

Proposal for drug coding of “List of drugs to be prescribed with special caution” 1)

Therapeutic category/JAN English name	Japan 2)	ATC <sup>3)</sup>
Nervous system: Overall antipsychotic drugs - Typical antipsychotic drugs		
Bromperidol	1179028	N05AD06
Chlorpromazine Hydrochloride	1171001	N05AA01
Chlorpromazine Phenolphthalinate	1171005	N05AA01
Clocapramine Hydrochloride Hydrate	1179030	N05AX
Fluphenazine Maleate	1172009	N05AB02
Haloperidol	1179020	N05AD01
Levomepromazine Maleate	1172014	N05AA02
Mosapramine Hydrochloride	1179035	N05AX10
Nemonapride	1179036	N05AL
Oxypertine	1179011	N05AE01
Perphenazine	1172006 1172007	N05AB03
Perohenazine Fendizoate	1172004	N05AB03
Perphenazine Maleate	1172013	N05AB03
Pimozide	1179022	N05AG02
Pipamperone Hydrochloride	1179006	N05AD05
Propericiazine (Periciazine)	1172005	N05AC01
Spiperone	1179015	N05AD
Sulpiride	1179016 2329009	N05AL01
Sultopride Hydrochloride	1179032	N05AL02
Timiperone	1179026	N05AD
Combination (see Table3-3)	1179100 1179101	-
Nervous system: Overall antipsychotic drugs – Atypical antipsychotic drugs		
Aripiprazole Hydrate	1179045	N05AX12
Asenapine Maleate	1179056	N05AH05
Blonanserin	1179048	N05AX
Clozapine	1179049	N05AH02
Olanzapine	1179044	N05AH03
Paliperidone	1179053	N05AX13
Perospirone Hydrochloride Hydrate	1179043	N05AX
Quetiapine Fumarate	1179042	N05AH04
Risperidone	1179038	N05AX08
Zotepine	1179024	N05AX11
Nervous system: Benzodiazepines		
Alprazolam	1124023	N05BA12
Bromazepam	1124020	N05BA08

Therapeutic category/JAN English name	Japan <sup>2)</sup>	ATC <sup>3)</sup>
Brotizolam	1124009	N05CD09
Chlordiazepoxide	1124028	N05BA02
Clorazepate Dipotassium	1124015	N05BA05
Clotiazepam	1179012	N05BA21
Cloxazolam	1124014	N05BA22
Diazepam	1124017	N05BA01
Estazolam	1124001	N05CD04
Ethyl Loflazepate	1124029	N05BA18
Etizolam	1179025	N05BA19
Fludiazepam	1124019	N05BA17
Flunitrazepam	1124008	N05CD03
Flurazepam Hydrochloride	1124002	N05CD01
Flutazolam	1124024	N05BA
Flutoprazepam	1124027	N05BA
Haloxazolam	1124005	N05CD
Lorazepam	1124022	N05BA06
Lormetazepam	1124010	N05CD06
Medazepam	1124021	N05BA03
Mexazolam	1124025	N05BA
Nimetazepam	1124004	N05BA
Nitrazepam	1124003	N05CD02
Oxazolam	1124013	N05BA
Quazepam	1124030	N05CD10
Rilmazafone Hydrochloride Hydrate	1129006	N05CD
Tofisopam	1124026	N05BA23
Triazolam	1124007	N05CD05
Nervous system: Non-benzodiazepines		
Eszopiclone	1129010	N05CF04
Zolpidem Tartrate	1129009	N05CF02
Zopiclone	1129007	N05CF01
Nervous system: Tricyclic antidepressants		
Amitriptyline Hydrochloride	1179002	N06AA09
Amoxapine	1179001	N06AA17
Clomipramine Hydrochloride	1174002	N06AA04
Dosulepin Hydrochloride	1179027	N06AA16
Imipramine Hydrochloride	1174006	N06AA02
Lofepamine Hydrochloride	1174004	N06AA07
Nortriptyline Hydrochloride	1179004	N06AA10
Trimipramine Maleate	1174005	N06AA06
Nervous system: Selective serotonin reuptake inhibitor (SSRI)		
Escitalopram Oxalate	1179054	N06AB10

Therapeutic category/JAN English name	Japan <sup>2)</sup>	ATC <sup>3)</sup>
Fluvoxamine Maleate	1179039	N06AB08
Paroxetine Hydrochloride Hydrate	1179041	N06AB05
Sertraline Hydrochloride	1179046	N06AB06
Nervous system: Antiparkinsonian drugs – Anticholinergic drugs		
Biperiden Hydrochloride	1162001	N04AA02
Mazaticol Hydrochloride Hydrate	1169004	N04AA10
Piroheptine Hydrochloride	1169003	N04AA
Profenamine Hibenzate	1163002	N04AA05
Profenamine Hydrochloride	1163001	N04AA05
Promethazine Hydrochloride	4413002	R06AD02 D04AA10
Promethazine Hibenzate	4413002	R06AD02 D04AA10
Promethazine Methylenedisalicylate	4413002	R06AD02 D04AA10
Trihexyphenidyl Hydrochloride	1169001 1169002	N04AA01
Systemic hormonal preparations, excl. Sex hormones and insulins: Oral corticosteroids		
Betamethasone	2454004	H02AB01
Cortisone Acetate	2452001	H02AB10
Dexamethasone	2454002	D07AB19 H02AB02
Fludrocortisone Acetate	2452003	H02AA02
Hydrocortisone	2452002	H02AB09
Methylprednisolone	2456003	H02AB04
Prednisolone	2456001 2456002	H02AB06
Triamcinolone	2454003	H02AB08
Combination (see Table3-3)	2459100	-
Blood and blood forming organs: Antithrombotic drugs		
Apixaban	3339004	B01AF02
Aspirin	1143001	N02BA01 B01AC06
Cilostazol	3399002	B01AC23
Clopidogrel Sulfate	3399008	B01AC04
Dabigatran Etxilate Methanesulfonate	3339001	B01AE07
Edoxaban Tosilate Hydrate	3339002	B01AF03
Prasugrel Hydrochloride	3399009	B01AC22
Rivaroxaban	3339003	B01AF01
Ticlopidine Hydrochloride	3399001	B01AC05

Therapeutic category/JAN English name	Japan <sup>2)</sup>	ATC <sup>3)</sup>
Warfarin potassium	3332001	B01AA03
Combination (see Table3-3)	1143010	-
	3399100	-
	3399101	-
	3399102	-
Cardiovascular system: Digitalis		
Digoxin	2113003	C01AA05
	2113004	
Metildigoxin	2113005	C01AA08
Cardiovascular system: Diuretics – Loop diuretics and aldosterone antagonists		
Azosemide	2139008	C03CA
Bumetanide	2139004	C03CA02
Furosemide	2139005	C03CA01
Piretanide	2139007	C03CA03
Torasemide	2139009	C03CA04
Eplerenone	2149045	C03DA04
Spirolactone	2133001	C03DA01
Triamterene	2133002	C03DB02
Cardiovascular system: Beta blocking agents		
Alprenolol Hydrochloride	2123002	C07AA01
Arotinolol Hydrochloride	2123014	C07AA
Bufetolol Hydrochloride	2123006	C07AA
Carteolol Hydrochloride	2123005	C07AA15
	2149025	S01ED05
Metoprolol Tartrate	2149010	C07AB02
Nadolol	2123015	C07AA12
Nipradilol	2149021	C07AA S01ED
Pindolol	2123009	C07AA03
	2149011	
Propranolol Hydrochloride	2123008	C07AA05
	2149014	
Cardiovascular system: Alpha1 blocking agents		
Bunazosin Hydrochloride	2149015	C02CA
Doxazosin Mesilate	2149026	C02CA04
Prazosin Hydrochloride	2149002	C02CA01
Terazosin Hydrochloride Hydrate	2149023	G04CA03
Urapidil	2149020	C02CA06
Respiratory system: H <sub>1</sub> receptor antagonists (1st generation)		
Alimemazine Tartrate	4413003	R06AD01

Therapeutic category/JAN English name	Japan <sup>2)</sup>	ATC <sup>3)</sup>
Chlorpheniramine Maleate	4419001 4419003	R06AB04
Clemastine Fumarate	4419008	R06AA04
Cyproheptadine Hydrochloride Hydrate	4419005	R06AX02
D-chlorpheniramine Maleate	4419002	R06AB04
Diphenhydramine	4411001	R06AA02
Homochlorcyclizine Hydrochloride	4419006	R06AE
Hydroxyzine Hydrochloride	1179005	N05BB01
Hydroxyzine Pamoate	1179019	N05BB01
Promethazine Hibenzate (relisted)	4413002	R06AD02
Promethazine Hydrochloride (relisted)	4413002	R06AD02
Promethazine Methylenedisalicylate (relisted)	4413002	R06AD02
Combination (see Table3-3)	2459100	-
Alimentary tract and metabolism: H <sub>2</sub> receptor antagonists		
Cimetidine	2325001	A02BA01
Famotidine	2325003	A02BA03
Lafutidine	2325006	A02BA08
Nizatidine	2325005	A02BA04
Ranitidine Hydrochloride	2325002	A02BA02
Roxatidine Acetate Hydrochloride	2325004	A02BA06
Alimentary tract and metabolism: Antiemetic agents		
Domperidone	2399005	A03FA03
Itopride Hydrochloride	2399008	A03FA07
Metoclopramide	2399004	A03FA01
Prochlorperazine Maleate	1172010	N05AB04
Alimentary tract and metabolism: Laxatives		
Magnesium Oxide	2344002 2344009	A02AA02 A06AD02
Alimentary tract and metabolism: Antidiabetic agents		
Acetohexamide	3961001	A10BB31
Acarbose	3969003	A10BF01
Buformin Hydrochloride	3962001	A10BA03
Canagliflozin Hydrate	3969022	A10BX11
Dapagliflozin Propylene Glycolate Hydrate	3969019	A10BX09
Chlorpropamide	3961004	A10BB02
Empagliflozin	3969023	A10BX12
Glibenclamide	3961003	A10BB01
Gliclazide	3961007	A10BB09
Glimepiride	3961008	A10BB12
Glycopyramide	3961002	A10BB
Ipragliflozin L-proline	3969018	A10BX

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Luseogliflozin Hydrate	3969020	A10BX
Metformin Hydrochloride	3962002	A10BA02
Miglitol	3969009	A10BF02
Pioglitazone Hydrochloride	3969007	A10BG03
Voglibose	3969004	A10BF03
Tofogliflozin Hydrate	3969021	A10BX
Tolbutamide	3961006	A10BB03
Insulins and analogues:		
Insulin Aspart (Genetical Recombination)	2492415	A10AD05 A10AB05
Insulin Degludec (Genetical Recombination)	2492419	A10AE06
Insulin Determir(Genetical Recombination)	2492417	A10AE05
Insulin Glargine (Genetical Recombination)	2492416 2492420 2492421	A10AE04
Insulin Glulisine (Genetical Recombination)	2492418	A10AB06
Insulin Human (Genetical Recombination)	2492403 2492413	A10AB01 A10AC01 A10AD01 A10AE01 A10AF01
Insulin Lispro (Genetical Recombination)	2492414	A10AB04 A10AC04 A10AD04
Combination (See Table 3-3)	2492500	A10AD06
Urologicals: Muscarinic receptor antagonists		
Fesoterodine Fumarate	2590015	G04BD11
Imidafenacin	2590013	G04BD
Oxybutynin Hydrochloride	2590005	G04BD04
Propiverine Hydrochloride	2590007	G04BD06
Solifenacin Succinate	2590011	G04BD08
Tolterodine Tartrate	2590012	G04BD07
Musculo-skeletal system: Non-steroidal antiinflammatory drugs (NSAIDs)		
Acemetacin	1145003	M01AB11
Amfenac Sodium Hydrate	1147006	M01AB
Ampiroxicam	1149030	M01AC
Aspirin (relisted)	3399007	B01AC06
Bucolome	1149009	M01AX
Diclofenac Sodium	1147002	M01AB05 S01BC03 M02AA15

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Emorfazone	1148004	N02BG
Etodolac	1149032	M01AB08
Flufenamate Aluminum	1141004	M01AG03
Flurbiprofen	1149011	M01AE09 M02AA19
Ibuprofen	1149001	M01AE01
Indometacin	1145001	C01EB03
	1145002	M01AB01 M02AA23
Indomethacin Farnesil	1145005	M01AB01
Lornoxicam	1149036	M01AC05
Loxoprofen Sodium Hydrate	1149019	M01AE M02AA
Mefenamic Acid	1141005	M01AG01
Meloxicam	1149035	M01AC06
Mofezolac	1149033	M01AX
Nabumetone	1149027	M01AX01
Naproxen	1149007	M01AE02
Oxaprozin	1149026	M01AE12
Piroxicam	1149017	M01AC01 M02AA07 S01BC06
Pranoprofen	1149010	S01BC09
Proglumetacin Maleate	1145004	M01AB14
Sulindac	1149015	M01AB02
Tiaprofenic Acid	1149025	M01AE11
Tiaramide Hydrochloride	1148001	N02BG
Zaltoprofen	1149029	M01AE
Combination (See Table 3-3)	1143010	N02BA51
	3399100	

ATC: Anatomical Therapeutic Chemical Classification System

JAN: Japanese Accepted Names for Pharmaceuticals

Japan: the first 7-digit numbers of the code of the Japanese drug price list.

- 1) Drugs that had been previously approved but do not currently being marketed are excluded. The list includes long-term oral use drugs as a general rule, except self-injection insulin, according to the guidelines (Japan Geriatric Society. Guidelines for Medical Treatment and its Safety in the elderly 2015 (In Japanese). Toyko, Medical View Co., Ltd. 2015.)
- 2) A different base adduct may or may not require different codes in Japan; hydroxyzine (1179005 for hydrochloride, 1179019 for pamoate) or promethazines (4413002).
- 3) ATC codes for topical use were excluded, e.g. A07EA Corticosteroids acting locally, D04AA Antihistamines for topical use; defined daily dose (DDD) are not available for most of those.

Proposal for drug coding of “List of drugs to consider starting”<sup>1)</sup>

Therapeutic category/JAN English name	Japan <sup>2)</sup>	ATC <sup>2)</sup>
<b>Antiparkinson drugs</b>		
Coombination	1169100	N04BA02
Coombination	1169101	N04BA02
Coombination	1169102	N04BA03
<b>Vaccine: Influenza</b>		
Influenza HA Vaccine (A/H1N1)	NA	J07BB02
Influenza HA Vaccine	631340F	J07BB02
Adsorbed Influenza Virus Vaccine (H5N1)	631340M	J07BB01
Influenza HA Vaccine	NA	J07BB01
Influenza HA Vaccine	NA	J07BB01
<b>Vaccine: Pneumococcal</b>		
Pneumococcal Polysaccharide Conjugate Vaccine (adsorbed)	631140G	J07AL52
Pneumococcus Vaccine	6311400	J07AL01
<b>Cardiovascular system: Angiotensin conversion enzyme (ACE) inhibitor</b>		
Alacepril	2144003	C09AA
Benazepril Hydrochloride	2144007	C09AA07
Captopril	2144001	C09AA01
Cilazapril Hydrate	2144005	C09AA08
Delapril Hydrochloride	2144004	C09AA12
Enalapril Maleate	2144002	C09AA02
Imidapril Hydrochloride	2144008	C09AA16
Lisinopril Hydrate	2144006	C09AA03
Perindopril Erbumine	2144012	C09AA04
Quinapril Hydrochloride	2144010	C09AA06
Temocapril Hydrochloride	2144009	C09AA14
Trandolapril	2144011	C09AA10
<b>Cardiovascular system: Angiotensin receptor blocker (ARB)</b>		
Azilsartan	2149048	C09CA09
Candesartan Cilexetil	2149040	C09CA06
Irbesartan	2149046	C09CA04
Olmesartan Medoxomil	2149044	C09CA08
Telmisartan	2149042	C09CA07
Valsartan	2149041	C09CA03
Losartan Potassium	2149039	C09CA01
Coombination (See Table 3-3)	2149110	C09DA01
	2149111	C09DA06
	2149112	C09DA03
	2149113	C09DA07
	2149114	C09DB01
	2149115	—



Therapeutic category/JAN English name	Japan <sup>2)</sup>	ATC <sup>2)</sup>
	2149116	C09DB07
	2149117	C09DB04
	2149118	C09DB05
	2149119	C09DA04
	2149120	–
	2149121	–
<b>Cardiovascular system: Lipid modifying agents (Statine)</b>		
Atorvastatin Calcium Hydrate	2189015	C10AA05
Fluvastatin Sodium	2189012	C10AA04
Pitavastatin Calcium Hydrate	2189016	C10AA08
Pravastatin Sodium	2189010	C10AA03
Rosuvastatin Calcium	2189017	C10AA07
Simvastatin	2189011	C10AA01
Coombination (See Table 3-3)	2190101	C10BX03
	2190102	
	2190103	
	2190104	
<b>Urologicals: Drugs for benign prostatic hypertrophy (selective alpha-1 blockers)</b>		
Naftopidil	2590009	G04CA
Silodosin	2590010	G04CA04
Tamsulosin Hydrochloride	2590008	G04CA02
<b>Antineoplastic and immunomodulating agents: Drugs for rheumatoid arthritis</b>		
Actarit	1149031	M01CX
Auranofin	4420001	M01CB03
Bucillamine	4420002	M01CC02
Iguratimod	3999031	M01CX
Leflunomide	3999020	L04AA13
Lobenzarit Sodium	1149020	M01CX
Methotrexate	4222001	L01BA01
	3999016	L04AX03
Mizoribine	3999002	L04AX
Salazosulfapyridine	6219001	A07EC01
Tofacitinib Citrate	3999034	L04AA29

ATC: Anatomical Therapeutic Chemical Classification System

JAN: Japanese Accepted Names for Pharmaceuticals

- 1) Drugs that had been previously approved but do not currently being marketed are excluded. The list includes long-term oral use drugs as a general rule, except self-injection insulin, according to the guidelines (Japan Geriatric Society. Guidelines for Medical Treatment and its Safety in the elderly 2015 (In Japanese). Toyko, Medical View Co., Ltd. 2015.)
- 2) the first 7-digit numbers of the code of the Japanese drug price list. A different base adduct may or

may not require different codes in Japan; hydroxyzine (1179005 for hydrochloride, 1179019 for pamoate) or promethazines (4413002).

- 3) ATC codes for topical use were excluded, e.g. A07EA Corticosteroids acting locally, D04AA Antihistamines for topical use; defined daily dose (DDD) are not available for most of those.

Proposal for coding the combination drugs of “List of drugs to be prescribed with special caution” and “List of drugs to consider starting”

Combination drugs (substance name in JAN)	Japan <sup>1)</sup>	ATC <sup>2)</sup>
“List of drugs to be prescribed with special caution”		
Chlorpromazine Hydrochloride Phenobarbital * Promethazine Hydrochloride	1179100 1179101	R06AD52 promethazine, combinations or N05AA01 chlorpromazine, R06AD02 promethazine
Diphenhydramine Salicylate Diprophylline *	1339100	R06AA52 diphenhydramine, combinations
D-chlorpheniramine Maleate Betamethasone	2459100	R06AB52 dexchlorpheniramine, combinations or R06AB02 dexchlorpheniramine, A07EA04 betamethasone
Chlorpheniramine maleate Dihydrocodeine phosphate * dl-Methylephedrine hydrochloride *	2229100 2229101 2229102	R06AB54 chlorphenamine, combinations
Dihydrocodeine phosphate * dl-Methylephedrine hydrochloride * Chlorpheniramine maleate	2229104	R06AB54 chlorphenamine, combinations
Diprophylline * Papaverine Hydrochloride * Diphenhydramine Hydrochloride Ephedrine Hydrochloride * Noscapine *	2229111	R06AA57 diphenylpyraline, combinations
Aspirin (acetylsalicylic acid) Aluminum Glycinate * Magnesium Carbonate *	1143010 3399100	N02BA51 acetylsalicylic acid, combinations excl. psycholeptics

Aspirin (acetylsalicylic acid) Clopidogrel Sulfate	3399101	B01AC06 acetylsalicylic acid, B01AC04 clopidogrel
Aspirin (acetylsalicylic acid) Lansoprazole	3399102	B01AC56 acetylsalicylic acid, combinations with proton pump inhibitors or B01AC06 acetylsalicylic acid, A02BC03 lansoprazole
Insulin Degludec (Genetical Recombination) Insulin Aspart (Genetical Recombination)	2492500	A10AD06 insulin degludec and insulin aspart
“List of drugs to consider starting”		
Entacapone * Carbidopa Hydrate Levodopa	1169102	N04BA03 levodopa, decarboxylase inhibitor and COMT inhibitor or N04BA02 levodopa and decarboxylase inhibitor
Carbidopa Hydrate * Levodopa	1169101	N04BA02 levodopa and decarboxylase inhibitor
Benserazide Hydrochloride * Levodopa	1169100	N04BA02 levodopa and decarboxylase inhibitor
Azilsartan Amlodipine Besilate	2149121	C09CA09 azilsartan medoxomil, C08CA01 amlodipine
Azelnidipine Olmesartan Medoxomil	2149115	C08C selective calcium channel blockers with mainly vascular effects, C09CA08 olmesartan medoxomil
Amlodipine Besilate Irbesartan	2149118	C09DB05 irbesartan and amlodipine
Amlodipine Besilate Candesartan Cilexetil	2149116	C09DB07 candesartan and amlodipine
Amlodipine Besilate Telmisartan	2149117	C09DB04 telmisartan and amlodipine
Amlodipine Besilate Valsartan	2149114	C09DB01 valsartan and amlodipine

Irbesartan Trichlormethiazide	2149119	C09DA04 irbesartan and diuretics
Candesartan Cilexetil Hydrochlorothiazide	2149111	C09DA06 candesartan and diuretics
Cilnidipine Valsartan	2149120	C08CA14 cilnidipine, C09CA03 valsartan
Termisartan Hydrochlorothiazide	2149113	C09DA07 telmisartan and diuretics
Valsartan Hydrochlorothiazide	2149112	C09DA03 valsartan and diuretics
Hydrochlorothiazide Losartan Potassium	2149110	C09DA01 losartan and diuretics
Atorvastatin Calcium Hydrate Amlodipine Besilate	2190101	C10BX03 atorvastatin and amlodipine

\* Substances are excepted from the STOPP-J list (Table 3-1 and 3-2).

ATC: Anatomical Therapeutic Chemical Classification System

JAN: Japanese Accepted Names for Pharmaceuticals

1) The first 7-digit numbers of the code of the Japanese drug price list. The drugs with a different compounding ratio of active substances need different codes in the National Health Insurance Drug Price Standard in Japan.

2) Some combination drugs have individual ATC codes.