

NEW FORM CODE CLASSIFICATION
GUIDELINES

VERSION 2011

PUBLICATION DATE

JANUARY 2011

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INTRODUCTION

The THREE LETTER CODE (TLC) was introduced as a dosage Form Code in the audits during the middle of the 1960s.

A large number of new dosage forms have appeared since that time and it was considered that revision of the system was required in order that a unified, worldwide classification could be developed. The Annual General Meeting of the EphMRA in 1984 decided to create a Working Party to discuss suggested improvements to the classification, and members were appointed from representative countries and IMS. This group based their work upon proposals, which were already under consideration between some members and IMS.

The result of the Working Party deliberations was the NEW FORM CODE (NFC) which was accepted for the worldwide introduction at the 1985 AGM of EphMRA. At that meeting it was also agreed that the New Form Code Committee should assume responsibility for further improvements and development of the NFC in addition to the allocation of correct codes.

In 1988 the NFC replaced the TLC in the audits and on the databases. As far as possible the conversion had been completed automatically using IMS programs based on the "form descriptions". Where that description was incorrect, assistance was given by the NFC Committee. **All users are requested to inform either IMS or members of the NFC Committee if they discover an error or believe that a code allocation may be in doubt.**

Since the main objective of the NFC is to maintain an international uniformity of the coding structure for the audits and the databases, it is important that the classification remains simple and easy to understand. Only if this is achieved for all forms and countries will it be possible to use the code for international investigation of dosage forms.

These notes are known as the New Form Code Classification Guidelines, and are intended to be used in conjunction with the Classification. This **English** version of the Guidelines is the authorised, definitive version produced by EphMRA.

Within these Guidelines the terms "active ingredient" and "active substance" are synonymous and used interchangeably. These terms cover chemical, biological, biotechnical, living (e.g. fly larvae) and synthetic agents and extracts be they tissue plant or natural.

GENERAL CLASSIFICATION RULES

Rule 1. Level of Detail

The form should be classified according to the information that is contained in the reference literature or announcements by the manufacturer. For example when the manufacturer uses the name suspension in the pack description and the literature specifies powder for suspension; the correct code is dry powder for suspension.

Generic products will be classified according to the level of information available from the generic manufacturers.

Parallel imports will be classified according to the local product against which the products is imported.

Rule 2. Long-acting and Ordinary Forms

Long-acting as used in the New Form Code classification primarily refers to the form of a preparation and not to the active ingredient. However, modification of the chemical ingredient e.g. pegylation, may also be classified as long-acting if long action is claimed by the manufacturer. Long-acting (Retard) forms are only classified as long-acting if this information is provided by the manufacturer in the literature or if implied in the product name e.g. Depo Provera (Upjohn) or pack description. If the ingredients are known pharmacologically to have a long duration of action and the manufacturer does not specify that the form is long-acting, the form is classified ordinary. The manufacturer's marketing policy must not be changed by the classification.

Injectable preparations with a special 'long-acting' formulation e.g. oil, oily suspension, aqueous suspension, ester etc for intramuscular, subcutaneous, intra-articular and intrasynovial administration are also classified as long-acting.

Note that forms described as delayed action or delayed release are classified as ordinary unless they are also long-acting.

Rule 3. Alphabetical Rule

If more than one code could be valid for a form, inconsistencies could result in the allocation of codes between countries. Therefore, in these cases the code with the higher sequence in the alphabet should be taken. That is, A will be used before B, B will be used before C, and so on. This rule should apply at the first and second levels of the NFC. For example, preparations for both the eye and the ear are classified as eye preparations with the first letter N. For the third letter, normally use the letter that provides the most specific information (e.g. if a product is an enteric coated tablet then use .BD not .BA) and only apply the Alphabetical Rule if there are two or more equally valid codes.

This methodology has been used in the Guidelines for the EphMRA Anatomical Classification in a similar way for many years.

Rule 4. Oral Systemic Forms Which Require Modification Before Use

Some oral forms have to be prepared before use, e.g. a dry syrup which requires the addition of water. The form of the product is solid, but the patient takes it as a liquid. In this case the first letter of the NFC should be "Oral Liquid". The second and third letters will indicate the dry form. This also applies to baby food which needs the addition of water before use, and so should have D..as the first letter.

The only exceptions to this rule are effervescent and soluble tablets which are classified as first letter A...

THE HIERARCHIES WITHIN THE SYSTEM

The New Form Code Classification is based on three letters. The first letter is independent of the following two letters; it can be used on its own, in combination with the second letter and also with the second and third letters. The second letter could in principle be combined with every first letter. The third letter may only be used in combination with the second letter. However, although every combination between the first and the other letters is possible, a limitation is given in the list of "Valid New Form Codes" in order that international uniformity may be ensured.

All new codes and new valid codes have to be approved by the New Form Code Committee before they may be used.

The limitation of three letters places restrictions on having a thoroughly logical system with the capability of separating the site of application from the long-acting effect. This would require a fourth letter. At present this limitation is due to the computer program which can only deal with three letters.

DEFINITION OF THE FIRST LETTER

In general, the first letter differentiates between forms for systemic and topical effect, site of application, and also between long-acting and ordinary forms.

Systemic effect as defined by the NFC classification includes the gastrointestinal application of drugs, such as antacids, which have an effect on the mucous membranes but do not have systemic effect in the scientific sense. In other words, oral forms presented as either solid or liquid are classified as systemic with the exception of forms for example, for the disinfection of the oral cavity or pharynx which are classified as topical.

According to the Classification Rule 2, long-acting forms are only classified as "Long-Acting" with the first letter if the manufacturer states this in the literature or pack description. If the manufacturer names a drug "retard" (or similar) then it is classified as long-acting. If the substance is pharmacologically long-acting and the manufacturer does **NOT** refer to the form as long-acting the correct code will be ordinary. The manufacturer's marketing policy must be reflected in the classification.

This rule is used for the oral solid and liquid forms as well as for parenteral injections.

THE VALID FIRST LETTER CODES

The valid first letter codes are:

Systemic

Ordinary

- A.. Oral Solid Ordinary
- D.. Oral Liquid Ordinary
- F.. Parenteral Ordinary
- H.. Rectal Systemic
- I.. Nasal Systemic
- J.. Other Systemic

Long-Acting

- B.. Oral Solid Long-Acting
- E.. Oral Liquid Long-Acting
- G.. Parenteral Long-Acting

Topical

- K.. Oral Topical
- M.. Topical, Dermatological, Haemorrhoidal, External
- N.. Ophthalmic
- P.. Otic
- Q.. Nasal Topical
- R.. Lung Administration
- T.. Vaginal/Intra-uterine

Others

- V.. Non-human Use and Others e.g. laboratory tests
- Z.. Unknown

A.. Oral Solid Ordinary

All oral solid ordinary forms with a systemic effect.

Some products with a local effect in a scientific sense are included here, e.g. antacids with a local effect on the mucous membranes. This group also contains some oral solid forms where the systemic effect is either doubtful or not evident.

Generally speaking, all oral solid forms are included with the exception of those for disinfection or anaesthesia in the oral cavity or larynx which are in K...

Effervescent and soluble tablets for systemic use are included in this group. Also included are powders or granules to be sprinkled onto food.

B.. Oral Solid Long-Acting

All oral solid forms described under A..provided they are declared to be long-acting or similar, as specified under the Classification Rule 2.

D.. Oral Liquid Ordinary

All oral liquid ordinary forms with a systemic effect.

Some products with a local effect in a scientific sense are included here, e.g. antacids with a local effect on the mucous membranes. This class also includes foods and certain forms to which liquid has to be added before use.

Effervescent and soluble tablets are excluded from this group; they are included in group A.

E.. Oral Liquid Long-Acting

All oral liquid forms described under D..provided they are declared to be long-acting or similar, as specified under Classification Rule 2.

F.. Parenteral Ordinary

All parenteral ordinary forms with a systemic effect.

Forms with a topical effect only are excluded and allocated into one of the topical first letter groups. This applies mainly to irrigation, perfusion and dialysis fluids which have the first letter M.

Parenteral forms of local anaesthetics, muscle relaxants or sclerosants which are injected are included in this group. Also included are anitcoagulant and preservative solutions to be mixed with blood, for blood transfusions and plasmapheresis.

G.. Parenteral Long-Acting

All parenteral forms described under F., provided they are declared to be long-acting or similar, as specified under the Classification Rule 2.

H.. Rectal Systemic

All rectal forms with a systemic effect.

Excluded are rectal forms used for evacuations and haemorrhoids where the effect is topical. These are classified under the first letter M..

I.. Nasal Systemic

Forms for nasal application with systemic effect are included here.

J.. Other Systemic

This group contains all other forms with a systemic effect which are not mentioned in the previous groups.

Included here are transdermal therapeutic systems such as nitrate patches, which have a systemic effect but are administered topically.

Inhalation narcotics are included as are other inhalers with a systemic effect, for example, inhalers containing ergotamine. However, inhalation aerosols, liquids and powders for asthma are classified under R..

K.. Oral Topical

All forms for a local effect on the mouth, teeth and throat including those for disinfection and analgesia. Injectable forms for local anaesthesia are excluded; they are classified with the first letter F.. Forms used primarily on the lips, e.g. anti-viral lip products, are in M..

M.. Topical, Dermatological, Haemorrhoidal, External

This group includes forms with a topical effect such as dermatological, urological, external, haemorrhoidal and for rectal evacuations.

These forms may be differentiated by using the NFC in combination with the Anatomical Classification (ATC).

Excluded are all oral topical, ophthalmic, otic, nasal, lung and vaginal applications which have separate first letters.

Diagnostic skin patches, male condoms and stomach care products are included in this group. Dialysis, irrigation and perfusion solutions are also included here.

Products administered intradermally for a topical effect are included in this class. Those administered intradermally but have a systemic action are in F.. or G..

Also included here are ointments such as Vick Vapourub and inhalations for colds or affections in the nose and mouth.

N.. Ophthalmic

All forms for ophthalmic use.

Contact lens lubricants (e.g. wetting solutions) are included because they are applied to the eye. However, forms for contact lens care, used for the lens but not for the eye (e.g. soaking, sterilising solutions), are classified under V..

For combined wetting, soaking, sterilising or neutralising solutions (where these come into contact with the eye), the Alphabetical Rule applies and these are classified under N..

Forms of application for both eye and ear or eye and nose are also included here according to the Alphabetical Rule.

Eye drops in solution are classified NGB, those in suspension NGK and those as dry powders for reconstitution NGJ. Lid scrubs for blepharitis (e.g. OCuSOFT Cynacon, USA) are included in N..

P.. Otic

All forms for otic application. Eardrops in solution are classified PGB, those in suspension PGK and those as dry powders for reconstitution PGJ.

Excluded are applications, which may be used for the eye or the ear; these are classified under N..

Q.. Nasal Topical

All nasal applications for a local effect. Nose drops in solution are classified QGB and those in suspension QGK. Excluded are applications which may be used for both the eye or the nose; these are classified under N..

Products supplied with both a nasal adaptor and a mouthpiece for lung administration are classified in Q..

Nasal forms indicated for systemic effect are in I..

R.. Lung Administration

The defining characteristics of this group is administration to AND topical effect in or on the lung.

Therefore, this class contains forms of products classified as anti-asthmatics in the group R3 of the Anatomical Classification and anti-infective/fungal preparations administered directly to the lung for a topical effect. Not every form of anti-asthmatic is classified here, i.e. tablets for asthma are classified as oral systemic, only products which are inhaled are classified in this group. Therefore, R.. contains metered-dose pressurised aerosols, liquids for use in a nebuliser or in a mechanical aerosol device, and substances in inhaler capsules. If the inhaler device is supplied alone, without active ingredients, it is classified as VZY.

Metered-dose or normal pressure aerosols which are for inhalation but which have a systemic effect, for example, inhalers containing ergotamine, are excluded and classified under the first letter J..

Also excluded are ointments such as Vick Vapourub and inhalations for colds or affections in the nose and mouth which are classified under the first letter M..

If a particular dosage form of a drug can be used both orally and by nebulising, the correct code is e.g. Bisolvon drops which may be used orally or in a mechanical nebuliser.

Products supplied with both a nasal adaptor and a mouthpiece for lung administration are classified in Q..

This class also includes products administered intrapleurally for a local effect on the lung e.g. Steritalc.

T.. Vaginal/Intra-uterine

All vaginal applications. Products for vulval application only are also included here.

Ovuli, globuli, pessaries, intra-uterine devices, vaginal suppositories etc are included here.

Also included are ointments, creams and liquids for vaginal application.

V.. Non-Human Use and Others

The defining characteristic is that forms classified in this group have no direct therapeutic or pharmacological effect on the human body; contact is not excluded. Therefore, laboratory tests, urinary sticks for diagnostic tests, aerosols for disinfection of rooms, fumigating candles, inhalation devices, empty syringes/injection pens and so on, are included here.

Other forms which cannot be classified in the groups mentioned above and bulk products used as raw materials are included here.

Z.. Unknown

This group is only for forms with unknown applications.

Forms classified here should be corrected as soon as the exact information becomes available. Z.. is a code for 'temporary' use only.

DEFINITION OF THE SECOND LETTER

The second letter indicates the general form of medication and is independent of the first letter. On the database, this gives the possibility of selecting all liquids independent of the site of application, all tablets independent of ordinary or long-acting effect and systemic or topical use, etc.

For the distinction of the specific form the third letter is to be used together with the second letter.

THE VALID SECOND LETTER CODES

The valid second letter codes are:

Solid forms	.A.	Tablets
	.B.	Coated Tablets
	.C.	Capsules
	.D.	Solid Special Forms
	.E.	Powders/Granules
Gases	.F.	Gases
Liquids	.G.	Liquids
	.H.	Pressurised Aerosols
	.J.	Bath Preparations
	.K.	Teas
Suppositories	.L.	Suppositories
Injections	.M.	Ampoules
	.N.	Pre-filled Syringe
	.P.	Vials
	.Q.	Infusions
Ointments	.S.	Ointments
	.T.	Creams
	.V.	Gels and Sols
Others	.W.	Medicated Dressings
	.Y.	Other Special Forms
	.Z.	Medical Aids

DEFINITION OF THE THIRD LETTER

The third letter subdivides the general form of medication as defined by the second letter into more specific dosage forms. Therefore, the third letter can only be used together with the second letter. Normally, the third letter that provides the most specific information is used (e.g. if a product is an enteric coated tablet then use .BD not .BA). For the third letter, only apply the Alphabetical Rule if there are two or more equally valid codes, (e.g. Videx tablets, Bristol-Myers Squibb Australia, can be crushed and dispersed in water, or chewed. Both .AK and .AG are equally valid, but .AG is chosen according to the Alphabetical Rule).

The third letter ..A normally indicates the form of the second letter without any specification. For example, .AA means tablets not otherwise specified (NOS).

The third letter ..Y is for new forms of the second level when only a few products with such forms are on the market and for which no third level has been created. A separate third letter group will be devised for these as necessary.

The third letter ..Z is for combination packs, that is, two or more forms in the same pack that are each used separately. For example, an oral tablet in combination with a topical ointment. Here the Alphabetical Rule has to be taken into consideration hence, this example would be classified as .AZ and if the tablets are ordinary, for oral use they would be classified as AAZ. Also, packs containing both sugar-coated and plain (non-coated) tablets are classified .AZ.

Packs supplied with a second form containing diluent that contains no active ingredient, are not considered to be combination packs. These should be classified according to how the active ingredient is supplied. Form example, an injectable antibiotic dry powder vial supplied with an ampoule of diluent e.g water for injection, should be classified as .PB.

Packs supplied with two or more forms, each containing active ingredient(s), that need to be combined before administration are also not considered to be combination packs. These should be classified as their final form. Form example, a product supplied as a bottle of powder plus an ampoule of solvent/diluent, both containing active ingredients. The two forms are mixed in the bottle and the resulting solution administered as a nasal spray. In this case, the product should be classified as QGC.

VALID COMBINATIONS OF SECOND AND THIRD LETTERS AND DEFINITIONS

.A. TABLETS

.AA TABLETS

Tablets not otherwise specified (NOS) including pills. Coated pills should be in .BA. Vaginal tablets and pessaries in a compressed tablet format are classified TAA.

.AB ORALLY DISINTEGRATING TABLETS

Tablets that disintegrate, dissolve or melt quickly on the tongue or mouth without the need of taking them with liquid. They can be manufactured by freeze-drying (Lycos, Zydis) or any other process (Rapimelt, Schmelztzab). For those that disintegrate, the resulting particles may be plain, enteric coated or otherwise coated.

.AE BUCCAL TABLETS

Tablets for buccal use to be placed in the buccal pouch.

.AF SUBLINGUAL TABLETS

Tablets for sublingual use to be placed under the tongue.

.AG CHEWABLE TABLETS

Tablets which are specially formulated to be chewed. Chewable tablets which can also be sucked or swallowed are also in .AG.

.AH EFFERVESCENT TABLETS

Tablets which dissolve in water with the formation of carbon dioxide.

.AJ LAYERED TABLETS

Tablets which are prepared by compressing, coating etc, other layers of active ingredients around pre-formed tablets.

.AK SOLUBLE TABLETS

Tablets which have to be dissolved in water before use. This includes soluble and dispersible tablets.

.AX ENEMA TABLETS

Tablets for preparation of an enema.

.AY OTHER TABLETS

Other special forms of tablets

.AZ COMBINATION PACK TABLETS

Combination packs of tables together with other forms in the same pack. This includes packs containing tablets with other forms which are classified with a lower alphabetical sequence.

.B. COATED TABLETS

.BA COATED TABLETS

Coated tablets not otherwise specified (NOS) including sugar coated tablets, dragees, pills, etc. This code should be used when the coating is not clearly defined. Forms described as lozenges or pastilles should be classified in .DE.

.BB GELATIN-COATED TABLETS

Tablets coated with a film of gelatin e.g. geltabs.

.BC FILM-COATED TABLETS

Film-coated tablets; the coating is a very thin film. Tablets which are both sugar-coated and film-coated are included in this class.

.BD ENTERIC-COATED TABLETS

Enteric-coated tablets are prepared in such a manner that the coat resists the action of the gastric fluid but disintegrates in the intestinal fluid to release the contents. Acrylic coated tablets are also classified .BD.

.BF SUBLINGUAL COATED TABLETS

Coated tablets for sublingual use to be placed under the tongue.

.BG CHEWABLE COATED TABLETS

Coated tablets which have to be chewed and then swallowed.

.BN MEMBRANE-COATED TABLETS

Membrane coated tablets are coated with a semipermeable film which has one small hole to release the ingredient in a long-acting manner. These are 'OROS-type' products.

.BY OTHER COATED TABLETS

Other special forms of coated tablets.

.BZ COMBINATION PACK COATED TABLETS

Combination packs of coated tablets together with other forms in the same pack. This includes packs containing coated tablets with other forms which are classified with a lower alphabetical sequence.

.C. CAPSULES

Capsules consist of active substance(s) enclosed in a shell. The active substance may be in a number of forms e.g. powders, granules, pellets or as a liquid. Each capsule is a unique unit of use i.e. a dose consists of one or more capsules, as prescribed.

.CA CAPSULES

Capsules not otherwise specified (NOS). Vaginal capsules which have a shell and a separate filling are in TCA. Examples of vaginal capsules are Polygymax (UCB), Oestrogal-N (Atzinger) and Fossyol (Merckle).

.CD ENTERIC-COATED CAPSULES

Enteric-coated capsules are coated in such a manner that the coat resists the action of gastric fluid but dissolves in the intestinal fluid to release the contents. Note that capsules containing enteric-coated pellets/granules are in .CY.

.CE BUCCAL CAPSULES

Capsules for buccal use.

.CF BITING CAPSULES

Capsules which the patient has to bite and the substance is absorbed through the mucus membranes.

.CG CHEWABLE CAPS

Capsules which have to be chewed and then swallowed.

.CN MEMBRANE CAPSULES

Membrane capsules are capsules with semipermeable surface which has one small hole to release the ingredient in a long-acting manner.

.CS CACHETS

Cachets are edible containers containing dry powdered drugs for oral administration. The shell consists of two concave pieces of wafer made of flour and water.

.CT INHALER CAPSULES

Capsules e.g. Spincaps for use in special inhalers e.g. Spinhaler, including all capsules containing powders for insufflation.
The Spinhaler device without the capsules will be in VZY.

.CV CAPSULES FOR TOPICAL APPLICATION

Capsules for topical administration, for example, Nitronal gel capsules (Pohl-Boskamp) which are classified JCV and Karvol Capsules (Crookes) which are classified MCV. The contents of the capsules can be applied to the skin.

.CY OTHER CAPSULES

Other special forms of capsules. This includes capsules containing mixtures of different forms e.g. powder/granules/pellets within one capsule. It also includes capsules containing coated and enteric-coated pellets. However, if the coating is to achieve long action only, BCA is used.

.CZ COMBINATION PACK CAPSULES

Combination packs of capsules together with other forms in the same pack. This includes packs containing capsules with other forms which are classified with a lower alphabetical sequence.

.D. SOLID SPECIAL FORMS

Capsules consist of active substance(s) enclosed in a shell. The active substance may be in a number of forms e.g. powders, granules, pellets or as a liquid. Each capsule is a unique unit of use i.e. a dose consists of one or more capsules, as prescribed.

.DD PELLETS

Include coated and uncoated pellets, micropellets and microcapsules. Unit dose forms of these are also included e.g. sachets.

.DE LOZENGES

Forms described as lozenges or pastilles which are oral solid dosage forms placed in the mouth where they slowly dissolve and liberate the active ingredient. They can contain antiseptics, antibiotics, local anaesthetics etc for a topical effect and also substances for a systemic effect e.g. vitamins.

Forms which are specially formulated as lozenges or pastilles but can also be swallowed are also in .DE.

.DF CHEWING GUM

Chewing gum.

.DG SWEETS/CANDY/BONBONS

Sweets, candy and bonbons.

.DN OCULAR THERAPEUTIC SYSTEMS

Ocular therapeutic systems are inserted into the upper or lower conjunctival sac and are designed to provide a continuous release of the drug, for example, Ocusert (May & Baker), NODS (Smith and Nephew).

.DP CUBES

Cubes, solid pastes divided in the form of cubes.

.DQ CAKES/CHOCOLATE/BARS/BISCUITS

Medicinal cakes, chocolates, bars, biscuits are included here. Other forms for dietary purposes are included in .YH or .YG.

.DR. GLOBULI AND HOMEOPATHIC GLOBULI

Very small globuli especially homeopathic globuli.

.DY OTHER SPECIAL SOLID FORMS

Other special solid forms. Antibiotic chain beads and powders containing microspheres are classified MDY.

.DZ COMBINATION PACK SPECIAL FORMS

Combination packs of special solid forms together with other forms in the same pack. This includes packs containing special solid forms with other forms which are classified with a lower alphabetical sequence.

.E. POWDERS/GRANULES

.EA POWDERS

Powders not otherwise specified (NOS). In Japan unit dose powders will also be in this class.

.EB GRANULES

Granules not otherwise specified (NOS). In Japan unit dose granules will also be in this class.

.EC DUSTING POWDERS

Dusting powders, powders for dermatological use only.

.ED MEDICINAL/PHARMACEUTICAL SOLID SUBSTANCES

Medicinal/pharmaceutical solid and semi-solid substances, intended for use in the pharmacist's laboratory. These are in VED

.EF SUBLINGUAL POWDERS/GRANULES

Sublingual powders or granules for sublingual use. In Japan unit dose sublingual powders/granules will also be in this class.

.EH EFFERVESCENT POWDERS/GRANULES

Effervescent powders or granules. Effervescent powders or granules in unit doses are in .EP. In Japan effervescent powders or granules in unit doses will also be in this class.

.EK SOLUBLE POWDERS

Soluble powders or granules which have to be dissolved in water before use. Those in unit doses are in .EP. Powders which are reconstituted in the same container to make suspensions, syrups, solutions etc. will be classified in .GJ. Powders which are reconstituted for use in dialysis machines are in MEK. In Japan unit dose soluble powders will also be in this class.

.EM. UNIT DOSE POWDER INHALER NON-REFILLABLE

Non-refillable unit dose dry powder inhalers activated by inspiration of breath (breath-actuated) e.g. Accuhaler/Diskus (GlaxoSmithKline). These deliver a unit dose of dry powder from a blister containing a pre-measured single dose of powder.

.EN UNIT DOSE POWDER INHALER REFILLABLE

Unit dose powders e.g. Becodisks, Ventodisks for use with refillable breath-actuated devices e.g. Diskhaler. These deliver a unit dose of dry powder from a blister containing a pre-measured single dose of powder. The Diskhaler device without the powders will be in VZY.

.EP UNIT DOSE POWDERS

Powders and granules (coated or uncoated) in unit dose packs. This includes gargles, mouthwashes and oral systemic suspensions supplied as powders or granules in sachets. Sachets are paper-covered unit dose packs. The paper is often coated with aluminium or a plastic film to protect the ingredients from humidity.

Unit dose powder inhalations are in .EM or .EN. Breath-actuated, metered-dose powder inhalers e.g. Turbohaler (Astra) or Clickhaler (Celltech Pharm, UK), are classified here. These products release a metered-dose from a reservoir of powder.

Note that effervescent or soluble powders and granules in unit dose form are classified here and not in .EH and .EK. Note that AEP and DEP are not used in Japan.

.EX ENEMA POWDERS

Powders to prepare enemas.

.EY OTHER POWDERS/GRANULES

Other special forms of powder or granules.

.EZ COMBINATION PACK POWDERS/GRANULES

Combination packs of powders or granules together with other forms in the same pack. This includes packs containing powders or granules with other forms which are classified with a lower alphabetical sequence.

.F. GASES

.FA GASES FOR INHALATION

Gases for inhalation. Anaesthetic and analgesic gases for inhalation are classified as JFA. Volatile anaesthetic liquids are in JGE.

.G. LIQUIDS

.GA LIQUIDS

Liquids not otherwise specified (NOS). There are other synonyms in use which cannot be precisely defined and are arbitrarily used by manufacturers, e.g. linctus, fluid, elixir, liniment, rubbing alcohols, mouth-wash, solution, mixture, juice, tincture or similar.

All these synonyms are treated as "liquid". Medicinal/pharmaceutical liquids, intended for use in the pharmacist's laboratory are in VGA.

.GB DROPS

Drops are liquids administered in small volumes. Eye, ear and nose drops in suspension are classified in .GK., those in dry powders for reconstitution are in .GJ.

.GC SPRAYS WITHOUT GAS

Spray without a pressurised gas in the pack, e.g. nasal spray. Included is spray not otherwise specified. Metered-dose sprays without a pressurised gas are classified as .GP.

.GD COLLODION/LACQUERS

Collodion and Lacquers.

Collodions are liquid preparations usually containing a mixture of ether and ethanol that are intended for application to the skin.

.GE LIQUID INHALATIONS

Liquids for inhalation, when inhalation is the only use. This includes volatile liquids used for anaesthesia.

.GF SUBLINGUAL LIQUIDS

Sublingual drops or liquids for sublingual use.

.GH OILS

Oils.

.GJ DRY SUSPENSIONS/SYRUPS/DROPS

This includes dry suspensions, syrups, drops or solutions in powder form which have to be made up with water before use. They will be characterised by all of the powder form being dissolved in the same container at the time of mixing. Eye, ear and nose drops in powders for reconstitution are classified in .GJ.

.GK SUSPENSIONS

Suspensions, ready for use without the addition of water. Eye, ear and nose drops in suspension are classified in .GK.

.GL EMULSIONS

Liquid emulsions.

.GM SYRUPS

Syrups, viscous liquids mainly with sugar or similar substance.

.GN UNIT DOSE LIQUIDS

This includes all liquids in unit dose packs e.g. drink ampoules/vials (DGN); inhalation liquids in unit dose (RGN). Also classified in RGN are pulmonary surfactants supplied as dry powder for reconstitution before use e.g. Exosurf (GlaxoSmithkline, USA).

.GP METERED-DOSE LIQUIDS

This includes all metered-dose sprays without a pressurised gas. Non-pressurised metered-dose liquids for administration to the lung are classified in RGP e.g. Respimat Soft Mist inhaler (Boehringer Ingelheim)

.GR SPIRIT/WINES

This includes products specified as spirits and wines, but does not include products where the alcohol is used as a preservative or for solubilising/extracting purposes. Includes forms for topical use, e.g. isopropyl alcohol.

.GS LOTIONS

These are liquids (particularly emulsions) especially called "lotion". "Milks for topical use are included here. Eye lotions/eyebaths are also included.

.GT SHAKING MIXTURES - DERMATOLOGICAL

Shaking mixture for dermatological use, containing solid small particles in suspension. It has to be shaken before use.

.GW LIQUID SOAPS/WASHES

Soap in liquid form and shampoos. Can include soap-free alternatives.

.GX ENEMA LIQUIDS

Enemas in liquid form.

.GY OTHER LIQUIDS

Other special liquid forms.

.GZ COMBINATION PACK LIQUIDS

Combination packs of liquids together with other forms in the same pack. This includes packs containing liquids with other forms which are classified with a lower alphabetical sequence.

Packs supplied with a second form containing diluent only are not considered to be combination packs.

.H. PRESSURISED AEROSOLS

.HA PRESSURISED AEROSOLS

Pressurised aerosols not otherwise specified (NOS). These contain a pressurised gas in the pack.

.HC PRESSURISED POWDERS

Pressurised powders including dusting powder sprays.

.HM BREATH-ACTUATED METERED-DOSE PRESSURISED INHALERS

Breath-actuated metered-dose inhalers containing Chlorofluorocarbon (CFC) propellants e.g. Aerolin Autohaler (3M).

.HN BREATH-ACTUATED CFC-FREE METERED-DOSE PRESSURISED INHALERS

Breath-actuated metered-dose inhalers containing non-CFC propellants.

.HP METERED-DOSE PRESSURISED AEROSOLS

Metered-dose aerosols containing a pressurised gas as a propellant. Metered-dose inhalers containing Chlorofluorocarbon (CFC) propellants are in RHP. For optimum delivery of the drug to the lungs, these inhalers require the patient to synchronise inspiration of breath with aerosol activation.

.HQ CFC-FREE METERED-DOSE PRESSURISED INHALERS

Metered-dose inhalers containing non-CFC propellants e.g. Airomir (3M). For optimum delivery of the drug to the lungs, these inhalers require the patient to synchronise inspiration of breath with aerosol activation.

.HS PRESSURISED OINTMENTS

Pressurised ointments and creams.

.HT PRESSURISED FOAMS

Pressurised foams.

.HW PRESSURISED SOAPS/WASHES

Soaps containing a pressurised gas in the pack. Can include soap-free alternatives.

.HY OTHER PRESSURISED AEROSOLS

Other special forms of aerosols containing a pressurised gas.

.HZ COMBINATION PACK PRESSURISED AEROSOLS

Combination packs of aerosols together with other forms in the same pack.

.J. BATH PREPARATIONS

.JA BATHS

Baths not otherwise specified (NOS). Eyebaths are included in .GS.

.JB SOLID SUBSTANCES FOR BATHS

Powders or solid substances, for example, salts to be used for baths.

.JH BATH OILS

Bath oils.

.JL BATH EMULSIONS

Bath emulsions.

.JP PARTIAL BATHS

Partial baths are forms specifically designed for parts of the body, for example, the arm.

.JS FOOT BATHS

Foot baths.

.JT FOAM BATHS

Foam baths.

.JV BATH TABLETS

Bath tablets and cubes.

.JY OTHER BATHS

Other special forms of baths.

.JZ COMBINATION PACKS BATH

Combination packs of baths together with other forms in the same pack. This includes packs containing baths with other forms which are classified with a lower alphabetical sequence.

.K. TEAS

Teas are aqueous infusions of plant materials. Where alcohol or other liquid is used to extract the crushed or powdered plant, over a long period of time, and the final solution drunk in small quantities, the correct code is DDY.

.KA TEAS

Tea leaves or other parts of the plant and teas not otherwise specified (NOS).

.KB TEA EXTRACT LIQUIDS

Tea extracts in liquid form.

.KJ INSTANT TEAS

Instant teas.

.KP TEA BAGS

Tea bags.

.KV TEA TABLETS

Tea tablets.

.KY OTHER TEAS

Other special forms of teas.

.KZ COMBINATION PACK TEAS

Combination packs of teas together with other forms in the same pack. This includes packs containing teas with other forms which are classified with a lower alphabetical sequence.

.L. SUPPOSITORIES

.LA SUPPOSITORIES

Suppositories not otherwise specified (NOS).

.LB ADULT SUPPOSITORIES

Suppositories specified for adults.

.LC PAEDIATRIC SUPPOSITORIES

Suppositories specified for paediatric use and for children.

.LS VAGINAL SUPPOSITORIES

This class includes ovuli and globuli for vaginal application. These may be egg shaped, bullet shaped or torpedo shaped. Also included are vaginal suppositories, which may be cylindrical in shape and pessaries which are not compressed. Compressed pessaries are considered tablets and will be in TAA. Vaginal films are in TYY.

.LX MICRO-ENEMAS

Micro-enemas, enemas in small volumes.

.LY OTHER SUPPOSITORIES

Other special forms of suppositories including long-acting forms.

.LZ COMBINATION PACK SUPPOSITORIES

Combination packs of suppositories together with other forms in the same pack. This includes packs containing suppositories with other forms which are classified with a lower alphabetical sequence.

.M. AMPOULES

Includes ampoules intended for injection or instillation. Ampoules for other route(s) of administration are classified according to their content and use e.g. oral unit dose "drink ampoules" should be classified in DGN while inhalation liquids supplied in an ampoule should be classified in RGN or RGE.

.MA AMPOULES

Ampoules not otherwise specified (NOS), including ampoules for multiple routes of administration. Ampoules for intra-arterial and intravascular administration are classified here but ampoules for intrathecal, epidural and intra-articular administration only, are classified .MY. Ampoules ONLY for infusion are classified in .Q.

.MB DRY AMPOULES

Ampoules containing powders granules or pellets which have to be made up with diluent before injection independent of the route of administration. Sometimes ampoules or vials with diluent are included in the pack.

.MC I V AMPOULES

Ampoules, containing liquids, indicated for intravenous use only. Ampoules which can be administered intravenously as well as by infusion are also in .MC. However, if they are in the form of powders for reconstitution before use, they are classified .MB.

.MD I M AMPOULES

Ampoules, containing liquids, indicated for intramuscular use only. However, if they are in the form of powders for reconstitution before use, they are classified .MB.

.ME S C AMPOULES

Ampoules, containing liquids, indicated for subcutaneous use only. However, if they are in the form of powders for reconstitution before use, they are classified .MB

.MS INSTILLATION AMPOULES

Ampoules for instillations.

.MY OTHER AMPOULES

Other special ampoules. Ampoules for intra-articular intrathecal , intradermal and epidural use only are included here. However, if they are in the form of powders for reconstitution before use, they are classified .MB. Ampoules for intra-arterial administration are classified in .MA.

.MZ COMBINATION PACK AMPOULES

Combination packs of ampoules together with other forms in the same pack. This includes packs containing ampoules with other forms which are classified with a lower alphabetical sequence. Packs supplied with a second form containing diluent are not considered to be combination packs.

.N. PRE-FILLED SYRINGES/PENS

Includes pre-filled syringes/pens intended for injection or installation. Pre-filled syringes/pens for other route(s) of administration are classified according to their content and use e.g. a unit dose dental gel supplied in a pre-filled syringe to aid application should be classified in KVP.

.NA PRE-FILLED SYRINGES

Pre-filled syringes, ready for use, including pre-filled syringes for multiple routes of administration and cartridges with needle units. Pre-filled syringes for intra-arterial and intravascular administration are classified here but pre-filled syringes for intrathecal, epidural and intra-articular administration only, are classified .NY. Pre-filled syringes which are specifically stated to be for addition to bags/bottles for infusion are classified in .QY.

.NB DRY PRE-FILLED SYRINGES

Pre-filled syringes and cartridges with needle units containing powders, granules or pellets with or without diluent (in vials or ampoules) and independent of the route of administration. Two compartment syringes where one compartment contains a powder and the other the diluent are also included here.

.NC I V PRE-FILLED SYRINGES

Pre-filled syringes and cartridges with needle units indicated for intravenous use only. Those which can be administered intravenously as well as by infusion are also in .NC.

.ND I M PRE-FILLED SYRINGES

Pre-filled syringes and cartridges with needle units indicated for intramuscular use only.

.NE S C PRE-FILLED SYRINGES

Pre-filled syringes and cartridges with needle units indicated for subcutaneous use only. Pre-filled multipuncture devices for systemic use (e.g. MONOVAX, Merieux, France) are included here.

.NF PRE-FILLED PENS

Disposable pre-filled pens (e.g. NovoLet), independent of the route of administration, are included here. Empty pen devices and empty needle-free delivery systems are classified in .ZY.

Pre-filled, disposable needle-free drug delivery systems are also classified here.

Disposable, pre-filled autoinjectors are classified in .NH (Pre-filled Autoinjectors).

.NG DRY PRE-FILLED PENS

Disposable pre-filled pens containing powders, granules or pellets with or without diluent (in vials or ampoules) and independent of the route of administration. Two compartment pens where one compartment contains a powder and the other diluent are also included here.

.NH PRE-FILLED AUTOINJECTORS

Disposable, pre-filled automatic injection devices (autoinjectors), independent of the route of administration are included here e.g. SureClick. Autoinjectors are easy to use and are intended for self-administration by patients.

Autoinjectors classified here contain active ingredient in a pre-filled syringe or cartridge pre-enclosed within the injection device. Empty autoinjectors are classified in .ZY.

.NS INSTALLATION PRE-FILLED SYRINGES

Pre-filled syringes instillation's.

.NY OTHER PRE-FILLED SYRINGES

Other special pre-filled syringes. Pre-filled syringes for intra-articular, intrathecal, intradermal and epidural use only are included here. Pre-filled syringes for intra-arterial administration are classified .NA.

.NZ COMBINATION PACK PRE-FILLED SYRINGES

Combination packs of pre-filled syringes together with other forms in the same pack. This includes packs containing pre-filled syringes with other forms which are classified with a lower alphabetical sequence.

Packs supplied with a second form containing diluent are not considered to be combination packs.

.P. VIALS

Includes vials intended for injection or installation. Vials for other route(s) of administration are classified according to their content and use e.g. oral unit dose vials should be classified in DGN while inhalation liquids supplied in a vial should be classified in RGN or RGE.

.PA VIALS

Vials including vials with multiple or single doses, and also vials for multiple routes of administration e.g. vials for subcutaneous and intramuscular injections. Vials for intra-arterial and intravascular administration are classified here but vials for intrathecal, epidural and intra-articular administration only are classified .PY. Vials stated to be for both injection and also infusion are classified here.

.PB DRY VIALS

Powders, granules or pellets in vials with or without diluent (in vials or ampoules) and independent of the route of administration.

.PC I V VIALS

Injection vials, containing liquids, indicated for intravenous use only. Vials which can be administered intravenously as well as by infusion are also in .PC. However, if they contain powders for reconstitution before use, they are classified .PB.

.PD I M VIALS

Injection vials, containing liquids, indicated for intramuscular use only. However, if they contain powders for reconstitution before use, they are classified .PB.

.PE S C VIALS

Injection vials, containing liquids, indicated for subcutaneous use only. However, if they contain powders for reconstitution before use, they are classified .PB.

.PF CARTRIDGES

Cartridges containing multiple doses. Cartridges with needle units e.g. Tubex (Wyeth Ayerst), Carpuject (Sanofi Winthrop) are considered to be pre-filled syringes and are in .N.

When a cartridge is an integral/fixed part of the injection device and cannot be replaced by the user, it is considered to be a pre-filled disposable injection pen. Such products are classified in .NF or .NG e.g. in the Netherlands Humalog-Humaject is described as a "patroon" (cartridge) although it is considered a pen.

.PG. DRY CARTRIDGES

Powders, granules or pellets in cartridges with or without diluent. This includes two compartment cartridges, dry powder cartridges and also dry powder vials used to charge cartridges for pensets e.g. Norditropin Penset (Novo Nordisk).

When a cartridge is an integral/fixed part of the injection device and cannot be replaced by the user, it is considered to be a pre-filled disposable injection pen. Such products are classified in .NF or .NG e.g. in the Netherlands Humalog-Humaject is described as a "patroon" (cartridge) although it is considered a pen.

.PP UNIT DOSE CARTRIDGES

Cartridges containing one single dose. Cartridges with needle units e.g. Tubex (Wyeth Ayerst), Carpuject (Sanofi Winthrop) are considered to be pre-filled syringes and are in .N.. Inhalator cartridges for cessation of smoking are in JPP.

When a cartridge is an integral/fixed part of the injection device and cannot be replaced by the user, it is considered to be a pre-filled disposable injection pen. Such products are classified in .NF or .NG e.g. in the Netherlands Humalog-Humaject is described as a "patroon" (cartridge) although it is considered a pen.

.PS INSTILLATION VIALS

Vials for instillation.

.PY OTHER VIALS

Other special vials. Injection vials for intra-articular, intrathecal, intradermal and epidural use only are included here. Vials for intra-arterial administration are classified .PA.

.PZ COMBINATION PACK VIALS

Combination packs of vials together with other forms in the same pack. This includes packs containing vials with other forms which are classified with a lower alphabetical sequence. Packs supplied with a second form containing diluent are not considered to be combination packs.

.Q. INFUSIONS

.QA INFUSION AMPOULES

Infusion ampoules.

.QB INFUSION DRY AMPOULES

Infusion dry ampoules. Ampoules for infusion containing powders for reconstitution before use.

.QC INFUSION VIALS/BOTTLES

Infusion vials or bottles.

.QD INFUSION DRY VIALS/BOTTLES

Infusion dry vials or bottles. Vials or bottles for infusion containing powders for reconstitution before use.

.QE INFUSION BAGS

Bags containing infusion liquids.

.QF INFUSION CARTRIDGES

Cartridges for infusion.

.QS DIALYSIS IRRIGATION AND PERFUSION SOLUTIONS

Dialysis/irrigation/perfusion solutions are in MQS. Powders which are reconstituted for use in dialysis machines are in MEK.

.QY OTHER INFUSIONS

Other special infusions. Includes pre-filled syringes which are specifically stated to be for addition to bags/bottles for infusion and infusion bags containing dry powder for reconstitution.

.R. (NOT IN USE)

.S. OINTMENTS

Ointments are semi-solid preparations for external application. They usually contain a medicinal substance incorporated in a fatty, waxy or synthetic base. The composition of ointments should be such that they soften but do not necessarily melt when applied to the skin.

.SA OINTMENTS

Ointments not otherwise specified (NOS). Balms & balsams are included here.

.SB PASTES

Pastes not otherwise specified (NOS).

.SL EMULSIONS OINTMENTS

Emulsion ointments

.SP UNIT DOSE OINTMENTS AND PASTES

Unit dose ointments and pastes. Metered-dose ointments and pastes are also classified here.

.SW SOAP PASTES

Soap pastes. Can include soap-free alternatives

.SY OTHER OINTMENTS

Other special ointments

.SZ COMBINATION PACK OINTMENTS

Combination packs of ointments together with other forms in the same pack. This includes packs containing ointments with other forms which are classified with a lower alphabetical sequence.

.T. CREAMS

Creams are viscous semi-solids for external use and are usually oil-in-water emulsions (aqueous creams) or water-in-oil emulsions (oily creams).

.TA CREAMS

Creams not otherwise specified (NOS).

.TL EMULSION CREAMS

Emulsion creams.

.TP UNIT DOSE CREAMS

Unit dose creams. Metered-dose creams are also classified here.

.TW CREAM SOAPS/WASHES

Cream soaps. Can include soap-free alternatives.

.TY OTHER CREAMS

Other special creams.

.TZ COMBINATION PACK CREAMS

Combination packs of creams together with other forms in the same pack. This includes packs containing creams with other forms which are classified with a lower alphabetical sequence.

.V. GELS AND SOLS

.VA GELS AND SOLS

Gels are transparent or translucent semi-solid or solid preparations made with the aid of suitable gelling agents. Some products described as gels, e.g. Aluminium Hydroxide Gel, are aqueous suspensions of gelatinous precipitates and are in .GK. Transparent semi-solid gels are sometimes also known as sols.

.VB GEL DROPS

Gel Drops. Unit dose gel drops are in .VP.

.VL EMULSION GELS

Emulsion Gels.

.VP UNIT DOSE GELS/SOLS

Unit dose gels and sols. Metered-dose gels and sols are also classified here.

.VW WASH/SHOWER GELS

Wash gels or shower gels.

VY OTHER GELS/SOLS

Other special gels/sols.

.VZ COMBINATION PACK GELS/SOLS

Combination packs of gels/sols together with other forms in the same pack. This includes packs containing gels/sols with other forms which are classified with a lower alphabetical sequence.

.W. MEDICATED DRESSINGS

This includes dressings with therapeutically active substances e.g. antifectives as well as inert substances e.g. paraffin.

.WA PLASTERS WITH SUBSTANCE

Plasters with substance, excluding transdermal therapeutic systems (TTS) which are classified under .WN.

.WB COTTON WITH SUBSTANCE

Cotton with substance.

.WC GAUZE OR FLEECE WITH SUBSTANCE

Gauze or fleece with substance.

.WD PADS WITH SUBSTANCE

Pads, compresses, or swabs with substance.

.WE TAMPONS WITH SUBSTANCE

Tampons with substance including plugs for wounds.

.WG BANDAGES WITH SUBSTANCE

Bandages with substance including mull bandages, compression bandages etc.

.WH. SPONGES WITH SUBSTANCE

Sponges with substance.

.WM TRANSDERMAL SYSTEMS

Transdermal systems that use, for example, iontophoresis or other electrical means to actively deliver drug through the skin. Delivery may be patient controlled (on demand) or continuous.

.WN TRANSDERMAL PATCHES

These are self-adhesive transdermal drug delivery systems (patches e.g. TTS) which are designed to provide a continuous release of drug through the skin by, for example, osmosis.

.WS POULTICES

Poultices/cataplasms.

.WY OTHER MEDICATED DRESSINGS

Other special medical dressings with substance. Medicated semi-permeable film dressings and medicated dental threads for stopping bleeding are included here. Also included are medicated tissues and wipes.

.WZ COMBINATION PACK MEDICATED DRESSINGS

Combination packs of medicated dressings together with other forms in the same pack. This includes packs containing medicated dressings with other forms which are classified with a lower alphabetical sequence.

.X. (NOT IN USE)

.Y. OTHER SPECIAL FORMS

.YG FOOD READY TO EAT

Foods which are ready to eat. Honey and jams which do not contain an active ingredient are included in this class. Royal Jelly in honey form is classified DDY.

.YH FOOD NOT READY TO EAT

Foods which are not ready to eat. They have to be made up with liquid before use.

.YJ CIGARETTES

These are therapeutic cigarettes especially for asthma. Salt pipes and other similar products for the treatment of respiratory disease are also included here.

.YK STYLI AND WOUND CONES NOT-RECTAL

This class includes styli/bougies, which are pencil-shaped suppositories or pellets for urethral, nasal or otic use. Also included are wound cones not for rectal use.

.YM STICKS AND ROLL-ONS

Sticks and roll-ons.

.YP BONE CEMENTS WITH SUBSTANCE

Bone cements containing a pharmacologically active substance e.g. an antibiotic.

X-ray contrast media are not considered active substances.

.YQ MECHANICAL PESSARIES WITH SUBSTANCE

Mechanical pessaries with substance. These are mechanical devices used to prevent prolapse of the womb not vaginal suppositories. Also included are vaginal contraceptive diaphragms, caps and female condoms with substance. Diaphragm kits (i.e. containing diaphragm and spermicidal gel) are also included. Contraceptive sponges are classified in TWH and contraceptive films in TYY.

.YR. INTRA-UTERINE DEVICES

Intra-uterine devices with or without substance.

.YS FUMIGATION CANDLES

Fumigation candles.

.YT FOAMS

Foams not otherwise specified (NOS). Foam dressings, both pre-formed foam pad-like and cavity conforming foam dressings, are classified here e.g. Allewyn or Cavi-Care (both Smith and Nephew Health).

.YV IMPLANTS

Implants. These are very small tablets or other forms, requiring surgery for subcutaneous implantation, with a long-acting effect.

.YW SOLID SOAPS/BARS

Solid soaps. Can include soap-free alternatives.

.YX PROMOTIONAL PACKS

Promotional packs (only used for advertisements).

.YY OTHER SPECIAL FORMS

Other special forms. Vaginal films are in TYY.

.YZ COMBINATION PACK OTHER SPECIAL FORMS

Combination packs of special forms together with other forms in the same pack. This includes packs containing other special forms which are classified with a lower alphabetical sequence.

.Z. MEDICAL AIDS

.ZA PLASTERS WITHOUT SUBSTANCE

Plasters without substance.

.ZB COTTON WITHOUT SUBSTANCE

Cotton without substance

.ZC GAUZE OR FLEECE WITHOUT SUBSTANCE

Gauze or fleece without substance.

.ZD PADS WITHOUT SUBSTANCE

Pads, compresses or swabs without substance.

.ZE TAMPONS WITHOUT SUBSTANCE

Tampons without substance including plugs for wounds and menstrual tampons.

.ZG BANDAGES WITHOUT SUBSTANCE

Bandages without substance, including mull bandages, compression bandages etc.

.ZH SPONGES WITHOUT SUBSTANCE

Sponges without substance.

.ZJ TISSUE ABSORBABLE MEDICAL AIDS

Medical aids which are absorbed by the body tissues.

.ZK GEL AND COLLOID DRESSINGS

Dressings which absorb exudates from wounds.

.ZP BONE CEMENTS WITHOUT SUBSTANCE

Bone cements which do not contain a pharmacologically active substance.

Bone cements containing x-ray contrast media but no other active substance are included here.

.ZQ MECHANICAL PESSARIES WITHOUT SUBSTANCE

Mechanical pessaries without substance. These mechanical devices used to prevent prolapse of the womb not vaginal suppositories. Also included are vaginal contraceptive diaphragms, caps and female condoms without substance.

.ZT DIAGNOSTIC STICKS

Diagnostic sticks.

.ZV DIAGNOSTIC TEST EXCLUDING STICKS

Diagnostic tests excluding sticks. This class will be used only when no specific code to describe the form exists. For example, if the test is presents as a solution in a vial for subcutaneous use, it will be in FPE.

.ZY. OTHER MEDICAL AIDS

Other medical aids. Included are Plaster of Paris (Gypsum), first aid kits, stomachare products, condoms, empty syringes, inhaler devices, non-medicated contact lenses, non-medicated tissues and wipes etc. Plaster of Paris, first aid kits, semi-permeable film dressings, stomachare products and male condoms have the first letter M; empty syringes/pens and inhaler devices have the first letter V.

Packs containing medical aids together with another form, containing the active pharmaceutical substance, are classified according to the form containing the active substance, and not as a combination pack. Form example, a pack consisting of an inhaler device and a metered-dose pressurised inhaler, containing a B2-stimulant, is classified RHP. Similarly, a pack with an insulin pen together with a vial containing a retard insulin preparation for subcutaneous injection is classified GPE. Disposable pre-filled insulin pens are classified in .NE.

.ZZ COMBINATION PACK MEDICAL AIDS

Combination packs of medical aids. This includes packs containing two or more different types of medical aids.

VALID COMBINATIONS OF FIRST, SECOND AND THIRD LETTERS

SECOND AND THIRD LETTER	VALID FIRST LETTERS																		
	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z	
.A. TABLETS																			
.AA TABLETS	A	B									M					T	V		
.AB ORALLY DISINTEGRATING TABLETS	A	B																	
.AE BUCCAL TABLETS	A	B								K									
.AF SUBLINGUAL TABLETS	A									K									
.AG CHEWABLE TABLETS	A									K									
.AH EFFERVESCENT TABLETS	A									K	M					T	V		
.AJ LAYERED TABLETS	A	B																	
.AK SOLUABLE TABLETS	A									K	M					T	V		
.AX ENEMA TABLETS							H												
.AY OTHER TABLETS	A	B														T			
.AZ COMB-PACK TABLETS	A	B								K	M	N				T	V		

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.B. COATED TABLETS

.BA	COATED TABLETS	A	B
.BB	GELATIN-CTD TABS	A	
.BC	FILM-COATED TABS	A	B
.BD	ENTERIC-CTD TABS	A	B
.BF	SUBLING CTD TABS	A	
.BG	CHEWABLE CTD TABS	A	
.BN	MEMBRANE-CTD TABS		B
.BY	OTHER COATED TABS	A	B
.BZ	COMB-PACK CTD TABS	A	B

SECOND AND THIRD LETTER	VALID FIRST LETTERS																	
	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.C. CAPSULES																		
.CA CAPSULES	A	B					H			K				Q		T		
.CD ENTERIC-CTD CAPS	A																	
.CE BUCCAL CAPSULES	A																	
.CF BITING CAPSULES	A																	
.CG CHEWABLE CAPSULES	A																	
.CN MEMBRANE CAPSULES		B																
.CS CACHETS	A																	
.CT INHALER CAPSULES									J					Q	R			
.CV CAPS TOP APPLIC									J		M							
.CY OTHER CAPSULES	A	B																
.CZ COMB-PACK CAPSULES	A	B																

SECOND AND THIRD LETTER	VALID FIRST LETTERS																	
	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.D. SOLID SPECIAL FORMS																		
.DD PELLETS	A									K								
.DE LOZENGES	A									K								
.DF CHEWING GUM	A									K								
.DG SWEETS/CANDY/BONBONS	A									K								
.DN OCULAR THER SYSTEM												N						
.DP CUBES	A																	
.DQ CAKES/CHOC BARS/BISCUITS	A																	
.DR GLOBULI+HOM GLOBULI	A																	
.DY OTH SPECE SOLID FORMS	A	B	D							J	K	M						
.DZ COMB-PACK SPEC FORMS	A																	

SECOND AND THIRD LETTER		VALID FIRST LETTERS																	
		A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.E.	POWDERS																		
.EA	POWDERS	A	B							J	K	M			Q		T	V	Z
.EB	GRANULES	A	B								K	M						V	Z
.EC	DUSTING POWDERS											M							
.ED	PHARMA SUBSTANCES																		V
.EF	SUBLING PWDR/GRNL	A																	
.EH	EFFERV PWDR/GRNL			D															V
.EK	SOLUABLE POWDERS			D	E			H			K	M						T	V
.EM	U-D PWD INH N-REFL																R		
.EN	U-D PWD INH N-REFILL									J								R	
.EP	UNIT DOSE POWDERS	A	B	D	E						K	M			Q	R	T	V	
.EX	ENEMA POWDERS							H				M							
.EY	OTHER PWDR/GRNL	A	B	D						J		M							Z
.EZ	COMB-PACK PWDR/GRAN	A		D							K	M							

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.F. GASES

.FA INHALATION GASES

J

SECOND AND THIRD LETTER	VALID FIRST LETTERS																	
	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.G. LIQUIDS																		
.GA LIQUIDS			D	E					J	K	M	N	P	Q		T	V	Z
.GB DROPS			D	E				I	J	K	M	N	P	Q			V	
.GC SPRAYS WITHOUT GAS			D						J	K	M			Q			V	
.GD COLLODION/LAQUERS										K	M							
.GE LIQUID INHALATIONS									J		M			Q	R			
.GF SUBLINGUAL LIQUIDS			D															
.GH OILS			D						J	K	M	N		Q				Z
.GJ DRY SUSP/SYR/DROPS			D					I		K	M	N	P					
.GK SUSPENSIONS			D							K	M	N	P	Q				
.GL EMULSIONS			D							K	M			Q		T		
.GM SYRUPS			D	E														
.GN UNIT DOSE LIQUIDS			D					I	J	K	M	N	P	Q	R	T	V	

SECOND AND THIRD LETTER		VALID FIRST LETTERS																	
		A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.GP	METERED-DOSE LIQUIDS			D					I	J	K	M	N	P	Q	R	T	V	
.GR	SPIRITS/WINES			D								M							
.GS	LOTIONS										K	M	N				T		
.GT	SHAKING MIXT DERM											M							
.GW	LIQUID SOAPS/WASHES											M					T		
.GX	ENEMA LIQUIDS							H				M							
.GY	OTHER LIQUIDS			D						J									
.GZ	COMB-PACK LIQUIDS			D								M	N		Q				

SECOND AND THIRD LETTER	VALID FIRST LETTERS																	
	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.H. PRESSURISED AEROSOLS																		
.HA PRESSURISED AEROSOLS									J	K	M	N		Q		T	V	
.HC PRESSURISED POWDERS											M				R			
.HM BREATH-ACT MDI																R		
.HN BREATH-ACT CFC-FR MDI																R		
.HP METERED-DOSE AEROSOLS			D				H	I	J	K	M			Q	R			
.HQ CFC-FREE MDI																R		
.HS PRESSURISED OINTMENTS											M							
.HT PRESSURISED FOAMS							H		J		M					T	V	
.HW PRESSURISED SOAPS/WASHES											M							
.HY OTHER PRESS AEROSOLS											M							
.HZ COMB-PACK PRESS AEROS											M							

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.J. BATH PREPARATIONS

.JA	BATHS	M
.JB	BATH SUBST SOLIDS	M
.JH	BATH OILS	M
.JL	BATH EMULSIONS	M
.JP	PARTIAL BATHS	M
.JS	FOOT BATHS	M
.JT	FOAM BATHS	M
.JV	BATH TABLETS	M
.JY	OTHER BATHS	M
.JZ	COMB-PACK BATHS	M

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.K. TEAS

.KA TEAS D

.KB TEA EXTRACTS LIQ D

.KJ INSTANT TEAS D

.KP TEAS BAGS D

.KV TEA TABLETS D

.KY OTHER TEAS D

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.L. SUPPOSITORIES

.LA SUPPOSITORIES

H

M

.LB ADULT SUPPOSITORIES

H

M

.LC PAEDIATRIC SUPPS

H

M

.LS VAGINAL SUPPOSITORIES

T

.LX MICRO-ENEMAS

H

M

.LY OTHER SUPPOSITORIES

H

M

.LZ COMB-PACK
SUPPOSITORIES

M

T

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.M. AMPOULES

.MA AMPS F G M N Q T V

.MB DRY AMPOULES F G M N V

.MC I V AMPOULES F

.MD I M AMPOULES F G

.ME S C AMPOULES F G

.MS INSTIL AMPOULES M

.MY OTHER AMPOULES F G M

.MZ COMB-PACK AMPOULES F

SECOND AND THIRD LETTER	VALID FIRST LETTERS																	
	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.N. PRE-FILLED SYRINGES/PENS																		
.NA PRE-FILLED SYRINGES					F	G					M	N		Q				
.NB DRY PRE-FILLED SYRNGS					F	G												
.NC I V PRE-FILLED SYRNGS					F													
.ND I M PRE-FILLED SYRNGS					F	G												
.NE S C PRE-FILLED SYRNGS					F	G												
.NF PRE-FILLED PENS					F	G												
.NG DRY PRE-FILLED PENS					F	G												
.NH PRE-FILLED AUTOINJECTORS					F	G												
.NS INSTIL PRE-FIL SYRNGS											M							
.NY OTH PRE-FILLED SYRNGS					F	G					M							
.NZ CMB-PCK PRE-FIL SYRNGS					F													

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.P. VIALS

.PA VIALS F G M N V

.PB DRY VIALS F G M N

.PC I V VIALS F

.PD I M VIALS F G

.PE S C VIALS F G

.PF CARTRIDGES F G

.PG DRY CARTRIDGES F

.PP UNIT DOSE CARTRIDGES F G J

.PS INSTILLATION VIALS M N

.PY OTHER VIALS F G M

.PZ COMB-PACK VIALS F

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.Q. INFUSIONS

.QA INFUSIONS AMPOULES

F

.QB INF DRY AMPOULES

F

.QC INF VIALS/BOTTLES

F

.QD INFUSION DRY BOTTLES

F

.QE INFUSION BAGS

F

.QF INFUSION CARTRIDGES

F

.QS DAILY IRRIG PERF SOLNS

M

.QY OTHER INFUSIONS

F

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.T. CREAMS

.TA CREAMS

J K M N P Q T V

.TL EMULSION CREAMS

M

.TP UNIT DOSE CREAMS

J M T V

.TW CREAM SOAPS/WASHES

M

.TY OTHER CREAMS

M

.TZ COMB-PACK CREAMS

K M T

SECOND AND THIRD LETTER	VALID FIRST LETTERS																											
	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z										
.W. MEDICATED DRESSINGS																												
.WA PLASTERS WITH SUBST											M																	
.WB COTTON WITH SUBST											M																	
.WC GAUZE OR FLEECE W SUBST											M	N															V	
.WD PADS WITH SUBST											M	N																
.WE TAMPONS WITH SUBST											K	M															T	
.WG BANDAGES W SUBST											M																	
.WH SPONGES WITH SUBST											K	M															T	
.WM TRANSDERMAL SYSTEMS											J																	
.WN TRANSDERMAL PATCHES											J																	
.WS POULTICES											M																	
.WY OTH MEDIC DRESSINGS											K	M															T	
.WZ COMB-PACK MED DRESSINGS											M																	

SECOND AND THIRD LETTER		VALID FIRST LETTERS																	
		A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.Y.	OTHER SPECIAL FORMS																		
.YG	FOOD READY TO EAT	A		D															
.YH	FOOD NOT READY TO EAT	A		D															
.YK	STYLI AND WOUND CONES NON-RECTAL										K	M		P					
.YJ	CIGARETTES																	R	
.YM	STICKS AND ROLL-ONS									J	K	M			Q				
.YP	BONE CEMENT W SUBST											M							
.YQ	MECH PESS W SUBST																		T
.YR	INTRA-UTERINE DEVICES																		T
.YS	FUMIGATION CANDLES											M							
.YT	FOAMS											M							T

SECOND AND THIRD LETTER

VALID FIRST LETTERS

A B D E F G H I J K M N P Q R T V Z

.YV IMPLANTS

G

.YW SOLID SOAPS/BARS

M

.YX PROMOTIONAL PACKS

Z

.YY OTHER SPECIAL FORMS

M

T

V

Z

.YZ CMB-PCK OTH SPC FRM A

SECOND AND THIRD LETTER

VALID FIRST LETTERS

	A	B	D	E	F	G	H	I	J	K	M	N	P	Q	R	T	V	Z
.ZT												N					V	
.ZV										K	M	N						V
.ZY										K	M	N						V
.ZZ																		Z

LIST OF THE VALID NEW FORM CODES and THEIR DESCRIPTIONS

A	Oral Solid Ordinary
AA	Oral Solid Ordinary Tablets
AAA	Oral Solid Ordinary Tablets
AAB	Oral Solid Ordinary Orally Disintegrating Tablets
AAE	Oral Solid Ordinary Buccal Tablets
AAF	Oral Solid Ordinary Sublingual Tablets
AAG	Oral Solid Ordinary Chewable Tablets
AAH	Oral Solid Ordinary Effervescent Tablets
AAJ	Oral Solid Ordinary Layered Tablets
AAK	Oral Solid Ordinary Soluble Tablets
AAZ	Oral Solid Ordinary Other Tablets
AAZ	Oral Solid Ordinary Combination Pack Tablets
AB	Oral Solid Ordinary Coated Tablets
ABA	Oral Solid Ordinary Coated Tablets
ABB	Oral Solid Ordinary Gelatin-Coated Tablets
ABC	Oral Solid Ordinary Film-Coated Tablets
ABD	Oral Solid Ordinary Enteric-Coated Tablets
ABF	Oral Solid Ordinary Sublingual Coated Tablets
ABG	Oral Solid Ordinary Chewable Coated Tablets
ABY	Oral Solid Ordinary Other Coated Tablets
ABZ	Oral Solid Ordinary Combination Pack Coated Tablets
AC	Oral Solid Ordinary Capsules
ACA	Oral Solid Ordinary Capsules
ACD	Oral Solid Ordinary Enteric-Coated Capsules
ACE	Oral Solid Ordinary Buccal Capsules
ACF	Oral Solid Ordinary Biting Capsules
ACG	Oral Solid Ordinary Chewable Capsules
ACS	Oral Solid Ordinary Cachets
ACY	Oral Solid Ordinary Other Capsules
ACZ	Oral Solid Ordinary Combination Pack Capsules
AD	Oral Solid Ordinary Special Forms
ADD	Oral Solid Ordinary Pellets
ADE	Oral Solid Ordinary Lozenges
ADF	Oral Solid Ordinary Chewing Gum
ADG	Oral Solid Sweets/Candy/Bonbons
ADP	Oral Solid Ordinary Cubes
ADQ	Oral Solid Ordinary Cakes/Chocolate/Bars/Biscuits
ADR	Oral Solid Ordinary Globules and Homeopathic Globuli
ADY	Oral Solid Ordinary Other Special Forms
ADZ	Oral Solid Ordinary Combination Pack Special Forms
AE	Oral Solid Ordinary Powders/Granules

AEA	Oral Solid Ordinary Powders
AEB	Oral Solid Ordinary Granules
AEF	Oral Solid Ordinary Sublingual Powders/Granules
AEP	Oral Solid Ordinary Unit Dose Powders
AEY	Oral Solid Ordinary Other Powders/Granules
AEZ	Oral Solid Ordinary Combination Pack Powders/Granules
AS	Oral Solid Ordinary Ointments
ASB	Oral Solid Ordinary Pastes
AY	Oral Solid Ordinary Other Special Forms
AYG	Oral Solid Ordinary Food Ready to Eat
AYH	Oral Solid Ordinary Food not Ready to Eat
AYZ	Oral Solid Ordinary Combination Pack Other Special Forms

B	Oral Solid Retard
BA	Oral Solid Retard Tablets
BAA	Oral Solid Retard Tablets
BAB	Oral Solid Retard Orally Disintegrating Tablets
BAE	Oral Solid Retard Buccal Tablets
BAJ	Oral Solid Retard Layered Tablets
BAY	Oral Solid Retard Other Tablets
BAZ	Oral Solid Retard Combination Pack Tablets
BB	Oral Solid Retard Coated Tablets
BBA	Oral Solid Retard Coated Tablets
BBC	Oral Solid Retard Film-Coated Tablets
BBD	Oral Solid Retard Enteric-Coated Tablets
BBN	Oral Solid Retard Membrane-Coated Tablets
BBY	Oral Solid Retard Other Coated Tablets
BBZ	Oral Solid Retard Combination Pack Coated Tablets
BC	Oral Solid Retard Capsules
BCA	Oral Solid Retard Capsules
BCN	Oral Solid Retard Membrane Capsules
BCY	Oral Solid Retard Other Capsules
BCZ	Oral Solid Retard Combination Pack Capsules
BD	Oral Solid Retard Solid Special Forms
BDY	Oral Solid Retard Other Special Solid Forms
BE	Oral Solid Retard Powders/Granules
BEA	Oral Solid Retard Powders
BEB	Oral Solid Retard Granules
BEP	Oral Solid Retard Unit Dose Powders
BEY	Oral Solid Retard Other Powders/Granules

D	Oral Liquid Ordinary
DD	Oral Liquid Ordinary Special Forms
DDY	Oral Liquid Ordinary Other Solid Special Forms
DE	Oral Liquid Ordinary Powders/Granules
DEH	Oral Liquid Ordinary Effervescent Powders/Granules
DEK	Oral Liquid Ordinary Soluble Powders
DEP	Oral Liquid Ordinary Unit Dose Powders
DEY	Oral Liquid Ordinary Other Powders/Granules
DEZ	Oral Liquid Ordinary Combination Pack Powders/Granules
DG	Oral Liquid Ordinary Liquids
DGA	Oral Liquid Ordinary Liquids
DGB	Oral Liquid Ordinary Drops
DGC	Oral Liquid Sprays without Gas
DGF	Oral Liquid Ordinary Sublingual Liquids
DGH	Oral Liquid Ordinary Oils
DGJ	Oral Liquid Ordinary Dry Suspensions/Syrups/Drops
DGK	Oral Liquid Ordinary Suspensions
DGL	Oral Liquid Ordinary Emulsions
DGM	Oral Liquid Ordinary Syrups
DGN	Oral Liquid Ordinary Unit Dose Liquids
DGP	Oral Metered-Dose Liquids
DGR	Oral Liquid Ordinary Spirits/Wines
DGY	Oral Liquid Ordinary Other Liquids
DGZ	Oral Liquid Ordinary Combination Pack Liquids
DH	Oral Liquid Pressurised Aerosols
DHP	Oral Liquid Unit Dose Pressurised Aerosols
DK	Oral Liquid Ordinary Teas
DKA	Oral Liquid Ordinary Drug Teas
DKB	Oral Liquid Ordinary Tea Extract Liquids
DKJ	Oral Liquid Ordinary Instant Teas
DKP	Oral Liquid Ordinary Tea Bags
DKV	Oral Liquid Ordinary Tea Tablets
DKY	Oral Liquid Ordinary Other Teas
DY	Oral Liquid Ordinary Other Special Forms
DYG	Oral Liquid Food Ready to Eat
DYH	Oral Liquid Food not Ready to Eat

E	Oral Liquid Retard
EE	Oral Liquid Retard Powders/Granules
EEK	Oral Liquid Retard Soluble Powders
EEP	Oral Liquid Retard Unit Dose Powders
EG	Oral Liquid Retard Liquids
EGA	Oral Liquid Retard Liquids
EGB	Oral Liquid Retard Drops
EGM	Oral Liquid Retard Syrups

F	Parenteral Ordinary
FM	Parenteral Ordinary Ampoules
FMA	Parenteral Ordinary Ampoules
FMB	Parenteral Ordinary Dry Ampoules
FMC	Parenteral Ordinary I V Ampoules
FMD	Parenteral Ordinary I M Ampoules
FME	Parenteral Ordinary S C Ampoules
FMY	Parenteral Ordinary Other Ampoules
FMZ	Parenteral Ordinary Combination Pack Ampoules
FN	Parenteral Ordinary Pre-Filled Syringes/Pens
FNA	Parenteral Ordinary Pre-Filled Syringes
FNB	Parenteral Ordinary Dry Pre-Filled Syringes
FNC	Parenteral Ordinary I V Pre-Filled Syringes
FND	Parenteral Ordinary I M Pre-Filled Syringes
FNE	Parenteral Ordinary S C Pre-Filled Syringes
FNF	Parenteral Ordinary Pre-Filled Pens
FNG	Parenteral Ordinary Dry Pre-Filled Pens
FNH	Parenteral Ordinary Pre-Filled Autoinjectors
FNY	Parenteral Ordinary Other Pre-Filled Syringes
FNZ	Parenteral Ordinary Combination Pack Pre-Filled Syringes
FP	Parenteral Ordinary Vials
FPA	Parenteral Ordinary Vials
FPB	Parenteral Ordinary Dry Vials
FPC	Parenteral Ordinary I V Vials
FPD	Parenteral Ordinary I M Vials
FPE	Parenteral Ordinary S C Vials
FPF	Parenteral Ordinary Cartridges
FPG	Parenteral Ordinary Dry Cartridges
FPP	Parenteral Ordinary Unit Dose Cartridges
FPY	Parenteral Ordinary Other Vials
FPZ	Parenteral Ordinary Combination Pack Vials
FQ	Parenteral Ordinary Infusions
FQA	Parenteral Ordinary Infusion Ampoules
FQB	Parenteral Ordinary Infusion Dry Ampoules
FQC	Parenteral Ordinary Infusion Vials/Bottles
FQD	Parenteral Ordinary Infusion Dry Vials/Bottles
FQE	Parenteral Ordinary Infusion Bags
FQF	Parenteral Ordinary Infusion Cartridges
FQY	Parenteral Ordinary Other Infusions

G	Parenteral Retard
GM	Parenteral Retard Ampoules
GMA	Parenteral Retard Ampoules
GMB	Parenteral Retard Dry Ampoules
GMD	Parenteral Retard I M Ampoules
GME	Parenteral Retard S C Ampoules
GMY	Parenteral Retard Other Ampoules
GN	Parenteral Retard Pre-Filled Syringes/Pens
GNA	Parenteral Retard Pre-Filled Syringes
GNB	Parenteral Retard Dry Pre-Filled Syringes
GND	Parenteral Retard I M Pre-Filled Syringes
GNE	Parenteral Retard S C Pre-Filled Syringes
GNF	Parenteral Retard Pre-Filled Pens
GNG	Parenteral Retard Dry Pre-Filled Pens
GNH	Parenteral Retard Pre-Filled Autoinjectors
GNY	Parenteral Retard Other Pre-Filled Syringes
GP	Parenteral Retard Vials
GPA	Parenteral Retard Vials
GPB	Parenteral Retard Dry Vials
GPD	Parenteral Retard I M Vials
GPE	Parenteral Retard S C Vials
GPF	Parenteral Retard Cartridges
GPP	Parenteral Retard Unit Dose Cartridges
GPY	Parenteral Retard Other Vials
GY	Parenteral Retard Other Special Forms
GYV	Parenteral Retard Implants

H	Rectal Systemic
HA	Rectal Systemic Tablets
HAX	Rectal Systemic Enema Tablets
HC	Rectal Systemic Capsules
HCA	Rectal Systemic Capsules
HE	Rectal Systemic Powders/Granules
HEK	Rectal Systemic Soluble Powder
HEX	Rectal Systemic Enema Powder
HG	Rectal Systemic Liquids
HGX	Rectal Systemic Enema Liquids
HH	Rectal Systemic Pressurised Aerosols
HHP	Rectal Systemic Metered-Dose Pressurised Aerosols
HHT	Rectal Systemic Pressurised Foams
HL	Rectal Systemic Suppositories
HLA	Rectal Systemic Suppositories
HLB	Rectal Systemic Adult Suppositories
HLC	Rectal Systemic Paediatric Suppositories
HLX	Rectal Systemic Micro-Enemas
HLY	Rectal Systemic Other Suppositories
HS	Rectal Systemic Ointments
HSP	Rectal Systemic Unit Dose Ointments and Pastes
HV	Rectal Systemic Gels and Sols
HVA	Rectal Systemic Gels and Sols

I	Nasal Systemic
IG	Nasal Systemic Liquids
IGB	Nasal Systemic Drops
IGJ	Nasal Systemic Dry Suspensions/Syrups/Drops
IGN	Nasal Systemic Unit Dose Liquids
IGP	Nasal Systemic Metered-Dose Liquids
IH	Nasal Systemic Pressurised Aerosols
IHP	Nasal Systemic Unit Dose Aerosols
IS	Nasal Systemic Ointments
ISA	Nasal Systemic Ointments
IV	Nasal Systemic Gels and Sols
IVP	Nasal Systemic Unit Dose Gels/Sols

J	Other Systemic
JC	Other Systemic Capsules
JCT	Other Systemic Inhaler Capsules
JCV	Other Systemic Capsules for Topical Application
JD	Other Systemic Solid Special Forms
JDY	Other Systemic Special Solids
JE	Other Systemic Powders/Granules
JEA	Other Systemic Powder
JEN	Other Systemic Unit Dose Powder Inhaler Refillable
JEY	Other Systemic Other Powders/Granules
JF	Other Systemic Gases
JFA	Other Systemic Gases for Inhalation
JG	Other Systemic Liquids
JGA	Other Systemic Liquids
JGB	Other Systemic Drops
JGC	Other Systemic Sprays without Gas
JGE	Other Systemic Liquid Inhalations
JGH	Other Systemic Oils
JGN	Other Systemic Unit Dose Liquids
JGP	Other Systemic Metered-Dose Liquids
JGY	Other Systemic Other Liquids
JH	Other Systemic Pressurised Aerosols
JHA	Other Systemic Pressurised Aerosols
JHP	Other Systemic Unit Dose Pressurised Aerosols
JHT	Other Systemic Pressurised Foams
JP	Other Systemic Vials
JPP	Other Systemic Unit Dose Cartridges
JS	Other Systemic Ointments
JSA	Other Systemic Ointments
JSP	Other Systemic Unit Dose Ointments and Pastes
JT	Other Systemic Creams
JTA	Other Systemic Creams
JTP	Other Systemic Unit Dose Creams
JV	Other Systemic Gels and Sols
JVA	Other Systemic Gels and Sols
JVP	Other Systemic Unit Dose Gels/Sols
JW	Other Systemic Medicated Dressings
JWM	Other Systemic Transdermal Systems
JWN	Other Systemic Transdermal Patches
JY	Other Systemic Other Special Forms
JYM	Other Systemic Stick and Roll-Ons

K	Oral Topical
KA	Oral Topical Tablets
KAE	Oral Topical Buccal Tablets
KAF	Oral Topical Sublingual Tablets
KAG	Oral Topical Chewable Tablets
KAH	Oral Topical Effervescent Tablets
KAK	Oral Topical Soluble Tablets
KAZ	Oral Topical Combination Pack Tablets
KC	Oral Topical Capsules
KCA	Oral Topical Capsules
KD	Oral Topical Forms
KDD	Oral Topical Pellets
KDE	Oral Topical Lozenges
KDF	Oral Topical Chewing Gum
KDG	Oral Topical Sweets/Candy/Bonbons
KDY	Oral Topical Other Special Forms
KE	Oral Topical Powder/Granules
KEA	Oral Topical Powders
KEB	Oral Topical Granules
KEK	Oral Topical Soluble Powders
KEP	Oral Topical Unit Dose Powders
KEZ	Oral Topical Combination Pack/Powder/Granules
KG	Oral Topical Liquids
KGA	Oral Topical Liquids
KGB	Oral Topical Drops
KGC	Oral Topical Sprays without Gas
KGD	Oral Topical Collodion/Lacquers
KGH	Oral Topical Oils
KGJ	Oral Topical Dry Suspensions/Syrups/Drops
KGK	Oral Topical Suspensions
KGL	Oral Topical Emulsions
KGN	Oral Topical Unit Dose Liquids
KGP	Oral Topical Metered-Dose Liquids
KGS	Oral Topical Lotions
KH	Oral Topical Pressurised Aerosols
KHA	Oral Topical Pressurised Aerosols
KHP	Oral Topical Metered-Dose Pressurised Aerosols
KS	Oral Topical Ointments
KSA	Oral Topical Ointments
KSB	Oral Topical Pastes
KSZ	Oral Topical Combination Pack Ointments
KT	Oral Topical Creams
KTA	Oral Topical Creams
KTZ	Oral Topical Combination Pack Creams
KV	Oral Topical Gels and Sols

KVA	Oral Topical Gels and Sols
KVP	Oral Topical Unit Dose Gels/Sols
KW	Oral Topical Medicated Dressings
KWE	Oral Topical Tampons with Substance
KWH	Oral Topical Sponges with Substance
KWY	Oral Topical Other Medicated Dressings
KY	Oral Topical Other Special Forms
KYK	Oral Topical Styli and Wound Cones Non-Rectal
KYM	Oral Topical Sticks and Roll-Ons
KZ	Oral Topical Medical Aids
KZE	Oral Topical Tampons without Substance
KZH	Oral Topical Sponges without Substance
KZJ	Oral Topical Tissue Absorbable Medical Aids
KZV	Oral Topical Diagnostic Tests Excluding Sticks
KZY	Oral Topical Other Medical Aids

M	Topical Dermatological, Haemorrhoidal, External
MA	Topical External Tablets
MAA	Topical External Tablets
MAH	Topical External Effervescent Tablets
MAK	Topical External Soluble Tablets
MAZ	Topical External Combination Pack Tablets
MC	Topical External Capsules
MCV	Topical External Capsules
MD	Topical External Solid Special Forms
MDY	Topical External Other Special Solid Forms
ME	Topical External Powders/Granules
MEA	Topical External Powders
MEB	Topical External Granules
MEC	Topical External Dusting Powders
MEK	Topical External Soluble Powders
MEP	Topical External Unit Dose Powders
MEX	Topical External Enema Powders
MEY	Topical External Other Powders/Granules
MEZ	Topical External Combination Pack Powders/Granules
MG	Topical External Liquids
MGA	Topical External Liquids
MGB	Topical External Drops
MGC	Topical External Sprays without Gas
MGD	Topical External Collodion/Lacquers
MGE	Topical External Liquid Inhalations
MGH	Topical External Oils
MGJ	Topical External Dry Suspensions/Syrups/Drops
MGK	Topical External Suspensions
MGL	Topical External Emulsions
MGN	Topical External Unit Dose Liquids
MGP	Topical External Metered-Dose Liquids
MGR	Topical External Spirits
MGS	Topical External Lotions
MGT	Topical Dermatological Shaking Mixtures
MGW	Topical External Liquid Soaps/Washes
MGX	Topical External Enema Liquids
MGZ	Topical External Combination Pack Liquids
MH	Topical External Pressurised Aerosols
MHA	Topical External Pressurised Aerosols
MHC	Topical External Pressurised Powders
MHP	Topical External Metered-Dose Pressurised Aerosols
MHS	Topical External Pressurised Ointments
MHT	Topical External Pressurised Foams
MHW	Topical External Pressurised Soaps/Washes
MHY	Topical External Other Pressurised Aerosols
MHZ	Topical External Combination Pack Pressurised Aerosols
MJ	Topical External Bath Preparations
MJA	Topical External Bath Preparations
MJB	Topical External Solid Substances for Baths
MJH	Topical External Bath Oils

MJL	Topical External Bath Emulsions
MJP	Topical External Partial Baths
MJS	Topical External Foot Baths
MJT	Topical External Foam Baths
MJV	Topical External Bath Tablets
MJY	Topical External Other Baths
MJZ	Topical External Combination Pack Baths
ML	Topical External Suppositories
MLA	Topical External Suppositories
MLB	Topical External Adult Suppositories
MLC	Topical External Paediatric Suppositories
MLX	Topical External Micro-Enemas
MLY	Topical External Other Suppositories
MLZ	Topical External Combination Pack Suppositories
MM	Topical External Ampoules
MMA	Topical External Ampoules
MMB	Topical External Dry Ampoules
MMS	Topical External Instillation Ampoules
MMY	Topical External Other Ampoules
MN	Topical External Pre-Filled Syringes
MNA	Topical External Pre-Filled Syringes
MNS	Topical External Instillation Pre-Filled Syringes
MNY	Topical External Other Pre-Filled Syringes
MP	Topical External Vials
MPA	Topical External Vials
MPB	Topical External Dry Vials
MPS	Topical External Instillation Vials
MPY	Topical External Other Vials
MQ	Topical External Infusions
MQS	Dialysis Irrigation Perfusion Solutions
MS	Topical External Ointments
MSA	Topical External Ointments
MSB	Topical External Pastes
MSL	Topical External Emulsion Ointments
MSP	Topical External Unit Dose Ointments
MSW	Topical External Soap Pastes
MSY	Topical External Other Ointments
MSZ	Topical External Combination Pack Ointments
MT	Topical External Creams
MTA	Topical External Creams
MTL	Topical External Emulsion Creams
MTP	Topical External Unit Dose Creams
MTW	Topical External Cream Soaps/Washes
MTY	Topical External Other Creams
MTZ	Topical External Combination Pack Creams
MV	Topical External Gels and Sols
MVA	Topical External Gels and Sols
MVL	Topical External Emulsion Gels
MVP	Topical External Unit Dose Gels/Sols
MVW	Topical External Wash/Shower Gels

MVY	Topical External Other Gels/Sols
MVZ	Topical External Combination Pack Gels/Sols
MW	Topical External Medic Dressings
MWA	Topical External Plasters with Substance
MWB	Topical External Cotton with Substance
MWC	Topical External Gauze or Fleece with Substance
MWD	Topical External Pads with Substance
MWE	Topical External Tampons with Substance
MWG	Topical External Bandages with Substance
MWH	Topical External Sponges with Substance
MWS	Topical External Poultices
MWY	Topical External Other Medicated Dressings
MWZ	Topical External Combination Pack Medicated Dressings
MY	Topical External Other Special Forms
MYK	Topical External Styli and Cones Non-Rectal
MYM	Topical External Sticks and Roll-Ons
MYP	Topical External Bone Cement with Substance
MYS	Topical External Fumigation Candles
MYT	Topical External Foams
MYW	Topical External Solid Soaps/Bars
MYY	Topical External Other Special Forms
MZ	Topical External Medical Aids
MZA	Topical External Plasters without Substance
MZB	Topical External Cotton without Substance
MZC	Topical External Gauze or Fleece without Substance
MZD	Topical External Pads without Substance
MZE	Topical External Tampons without Substance
MZG	Topical External Bandages without Substance
MZH	Topical External Sponges without Substance
MZJ	Topical External Tissue Absorbable Medical Aids
MZK	Topical External Gel and Colloid Dressings
MZP	Topical External Bone Cements without Substance
MZV	Topical External Diagnostic Tests Excluding Sticks
MZY	Topical External Other Medical Aids

N	Ophthalmic
NA	Ophthalmic Tablets
NAZ	Ophthalmic Combination Pack Tablets
ND	Ophthalmic Solid Special Forms
NDN	Ocular Therapeutic Systems
NG	Ophthalmic Liquids
NGA	Ophthalmic Liquids
NGB	Ophthalmic Drops
NGH	Ophthalmic Oils
NGJ	Ophthalmic Dry Suspensions/Syrups/Drops
NGK	Ophthalmic Suspensions
NGN	Ophthalmic Unit Dose Liquids
NGP	Ophthalmic Metered-Dose Liquids
NGS	Ophthalmic Lotions
NGZ	Ophthalmic Combination Pack Liquids
NH	Ophthalmic Pressurised Aerosols
NHA	Ophthalmic Pressurised Aerosols
NM	Ophthalmic Ampoules
NMA	Ophthalmic Ampoules
NMB	Ophthalmic Dry Ampoules
NN	Ophthalmic Pre-Filled Syringes/Pens
NNA	Ophthalmic Pre-Filled Syringes
NP	Ophthalmic Vials
NPA	Ophthalmic Vials
NPB	Ophthalmic Dry Vials
NPS	Ophthalmic Instillation Vials
NS	Ophthalmic Ointments
NSA	Ophthalmic Ointments
NSP	Ophthalmic Unit Dose Ointments
NT	Ophthalmic Creams
NTA	Ophthalmic Creams
NV	Ophthalmic Gels/Sols
NVA	Ophthalmic Gels/Sols
NVB	Ophthalmic Gel Drops
NVP	Ophthalmic Unit Dose Gels/Sols
NW	Ophthalmic Medicated Dressings
NWC	Ophthalmic Gauze or Fleece with Substance
NWD	Ophthalmic Pads with Substance
NZ	Ophthalmic Medical Aids
NZD	Ophthalmic Pads without Substance
NZT	Ophthalmic Diagnostic Sticks
NZV	Ophthalmic Diagnostic Tests Excluding Sticks
NZY	Ophthalmic Other Medical Aids

P	Otic
PG	Otic Liquids
PGA	Otic Liquids
PGB	Otic Drops
PGJ	Otic Dry Drops
PGK	Otic Suspensions
PGN	Otic Unit Dose Liquids
PGP	Otic Metered-Dose Liquids
PS	Otic Ointments
PSA	Otic Ointments
PT	Otic Creams
PTA	Otic Creams. N.O.S.
PY	Otic Other Special Forms
PYK	Otic Styli and Wound Cones Non-Rectal

Q	Nasal Topical
QC	Nasal Topical Capsules
QCA	Nasal Topical Capsules
QCT	Nasal Topical Inhaler Capsules
QE	Nasal Topical Powders/Granules
QEA	Nasal Topical Powders
QEP	Nasal Topical Unit Dose Powders
QG	Nasal Topical Liquids
QGA	Nasal Topical Liquids
QGB	Nasal Topical Drops
QGC	Nasal Topical Sprays without Gas
QGE	Nasal Topical Liquid Inhalations
QGH	Nasal Topical Oils
QGK	Nasal Topical Suspensions
QGL	Nasal Topical Emulsions
QGN	Nasal Topical Unit Dose Liquids
QGP	Nasal Topical Metered-Dose Liquids
QGZ	Nasal Topical Combination Pack Liquids
QH	Nasal Topical Pressurised Aerosols
QHA	Nasal Topical Pressurised Aerosols
QHP	Nasal Topical Unit Dose Aerosols
QM	Nasal Topical Ampoules
QMA	Nasal Topical Ampoules
QN	Nasal Topical Pre-Filled Syringes
QNA	Nasal Topical Pre-Filled Syringes
QS	Nasal Topical Ointments
QSA	Nasal Topical Ointments
QSL	Nasal Topical Emulsion Ointments
QT	Nasal Topical Creams
QTA	Nasal Topical Creams
QV	Nasal Topical Gels and Sols
QVA	Nasal Topical Gels and Sols
QVP	Nasal Topical Unit Dose Gels/Sols
QY	Nasal Topical Other Special Forms
QYM	Nasal Topical Sticks and Roll-Ons

R	Lung Administration
RC	Lung Administration Capsules
RCT	Lung Administration Inhaler Capsules
RE	Lung Administration Powders/Granules
REM	Lung Administration Unit Dose Powder Inhaler Non-Refillable
REN	Lung Administration Unit Dose Powder Inhaler Refillable
REP	Lung Administration Metered-Dose Powder Inhaler
RG	Lung Administration Liquids
RGE	Lung Administration Liquid for Inhalation
RGN	Lung Administration Unit Dose Liquids
RGP	Lung Administration Metered-Dose Liquids
RH	Lung Administration Pressurised Aerosols
RHC	Lung Administration Pressurised Powders
RHM	Lung Administration Breath-Actuated Metered-Dose Inhaler
RHN	Lung Administration Breath-Actuated CFC-Free Metered-Dose Inhaler
RHP	Lung Administration Metered-Dose Inhaler
RHQ	Lung Administration CFC-Free Metered-Dose Inhaler
RY	Lung Administration Other Special Forms
RYJ	Lung Administration Cigarettes

T	Vaginal
TA	Vaginal Tablets
TAA	Vaginal Tablets
TAH	Vaginal Effervescent Tablets
TAK	Vaginal Soluble Tablets
TAY	Vaginal Other Tablets
TAZ	Vaginal Combination Pack Tablets
TC	Vaginal Capsules
TCA	Vaginal Capsules
TE	Vaginal Powders/Granules
TEA	Vaginal Powders
TEK	Vaginal Soluble Powders
TEP	Vaginal Unit Dose Powders
TG	Vaginal Liquids
TGA	Vaginal Liquids
TGL	Vaginal Liquid Emulsions
TGN	Vaginal Unit Dose Liquids
TGP	Vaginal Metered-Dose Liquids
TGS	Vaginal Lotions
TGW	Vaginal Liquid Soaps/Washes
TH	Vaginal Pressurised Aerosols
THA	Vaginal Pressurised Aerosols
THT	Vaginal Pressurised Foams
TL	Vaginal Suppositories
TLS	Vaginal Suppositories
TLZ	Vaginal Combination Pack Suppositories
TM	Vaginal Ampoules
TMA	Vaginal Ampoules
TS	Vaginal Ointments
TSA	Vaginal Ointments
TSB	Vaginal Pastes
TSP	Vaginal Unit Dose Ointments
TT	Vaginal Creams
TTA	Vaginal Creams
TTP	Vaginal Unit Dose Creams
TTZ	Vaginal Combination Pack Creams
TV	Vaginal Gels and Sols
TVA	Vaginal Gels and Sols
TVP	Vaginal Unit Dose Gels/Sols
TW	Vaginal Medic Dressings
TWE	Vaginal Tampons with Substance
TWH	Vaginal Sponges with Substance
TWY	Vaginal Other Medicated Dressings
TY	Vaginal Other Special Forms
TYQ	Vaginal Mechanical Pessaries with Substance

TYR	Vaginal Intra Uterine Devices
TYT	Vaginal Foams
TYY	Vaginal Other Special Forms
TZ	Vaginal Medical Aids
TZD	Vaginal Pads without Substance
TZE	Vaginal Tampons without Substance
TZQ	Vaginal Mechanical Pessaries without Substance

V	Non-Human Use and Others
VA	Non-Human Use Tablets
VAA	Non-Human Use Tablets
VAH	Non-Human Use Effervescent Tablets
VAK	Non-Human Use Soluble Tablets
VAZ	Non-Human Use Combination Pack Tablets
VE	Non-Human Use Powders/Granules
VEA	Non-Human Use Powders
VEB	Non-Human Use Granules
VED	Non-Human Use Solid Substance
VEH	Non-Human Use Effervescent Powders/Granules
VEK	Non-Human Use Soluble Powders
VEP	Non-Human Use Unit Dose Powders
VG	Non-Human Use Liquids
VGA	Non-Human Use Liquids
VGB	Non-Human Use Drops
VGC	Non-Human Use Sprays without Gas
VGN	Non-Human Use Unit Dose Liquids
VGP	Non-Human Use Metered-Dose Liquids
VH	Non-Human Use Pressurised Aerosols
VHA	Non-Human Use Pressurised Aerosols
VHT	Non-Human Use Pressurised Foams
VM	Non-Human Use Ampoules
VMA	Non-Human Use Ampoules
VMB	Non-Human Use Dry Ampoules
VP	Non-Human Use Vials
VPA	Non-Human Use Vials
VS	Non-Human Use Ointments
VSB	Non-Human Use Pastes
VSP	Non-Human Use Unit Dose Ointments and Pastes
VT	Non-Human Use Creams
VTA	Non-Human Use Creams
VTP	Non-Human Use Unit Dose Creams
VV	Non-Human Use Gels and Sols
VVA	Non-Human Use Gels and Sols
VW	Non-Human Use Medicated Dressing
VWC	Non-Human Use Gauze or Fleece with Substance
VY	Non-Human Use Other Special Forms
VYY	Non-Human Use Unknown
VZ	Non-Human Use Medical Use
VZT	Non-Human Use Diagnostic Sticks
VZV	Non-Human Use Diagnostic Test Excluding Sticks
VZY	Non-Human Use Other Medical Aids

Z	Unknown
ZE	Unknown Powders/Granules
ZEA	Unknown Powders
ZEB	Unknown Granules
ZEY	Unknown Other Powders/Granules
ZG	Unknown Liquids
ZGA	Unknown Liquids
ZGH	Unknown Oils
ZY	Unknown Other Special Forms
ZYX	Unknown Promotional Packs
ZYY	Unknown
ZZ	Unknown Medical Aids
ZZZ	Unknown Combination Pack Medical Aids