 3. Antidepressiva:

*Amitriptyline (Sarotex, Tryptizol)*  
 Amitriptyline, chloordiazepoxide (Limbitrol)  
 Amitriptyline, perfenazine (Mutabon)  
 Clomipramine (Anafranil)  
*Desipramine (Pertofran)*  
 Dibenzepine (Noveril)  
 Dosulepine (Prothiaden)  
*Doxepine (Sinequan)*  
 Fluoxetine (Prozac)  
 Fluvoxamine (Fevarin)  
*Imipramine (Tofranil)*  
 Insidon (Opipramol)  
*Maprotiline (Ludiomil, Maprotiline tabletten)*  
*Nortriptyline (Nortrilen)*  
 Trazolan (Trazodon)  
*Trimipramine (Surmontil)*

## 4. Psychostimulantia:

Amfetamine  
 Dexamfetamine  
 Methylfenidaat (Ritalin)

*Centraal zenuwstelsel (neurologische aandoeningen)*

## 1. Anti-epileptica:

Carbamazepine (Carbamazepine, Carbazidem, Carbymal, Tegretol)

## 2. Parkinsonmiddelen:

Amantadine (Symmetrel)  
*Benzatropine (Cogentin)*  
*Biperideen (Akineton)*  
 Bromocriptine (Parlodel)  
 Dextimide (Tremblex)  
 Metixeen (Tremaril)  
*Orfenadrine (Disipal)*  
*Procyclidine (Kemadrin)*  
*Trihexyfenidyl (Artane)*

## 2. Vertigomiddelen:

Cinnarizine (Cinniprine)  
 Sulpiride (Dogmatil)  
 Thiethylperazine (Torecan)

*Perifere zenuwstelsel*

## 1. Spierrelaxantia:

Baclofen (Lioresal)  
 Chloormezanon (Trancopal)  
 Tizanidine (Sirdalud)

*Tractus circulatorius*1.  $\alpha$ -blokkers:

Prazosine (Minipress)  
 Urapidil (Ebrantil)

## 2. Antihypertensiva:

## – combinatiepreparaten:

Benzoflumethiazide+propranolol (Inderetic)  
 Bendroflumethazide+tiolol (Prestim Leo)  
 Chloortalidon+atenolol (Tenoretic)  
 Chloortalidon+metoprolol (Logroton)  
 Clopamide+pindolol (Viskaldix)  
 Enalapril+hydrochloorthiazide (Co-Retinec)  
 Hydrochloorthiazide+amiloride+atenolol (Hykaten) Hydrochloorthiazide+amiloride+timolol (Moducuren)  
 Hydrochloorthiazide+bevantolol (Ranezide)  
 Hydrochloorthiazide+acebutolol (Secadrex)  
 Hydrochloorthiazide+metoprolol (Selokomb)  
 Lisinopril+hydrochloorthiazide (Novazyd, Zestoretic)  
 Methyl dopa+hydrochloorthiazide (Hydromet)

## – centraal aangrijpend:

Clonidine (Catapresan)  
 Guanfacine (Estulic)  
 Methyl dopa (Aldomet, Sembrina)

- overige:

Dihydroergocristine+clopaide+reserpine (Brinerdin)  
Guanethidine (Ismelin)  
Ketanserin (Ketensin)  
Prazosine (Minipress)  
Urapidil (Ebrantil)

- bij feochromocytoom:

Metirosine (Demser)

### 3. Anti-arrhythmica:

Disopyramide (Dirytmim, Disopyramide, Ritmoforine, Rythmodan, Rytmilin)

### 4. Migrainemiddelen:

Amitriptyline (Amitriptyline HCl, Sarotex, Tryptizol)  
Clonidine (Dixarit)  
Ergotamine+cyclizine+coffeïne (Ergocofcyclizine capsules/zetpillen)  
Fenobarbital+ergotaminetartraat+belladonna-alkaloiden (Ergotamine comp. dragees)  
Pizotifeen (Sandomigran)

*Tractus digestivus*

#### 1. Secretieremmers:

Belladonna-extract  
Famotidine (Pepcidin)  
Hyoscyamine (Egacene Durette)  
Isopropamide (Priamide)  
Pirenzepine (Abrinac, Gastrozepin)  
Oxyfencyclimine (Daricon)

#### 2. Darmtonus:

Atropine  
Atropinesulfaat  
Belladonna+fenobarbital  
Belladonna-extract  
Butylscopolamine (Buscopan)  
Chloordiazepoxide+clidiniumbromide (Chloordiazepoxide comp. dragees)  
Glycopyrronium (Robinul)  
Hyoscamine (Egacène Durettes)  
Isopramide (Priamide)  
Oxyfenonium (Antrenyl)  
Oxyfencyclimine (Daricon)  
Propantheline (Pro-Banthine)

#### 3. Anti-emetica:

Chloorpromazine (Largactil)  
Cinnarizine (Cinniprine)  
Cinnarizine+chloorecyclizine (Primatour)  
Cyclizine (Marzine)  
Dimenhydraat (Dramamine)  
Meclozine (Suprimal)  
Meclozine+pyridoxine (Emesafene, Meclozine-pyridoxine tabletten)  
Perfenazine (Trifalon)  
Prochlorperazine (Stemetil)  
Promazine  
Promethazine (Phenergan)  
Scopolamine (Scopoderm TTS)  
Thiethylperazine (Torecan)  
Triflupromazine (Siquil)

#### 4. Antidiarrhoica:

Difenoxylaate+atropine (Reasec)  
Loperamide (Diacure, Imodium)

*Tractus respiratorius*

#### 1. Bij verkoudheid en hoest:

Oxomemazine (Doxergan)

Promethazine (Promethazine stroop) Promethazine+sulfoguaiacol + ipecacuanha-extract (Phenergan expectorant)

### 2. CARA:

Budesonide (Pulmicort)  
Deptropine  
Ipratropium (Atrovent)  
Isoprenaline (Medihaler-iso)  
Ketotifen (Zaditen)  
Rimiterol (Pulmadil)

*Tractus uropoeticus*

#### 1. Diuretica:

Amiloride (Midamor)  
Amiloride+hydrochloorthiazide (Moduretic, Moduretic Mitis)  
Bendroflumethiazide (Pluryl)  
Chloortalidon (Hygroton)  
Chloorthiazide (Chlotride)  
Clopamide (Brinaldix)  
Cyclopentiazide (Navidrex)  
Epitizide+triamtereen (Epitriam, Dyta-Urese)  
Hydrochloorthiazide (Dichlotride, Esidrex)  
Indapamide (Fludex)  
Mefruside (Baycaron)  
Polythiazide  
Quinethazon (Aquamox)  
Triamtereen (Dytac)  
Triamtereen+hydrochloorthiazide (Dytenzide)

#### 2. Spasmolytica:

Baclofen (Lioresal)  
Emepromium (Cetiprin)  
Flavoxaat (Urispas)  
Oxybutynine (Dridase)  
Oxyfencyclimine (Daricon)  
Terodiline (Mictrol)

*Dermatologica*

#### 1. Bij psoriasis:

Acritretine (Neotigason)

#### 2. Bij acne:

Isotretinoïne (Roaccutane)

*Oogheelkunde*

#### 1. Mydriatica

Atropine (Atropine oogdruppels, Atropine Minims)  
Cyclopentolaat (Cyclopentolaat Minims, Cyclomydri, Cyclogyl)  
Homatropine (Homatropine Minims, Homatropine oogdruppels)  
Scopolamine (Scopolamine oogdruppels)  
Tropicamide (Tropicamide Minims, Mydriaticum)

#### 2. Bij glaucoom:

Levobunol (Betagan Liquifilm)  
Metipranolol (Beta Ophtiole)  
Metipranolol+pilocarpine (Normoglaucan)  
Timolol (Timolol oogdruppels, Timoptol)

*Analgetica, antirheumatica en jichtmiddelen*

#### 1. Niet-opioïden:

Naproxen (Femex, Naprosyne, Naproxen tabletten/zetpillen, Novuran)

#### 2. Opioïden:

Buprenorfine (Temgesic)  
Methadon (Methadon, Symoron)  
Morfine (MS Contin)

*Morfine+atropine (Morfine-atropine injecties/zetpillen)*  
 Nalbupine (Nubain)  
 Nicomorfine (Vilan)  
 Opial  
 Pentazocine (Fortran)  
*Pethidine (Pethidine)*  
 Piritramide (Dipidolor)

**3. Bij jicht:**

Naproxen (Naprosyne, Naproxen tabletten/zetpillen)

*Middelen bij maligne aandoeningen*

**1. Oncolytica:**

Busulfan (Myleran)  
 Fluorouracil (Fluorouracil Abic, Fluorouracil Roche, Fluracedyl)

**2. Immunomodulantia:**

Interferon (Intron A, Roferon A)

*Allergische aandoeningen*

**1. Antihistaminica:**

Alimemazine (Nedeltran)  
 Azatidine (Optimine)

Azatidine + pseudo-efedrine (Congestans Repetabs)  
 Broomfeniramine + fenylpropanolamine (Nasapert Durettes)  
 Carbinoxamine (Polistine)  
 Ceterizine (Zyrtec)  
 Chloorfenamine (Methyrit)  
 Cinnarizine (Polistine, Cinnipirine)  
 Clemastine (Tavegil)  
 Cyclizine (Happy Trip, Marzine)  
 Cyproheptadine (Periactin)  
 Deptropine  
 Dexchloorfeniramine (Polaramine)  
*Difenhydramine (Benylin, Dramamine)*  
 Dimetindeen (Fenistil)  
*Hydroxyzine (Atarax)*  
 Ketotifen (Zaditen)  
 Mebhydroline (Incidal)  
 Meclozine (meclozine)  
 Mequitazine (Mircol)  
 Oxomemazine (Doxergan)  
 Promethazine (Phenergan, Promethazine stroop)  
 Tripelennamine (Azaron, Tripelenamini hydrochloridum)  
 Tripolidine (Pro-Actidil)

*Diversen*

- eetlustremmers:

Dexfenfluramine (Isomeride)  
*Fenfluramine (Fenfluramini hydrochloridum, Kataline, Ponderal)*  
*Mazindol (Tenorac)*

**II Alfabetische rangschikking op merknaam (generische naam).**

**Een aantal middelen is alleen onder generische naam bekend**

Abrinac (pirenzepine)  
 Aceplus (captopril, hydrochloorthiazide)  
*Akineton (biperideen)*  
 Aldomet (methyldopa)  
 Amfetamine (amfetamine)  
*Amityptiline HCl (amityptiline)*  
 Anafranil (clomipramine)  
*Anatensol (flufenazide)*  
*Antrenyl (oxyfenonium)*  
 Aquamox (quinethazon)  
*Artane (trihexyfenidyl)*  
*Atarax (hydroxyzine)*  
*Atropine (atropine)*  
*Atropinesulfaat (atropinesulfaat)*  
*Atropine oogdruppels (atropine)*  
*Atropine Minims (atropine)*  
 Atrovent (ipratropium)  
 Azaron (tripelennamine)  
  
 Baycaron (mefruside)  
 Belladonna-extract (belladonna preparaten)  
 Belladonna-extract/fenobarbital (belladonna, fenobarbital)  
*Benylin (difenhydramine)*  
 Betagan Liquifilm (levobunol)  
 Beta Ophthiole (metipranolol)  
 Brinaldix (clopamide)  
 Brinerdin (dihydroergocristine, clopaide, reserpine)  
 Buronil (melperon)  
 Buscopan (butylscopolamine)  
  
 calcifediol  
 Capozide (captopril, hydrochloorthiazide)  
 Carbamazepine (carbamazepine)  
 Carbazidem (carbamazepine)  
 Carbymal (carbamazepine)  
 Catapresan (clonidine)  
 Cetiprin (emeprium)  
 Chloordiazepoxide comp. dragees (chloordiazepoxide, lidiniumbromide)

Chlotride (chloorthiazide)  
 Cinniprine (cinnarizine)  
 Cisordinol (zuclopentixol)  
*clidinium*  
 clorazepinezuur  
*Cogentin (benzatropine)*  
 Co-Retinec (enalapril, hydrochloorthiazide)  
 Congestans Repetabs (azatidine, pseudo-efedrine)  
 Cyclopentolaat Minims (cyclopentolaat)  
 Cyclogyl (cyclopentolaat)  
 Cyclomydri (cyclopentolaat)  
  
 Daricon (oxyfencyclimine)  
 Demser (metirosine)  
 deptropine  
*dexamfetamine*  
 Diacure (loperamide)  
 Dichlotride (hydrochloorthiazide)  
 Dipidolor (piritramide)  
 Dipiperon (pipamperon)  
*Dirymin (desopyramide)*  
*Disipal (orfenadrine)*  
 Disopyramide (disopyramide)  
*Dixarit (clonidine)*  
 Dogmatil (sulpiride)  
 Doxergan (oxomemazine)  
*Dramamine (dimenhydraat)*  
*Dridase (oxybutynine)*  
 Dytac (triamteren)  
 Dyta-Urese (epitizide, triamteren)  
 Dytenzide (triamteren, hydrochloorthiazide)  
  
 Ebrantil (urapidil)  
*Egacene Durette (Hyoscyamine)*  
 Emesafene (meclozine, pyridoxine)  
 Epitriam (epitizide, triamteren)  
 Ergocofcyclizine caps./tabletten (ergotamine, cyclizine, offeïne)  
 Ergotamine comp. dragees (fenobarbital, ergotaminetartraat, elladonna-alkaloïden)  
 Esidrex (hydrochloorthiazide)  
 Estulic (guanfacine)

- Femex (naproxen)  
*Fenfluramini HCl (fenfluramine)*  
 Fenistil (dimentindeen)  
 Fenylefrine Minims (fenylephrine)  
 Fenylephrine oogdruppels (phenylephrine)  
 Fevarin (fluvoxamine)  
 Fluorouracil Abic (fluorouracil)  
 Fluorouracil Roche (fluorouracil)  
 Fludex (indapamide)  
 Fluracedyl (fluorouracil)  
 Fortran (pentazocine)
- Gastrozepin (pirenzepine)
- Happy Trip (cyclizine)  
*Homatropine Minims (homatropine)*  
*Homatropine oogdruppels (homatropine)*  
 Hydromet (methyldopa, hydrochloorthiazide)  
 Hygroton (chloortalidon)  
 Hykaten (hydrochloorthiazide, amiloride, atenolol)  
 Hyperstat (diazoxide)
- Imodium (loperamide)  
 Imovane (zoplicon)  
 Incidal (mebhydroline)  
 Inderetic (benzoflumethazide, propranolol)  
 Insidal (opipramol)  
 Intron A (interferon)  
 Ismelin (ganethidine)  
 Isomeride (dexfenfluramine)  
 Isonox (etodroxizine, methaqualon)
- Kataline (fenfluramine)*  
*Kemadrin (procyclidine)*  
 Ketensin (ketanserin)
- Largactil (chloorpromazine)  
 Leponex (clozapine)  
 Lioresal (baclofen)  
 Limbitrol (amitriptyline, chloordiazepoxide)  
 Logroton (chloortalidon, metoprolol)  
*Loxapac (loxapine)*  
*Ludiomil (maprotiline)*
- Maprotiline tabletten (maprotiline)*  
*Marzine (cyclizine)*  
 meclozine  
 Meclozine-pyridoxine tabletten (meclozine, pyridoxine)  
 Medihaler-iso (isoprenaline)  
*Melleretten (thioridazine)*  
*Melleril (thioridazine)*  
*Methadon (methadon)*  
 Methaqualon comp. tabletten (methaqualon, digenhydraminechloride)  
 Methyrit (chloorfenamine)  
 Mictrol (terodiline)  
 Midamor (amiloride)  
 Mircol (mequitazine)  
 Minipress (prazosine)  
*Moditen (flufanazide)*  
 Moducren (hydrochloorthiazide, amiloride, timolol)  
*Moduretic (amiloride, hydrochloorthiazide)*  
*Moduretic Mitis (amiloride, hydrochloorthiazide)*  
*Morfine-atropine injecties/zetpillen (morfine, atropine)*  
 MS Contin (morfine)  
 Mutabon (amitriptyline, perfenazine)  
 Mydriaticum (tropicamide)  
 Myleran (busulfan)
- Nalorex (naltrexon)  
 Naprosyne (naproxen)  
 Naproxen tabletten/zetpillen (naproxen)  
 Nasapert Durettes (broomfeniramine, fenylpropanolamine)  
*Navane (tiotixeen)*  
 Navidrex (cyclopentthiazide)  
 Nedeltran (alimemazine)
- Neotigason (acritretine)  
 Neuleptil (periciazine)  
 Normoglaucou (metipranolol, pilocarpine)  
*Nortriën (nortriptyline)*  
 Novazyd (lisinopril, hydrochloorthiazide)  
 Noveril (dibenzepine)  
 Novuran (naproxen)  
 Nozinan (Levomepromazine)  
 Nubain (nalbufine)
- Opial (opial)  
 Optimine (azatidine)
- Parlodel (bromocryptine)  
 Pepcidin (famotidine)  
*Pertofran (desipramine)*  
*Pethidine (pethidine)*  
 Periacin (cyproheptadine)  
 Phenergan (promethazine)  
 Phenergan Expectorant (promethazine, sulfoguaiacol, pecacuanha-extract)  
 Piportil (pipotiazine)  
 Pluryl (bendroflumethiazide)  
 Polistine (carbinoxamine)  
 Polistine (cinnarizine)  
 Polaramine (dexchloorfeniramine)  
*Ponderal (fenfluramine)*  
 Prestim Leo (bendroflumethiazide, tiolol)  
*Priamide (isopropamide)*  
 Primatour (cinnarizine, chloorcyclizine)  
 Pro-Actidil (tripolidine)  
*Pro-Banthine (propantheline)*  
 Promazine (promazine)  
 Promethazine (promethazine)  
 Promethazine stroop (promethazine)  
 Prothiaden (dosulepine)  
 Prozac (fluoxetine)  
 Pulmicort (budesonide)  
 Pulmadil (rimiterol)
- Ranezide (hydrochloorthiazide)  
 Reasec (difenoxylaate, atropine)  
 polythiazide  
 Reserpine (reserpine)  
 Ritalin (methylfenidraat)  
 Ritmoforine (Disopyramide)  
 Roaccutane (isotretinoïne)  
*Robinul (glycopyrronium)*  
 Rocaltrol (calcitriol)  
 Roferon A (interferon)  
*Rythmodan (disopyramide)*  
*Rytmilen (Disopyramide)*
- Sandomigran (pizotifeen)  
 Sarotex (amitriptyline)  
*Scopoderm TTS (scopolamine)*  
 Scopolamine oogdruppels (scopolamine)  
 Secadrex (hydrochloorthiazide, acebutolol)  
 Selokomb (hydrochloorthiazide, metoprolol)  
 Sembrina (methyldopa)  
*Sinequan (doxepine)*  
 Siquil (triflupromazine)  
 Sirdalud (tizanidine)  
*Stemetil (prochloorperazine)*  
 Suprimal (meclozine)  
*Surmontil (trimipramine)*  
 Symmetrel (amantadine)  
*Symoron (methadon)*
- Tavegil (clemastine)  
 Taxilan (perazine)  
 Tegretol (carbamazepine)  
 Temgesic (buprenorfine)  
*Tenorac (mazindol)*  
 Tenoretic (chloortalidon, atenolol)

Terfluzine (triflupromazine)  
Timolol oogdruppels (timolol)  
Timoptol (timolol)  
Tofranil (imipramine)  
Tolvon (mianserine)  
Torecan (thiëthylperazine)  
Trancopal (chloormezanon)  
Trasicor (oxprenolol)  
Trazolan (trazondon)  
Tremaril (metixeen)  
Tremblex (dextimide)  
Trilafon (perfenazine)  
Tripelennamine (tripelennamine)  
Tripelanamini HCl (tripelennamine)

*Tropicamide Minims (tropicamide)*  
*Truxal (chloorpromazine)*  
*Tryptizol (amitriptyline)*

*Urispas (flavoxaat)*

Vesparax (brallobarbital, secobarbital, hydroxyzine)  
Vilan (nicomorfine)  
Viskaldix (clopamide, pindolol)

Zaditen (ketotifen)  
Zestoretic (lisinopril, hydrochloorthiazide)  
Zyrtec (ceterizine)