

AVON LONGITUDINAL STUDY OF PARENTS AND CHILDREN



Child's Medications Data

**BUILT FILES
Documentation**

*Prepared by
Judith Headley,
Kate Northstone
&
The ALSPAC Study Team*

June 2006, v.4a

This document contains details on the text information provided by the mother regarding the medications that her child has taken. It describes how the text has been coded, how the file has been built and how the data should be used.

Access to the data

The complete built file is for internal use only and access is restricted to the ALSPAC statisticians. This is because a mother could be identified from the combination of drugs that she reports taking at any one time point or over several time points.

Collaborators therefore need to consult the Tables at the end of this document to select the appropriate ALSPAC codes, which represent the drugs that they are interested in.

Tables 1a to 1c contain a list of all recorded drugs, the respective ALSPAC code, the WHO drugs code and the ATC code. For ease of use we have provided this information sorted by ALSPAC code in numerical order (Table 1a), sorted by drug name in alphabetical order (Table 1b) and sorted by ATC code (Table 1c).

Table 2 indicates the drug groups represented by the ATC codes.

Further information on the nomenclature of the WHO drugs code is provided later.

Once the collaborator has produced a list of the drugs of interest, approval must be sought from the study director (as with any other data request). Once approval has been granted, the data buddy will compute flags indicating the use of these drugs at the time point of interest. The data buddy must ensure that there are at least *five* cases in a cell. This is to maintain confidentiality of the study participants. So, if any drugs requested by a collaborator only have 2 or 3 'users' the data buddy will have to combine them into summary variables. (Table 3 shows the frequencies with which each drug was recorded at each time point and Tables 4a (all drugs reported – multiple reports included) and 4b (multiple report by one mother counted as one report) show the frequencies of drugs represented by ATC code total drugs taken).

The data

The data is the coded text from the specific questions on medications asked in the study child's questionnaires (to date the 4 week and 54, 78 and 91 month data has been coded):

Questionnaire (time point)	Question																		
My Young Baby Boy/Girl (4 weeks)	<p>F8: Please list all the ointments, pills and medicines that have been given to your baby while he has been at home Check: have you included ointments to prevent nappy rash, eyedrops, herbal remedies,etc</p>																		
My Young 4 year old Boy/girl (54 mths)	<p>B1: Children often have accidents or illnesses that need treatment. Please indicate which of the following have been given to your child since he/she was 3 years old. If yes, please give full names of substances if you can:</p> <table> <tbody> <tr> <td>a. Cough medicine</td> <td>j. Ear drops</td> </tr> <tr> <td>b. Antibiotics/penicillin</td> <td>k. Eye drops</td> </tr> <tr> <td>c. Throat medicine</td> <td>l. Iron</td> </tr> <tr> <td>d. Vitamins</td> <td>m. Laxatives</td> </tr> <tr> <td>e. Paracetamol/calpol</td> <td>n. Homeopathic medicine</td> </tr> <tr> <td>f. Ointment for skin</td> <td>o. Herbal medicine</td> </tr> <tr> <td>g. Eye ointment</td> <td>p. Other</td> </tr> <tr> <td>h. Diarrhoea mixture/pills</td> <td></td> </tr> <tr> <td>i. Dimotapp/decongestant</td> <td></td> </tr> </tbody> </table> <p>B2: Are there any pills, ointments or medicines that he/she has taken every day or nearly every day for the last 3 months? (Include vitamins, skin cream, inhaler, laxatives as well as antibiotics, homeopathic and herbal remedies etc.) If yes, please describe.</p>	a. Cough medicine	j. Ear drops	b. Antibiotics/penicillin	k. Eye drops	c. Throat medicine	l. Iron	d. Vitamins	m. Laxatives	e. Paracetamol/calpol	n. Homeopathic medicine	f. Ointment for skin	o. Herbal medicine	g. Eye ointment	p. Other	h. Diarrhoea mixture/pills		i. Dimotapp/decongestant	
a. Cough medicine	j. Ear drops																		
b. Antibiotics/penicillin	k. Eye drops																		
c. Throat medicine	l. Iron																		
d. Vitamins	m. Laxatives																		
e. Paracetamol/calpol	n. Homeopathic medicine																		
f. Ointment for skin	o. Herbal medicine																		
g. Eye ointment	p. Other																		
h. Diarrhoea mixture/pills																			
i. Dimotapp/decongestant																			
My Son/Daughter Growing Up (78 mths)	<p>C1: Children often have accidents or illnesses that need treatment. Please indicate which of the following have been given to your child in the last 12 months. If yes, please give full names of substances if you can:</p> <table> <tbody> <tr> <td>a. Cough medicine</td> <td>j. Ear drops</td> </tr> <tr> <td>b. Antibiotics/penicillin</td> <td>k. Eye drops</td> </tr> <tr> <td>c. Throat medicine</td> <td>l. Iron</td> </tr> <tr> <td>d. Vitamins</td> <td>m. Laxatives</td> </tr> <tr> <td>e. Paracetamol/calpol</td> <td>n. Homeopathic medicine</td> </tr> <tr> <td>f. Ointment for skin</td> <td>o. Herbal medicine</td> </tr> <tr> <td>g. Eye ointment</td> <td>p. Asthma medication</td> </tr> <tr> <td>h. Diarrhoea mixture/pills</td> <td>q. Vaporiser</td> </tr> <tr> <td>i. Dimotapp/decongestant</td> <td>r. Other</td> </tr> </tbody> </table> <p>C2a: Are there any pills, ointments or medicines that he/she has taken every day or nearly every day for the last 3 months? (Include vitamins, skin cream, inhaler, laxatives as well as antibiotics, homeopathic and herbal remedies etc.) If yes, please describe.</p>	a. Cough medicine	j. Ear drops	b. Antibiotics/penicillin	k. Eye drops	c. Throat medicine	l. Iron	d. Vitamins	m. Laxatives	e. Paracetamol/calpol	n. Homeopathic medicine	f. Ointment for skin	o. Herbal medicine	g. Eye ointment	p. Asthma medication	h. Diarrhoea mixture/pills	q. Vaporiser	i. Dimotapp/decongestant	r. Other
a. Cough medicine	j. Ear drops																		
b. Antibiotics/penicillin	k. Eye drops																		
c. Throat medicine	l. Iron																		
d. Vitamins	m. Laxatives																		
e. Paracetamol/calpol	n. Homeopathic medicine																		
f. Ointment for skin	o. Herbal medicine																		
g. Eye ointment	p. Asthma medication																		
h. Diarrhoea mixture/pills	q. Vaporiser																		
i. Dimotapp/decongestant	r. Other																		
My Son's/Daughter's Well-being (91 mths)	<p>A7: Children often have accidents or illnesses that need treatment. Please indicate which of the following have been given to your child in the last 12 months. If yes, please give full names of substances if you can:</p>																		

Questionnaire (time point)	Question
	a. Cough medicine b. Antibiotics/penicillin c. Throat medicine d. Vitamins e. Paracetamol/calpol f. Ointment for skin g. Eye ointment h. Diarrhoea mixture/pills i. Dimotapp/decongestant
	j. Ear drops k. Eye drops l. Iron m. Laxatives n. Homeopathic medicine o. Herbal medicine p. Asthma medication q. Vaporiser r. Other

A8: Are there any pills, ointments or medicines that he/she has taken every day or nearly every day for the last 3 months?
(Include vitamins, skin cream, inhaler, laxatives as well as antibiotics, homeopathic and herbal remedies etc.) If yes, please describe.

In the 4 week questionnaire and questions B2, C2 and A8 of the 54, 78 and 91 month questionnaires respectively the mother was given several lines in order to record each medication.

For question B1, C1 and A7 of the 54, 78 and 91 month questionnaires respectively, one half line was provided for each type of medication. As such, please be aware that there may be some over-run or medications written on the wrong lines.

How the data were coded

[ALSPAC staff please see more detailed information on the internal website <http://alspac1.alspac.bris.ac.uk/teams/statsgroup/data/File%20building/Drugs/Index-drugs.htm>].

The WHO comprehensive coding structure for drugs was received from the Uppsala monitoring centre and formed the basis for all coding. Our own codes were assigned to individual drugs (ALSPAC code), these are completely unrelated to the WHO code and are purely for our own purposes in order to simplify the data and its usage.

The WHO drugs dictionary is an international classification of drugs providing proprietary drug names used in different countries, together with all active ingredients and the chemical substances with unique reference numbers.

The hierarchical record number system allows for easy, flexible information retrieval. Drugs are classified according to the Anatomical-Therapeutic-Chemical (ATC) classification which allows for grouping of drugs in different ways for comparison purposes. The WHO dictionary also contains cross references to manufacturers and reference sources.

All drugs are given record numbers in consecutive order as they are entered into the WHO database. A record number (drug-ID) consists of a drug record number (DRECNO) and two sequence numbers (SEQ1 and SEQ2). The first sequence number is used to differentiate between salts/esters of a given substance, and the second sequence number separates trade names with the same ingredient(s). The

WHO codes as shown in the tables have been given our own nomenclature for ease of use: they have been concatenated into a string, with the components delimited by d, a, b respectively. Thus, d4984a1b5 refers to Drug record number =4984, sequence number 1=1, sequence number 2 = 5.

The ATC code (Anatomical Therapeutic Chemical classification system) groups medications according to the organ or system on which they are designed to act and their chemical, pharmacological and therapeutic properties. Please see here for further details: <http://www.whocc.no/atcddd/>

Homeopathic products reported within the medication questions have been coded as 'homeopathic'. Another member of ALSPAC staff has coded specific data on homeopathic products and the information provided under the medication questions will be incorporated with that and held elsewhere.

Where possible, similar codes have been combined and drugs reported as brand names have been combined with those drugs recorded by generic name.

Creating the built file

ALSPAC users, please see more detailed information on the internal website.

The dataset currently contains 14704 cases, though naturally not all have completed the questions or even the relevant questionnaires. This is clearly indicated in the variables. The 91 month data contains 28 'new' cases. So, the number of cases is based on the 14676 fetuses in the original ALSPAC sample (i.e those appearing on the KZ file) plus the 'new' cases.

There are many cases where the tick box responses indicated that the child had taken a certain type of medication, but no text was provided. It is inevitable that there will be a bias in those mothers who provide detailed information. In order to minimise this and provide as complete a dataset as possible, we have imputed non-specific codes into the text box responses for those cases. For example, if a mother had ticked 'Yes, for one episode' or 'Yes, for 2 or more episodes' for antibiotics/penicillin but did not provide any further information regarding the name of the substance taken, we ensured that that child had a drug code of 706 for that question, representing 'Antibiotics Oral'.

The table overleaf provides a summary of the number of drugs recorded at each time point.

Total no. drugs recorded	KA (4 wks)	KK (54 mths)	KP (78 mths)	KR (91 mths)
Q not completed	1310	4976 split	6126 split	2901
Q not sent*	1045	Info from Andy B	Info from Andy B	3453
0	2835	129	339	410
1	3353	557	1010	1139
2	2904	1400	1746	1911
3	1738	2020	1715	1759
4	842	1834	1370	1317
5	409	1382	1001	771
6	170	939	590	451
7	57	578	346	227
8	23	352	179	133
9	18	205	139	77
10		103	51	43
11		74	33	32
12		49	24	12
13		30	13	7
14		25	6	7
15		16	10	6
16		19	1	9
17		10	1	32
18		1	2	5
19		0	0	2
20		2	1	
21		1	0	
22			0	
23			1	
No. of returned Qs	12349	9728	8578	8350

* Not sent due to miscarriage/death/other

The variables on the built files are labelled as follows:
 medka01 to medka09 from 'My Young Baby Boy/Girl'
 medkk01 to medkk20 from 'My Young 4 year old Boy/Girl'
 medkp01 to medkp23 from 'My Son/Daughter Growing Up'
 medkr01 to medkr19 from 'My Son's/Daughter's Well-being'
 Missing values have been assigned as follows:

- 1: Not stated (will not appear in first variable at each time point)
- 2: Not completed question/no drugs reported
- 3: Not completed Questionnaire
- 9: New case

Notes on the Built File

Due to different questions being asked in the later questionnaires, an additional set of variables have been included to indicate which question the text response refers to. These variables are labelled as:

medkk01a to medkk20a from 'My Young 4 year old Boy/Girl'
medkp01a to medkp23a from 'My Son/Daughter Growing Up'
medkr01a to medkr19a from 'My Son's/Daughter's Well-being'

and allow the researcher to distinguish between medications being reported daily (or nearly every day) or otherwise.

Please note that the frequencies shown in the tables for this time point are overall frequencies (e.g. from questions A7 and A8 for 91 mth data combined).

Users should remember that the 4 week questionnaire was completed over a wide range of ages, we recommend that this be taken into consideration when investigating medications taken at this time point (many medications are not recommended for use under the age of 3 months). [Age of completion is variable KA325 on the KA built file].

Table 1a: List of medications with ALSPAC, WHO and ACT code, sorted by ALSPAC code

Table 1a			
ALSPAC code	Drug name	WHO code	ATC code
2	Benzalkonium chloride lozenges	d883a2b1	R02AA
4	Brompheniramine	d986a1b1	R06AB
6	Amoxicillin (amoxycillin)	d2496a1b1	J01CA
11	Herbal (oral)	d900459a1b1	V03AX
16	Anusol	d1173a1b1	C05AX
18	Aqueous cream/ emulsifying ointment	d6628a1b1	D02AC
19	Asilone	d4801a1b2	A02AF
20	Furosemide (frusemide)	d326a1b3	C03CA
23	Enalapril	d5749a1b1	C09AA
25	Beclomethasone nasal	d2126a2b1	R01AD
31	Benylin expectorant	d84a1b2	R05CA
32	Betamethasone topical	d85a1b1	D07AC
40	Brewers yeast	d2437a1b5	A11EC
43	Calcium supplement	d7515a1b1	A12AA
44	Aciclovir ophthalm.	d5873a1b1	S01AD
45	Betnesol-N drops	d2036a1b1	S03CA
47	Zinc & Castor oil cream	d6354a1b1	D02AB
51	Head lice lotion	d900372a1b1	P03AX
52	Scabies cream	d900382a1b1	P03A
53	Mebendazole	d3314a1b1	P02CA
58	Cod liver oil	d4929a1b1	A11CB
60	Anthelmintic	d900378a1b1	P02
61	Unknown cream/ointment		D
64	Zinc cream	d900174a1b1	D02AB
66	Cough & cold treatment	d900398a1b1	R05
73	Clobetasol topical	d3371a2b1	D07AD
74	Erythromycin	d209a1b1	J01FA
76	Clobetasone topical	d4857a2b1	D07AB
77	Evening Primrose oil - GLA	d6217a1b1	V03AX
79	Nystatin oral	d365a1b1	A01AB
84	Kaolin & morphine mixture	d2401a1b1	A07DA
87	Erythromycin topical	d209a1b1	D10AF
93	Otrivine-antistin	d4567a1b1	S01G
98	Benylin Dry Cough	d13256a1b1	R05X
99	Benylin mentholated	d12611a1b1	R05DA
103	Paracetamol/codeine	d1164a1b25	N02BE
105	Magnesium Sulphate paste	d10970a1b1	D08AX
107	Vitamin D supplement	d1079a1b2	A11CC
110	Steroids oral	d900269a1b1	H02A
116	Miconazole topical	d3108a2b1	D01AC
120	Germolene	d1542a1b1	D08AX
121	Zinc Oxide	d848a1b1	D02AB
124	Proguanil	d413a1b1	P01BB
125	Antiviral topical	d900214a1b1	D06BB
126	Surgical spirit	d950a1b1	D02AF
127	Penetrol vapour liquid	d900406a1b1	R05X
129	Calcium Carbonate	d1080a1b1	A02AC
132	Gentamicin aural	d471a2b1	S02AA
134	Cerumol ear drops	d850a1b1	S02AA
136	Demulcent/herbal linctus	d900398a1b1	R05
138	Antihistamine topical	d900187a1b1	D04AA
144	Prednisolone ophthalm.	d162a1b1	S01BA
147	Glycerine unknown route	d2006a1b2	V03AX
149	Antacid	d900002a1b1	A02A
168	Kaolin suspension	d2358a1b1	A07BC
181	Fish liver oil	d13341a1b1	C10AX
203	Multivitamins with iron	d900039a1b1	A11AA
204	Multivitamins	d900040a1b1	A11BA
211	Normacol	d1194a1b1	A06AB
213	Oilatum Emollient	d7819a1b1	D02AC
216	Olbas oil	d9391a1b1	R05X
219	Analgesics	d900346a1b1	N02
221	Paracetamol	d200a1b1	N02BE
226	Vaginal antiinfective	d900222a1b1	G01
227	Pholcodine linctus	d942a1b1	R05DA
236	Iron/folic acid	d900081a1b1	B03AD
253	Salbutamol inhaled	d1395a1b1	R03AC
261	Scheriproct	d9654a1b1	C05AA
263	senokot	d1422a3b2	A06AB

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
271	Vicks nasal inhaler	d5317a1b1	R05X
273	Hypnotics & sedatives	d900361a1b1	N05C
278	Aspirin	d27a1b1	N02BA
289	Levothyroxine	d680a1b1	H03AA
311	Vitamins unspec	d900036a1b1	A11
314	Zinc supplement	d1565a1b1	A12CB
318	E45 cream	d9918a1b1	D02AC
363	Aconite (homeopathic)	d4788a1b1	D05AA
354	Actifed	d56a1b1	R01BA
360	Alphaderm/ Calmurid-HC	d5401a1b1	D07XA
366	Amitriptyline	d922a1b1	N06AA
373	Emollient	d900172a1b1	D02A
381	Aromatherapy oil		V03AX
388	Ipratropium inhaled	d3914a2b1	R03BB
391	Soya oil topical	d7444a1b3	D02AX
392	Balneum plus	d13254a1b1	D11AX
398	Sodium bicarbonate	d494a1b1	A02AH
402	Bonjela	d2392a1b1	A01AD
404	Terbutaline inhaled	d1992a2b1	R03AC
410	Calendula/Marigold cream	d7599a1b1	V03AX
419	Clotrimazole topical	d2125a1b1	D01AC
432	Dequalinium	d1487a2b1	R02AA
458	Eucalyptus oil	d5524a1b1	R05CA
461	Ophthalmological preparation	d900410a1b1	S01
467	Flucloxacillin	d2391a1b1	J01CF
470	Fucidic acid topical	d657a2b1	D06AX
485	Hydrocortisone topical	d286a1b1	D07AA
489	Ibuprofen	d1092a1b1	M01AE
501	Lanacane	d3223a1b1	D04AB
502	Lanolin	d1853a1b1	D02AX
504	Lavender oil	d13933a1b1	V03AX
506	Lemsip/Beechams hot lemon	d5758a1b1	N02BE
514	Lockets/tunes/menthol throat sweets	d4827a1b1	R05X
515	Cetylpyridinium lozenges	d2830a1b1	R02AA
524	Morphine	d363a1b1	N02AA
526	Movelet	d11782a1b1	M02AC
530	Chlorphenesin topical	d1833a1b1	D01AE
531	Nasal decongestant topical	d900383a1b1	R01A
535	Nitrofurantoin	d244a1b1	G04AC
541	Nystaform	d8671a1b1	D01AA
542	Nystaform-HC	d14165a1b2	D07CA
544	Nystatin topical	d365a1b1	D01AA
547	Cromoglicate Sodium ophthalm.	d821a2b1	S01GX
548	Hexetidine mouthwash	d279a1b1	A01AB
551	Paramax	d423a1b1	J01C
552	Penicillin	d423a1b1	J01C
553	Peppermint oil/water	d7990a1b1	A16
556	Pethidine	d163a1b1	N02AB
557	Econazole topical	d4185a2b1	D01AC
559	Phenobarbital	d232a1b1	N05CA
565	Polytar plus	d13376a1b1	D05AA
574	Priksen	d2692a1b1	P02CB
577	Propranolol	d300a1b1	C07AA
580	Budesonide inhaled	d6146a1b1	R03BA
589	Expectorant	d900399a1b1	R05C
605	Strepsils	d2008a1b1	R02AA
610	Sudocrem	d6337a1b1	D02AB
612	Fluocinolone acetonide	d815a1b1	D07AC
633	Trimeprazine (alimemazine)	d552a2b1	R06AD
637	Vicks vaporub	d558a1b1	R05X
641	Hamamelis topical	d8122a1b1	V03AX
651	Actifed compound linctus	d6760a1b1	R05DA
684	Ampicillin	d5a1b1	J01CA
696	Rennies	d11633a1b1	A02AD
697	Mepyramine topical	d1088a2b1	D04AA
704	Antibiotic topical	d900199a1b1	D06A
706	Antibiotics oral	d900449a1b1	J01
764	Calamine cream/lotion	d2443a1b1	D04AX
773	Camomile cream	d5126a1b1	D08AX
784	Canesten-HC	d7861a1b1	D01AC
787	Carbamazepine	d525a1b1	N03AF
799	Chloramphenicol ophthalm.	d117a1b1	S01AA

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
819	Codeine/Codeine linctus	d126a1b1	R05DA
830	Daktacort	d4495a1b1	D01AC
834	Deep heat	d9971a1b2	M02AC
835	Dermidex	d14607a1b1	D04AB
839	Diazepam	d170a1b1	N05BA
861	Evening Primrose topical	d6217a1b1	V03AX
864	Phenolphthalein	d1466a1b1	A06AB
900	Floradix/floravital	d900053a1b1	A11JB
908	Folic acid	d900084a1b1	B03BB
917	Gastrocote/ gaviscon	d4802a1b1	A02AH
942	Vitamins ACD	d2621a1b1	A11JA
951	Homeopathic remedy	d900461a1b1	V03AX
979	"Iron, oral "	d235a1b1	B03A
1000	Lactulose	d1634a1b1	A06AD
1005	Andrews liver salts	d5761a1b1	A06A
1006	Laxatives	d900018a1b1	A06A
1018	hydrocortisone butyrate topical	d286a5b2	D07AB
1038	Metronidazole	d125a1b1	J01XD
1046	Magnesium hydroxide mixture	d1232a1b1	A02AA
1123	Phenytoin	d174a1b1	N03AB
1132	Polytar	d6178a1b1	D05AA
1161	Prochlorperazine	d133a1b1	A04AD
1188	Royal jelly	d787a1b1	A13A
1196	Savlon antiseptic cream/liquid	d966a1b1	D08A
1199	Senna	d1422a1b1	A06AB
1234	TCP topical	d2807a1b1	D08AE
1237	Temazepam	d3937a1b1	N05CD
1243	Timodine	d4465a1b1	D07CA
1253	Trimethoprim	d1585a1b1	J01EA
1258	Ultraproct	d2254a1b1	C05AA
1260	Unguentum Merck	d7563a1b1	D02AC
1266	Salbutamol oral	d1395a1b1	R03CC
1278	Vitamin C/Ascorbic acid	d80a1b1	A11GA
1284	Vitamin E topical	d1105a1b2	D11A
1298	Xylocaine	d334a2b3	D04AB
1300	Xyloproct	d2407a1b1	C05AA
1320	Ipecacuanha cough prep	d1470a1b1	R05CA
1333	Promethazine	d330a1b1	R06AD
1334	Rehidrat	d6965a1b1	A07CA
1343	Ketovite	d4798a1b1	A11EX
1346	Vicks chloraseptic spray	d1047a1b1	R02AD
1347	Mucron	d1544a1b1	N02BE
1348	Tyrozets	d4490a1b1	R02AD
1354	Karvol inhaled	d4921a1b1	R05X
1357	Terfenadine	d5878a1b1	R06AX
1358	Steroid inhaler	d900392a1b1	R03BA
1363	Chloroquine	d10a1b1	P01BA
1368	Selenium	d750a1b1	A12CE
1372	Oxytetracycline	d297a1b1	J01AA
1380	Manevac	d11421a1b1	A06AC
1381	Belladonna	d3157a1b1	A03BA
1385	Nirolex	d4922a1b1	R05CA
1387	Anbesol liquid/teething gel	d5049a1b1	A01AD
1390	Antihistamine	d900407a1b1	R06A
1392	Loperamide	d3843a1b1	A07DA
1393	Caladryl	d1389a1b1	D04AA
1394	Metatone	d4452a1b1	A13
1396	Mefenamic acid	d442a1b1	M01AG
1412	Diocalm	d6330a1b1	A07BC
1413	Echinacea	d6707a1b1	V03AX
1421	Meggezones	d1409a1b1	R02AD
1432	Nightnurse	d4476a1b1	R05DA
1439	Warfarin	d148a1b1	B01AA
1440	Pavacol-d	d4475a1b1	R05DA
1446	Bisacodyl	d644a1b1	A06AB
1448	Dimotapp	d1276a1b2	R01BA
1450	Dimotane expectorant	d810a1b1	R05CA
1451	Throaties	d7822a1b1	R05X
1452	Minadex	d4281a1b1	A11JB
1454	Prednisolone	d162a1b1	H02AB
1456	Heparinoid	d7237a1b1	B01AB
1465	Pyridoxine	d589a1b1	A11HA

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
1472	Hypromellose	d4451a1b1	S01KA
1473	Sofradex	d6596a1b2	S03CA
1474	Guaifenesin	d480a1b1	R05CA
1478	Audicort	d2011a1b1	S02CA
1479	Propamidine isetionate	d6539a2b1	S01AX
1483	Aminophylline	d37a1b1	R03DA
1491	Dichloralphenazone	d595a1b1	N05CC
1492	Budesonide nasal	d6146a1b1	R01AD
1493	Calmurid	d2321a1b1	D02AE
1503	Trimovate	d4565a1b1	D07CB
1504	Chlorpheniramine	d725a1b2	R06AB
1512	Picosulphate	d3628a1b1	A06AB
1520	Cimetidine	d3974a1b1	A02BA
1521	Pizotifen	d1359a1b1	N02CX
1533	Betnovate-N	d2012a1b1	D07AC
1535	Clemastine	d1372a2b1	R06AA
1536	Betnovate-C	d1042a1b1	D07AC
1547	Solpadeine	d1541a1b1	N02BE
1555	Ranitidine	d5508a1b1	A02BA
1575	Oromize earspray	d10349a1b1	S02AC
1587	Covonia Bronchial balsam	d11414a1b1	R05FA
1588	Throat lozenges/sprays	d900387a1b1	R02A
1593	Asthma inhaler	d900389a1b1	R03
1609	General anaesthetic	d900341a1b1	N01A
1620	Garlic Pearles	d5672a1b1	V03AX
1624	Bismuth subcitrate	d1393a9b1	A02BX
1625	Valproate sodium	d2285a2b1	N03AG
1631	Mineral supplement	d900055a1b1	A12
1634	Anti-inflammatory	d900322a1b1	M01
1637	Potassium citrate	d958a1b1	G04BX
1638	Gripe water (all brands)	d494a1b1	A02AH
1639	Cuplex	d7979a1b1	D11AF
1640	Typhoid vaccine	d1670a1b1	J07AP
1656	Efamol	d9861a1b1	V03AX
1661	Milpar	d2591a1b2	A06AA
1663	Daynurse	d6457a1b1	N02BE
1681	Terbutaline (oral)	d1992a2b2	R03CC
1692	Local anaesthetic	d900340a1b1	N01B
1694	Polio vaccine/booster	d711a1b2	J07BF
1696	Vaccination	d900311a1b1	J07
1698	Nasal decongestant oral	d900385a1b1	R01B
1699	Antiseptic	d900209a1b1	D08A
1703	Antiemetics/antinauseants	d900013a1b1	A04A
1705	Rehydration salts	d3862a1b1	A07CA
1710	Topical antifungal	d900170a1b1	D01A
1728	Oxymetazoline nasal spray	d700a1b1	R01AA
1730	Mentholatum ointment	d4827a1b1	R05AX
1746	Cinnarizine	d1116a1b1	N07CA
1749	Mycota	d11583a1b2	D01AE
1761	Tri-adcortyl ointment	d1313a1b2	D07CB
1770	Prednisolone aural	d162a2b1	S03BA
1775	Cymex	d14205a1b1	D02A
1780	Collis Browne mixture	d14588a1b1	N02AA
1789	Prednisolone rectal	d162a1b1	A07EA
1792	Cicatrin	d1646a1b4	D03AX
1799	Flurondencolence topical	d1829a1b3	D07AC
1805	Crotamiton topical	d2111a1b1	D04AX
1807	Lasonil	d2128a1b1	C05BA
1810	Ethosuximide	d225a1b1	N03AD
1815	Otosporin	d2714a1b1	S02CA
1817	Griseofulvin	d271a1b1	D01BA
1834	Vitamin B complex	d35a1b2	A11EA
1844	Iodine topical	d822a1b1	D08AG
1853	Alclometasone	d8128a2b1	D07AB
1861	Salicylic acid/lactic acid topical	d5046a1b1	D02AF
1864	Treatment for sickness and diarrhoea	d900025a1b1	A07
1877	Sodium bicarbonate aural	d494a1b1	S02DC
1879	Ear drops unspecified	d900422a1b1	S02
1880	Locorten-vioform	d438a1b1	S02AC
1881	Steroid topical	d900205a1b1	D07
1892	Anticonvulsants	d900352a1b1	N03A
1900	Tetracycline	d900282a1b1	J01AA

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
1932	Mupirocin	d7539a1b1	D06AX
1933	Betamethasone ophthalmic	d85a1b1	S01BA
1934	Ascorbic acid in combination	d900049a1b1	A11G
1956	Cephalosporin	d900286a1b1	J01DA
1962	Amoxicillin/Clavulanic acid	d7003a1b4	J01CR
1968	Aciclovir topical	d5873a1b1	D06BB
1970	"Salicylic acid/corn, wart, verruca treatment"	d212a1b1	D02AF
1976	Trimethoprim/sulfamethox treatment	d861a1b5	J01EE
1984	Anti-malarial	d900375a1b1	P01B
1987	Insulin	d305a1b1	A10A
1990	Docusate sodium	d616a2b1	A06AA
1994	Iron preparation	d900080a1b1	B03A
1995	Fucidic acid ophthalmic	d657a1b1	S01AA
2044	Imipramine	d539a1b1	N06AA
2080	Anti-migraine preparation	d900350a1b1	N02C
2093	Stomatological preparation	d900001a1b1	A01A
2101	Joint/muscle pain treatment topical	d900330a1b1	M02A
2105	Nasal preparation	d900458a1b1	R01
2127	Optrex eye drops	d6785a1b1	S01AX
2140	Paraffin soft	d4735a1b1	D02AX
2147	Polytrim eye drops	d6407a1b1	S01AA
2155	Vitamins with minerals	d900053a1b1	A11JB
2184	Meclozine	d728a2b1	A04AD
2188	Salmeterol inhaled	d9547a2b1	R03AC
2190	Omeprazole	d6612a1b1	A02BC
2191	Simple Linctus	d7944a1b1	R05CA
2236	Antifungal oral	d900297a1b1	A01AB
2248	Cromoglicate Sodium inhaled	d821a2b1	R03BC
2249	Benylin paediatric	d7566a1b1	R05C
2261	Cromoglicate Sodium nasal	d821a2b1	R01AC
2278	Xylometazoline nasal	d1096a2b1	R01AA
2312	Alupent syrup	d1446a1b1	R05CB
2322	Aquaban	d5679a1b1	G04BA
2328	Beclomethasone inhaled	d2126a2b1	R03BA
2330	Diphenhydramine topical	d4a2b1	D04AA
2334	Povidone-iodine topical	d800a1b1	D08AG
2340	Boots Bronchial cough mixture	d11228a1b1	R05CA
2342	Boots night-time cough mixture	d12605a1b1	R05DA
2345	Pseudoephedrine	d763a2b1	R01BA
2348	Dibromopropamidine topical	d2760a2b1	D08AC
2357	Buttercup cough mixture	d8059a1b1	R05CA
2361	Ephedrine- nasal	d214a1b1	R01AA
2364	Cefalexin	d1455a1b1	J01DA
2366	Charcoal tablets	d2678a1b1	A07BA
2369	Chlorhexidine mouthwash	d1330a2b1	A01AB
2371	Loratadine	d9175a1b1	R06AX
2380	Comfrey ointment	d12189a1b1	D03AX
2396	Malathion	d5008a1b1	P03AX
2400	Diprobase cream	d11327a1b1	D02AC
2401	Diprobase ointment	d12102a1b1	D02AC
2405	Sodium fluoride	d1682a1b1	A12CD
2406	Enzyme digeset	d900028a1b1	A09AA
2413	Fluocinonide cream	d2804a1b1	D07AC
2418	Fucibet cream	d11315a1b2	D07CC
2421	Fucidin-H	d5245a1b1	D07CA
2423	Galloways cough mixture	d6459a1b1	R05CA
2425	Gamma globulin		V03AX
2428	Gentisone-HC ear drops	d2498a1b2	S02CA
2434	Glycerol suppositories	d2006a1b1	A06AX
2438	Menthol & eucalyptus	d5702a1b1	R05X
2440	Hewletts cream	d4937a1b1	D08AD
2462	Liquid Paraffin	d13268a1b1	A06AA
2478	Ketoconazole topical	d5325a1b1	D01AC
2487	Ispaghula husk	d2650a1b1	A06AC
2492	Polyfax ointment	d1665a1b1	D06AX
2499	Lindane topical	d835a1b1	P03AB
2505	Tretinoin	d2796a1b4	D10AD
2508	Azelastine nasal spray	d8840a2b1	R01AC
2510	Rinstead pastilles	d1059a1b1	R02AA
2511	Salicylic Acid preparation	d900178a1b1	D02AF
2515	Hyoscine butylbromide	d87a1b1	A04AD
2519	Snuffle-babe	d6329a1b1	R05X

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
2521	Solarcaine ointment	d9065a1b1	D04AB
2524	Omega-3 triglycerides	d11689a1b1	C10AX
2527	Coal tar preparation	d3253a1b1	D05AA
2535	Tixylix	d5819a1b1	R05DA
2547	Vitamin E supplement	d1105a1b2	A11HA
2548	Wheatgerm ointment/oil	d10599a1b1	D02AX
2549	Soft Paraffin and fat products	d900175a1b1	D02AC
2550	Whitfields ointment	d4322a1b1	D02AF
2552	Dimeticone	d1595a1b1	A02DA
2557	Electrolade	d9947a1b1	A07CA
2560	Chlorhexidine topical	d1330a2b1	D08AC
2564	Epinephrine	d39a1b1	S01EA
2581	Calcium undecenoate topical	d5480a1b1	D08AX
2582	Califig	d12271a1b1	A06AB
2585	Cannabis	d2377a1b1	N06BX
2586	Cefaclor	d4806a1b1	J01DA
2587	Cefotaxime	d4976a1b1	J01DA
2588	Cefuroxime	d4546a1b1	J01DA
2589	Methylcellulose	d2925a1b1	AD5AC
2605	Dequacaine	d9969a1b1	R02AA
2612	Diclofenac	d3723a1b1	M01AB
2613	Dicyclomine	d686a2b5	A03AA
2614	Digoxin	d177a1b1	C01AA
2616	Clonidine	d1711a2b1	N02CX
2618	Magnesium and calcium carbonates	d2193a1b1	A02AD
2620	Calcipotriol topical	d10206a1b1	D05AX
2621	Dimenhydrinate	d195a1b1	A04AD
2622	Benzalkonium Chloride	d883a2b1	D08AJ
2624	Earex	d5815a1b1	S02DC
2629	Enterosan	d9565a1b1	A07XA
2634	Acetylcysteine	d828a1b1	R05CB
2638	Sulfadiazine	d764a2b1	D06BA
2642	Amphotericin	d575a1b1	A01AB
2650	Heroin	d1976a1b2	XXX/N02AA
2675	Permethrin	d9005a1b1	P03AC
2677	Magnapen	d2400a1b1	J01CR
2697	Naseptin	d697a1b1	D06AX
2699	Neomycin drops	d380a1b1	S03AA
2704	Normax	d805a1b1	A06AB
2709	Hamamelis Water ophthalm.	d8122a1b1	S01XA
2714	Vitamin B complex with Vitamin C	d418a1b1	A11EB
2716	Phenoxymethypenicillin	d18a1b1d	J01CE
2719	Pirvapicillin	d2725a1b1	J01CA
2725	Quinine	d467a1b1	P01BC
2729	Tramazoline nasal spray	d837a2b1	R01AA
2733	Sandocal	d14291a1b1	A12AX
2739	Sulfasalazine	d16a1b1	A07EC
2742	Terra-Cortril	d2561a1b1	D07CA
2744	Theophylline	d122a1b1	R03DA
2745	Thovaline	d12144a1b1	D03AA
2758	Vigabatrin	d8477a1b1	N03AG
2764	Emulsiderm	d7945a1b1	D02AC
2767	Carbary topical	d4919a1b1	P03AX
2786	Cetirizine	d8843a1b1	R06AE
2803	Cafradine	d3380a1b1	J01DA
2816	Cyanocobalamin	d562a1b1	B03BA
2826	meningitis & school vaccination		J07AH
2827	hydroxyzine	d584a2b1	R06AX
2828	"triamcinolone acetonide, local oral use"	d319a2b1	A01AC
2829	methotrexate	d1138a1b1	L01BA
2830	clarithromycin	d9846a1b1	J01FA
2831	triclofos	d545a1b1	N05CM
2832	fluticasone inhaled	d9722a2b1	R03BA
2833	adrenergic inhaled	d900390a1b1	R03A
2834	lamotrigine	d10471a1b1	N03AX
2835	fluticasone nasal	d9722a2b1	R01AD
2836	methylphenidate HCl	d838a2b1	N06BA
2837	estriol vaginal cream	d1624a1b1	G03CA
2838	benzhexol/trihexiphenidyl	d26a1b2	N04AA
2839	cisapride	d8495a1b1	A03FA
2840	fludrocortisone	d2131a1b1	H02AA
2841	montelukast	d13626a2b1	R03DC

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
2842	mineral oil/lanolin oil	d4962a1b1	D02AX
2843	efalex	d14171a1b1	V03AX
2844	desmopressin	d3619a1b1	H01BA
2845	asthma tablets	d900389a1b1	R03
2846	growth hormone	d5504a1b1	H01AC
2847	baclofen	d2526a1b1	M03BX
2848	haloperidol	d274a1b1	N05AD
2849	mometasone furoate topical	d9083a1b1	D07AC
2850	epaderm emollient	d13559a1b1	D02AX
2851	levamisole	d3815a1b1	P02CE
2852	betamethasone nasal	d85a2b2	R01AD
2853	Nutrini extra	d900440a1b1	V06DB
2854	sodium feredetate	d4288a1b1	B03AB
2855	ichthopaste bandages	d4789a1b	D09AB
2856	zinc oxide bandages	d848a1b3	D09AB
2857	oxybutynin	d5389a1b1	G04BD
2858	terbinafine	d9926a1b1	D01AE
2859	hyoscine hydrobromide	d87a3b1	A03BB
2860	anaesthetic cream	d900188a1b1	D04AB
2861	aciclovir oral	d5873a1b1	J05AB
2862	hepatitis A immunisation	d11451a1b1	J07BC
2863	dimotane plus	d6523a1b3	R01BA
2864	desitin cream	d2921a1b2	D08AE
2865	medised	d8062a1b1	N02BE
2866	miconazole oral	d3108a1b1	A01AB
2867	sultrin	d767a1b1	G01AE
2868	honey	d11887a1b1	V03AX
2869	mefloquine	d8130a1b1	P01BA
2870	colloidal silver	d4575a1b1	V03AX
2871	phenothrin	d9148a1b1	P03AC
2872	Pancrelipase	d1502a1b1	A09AA
2873	sodium chloride nasal	d754a1b1	R01AX
2874	Bach Flower Remedy		
2878	Nasal decongestant topical corticosteroid	d900383a1b1	R01AD
2879	Triamcinolene acetone, nasal	d139a2b1	R01AD
2880	Omega-6 EFA containing plant oil	d11793a1b1	V03AX
2881	Omega-3 EFA containing plant oil	d14115a1b1	V03AX
2882	Cocolis	d4384a1b3	D05AA
2883	antiflatulent	d900004a1b1	A02DA
2884	medicated shampoo (infant)	d900220a1b1	D11AC
2885	almond oil topical	d14526a1b1	V03AX
2886	gentamicin ophthalmic.	d471a2b1	S01AA
2887	arachis oil	d6340a1b1	D02AC
2888	DPT vaccine	d193a1b1	J07AJ
2889	etracycline eye ointment	d17a2b1	S01AA
2890	teething gel (lidocaine/cetylpyridium chloride)	dnirolex0a1b1	A01AD
2891	ampicillin/cloxacillin	d1903a1b1	J01CR
2892	ster-zac powder	d1076a1b1	D08AE
2893	ophthalmic antibiotics	d900411a1b1	S01A
2895	chlortetracycline eye ointment	d586a1b1	S01AA
2896	chlortetracycline ointment	d586a1b1	D01AA
2897	infant gaviscon	d6335a1b1	A02EA
2898	meltus baby linctus	d4371a1b1	R05
2899	Orciprenaline systemic	d2a1b1	R03CB
2901	chlorocresol inhaled	d4811a1b2	R05X
2902	pholcodine + antihistamine		R05DA
2903	pholcodine + antihistamine + decongestant		R05DA
2904	dimotane co	d12231a1b1	R05X
2905	dextromethorphan + antihistamine		R05DA
2906	herbal topical	d900459a1b1	V03AX
2907	barium meal	d1250a2b1	V08BA
2908	BCG vaccine	d20a1b1	J07AN
2910	Silver nitrate	d4445a1b1	D08AL
2911	Chlorothiazide	d118a1b1	C03AA
2912	clonazepam (as anti-epileptic)	d2852a1b1	N03AE
2913	chlorhexidine ophthalmic	d1330a1b1	S01AX
2914	conotrane	d6043a1b1	D02AA
2915	olive oil topical	d4387a1b1	D02A
2916	cradle cap cream		D02A
2917	dextrolyte	d5018a1b6	A07CA
2918	diphtheria vaccine	d4686a1b1	J07AF
2919	duocal	d900445a1b1	V06DX

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
2920	eczederm cream	d8157a1b1	D04AX
2921	erythromycin eye ointment	d209a1b1	S01AA
2922	sulfacetamide eye drops	d1507a1b1	S01AB
2923	gentamicin topical	d471a1b1	D06AX
2924	herbal drink		V03AX
2925	baby toiletries		V07AX
2927	carobel		A02EA
2928	isomil	d5031a1b1	V06DF
2929	diphenhydramine	d4a1b1	R06AA
2930	guaifenesin and pseudoephedrine		R05X
2931	dextromethorphan and pseudoephedrine		R05X
2933	skin cream for eczema	d900172a1b1	D02A
2934	antiepileptic	d900352a1b1	N03A
2935	maxitrol	d3936a1b1	S01CA
2936	metanium	d5981a1b1	D02AX
2937	morsep	d6458a1b1	D08AJ
2938	neomycin topical	d380a1b1	D06AX
2939	eosporin eye drops	d1302a1b1	S03AA
2940	vitamin k	d324a1b4	B02BA
2941	piptalin	d7584a1b1	A03AB
2942	polycal	d900441a1b1	V06DC
2943	potassium permanganate	d2502a1b1	D08AX
2945	saline drops	d754a1b1	S03D
2946	framycetin eye drops	d943a1b1	S01AA
2947	vasogen	d9023a1b1	D02AX
2948	vioform-hydrocortisone	d2641a1b1	D07BA
2950	cefizime	d8218a1b1	J01DA
2951	Azithromycin		
2952	isoniazid	d302a1b1	J04AC
2953	rifampicin	d1469a1b1	J04AB
2955	Stopayne		
2957	Tylenol cold	d7242a1b4	N02BE
2958	decongestants and antiallergics ophthalm.	d900417a1b1	S01G
2959	tobramycin ophthalmic	d3042a1b1	S01AA
2960	nedocromil sodium ophthalmic	d7946a1b1	S01GX
2961	olive oil aural	d4387a1b1	S02DC
2962	lodoxamide	d9975a1b1	S01GX
2963	Hydromol ointment	d9066a1b1	D02AC
2964	Wasp-eze	d8098a1b2	D04A
2965	Stretomycin	d510a1b1	J01GA
2966	Hydrocortisone systemic	d286a1b1	H02AB
2967	Clindamycin systemic	d1660a1b1	J01FF
2968	Cloperastine	d3984a1b1	R05DB
2969	Amylase	d7661a1b1	A09AA
2972	urea hydrogen peroxide ear drops	d6133a1b1	S02DC
2973	artificial tears	d900462a1b1	S01XA
2974	eye drops for diagnostic use	d900414a1b1	S01J
2975	oxiconazole nitrate	d8127a2b1	D01AC
2976	betamethasone aural	d85a1b1	S02BA
2977	choline salicylate ear drops	d2380a1b1	S02DA
2978	graneodin	d1209a1b1	D06AX
2979	chloramphenicol oral	d117a1b1	J01BA
2980	Benzydamine local oral use	d523a2b1	A01AD
2981	"dextromethorphan, pseudoephedrine and antihistamine"		R05DA
2982	Actifed expectorant	d7065a1b1	R05CA
2983	Dextromethorphan and guaifenesin	d14102a1b1	R05DA
2984	olive oil as laxative	d4387a1b1	A06AA
2985	antibiotic ear drops	d900423a1b1	S02A
2986	magnesium citrate	d4345a1b1	A06AD
2987	fluorometholone eye drops	d5751a1b1	S01BA
2988	Bromhexine hydrochlorine	d47a2b1	R05CB
2989	Dextromethorphan	d481a1b1	R05DA
2990	Docusate sodium aural	d616a2b1	S02DC
2991	Liquid nitrogen treatment	d12545a1b1	D11AX
2992	Ketoifen	d4952a1b1	R06AX
2993	Chloramphenicol ear drops	d117a1b1	S02AA
2994	Chemotherapy	d900314a1b1	L
2995	Tinidazole	d3216a1b1	J01XD
2997	Triamcinolone/chlortetracycline	d6638a1b1	D07CB
2998	Sue screen/UV protector topical		D02BA
2999	Ambroxol	d5460a2b1	R05CB

Table 1a

ALSPAC code	Drug name	WHO code	ATC code
3000	Capasal shampoo	d12261a1b1	D05AA
3001	Gentamicin systemic	d471a1b1	J01GB
3002	Triamcinolone ophthalmic	d391a2b1	S01BA
3003	Hydrocortisone systemic	d286a1b1	H02AB
3004	Vitamin A & D	d3438a1b1	A11CB
3005	Bufexamac	d3718a1b1	M02AA
3006	Fluticasone topical	d9722a2b1	D07AC
3007	Beechams flu plus	d14547a1b1	N02BE
3008	Steroids aural		S02BA
3009	Glycerine aural	d2006a1b1	S02DC
3010	Isopropyl alcohol, aural	d311a1b2	S02DC
3011	Ear drops for wax removal		S02DC
3012	Atropine ophthalmic	d28a1b1	S01FA

Table 1b: List of medications with ALSPAC, WHO and ACT code, sorted by medication name

Table 1b	WHO code	ATC code	ALSPAC code
Drug name			
Acetylcysteine	d828a1b1	R05CB	2634
Aciclovir ophthalm.	d5873a1b1	S01AD	44
aciclovir oral	d5873a1b1	J05AB	2861
Aciclovir topical	d5873a1b1	D06BB	1968
Aconite (homeopathic)	d4788a1b1	D05AA	363
Actifed	d56a1b1	R01BA	354
Actifed compound linctus	d6760a1b1	R05DA	651
Actifed expectorant	d7065a1b1	R05CA	2982
adrenergic inhaled	d900390a1b1	R03A	2833
Alclometasone	d8128a2b1	D07AB	1853
almond oil topical	d14526a1b1	V03AX	2885
Alphaderm/ Calmurid-HC	d5401a1b1	D07XA	360
Alupent syrup	d1446a1b1	R05CB	2312
Ambroxol	d5460a2b1	R05CB	2999
Aminophylline	d37a1b1	R03DA	1483
Amitriptyline	d922a1b1	N06AA	366
Amoxicillin (amoxycillin)	d2496a1b1	J01CA	6
Amoxicillin/Clavulanic acid	d7003a1b4	J01CR	1962
Amphotericin	d575a1b1	A01AB	2642
Ampicillin	d5a1b1	J01CA	684
ampicillin/cloxacillin	d1903a1b1	J01CR	2891
Amylase	d7661a1b1	A09AA	2969
anaesthetic cream	d900188a1b1	D04AB	2860
Analgesics	d900346a1b1	N02	219
Anbesol liquid/teething gel	d5049a1b1	A01AD	1387
Andrews liver salts	d5761a1b1	A06A	1005
Antacid	d900002a1b1	A02A	149
Anthelmintic	d900378a1b1	P02	60
antibiotic ear drops	d900423a1b1	S02A	2985
Antibiotic topical	d900199a1b1	D06A	704
Antibiotics oral	d900449a1b1	J01	706
Anticonvulsants	d900352a1b1	N03A	1892
Antiemetics/antinauseants	d900013a1b1	A04A	1703
antiepileptic	d900352a1b1	N03A	2934
antiflatulent	d900004a1b1	A02DA	2883
Antifungal oral	d900297a1b1	A01AB	2236
Antihistamine	d900407a1b1	R06A	1390
Antihistamine topical	d900187a1b1	D04AA	138
Anti-inflammatory	d900322a1b1	M01	1634
Anti-malarial	d900375a1b1	P01B	1984
Anti-migraine preparation	d900350a1b1	N02C	2080
Antiseptic	d900209a1b1	D08A	1699
Antiviral topical	d900214a1b1	D06BB	125
Anusol	d1173a1b1	C05AX	16
Aquaban	d5679a1b1	G04BA	2322
Aqueous cream/ emulsifying ointment	d6628a1b1	D02AC	18
arachis oil	d6340a1b1	D02AC	2887
Aromatherapy oil		V03AX	381
artificial tears	d900462a1b1	S01XA	2973
Ascorbic acid in combination	d900049a1b1	A11G	1934
Asilone	d4801a1b2	A02AF	19
Aspirin	d27a1b1	N02BA	278
Asthma inhaler	d900389a1b1	R03	1593

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
asthma tablets	d900389a1b1	R03	2845
Atropine ophthalmic	d28a1b1	S01FA	3012
Audicort	d2011a1b1	S02CA	1478
Azelastine nasal spray	d8840a2b1	R01AC	2508
Azithromycin			2951
baby toiletries		V07AX	2925
Bach Flower Remedy			2874
baclofen	d2526a1b1	M03BX	2847
Balneum plus	d13254a1b1	D11AX	392
barium meal	d1250a2b1	V08BA	2907
BCG vaccine	d20a1b1	J07AN	2908
Beclomethasone inhaled	d2126a2b1	R03BA	2328
Beclomethasone nasal	d2126a2b1	R01AD	25
Beechams flu plus	d14547a1b1	N02BE	3007
Belladonna	d3157a1b1	A03BA	1381
Benylin Dry Cough	d13256a1b1	R05X	98
Benylin expectorant	d84a1b2	R05CA	31
Benylin mentholated	d12611a1b1	R05DA	99
Benylin paediatric	d7566a1b1	R05C	2249
Benzalkonium Chloride	d883a2b1	D08AJ	2622
Benzalkonium chloride lozenges	d883a2b1	R02AA	2
benzhexol/trihexiphenidyl	d26a1b2	N04AA	2838
Benzydamine local oral use	d523a2b1	A01AD	2980
betamethasone aural	d85a1b1	S02BA	2976
betamethasone nasal	d85a2b2	R01AD	2852
Betamethasone ophthalm	d85a1b1	S01BA	1933
Betamethasone topical	d85a1b1	D07AC	32
Betnesol-N drops	d2036a1b1	S03CA	45
Betnovate-C	d1042a1b1	D07AC	1536
Betnovate-N	d2012a1b1	D07AC	1533
Bisacodyl	d644a1b1	A06AB	1446
Bismuth subcitrate	d1393a9b1	A02BX	1624
Bonjela	d2392a1b1	A01AD	402
Boots Bronchial cough mixture	d11228a1b1	R05CA	2340
Boots night-time cough mixture	d12605a1b1	R05DA	2342
Brewers yeast	d2437a1b5	A11EC	40
Bromhexine hydrochlorine	d47a2b1	R05CB	2988
Brompheniramine	d986a1b1	R06AB	4
Budesonide inhaled	d6146a1b1	R03BA	580
Budesonide nasal	d6146a1b1	R01AD	1492
Bufexamac	d3718a1b1	M02AA	3005
Buttercup cough mixture	d8059a1b1	R05CA	2357
Cafradine	d3380a1b1	J01DA	2803
Caladryl	d1389a1b1	D04AA	1393
Calamine cream/lotion	d2443a1b1	D04AX	764
Calcipotriol topical	d10206a1b1	D05AX	2620
Calcium Carbonate	d1080a1b1	A02AC	129
Calcium supplement	d7515a1b1	A12AA	43
Calcium undecenoate topical	d5480a1b1	D08AX	2581
Calendula/Marigold cream	d7599a1b1	V03AX	410
Califig	d12271a1b1	A06AB	2582
Calmurid	d2321a1b1	D02AE	1493
Camomile cream	d5126a1b1	D08AX	773
Canesten-HC	d7861a1b1	D01AC	784
Cannabis	d2377a1b1	N06BX	2585

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
Capasal shampoo	d12261a1b1	D05AA	3000
Carbamazepine	d525a1b1	N03AF	787
Carbary topical	d4919a1b1	P03AX	2767
carobel		A02EA	2927
Cefaclor	d4806a1b1	J01DA	2586
Cefalexin	d1455a1b1	J01DA	2364
cefixime	d8218a1b1	J01DA	2950
Cefotaxime	d4976a1b1	J01DA	2587
Cefuroxime	d4546a1b1	J01DA	2588
Cephalosporin	d900286a1b1	J01DA	1956
Cerumol ear drops	d850a1b1	S02AA	134
Cetirizine	d8843a1b1	R06AE	2786
Cetylpyridinium lozenges	d2830a1b1	R02AA	515
Charcoal tablets	d2678a1b1	A07BA	2366
Chemotherapy	d900314a1b1	L	2994
Chloramphenicol ear drops	d117a1b1	S02AA	2993
Chloramphenicol ophthalm.	d117a1b1	S01AA	799
chloramphenicol oral	d117a1b1	J01BA	2979
Chlorhexidine mouthwash	d1330a2b1	A01AB	2369
chlorhexidine ophthalmic	d1330a1b1	S01AX	2913
Chlorhexidine topical	d1330a2b1	D08AC	2560
chlorocresol inhaled	d4811a1b2	R05X	2901
Chloroquine	d10a1b1	P01BA	1363
Chlorothiazide	d118a1b1	C03AA	2911
Chlorphenesin topical	d1833a1b1	D01AE	530
Chlorpheniramine	d725a1b2	R06AB	1504
chlortetracycline eye ointment	d586a1b1	S01AA	2895
chlortetracycline ointment	d586a1b1	D01AA	2896
choline salicylate ear drops	d2380a1b1	S02DA	2977
Cicatrin	d1646a1b4	D03AX	1792
Cimetidine	d3974a1b1	A02BA	1520
Cinnarizine	d1116a1b1	N07CA	1746
cisapride	d8495a1b1	A03FA	2839
clarithromycin	d9846a1b1	J01FA	2830
Clemastine	d1372a2b1	R06AA	1535
Clindamycin systemic	d1660a1b1	J01FF	2967
Clobetasol topical	d3371a2b1	D07AD	73
Clobetasone topical	d4857a2b1	D07AB	76
clonazepam (as anti-epileptic)	d2852a1b1	N03AE	2912
Clonidine	d1711a2b1	N02CX	2616
Cloperastine	d3984a1b1	R05DB	2968
Clotrimazole topical	d2125a1b1	D01AC	419
Coal tar preparation	d3253a1b1	D05AA	2527
Cocolis	d4384a1b3	D05AA	2882
Cod liver oil	d4929a1b1	A11CB	58
Codeine/Codeine linctus	d126a1b1	R05DA	819
Collis Browne mixture	d14588a1b1	N02AA	1780
colloidal silver	d4575a1b1	V03AX	2870
Comfrey ointment	d12189a1b1	D03AX	2380
conotran	d6043a1b1	D02AA	2914
Cough & cold treatment	d900398a1b1	R05	66
Covonia Bronchial balsam	d11414a1b1	R05FA	1587
cradle cap cream		D02A	2916
Cromoglicate Sodium inhaled	d821a2b1	R03BC	2248
Cromoglicate Sodium nasal	d821a2b1	R01AC	2261

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
Cromoglicate Sodium ophthalm.	d821a2b1	S01GX	547
Crotamiton topical	d2111a1b1	D04AX	1805
Cuplex	d7979a1b1	D11AF	1639
Cyanocobalamin	d562a1b1	B03BA	2816
Cymex	d14205a1b1	D02A	1775
Daktacort	d4495a1b1	D01AC	830
Daynurse	d6457a1b1	N02BE	1663
decongestants and antiallergics ophthalm.	d900417a1b1	S01G	2958
Deep heat	d9971a1b2	M02AC	834
Demulcent/herbal linctus	d900398a1b1	R05	136
Dequacaine	d9969a1b1	R02AA	2605
Dequalinium	d1487a2b1	R02AA	432
Dermidex	d14607a1b1	D04AB	835
desitin cream	d2921a1b2	D08AE	2864
desmopressin	d3619a1b1	H01BA	2844
Dextromethorphan	d481a1b1	R05DA	2989
dextrolyte	d5018a1b6	A07CA	2917
dextromethorphan + antihistamine		R05DA	2905
Dextromethorphan and guaifenesin	d14102a1b1	R05DA	2983
dextromethorphan and pseudoephedrine		R05X	2931
dextromethorphan, pseudoephedrine and antihistamine		R05DA	2981
Diazepam	d170a1b1	N05BA	839
Dibromopropamidine topical	d2760a2b1	D08AC	2348
Dichloralphenazone	d595a1b1	N05CC	1491
Diclofenac	d3723a1b1	M01AB	2612
Dicyclomine	d686a2b5	A03AA	2613
Digoxin	d177a1b1	C01AA	2614
Dimenhydrinate	d195a1b1	A04AD	2621
Dimeticone	d1595a1b1	A02DA	2552
dimotane co	d12231a1b1	R05X	2904
Dimotane expectorant	d810a1b1	R05CA	1450
dimotane plus	d6523a1b3	R01BA	2863
Dimotapp	d1276a1b2	R01BA	1448
Diocalm	d6330a1b1	A07BC	1412
diphenhydramine	d4a1b1	R06AA	2929
Diphenhydramine topical	d4a2b1	D04AA	2330
diphtheria vaccine	d4686a1b1	J07AF	2918
Diprobase cream	d11327a1b1	D02AC	2400
Diprobase ointment	d12102a1b1	D02AC	2401
Docusate sodium	d616a2b1	A06AA	1990
Docusate sodium aural	d616a2b1	S02DC	2990
DPT vaccine	d193a1b1	J07AJ	2888
duocal	d900445a1b1	V06DX	2919
E45 cream	d9918a1b1	D02AC	318
Ear drops for wax removal		S02DC	3011
Ear drops unspecified	d900422a1b1	S02	1879
Earex	d5815a1b1	S02DC	2624
Echinacea	d6707a1b1	V03AX	1413
Econazole topical	d4185a2b1	D01AC	557
eczederm cream	d8157a1b1	D04AX	2920
efalex	d14171a1b1	V03AX	2843
Efamol	d9861a1b1	V03AX	1656
Electrolade	d9947a1b1	A07CA	2557
Emollient	d900172a1b1	D02A	373
Emulsiderm	d7945a1b1	D02AC	2764

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
Enalapril	d5749a1b1	C09AA	23
Enterosan	d9565a1b1	A07XA	2629
Enzyme digeset	d900028a1b1	A09AA	2406
esporin eye drops	d1302a1b1	S03AA	2939
epaderm emollient	d13559a1b1	D02AX	2850
Ephedrine- nasal	d214a1b1	R01AA	2361
Epinephrine	d39a1b1	S01EA	2564
Erythromycin	d209a1b1	J01FA	74
erythromycin eye ointment	d209a1b1	S01AA	2921
Erythromycin topical	d209a1b1	D10AF	87
estriol vaginal cream	d1624a1b1	G03CA	2837
Ethosuximide	d225a1b1	N03AD	1810
etraacycline eye ointment	d17a2b1	S01AA	2889
Eucalyptus oil	d5524a1b1	R05CA	458
Evening Primrose oil - GLA	d6217a1b1	V03AX	77
Evening Primrose topical	d6217a1b1	V03AX	861
Expectorant	d900399a1b1	R05C	589
eye drops for diagnostic use	d900414a1b1	S01J	2974
Fish liver oil	d13341a1b1	C10AX	181
Floradix/floravital	d900053a1b1	A11JB	900
Flucloxacillin	d2391a1b1	J01CF	467
fludrocortisone	d2131a1b1	H02AA	2840
Fluocinolone acetonide	d815a1b1	D07AC	612
Fluocinonide cream	d2804a1b1	D07AC	2413
fluorometholone eye drops	d5751a1b1	S01BA	2987
Flurondrenolence topical	d1829a1b3	D07AC	1799
fluticasone inhaled	d9722a2b1	R03BA	2832
fluticasone nasal	d9722a2b1	R01AD	2835
Fluticasone topical	d9722a2b1	D07AC	3006
Folic acid	d900084a1b1	B03BB	908
framycetin eye drops	d943a1b1	S01AA	2946
Fucibet cream	d11315a1b2	D07CC	2418
Fucidic acid ophthalm.	d657a1b1	S01AA	1995
Fucidic acid topical	d657a2b1	D06AX	470
Fucidin-H	d5245a1b1	D07CA	2421
Eurosemide (frusemide)	d326a1b3	C03CA	20
Galloways cough mixture	d6459a1b1	R05CA	2423
Gamma globulin		V03AX	2425
Garlic Pearles	d5672a1b1	V03AX	1620
Gastrocote/ gaviscon	d4802a1b1	A02AH	917
General anaesthetic	d900341a1b1	N01A	1609
Gentamicin aural	d471a2b1	S02AA	132
gentamicin ophthalm.	d471a2b1	S01AA	2886
Gentamicin systemic	d471a1b1	J01GB	3001
gentamicin topical	d471a1b1	D06AX	2923
Gentisone-HC ear drops	d2498a1b2	S02CA	2428
Germolene	d1542a1b1	D08AX	120
Glycerine aural	d2006a1b1	S02DC	3009
Glycerine unknown route	d2006a1b2	V03AX	147
Glycerol suppositories	d2006a1b1	A06AX	2434
graneodin	d1209a1b1	D06AX	2978
Gripe water (all brands)	d494a1b1	A02AH	1638
Griseofulvin	d271a1b1	D01BA	1817
growth hormone	d5504a1b1	H01AC	2846
Guaiifenesin	d480a1b1	R05CA	1474

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
guaiifenesin and pseudoephedrine		R05X	2930
haloperidol	d274a1b1	N05AD	2848
Hamamelis topical	d8122a1b1	V03AX	641
Hamamelis Water ophthalm.	d8122a1b1	S01XA	2709
Head lice lotion	d900372a1b1	P03AX	51
Heparinoid	d7237a1b1	B01AB	1456
hepatitis A immunisation	d11451a1b1	J07BC	2862
Herbal (oral)	d900459a1b1	V03AX	11
herbal drink		V03AX	2924
herbal topical	d900459a1b1	V03AX	2906
Heroin	d1976a1b2	XXX/N02AA	2650
Hewletts cream	d4937a1b1	D08AD	2440
Hexetidine mouthwash	d279a1b1	A01AB	548
Homeopathic remedy	d900461a1b1	V03AX	951
honey	d11887a1b1	V03AX	2868
hydrocortisone butyrate topical	d286a5b2	D07AB	1018
Hydrocortisone systemic	d286a1b1	H02AB	2966
Hydrocortisone systemic	d286a1b1	H02AB	3003
Hydrocortisone topical	d286a1b1	D07AA	485
Hydromol ointment	d9066a1b1	D02AC	2963
hydroxyzine	d584a2b1	R06AX	2827
Hyoscine butylbromide	d87a1b1	A04AD	2515
hyoscine hydrobromide	d87a3b1	A03BB	2859
Hypnotics & sedatives	d900361a1b1	N05C	273
Hypromellose	d4451a1b1	S01KA	1472
Ibuprofen	d1092a1b1	M01AE	489
ichthopaste bandages	d4789a1b	D09AB	2855
Imipramine	d539a1b1	N06AA	2044
infant gaviscon	d6335a1b1	A02EA	2897
Insulin	d305a1b1	A10A	1987
Iodine topical	d822a1b1	D08AG	1844
Ipecacuanha cough prep	d1470a1b1	R05CA	1320
Ipratropium inhaled	d3914a2b1	R03BB	388
Iron preparation	d900080a1b1	B03A	1994
Iron, oral	d235a1b1	B03A	979
Iron/folic acid	d900081a1b1	B03AD	236
isomil	d5031a1b1	V06DF	2928
isoniazid	d302a1b1	J04AC	2952
Isopropyl alcohol, aural	d311a1b2	S02DC	3010
Ispaghula husk	d2650a1b1	A06AC	2487
Joint/muscle pain treatment topical	d900330a1b1	M02A	2101
Kaolin & morphine mixture	d2401a1b1	A07DA	84
Kaolin suspension	d2358a1b1	A07BC	168
Karvol inhaled	d4921a1b1	R05X	1354
Ketoconazole topical	d5325a1b1	D01AC	2478
Ketoifen	d4952a1b1	R06AX	2992
Ketovite	d4798a1b1	A11EX	1343
Lactulose	d1634a1b1	A06AD	1000
lamotrigine	d10471a1b1	N03AX	2834
Lanacane	d3223a1b1	D04AB	501
Lanolin	d1853a1b1	D02AX	502
Lasonil	d2128a1b1	C05BA	1807
Lavender oil	d13933a1b1	V03AX	504
Laxatives	d900018a1b1	A06A	1006
Lemsip/Beechams hot lemon	d5758a1b1	N02BE	506

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
levamisole	d3815a1b1	P02CE	2851
Levothyroxine	d680a1b1	H03AA	289
Lindane topical	d835a1b1	P03AB	2499
Liquid nitrogen treatment	d12545a1b1	D11AX	2991
Liquid Paraffin	d13268a1b1	A06AA	2462
Local anaesthetic	d900340a1b1	N01B	1692
Lockets/tunes/menthol throat sweets	d4827a1b1	R05X	514
Locorten-vioform	d438a1b1	S02AC	1880
Iodoxamide	d9975a1b1	S01GX	2962
Loperamide	d3843a1b1	A07DA	1392
Loratadine	d9175a1b1	R06AX	2371
Magnapen	d2400a1b1	J01CR	2677
Magnesium and calcium carbonates	d2193a1b1	A02AD	2618
magnesium citrate	d4345a1b1	A06AD	2986
Magnesium hydroxide mixture	d1232a1b1	A02AA	1046
Magnesium Sulphate paste	d10970a1b1	D08AX	105
Malathion	d5008a1b1	P03AX	2396
Manevac	d11421a1b1	A06AC	1380
maxitrol	d3936a1b1	S01CA	2935
Mebendazole	d3314a1b1	P02CA	53
Meclozine	d728a2b1	A04AD	2184
medicated shampoo (infant)	d900220a1b1	D11AC	2884
medised	d8062a1b1	N02BE	2865
Mefenamic acid	d442a1b1	M01AG	1396
mefloquine	d8130a1b1	P01BA	2869
Meggezones	d1409a1b1	R02AD	1421
melitus baby linctus	d4371a1b1	R05	2898
meningitis & school vaccination		J07AH	2826
Menthol & eucalyptus	d5702a1b1	R05X	2438
Mentholatum ointment	d4827a1b1	R05AX	1730
Mepyramine topical	d1088a2b1	D04AA	697
metanium	d5981a1b1	D02AX	2936
Metatone	d4452a1b1	A13	1394
methotrexate	d1138a1b1	L01BA	2829
Methylcellulose	d2925a1b1	AD5AC	2589
methylphenidate HCl	d838a2b1	N06BA	2836
Metronidazole	d125a1b1	J01XD	1038
miconazole oral	d3108a1b1	A01AB	2866
Miconazole topical	d3108a2b1	D01AC	116
Milpar	d2591a1b2	A06AA	1661
Minadex	d4281a1b1	A11JB	1452
mineral oil/lanolin oil	d4962a1b1	D02AX	2842
Mineral supplement	d900055a1b1	A12	1631
mometasone furoate topical	d9083a1b1	D07AC	2849
montelukast	d13626a2b1	R03DC	2841
Morphine	d363a1b1	N02AA	524
morsep	d6458a1b1	D08AJ	2937
Movelat	d11782a1b1	M02AC	526
Mucron	d1544a1b1	N02BE	1347
Multivitamins	d900040a1b1	A11BA	204
Multivitamins with iron	d900039a1b1	A11AA	203
Mupirocin	d7539a1b1	D06AX	1932
Mycota	d11583a1b2	D01AE	1749
Nasal decongestant oral	d900385a1b1	R01B	1698
Nasal decongestant topical	d900383a1b1	R01A	531

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
Nasal decongestant topical corticosteroid	d900383a1b1	R01AD	2878
Nasal preparation	d900458a1b1	R01	2105
Naseptin	d697a1b1	D06AX	2697
nedocromil sodium ophthalmic	d7946a1b1	S01GX	2960
Neomycin drops	d380a1b1	S03AA	2699
neomycin topical	d380a1b1	D06AX	2938
Nightnurse	d4476a1b1	R05DA	1432
Nirolex	d4922a1b1	R05CA	1385
Nitrofurantoin	d244a1b1	G04AC	535
Normacol	d1194a1b1	A06AB	211
Normax	d805a1b1	A06AB	2704
Nutrini extra	d900440a1b1	V06DB	2853
Nystaform	d8671a1b1	D01AA	541
Nystaform-HC	d14165a1b2	D07CA	542
Nystatin oral	d365a1b1	A01AB	79
Nystatin topical	d365a1b1	D01AA	544
Oilatum Emollient	d7819a1b1	D02AC	213
Olbas oil	d9391a1b1	R05X	216
olive oil as laxative	d4387a1b1	A06AA	2984
olive oil aural	d4387a1b1	S02DC	2961
olive oil topical	d4387a1b1	D02A	2915
Omega-3 EFA containing plant oil	d14115a1b1	V03AX	2881
Omega-3 triglycerides	d11689a1b1	C10AX	2524
Omega-6 EFA containing plant oil	d11793a1b1	V03AX	2880
Omeprazole	d6612a1b1	A02BC	2190
ophthalmic antibiotics	d900411a1b1	S01A	2893
Ophthalmological preparation	d900410a1b1	S01	461
Optrex eye drops	d6785a1b1	S01AX	2127
Orciprenaline systemic	d2a1b1	R03CB	2899
Oromize earspray	d10349a1b1	S02AC	1575
Otosporin	d2714a1b1	S02CA	1815
Otrivine-antistin	d4567a1b1	S01G	93
oxiconazole nitrate	d8127a2b1	D01AC	2975
oxybutynin	d5389a1b1	G04BD	2857
Oxymetazoline nasal spray	d700a1b1	R01AA	1728
Oxytetracycline	d297a1b1	J01AA	1372
Pancrelipase	d1502a1b1	A09AA	2872
Paracetamol	d200a1b1	N02BE	221
Paracetamol/codeine	d1164a1b25	N02BE	103
Paraffin soft	d4735a1b1	D02AX	2140
Paramax	d423a1b1	J01C	551
Pavacol-d	d4475a1b1	R05DA	1440
Penetrol vapour liquid	d900406a1b1	R05X	127
Penicillin	d423a1b1	J01C	552
Peppermint oil/water	d7990a1b1	A16	553
Permethrin	d9005a1b1	P03AC	2675
Pethidine	d163a1b1	N02AB	556
Phenobarbital	d232a1b1	N05CA	559
Phenolphthalein	d1466a1b1	A06AB	864
phenothrin	d9148a1b1	P03AC	2871
Phenoxyethylpenicillin	d18a1b1d	J01CE	2716
Phenytoin	d174a1b1	N03AB	1123
pholcodine + antihistamine		R05DA	2902
pholcodine + antihistamine + decongestant		R05DA	2903
Pholcodine linctus	d942a1b1	R05DA	227

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
Picosulphate	d3628a1b1	A06AB	1512
piptalin	d7584a1b1	A03AB	2941
Pirvapicillin	d2725a1b1	J01CA	2719
Pizotifen	d1359a1b1	N02CX	1521
Polio vaccine/booster	d711a1b2	J07BF	1694
polycal	d900441a1b1	V06DC	2942
Polyfax ointment	d1665a1b1	D06AX	2492
Polytar	d6178a1b1	D05AA	1132
Polytar plus	d13376a1b1	D05AA	565
Polytrim eye drops	d6407a1b1	S01AA	2147
Potassium citrate	d958a1b1	G04BX	1637
potassium permanganate	d2502a1b1	D08AX	2943
Povidone-iodine topical	d800a1b1	D08AG	2334
Prednisolone	d162a1b1	H02AB	1454
Prednisolone aural	d162a2b1	S03BA	1770
Prednisolone ophthalm.	d162a1b1	S01BA	144
Prednisolone rectal	d162a1b1	A07EA	1789
Pripsen	d2692a1b1	P02CB	574
Prochlorperazine	d133a1b1	A04AD	1161
Proguanil	d413a1b1	P01BB	124
Promethazine	d330a1b1	R06AD	1333
Propamidine isetionate	d6539a2b1	S01AX	1479
Propranolol	d300a1b1	C07AA	577
Pseudoephedrine	d763a2b1	R01BA	2345
Pyridoxine	d589a1b1	A11HA	1465
Quinine	d467a1b1	P01BC	2725
Ranitidine	d5508a1b1	A02BA	1555
Rehidrat	d6965a1b1	A07CA	1334
Rehydration salts	d3862a1b1	A07CA	1705
Rennies	d11633a1b1	A02AD	696
rifampicin	d1469a1b1	J04AB	2953
Rinstead pastilles	d1059a1b1	R02AA	2510
Royal jelly	d787a1b1	A13A	1188
Salbutamol inhaled	d1395a1b1	R03AC	253
Salbutamol oral	d1395a1b1	R03CC	1266
Salicylic Acid preparation	d900178a1b1	D02AF	2511
Salicylic acid/corn, wart, verruca treatment	d212a1b1	D02AF	1970
Salicylic acid/lactic acid topical	d5046a1b1	D02AF	1861
saline drops	d754a1b1	S03D	2945
Salmeterol inhaled	d9547a2b1	R03AC	2188
Sandocal	d14291a1b1	A12AX	2733
Savlon antiseptic cream/liquid	d966a1b1	D08A	1196
Scabies cream	d900382a1b1	P03A	52
Scheriproct	d9654a1b1	C05AA	261
Selenium	d750a1b1	A12CE	1368
Senna	d1422a1b1	A06AB	1199
senokot	d1422a3b2	A06AB	263
Silver nitrate	d4445a1b1	D08AL	2910
Simple Linctus	d7944a1b1	R05CA	2191
skin cream for eczema	d900172a1b1	D02A	2933
Snuffle-babe	d6329a1b1	R05X	2519
Sodium bicarbonate	d494a1b1	A02AH	398
Sodium bicarbonate aural	d494a1b1	S02DC	1877
sodium chloride nasal	d754a1b1	R01AX	2873
sodium feredetate	d4288a1b1	B03AB	2854

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
Sodium fluoride	d1682a1b1	A12CD	2405
Sofradex	d6596a1b2	S03CA	1473
Soft Paraffin and fat products	d900175a1b1	D02AC	2549
Solarcaine ointment	d9065a1b1	D04AB	2521
Solpadeine	d1541a1b1	N02BE	1547
Soya oil topical	d7444a1b3	D02AX	391
Steroid inhaler	d900392a1b1	R03BA	1358
Steroid topical	d900205a1b1	D07	1881
Steroids aural		S02BA	3008
Steroids oral	d900269a1b1	H02A	110
ster-zac powder	d1076a1b1	D08AE	2892
Stomatological preparation	d900001a1b1	A01A	2093
Stopayne			2955
Strepsils	d2008a1b1	R02AA	605
Stretomycin	d510a1b1	J01GA	2965
Sudocrem	d6337a1b1	D02AB	610
Sue screen/UV protector topical		D02BA	2998
sulfacetamide eye drops	d1507a1b1	S01AB	2922
Sulfadiazine	d764a2b1	D06BA	2638
Sulfasalazine	d16a1b1	A07EC	2739
sultrin	d767a1b1	G01AE	2867
Surgical spirit	d950a1b1	D02AF	126
TCP topical	d2807a1b1	D08AE	1234
teething gel (lidocaine/cetylpyridium chloride)	dnirolex0a1b1	A01AD	2890
Temazepam	d3937a1b1	N05CD	1237
terbinafine	d9926a1b1	D01AE	2858
Terbutaline (oral)	d1992a2b2	R03CC	1681
Terbutaline inhaled	d1992a2b1	R03AC	404
Terfenadine	d5878a1b1	R06AX	1357
Terra-Cortril	d2561a1b1	D07CA	2742
Tetracycline	d900282a1b1	J01AA	1900
Theophylline	d122a1b1	R03DA	2744
Thovaline	d12144a1b1	D03AA	2745
Throat lozenges/sprays	d900387a1b1	R02A	1588
Throaties	d7822a1b1	R05X	1451
Timodine	d4465a1b1	D07CA	1243
Tinidazole	d3216a1b1	J01XD	2995
Tixylix	d5819a1b1	R05DA	2535
tobramycin ophthalmic	d3042a1b1	S01AA	2959
Topical antifungal	d900170a1b1	D01A	1710
Tramazoline nasal spray	d837a2b1	R01AA	2729
Treatment for sickness and diarrhoea	d900025a1b1	A07	1864
Tretinoin	d2796a1b4	D10AD	2505
Tri-adcortyl ointment	d1313a1b2	D07CB	1761
Triamcinolene acetonide, nasal	d139a2b1	R01AD	2879
triamcinolone acetonide, local oral use	d319a2b1	A01AC	2828
Triamcinolone ophthalmic	d391a2b1	S01BA	3002
Triamcinolone/chlortetracycline	d6638a1b1	D07CB	2997
triclofos	d545a1b1	N05CM	2831
Trimeprazine (alimemazine)	d552a2b1	R06AD	633
Trimethoprim	d1585a1b1	J01EA	1253
Trimethoprim/sulfamethox treatment	d861a1b5	J01EE	1976
Trimovate	d4565a1b1	D07CB	1503
Tylenol cold	d7242a1b4	N02BE	2957
Typhoid vaccine	d1670a1b1	J07AP	1640

Table 1b

Drug name	WHO code	ATC code	ALSPAC code
Tyrozets	d4490a1b1	R02AD	1348
Ultraproct	d2254a1b1	C05AA	1258
Unguentum Merck	d7563a1b1	D02AC	1260
Unknown cream/ointment		D	61
urea hydrogen peroxide ear drops	d6133a1b1	S02DC	2972
Vaccination	d900311a1b1	J07	1696
Vaginal antiinfective	d900222a1b1	G01	226
Valproate sodium	d2285a2b1	N03AG	1625
vasogen	d9023a1b1	D02AX	2947
Vicks chloraseptic spray	d1047a1b1	R02AD	1346
Vicks nasal inhaler	d5317a1b1	R05X	271
Vicks vaporub	d558a1b1	R05X	637
Vigabatrin	d8477a1b1	N03AG	2758
vioform-hydrocortisone	d2641a1b1	D07BA	2948
Vitamin A & D	d3438a1b1	A11CB	3004
Vitamin B complex	d35a1b2	A11EA	1834
Vitamin B complex with Vitamin C	d418a1b1	A11EB	2714
Vitamin C/Ascorbic acid	d80a1b1	A11GA	1278
Vitamin D supplement	d1079a1b2	A11CC	107
Vitamin E supplement	d1105a1b2	A11HA	2547
Vitamin E topical	d1105a1b2	D11A	1284
vitamin k	d324a1b4	B02BA	2940
Vitamins ACD	d2621a1b1	A11JA	942
Vitamins unspec	d900036a1b1	A11	311
Vitamins with minerals	d900053a1b1	A11JB	2155
Warfarin	d148a1b1	B01AA	1439
Wasp-eeze	d8098a1b2	D04A	2964
Wheatgerm ointment/oil	d10599a1b1	D02AX	2548
Whitfields ointment	d4322a1b1	D02AF	2550
Xylocaine	d334a2b3	D04AB	1298
Xylometazoline nasal	d1096a2b1	R01AA	2278
Xyloproct	d2407a1b1	C05AA	1300
Zinc & Castor oil cream	d6354a1b1	D02AB	47
Zinc cream	d900174a1b1	D02AB	64
Zinc Oxide	d848a1b1	D02AB	121
zinc oxide bandages	d848a1b3	D09AB	2856
Zinc supplement	d1565a1b1	A12CB	314

Table 1c: List of medications with ALSPAC, WHO and ACT code, sorted by ATC code

Table 1c			
ATC code	ALSPAC code	Drug name	WHO code
A01A	2093	Stomatological preparation	d900001a1b1
A01AB	2642	Amphotericin	d575a1b1
A01AB	2369	Chlorhexidine mouthwash	d1330a2b1
A01AB	548	Hexetidine mouthwash	d279a1b1
A01AB	2866	miconazole oral	d3108a1b1
A01AB	79	Nystatin oral	d365a1b1
A01AB	2236	Antifungal oral	d900297a1b1
A01AC	2828	triamcinolone acetonide, local oral use	d319a2b1
A01AD	1387	Anbesol liquid/teething gel	d5049a1b1
A01AD	2980	Benzydamine local oral use	d523a2b1
A01AD	402	Bonjela	d2392a1b1
A01AD	2890	teething gel (lidocaine/cetylpyridium chloride)	dnirolex0a1b1
A02A	149	Antacid	d900002a1b1
A02AA	1046	Magnesium hydroxide mixture	d1232a1b1
A02AC	129	Calcium Carbonate	d1080a1b1
A02AD	2618	Magnesium and calcium carbonates	d2193a1b1
A02AD	696	Rennies	d11633a1b1
A02AF	19	Asilone	d4801a1b2
A02AH	917	Gastrocote/ gaviscon	d4802a1b1
A02AH	1638	Gripe water (all brands)	d494a1b1
A02AH	398	Sodium bicarbonate	d494a1b1
A02BA	1520	Cimetidine	d3974a1b1
A02BA	1555	Ranitidine	d5508a1b1
A02BC	2190	Omeprazole	d6612a1b1
A02BX	1624	Bismuth subcitrate	d1393a9b1
A02DA	2883	antiflatulent	d900004a1b1
A02DA	2552	Dimeticone	d1595a1b1
A02EA	2927	carobel	
A02EA	2897	infant gaviscon	d6335a1b1
A03AA	2613	Dicyclomine	d686a2b5
A03AB	2941	piptalin	d7584a1b1
A03BA	1381	Belladonna	d3157a1b1
A03BB	2859	hyoscine hydrobromide	d87a3b1
A03FA	2839	cisapride	d8495a1b1
A04A	1703	Antiemetics/antinauseants	d900013a1b1
A04AD	2621	Dimenhydrinate	d195a1b1
A04AD	2515	Hyoscine butylbromide	d87a1b1
A04AD	2184	Meclozine	d728a2b1
A04AD	1161	Prochlorperazine	d133a1b1
A06A	1005	Andrews liver salts	d5761a1b1
A06A	1006	Laxatives	d900018a1b1
A06AA	1990	Docusate sodium	d616a2b1
A06AA	2462	Liquid Paraffin	d13268a1b1
A06AA	1661	Milpar	d2591a1b2
A06AA	2984	olive oil as laxative	d4387a1b1
A06AB	1446	Bisacodyl	d644a1b1
A06AB	2582	Califig	d12271a1b1
A06AB	211	Normacol	d1194a1b1
A06AB	2704	Normax	d805a1b1
A06AB	864	Phenolphthalein	d1466a1b1
A06AB	1512	Picosulphate	d3628a1b1
A06AB	1199	Senna	d1422a1b1
A06AB	263	senokot	d1422a3b2
A06AC	2487	Ispaghula husk	d2650a1b1
A06AC	1380	Manevac	d11421a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
A06AD	1000	Lactulose	d1634a1b1
A06AD	2986	magnesium citrate	d4345a1b1
A06AX	2434	Glycerol suppositories	d2006a1b1
A07	1864	Treatment for sickness and diarrhoea	d900025a1b1
A07BA	2366	Charcoal tablets	d2678a1b1
A07BC	1412	Diocalm	d6330a1b1
A07BC	168	Kaolin suspension	d2358a1b1
A07CA	2917	dextrolyte	d5018a1b6
A07CA	2557	Electrolade	d9947a1b1
A07CA	1334	Rehidrat	d6965a1b1
A07CA	1705	Rehydration salts	d3862a1b1
A07DA	84	Kaolin & morphine mixture	d2401a1b1
A07DA	1392	Loperamide	d3843a1b1
A07EA	1789	Prednisolone rectal	d162a1b1
A07EC	2739	Sulfasalazine	d16a1b1
A07XA	2629	Enterosan	d9565a1b1
A09AA	2969	Amylase	d7661a1b1
A09AA	2406	Enzyme digeset	d900028a1b1
A09AA	2872	Pancrelipase	d1502a1b1
A10A	1987	Insulin	d305a1b1
A11	311	Vitamins unspec	d900036a1b1
A11AA	203	Multivitamins with iron	d900039a1b1
A11BA	204	Multivitamins	d900040a1b1
A11CB	58	Cod liver oil	d4929a1b1
A11CB	3004	Vitamin A & D	d3438a1b1
A11CC	107	Vitamin D supplement	d1079a1b2
A11EA	1834	Vitamin B complex	d35a1b2
A11EB	2714	Vitamin B complex with Vitamin C	d418a1b1
A11EC	40	Brewers yeast	d2437a1b5
A11EX	1343	Ketovite	d4798a1b1
A11G	1934	Ascorbic acid in combination	d900049a1b1
A11GA	1278	Vitamin C/Ascorbic acid	d80a1b1
A11HA	1465	Pyridoxine	d589a1b1
A11HA	2547	Vitamin E supplement	d1105a1b2
A11JA	942	Vitamins ACD	d2621a1b1
A11JB	900	Floradix/floravital	d900053a1b1
A11JB	1452	Minadex	d4281a1b1
A11JB	2155	Vitamins with minerals	d900053a1b1
A12	1631	Mineral supplement	d900055a1b1
A12AA	43	Calcium supplement	d7515a1b1
A12AX	2733	Sandocal	d14291a1b1
A12CB	314	Zinc supplement	d1565a1b1
A12CD	2405	Sodium fluoride	d1682a1b1
A12CE	1368	Selenium	d750a1b1
A13	1394	Metatone	d4452a1b1
A13A	1188	Royal jelly	d787a1b1
A16	553	Peppermint oil/water	d7990a1b1
AD5AC	2589	Methylcellulose	d2925a1b1
B01AA	1439	Warfarin	d148a1b1
B01AB	1456	Heparinoid	d7237a1b1
B02BA	2940	vitamin k	d324a1b4
B03A	1994	Iron preparation	d900080a1b1
B03A	979	Iron, oral	d235a1b1
B03AB	2854	sodium feredetate	d4288a1b1
B03AD	236	Iron/folic acid	d900081a1b1
B03BA	2816	Cyanocobalamin	d562a1b1
B03BB	908	Folic acid	d900084a1b1
C01AA	2614	Digoxin	d177a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
C03AA	2911	Chlorothiazide	d118a1b1
C03CA	20	Furosemide (frusemide)	d326a1b3
C05AA	261	Scheriproct	d9654a1b1
C05AA	1258	Ultraproct	d2254a1b1
C05AA	1300	Xyloproct	d2407a1b1
C05AX	16	Anusol	d1173a1b1
C05BA	1807	Lasonil	d2128a1b1
C07AA	577	Propranolol	d300a1b1
C09AA	23	Enalapril	d5749a1b1
C10AX	181	Fish liver oil	d13341a1b1
C10AX	2524	Omega-3 triglycerides	d11689a1b1
D	61	Unknown cream/ointment	
D01A	1710	Topical antifungal	d900170a1b1
D01AA	2896	chlortetracycline ointment	d586a1b1
D01AA	541	Nystaform	d8671a1b1
D01AA	544	Nystatin topical	d365a1b1
D01AC	784	Canesten-HC	d7861a1b1
D01AC	419	Clotrimazole topical	d2125a1b1
D01AC	830	Daktacort	d4495a1b1
D01AC	557	Econazole topical	d4185a2b1
D01AC	2478	Ketoconazole topical	d5325a1b1
D01AC	116	Miconazole topical	d3108a2b1
D01AC	2975	oxiconazole nitrate	d8127a2b1
D01AE	530	Chlorphenesin topical	d1833a1b1
D01AE	1749	Mycota	d11583a1b2
D01AE	2858	terbinafine	d9926a1b1
D01BA	1817	Griseofulvin	d271a1b1
D02A	2916	cradle cap cream	
D02A	1775	Cymex	d14205a1b1
D02A	373	Emollient	d900172a1b1
D02A	2915	olive oil topical	d4387a1b1
D02A	2933	skin cream for eczema	d900172a1b1
D02AA	2914	conotrane	d6043a1b1
D02AB	610	Sudocrem	d6337a1b1
D02AB	47	Zinc & Castor oil cream	d6354a1b1
D02AB	64	Zinc cream	d900174a1b1
D02AB	121	Zinc Oxide	d848a1b1
D02AC	18	Aqueous cream/ emulsifying ointment	d6628a1b1
D02AC	2887	arachis oil	d6340a1b1
D02AC	2400	Diprobase cream	d11327a1b1
D02AC	2401	Diprobase ointment	d12102a1b1
D02AC	318	E45 cream	d9918a1b1
D02AC	2764	Emulsiderm	d7945a1b1
D02AC	2963	Hydromol ointment	d9066a1b1
D02AC	213	Oilatum Emollient	d7819a1b1
D02AC	2549	Soft Paraffin and fat products	d900175a1b1
D02AC	1260	Unguentum Merck	d7563a1b1
D02AE	1493	Calmurid	d2321a1b1
D02AF	2511	Salicylic Acid preparation	d900178a1b1
D02AF	1970	Salicylic acid/corn, wart, verruca treatment	d212a1b1
D02AF	1861	Salicylic acid/lactic acid topical	d5046a1b1
D02AF	126	Surgical spirit	d950a1b1
D02AF	2550	Whitfields ointment	d4322a1b1
D02AX	2850	epaderm emollient	d13559a1b1
D02AX	502	Lanolin	d1853a1b1
D02AX	2936	metanium	d5981a1b1
D02AX	2842	mineral oil/lanolin oil	d4962a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
D02AX	2140	Paraffin soft	d4735a1b1
D02AX	391	Soya oil topical	d7444a1b3
D02AX	2947	vasogen	d9023a1b1
D02AX	2548	Wheatgerm ointment/oil	d10599a1b1
D02BA	2998	Sue screen/UV protector topical	
D03AA	2745	Thovaline	d12144a1b1
D03AX	1792	Cicatrin	d1646a1b4
D03AX	2380	Comfrey ointment	d12189a1b1
D04A	2964	Wasp-eeze	d8098a1b2
D04AA	138	Antihistamine topical	d900187a1b1
D04AA	1393	Caladryl	d1389a1b1
D04AA	2330	Diphenhydramine topical	d4a2b1
D04AA	697	Mepyramine topical	d1088a2b1
D04AB	2860	anaesthetic cream	d900188a1b1
D04AB	835	Dermidex	d14607a1b1
D04AB	501	Lanacane	d3223a1b1
D04AB	2521	Solarcaine ointment	d9065a1b1
D04AB	1298	Xylocaine	d334a2b3
D04AX	764	Calamine cream/lotion	d2443a1b1
D04AX	1805	Crotamiton topical	d2111a1b1
D04AX	2920	eczederm cream	d8157a1b1
D05AA	363	Aconite (homeopathic)	d4788a1b1
D05AA	3000	Capasal shampoo	d12261a1b1
D05AA	2527	Coal tar preparation	d3253a1b1
D05AA	2882	Cocolis	d4384a1b3
D05AA	1132	Polytar	d6178a1b1
D05AA	565	Polytar plus	d13376a1b1
D05AX	2620	Calcipotriol topical	d10206a1b1
D06A	704	Antibiotic topical	d900199a1b1
D06AX	470	Fucidic acid topical	d657a2b1
D06AX	2923	gentamicin topical	d471a1b1
D06AX	2978	graneodin	d1209a1b1
D06AX	1932	Mupirocin	d7539a1b1
D06AX	2697	Naseptin	d697a1b1
D06AX	2938	neomycin topical	d380a1b1
D06AX	2492	Polyfax ointment	d1665a1b1
D06BA	2638	Sulfadiazine	d764a2b1
D06BB	1968	Aciclovir topical	d5873a1b1
D06BB	125	Antiviral topical	d900214a1b1
D07	1881	Steroid topical	d900205a1b1
D07AA	485	Hydrocortisone topical	d286a1b1
D07AB	1853	Alclometasone	d8128a2b1
D07AB	76	Clobetasone topical	d4857a2b1
D07AB	1018	hydrocortisone butyrate topical	d286a5b2
D07AC	32	Betamethasone topical	d85a1b1
D07AC	1536	Betnovate-C	d1042a1b1
D07AC	1533	Betnovate-N	d2012a1b1
D07AC	612	Fluocinolone acetonide	d815a1b1
D07AC	2413	Fluocinonide cream	d2804a1b1
D07AC	1799	Flurondrenolence topical	d1829a1b3
D07AC	3006	Fluticasone topical	d9722a2b1
D07AC	2849	mometasone furoate topical	d9083a1b1
D07AD	73	Clobetasol topical	d3371a2b1
D07BA	2948	vioform-hydrocortisone	d2641a1b1
D07CA	2421	Fucidin-H	d5245a1b1
D07CA	542	Nystaform-HC	d14165a1b2
D07CA	2742	Terra-Cortril	d2561a1b1
D07CA	1243	Timodine	d4465a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
D07CB	1761	Tri-adcortyl ointment	d1313a1b2
D07CB	2997	Triamcinolone/chlortetracycline	d6638a1b1
D07CB	1503	Trimovate	d4565a1b1
D07CC	2418	Fucibet cream	d11315a1b2
D07XA	360	Alphaderm/ Calmurid-HC	d5401a1b1
D08A	1699	Antiseptic	d900209a1b1
D08A	1196	Savlon antiseptic cream/liquid	d966a1b1
D08AC	2560	Chlorhexidine topical	d1330a2b1
D08AC	2348	Dibromopropamidine topical	d2760a2b1
D08AD	2440	Hewletts cream	d4937a1b1
D08AE	2864	desitin cream	d2921a1b2
D08AE	2892	ster-zac powder	d1076a1b1
D08AE	1234	TCP topical	d2807a1b1
D08AG	1844	Iodine topical	d822a1b1
D08AG	2334	Povidone-iodine topical	d800a1b1
D08AJ	2622	Benzalkonium Chloride	d883a2b1
D08AJ	2937	morsep	d6458a1b1
D08AL	2910	Silver nitrate	d4445a1b1
D08AX	2581	Calcium undecenoate topical	d5480a1b1
D08AX	773	Camomile cream	d5126a1b1
D08AX	120	Germolene	d1542a1b1
D08AX	105	Magnesium Sulphate paste	d10970a1b1
D08AX	2943	potassium permanganate	d2502a1b1
D09AB	2855	ichthopaste bandages	d4789a1b
D09AB	2856	zinc oxide bandages	d848a1b3
D10AD	2505	Tretinoin	d2796a1b4
D10AF	87	Erythromycin topical	d209a1b1
D11A	1284	Vitamin E topical	d1105a1b2
D11AC	2884	medicated shampoo (infant)	d900220a1b1
D11AF	1639	Cuplex	d7979a1b1
D11AX	392	Balneum plus	d13254a1b1
D11AX	2991	Liquid nitrogen treatment	d12545a1b1
G01	226	Vaginal antiinfective	d900222a1b1
G01AE	2867	sultrin	d767a1b1
G03CA	2837	estriol vaginal cream	d1624a1b1
G04AC	535	Nitrofurantoin	d244a1b1
G04BA	2322	Aquaban	d5679a1b1
G04BD	2857	oxybutynin	d5389a1b1
G04BX	1637	Potassium citrate	d958a1b1
H01AC	2846	growth hormone	d5504a1b1
H01BA	2844	desmopressin	d3619a1b1
H02A	110	Steroids oral	d900269a1b1
H02AA	2840	fludrocortisone	d2131a1b1
H02AB	2966	Hydrocortisone systemic	d286a1b1
H02AB	3003	Hydrocortisone systemic	d286a1b1
H02AB	1454	Prednisolone	d162a1b1
H03AA	289	Levothyroxine	d680a1b1
J01	706	Antibiotics oral	d900449a1b1
J01AA	1372	Oxytetracycline	d297a1b1
J01AA	1900	Tetracycline	d900282a1b1
J01BA	2979	chloramphenicol oral	d117a1b1
J01C	551	Paramax	d423a1b1
J01C	552	Penicillin	d423a1b1
J01CA	6	Amoxicillin (amoxycillin)	d2496a1b1
J01CA	684	Ampicillin	d5a1b1
J01CA	2719	Pivapicillin	d2725a1b1
J01CE	2716	Phenoxytmethylpenicillin	d18a1b1d
J01CF	467	Flucloxacillin	d2391a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
J01CR	1962	Amoxicillin/Clavulanic acid	d7003a1b4
J01CR	2891	ampicillin/cloxacillin	d1903a1b1
J01CR	2677	Magnapen	d2400a1b1
J01DA	2803	Cafradine	d3380a1b1
J01DA	2586	Cefaclor	d4806a1b1
J01DA	2364	Cefalexin	d1455a1b1
J01DA	2950	cefixime	d8218a1b1
J01DA	2587	Cefotaxime	d4976a1b1
J01DA	2588	Cefuroxime	d4546a1b1
J01DA	1956	Cephalosporin	d900286a1b1
J01EA	1253	Trimethoprim	d1585a1b1
J01EE	1976	Trimethoprim/sulfamethox treatment	d861a1b5
J01FA	2830	clarithromycin	d9846a1b1
J01FA	74	Erythromycin	d209a1b1
J01FF	2967	Clindamycin systemic	d1660a1b1
J01GA	2965	Stretomycin	d510a1b1
J01GB	3001	Gentamicin systemic	d471a1b1
J01XD	1038	Metronidazole	d125a1b1
J01XD	2995	Tinidazole	d3216a1b1
J04AB	2953	rifampicin	d1469a1b1
J04AC	2952	isoniazid	d302a1b1
J05AB	2861	aciclovir oral	d5873a1b1
J07	1696	Vaccination	d900311a1b1
J07AF	2918	diphtheria vaccine	d4686a1b1
J07AH	2826	meningitis & school vaccination	
J07AJ	2888	DPT vaccine	d193a1b1
J07AN	2908	BCG vaccine	d20a1b1
J07AP	1640	Typhoid vaccine	d1670a1b1
J07BC	2862	hepatitis A immunisation	d11451a1b1
J07BF	1694	Polio vaccine/booster	d711a1b2
L	2994	Chemotherapy	d900314a1b1
L01BA	2829	methotrexate	d1138a1b1
M01	1634	Anti-inflammatory	d900322a1b1
M01AB	2612	Diclofenac	d3723a1b1
M01AE	489	Ibuprofen	d1092a1b1
M01AG	1396	Mefenamic acid	d442a1b1
M02A	2101	Joint/muscle pain treatment topical	d900330a1b1
M02AA	3005	Bufexamac	d3718a1b1
M02AC	834	Deep heat	d9971a1b2
M02AC	526	Movelet	d11782a1b1
M03BX	2847	baclofen	d2526a1b1
N01A	1609	General anaesthetic	d900341a1b1
N01B	1692	Local anaesthetic	d900340a1b1
N02	219	Analgesics	d900346a1b1
N02AA	1780	Collis Browne mixture	d14588a1b1
N02AA	524	Morphine	d363a1b1
N02AB	556	Pethidine	d163a1b1
N02BA	278	Aspirin	d27a1b1
N02BE	3007	Beechams flu plus	d14547a1b1
N02BE	1663	Daynurse	d6457a1b1
N02BE	506	Lemsip/Beechams hot lemon	d5758a1b1
N02BE	2865	medised	d8062a1b1
N02BE	1347	Mucron	d1544a1b1
N02BE	221	Paracetamol	d200a1b1
N02BE	103	Paracetamol/codeine	d1164a1b25
N02BE	1547	Solpadeine	d1541a1b1
N02BE	2957	Tylenol cold	d7242a1b4
N02C	2080	Anti-migraine preparation	d900350a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
N02CX	2616	Clonidine	d1711a2b1
N02CX	1521	Pizotifen	d1359a1b1
N03A	1892	Anticonvulsants	d900352a1b1
N03A	2934	antiepileptic	d900352a1b1
N03AB	1123	Phenytoin	d174a1b1
N03AD	1810	Ethosuximide	d225a1b1
N03AE	2912	clonazepam (as anti-epileptic)	d2852a1b1
N03AF	787	Carbamazepine	d525a1b1
N03AG	1625	Valproate sodium	d2285a2b1
N03AG	2758	Vigabatrin	d8477a1b1
N03AX	2834	lamotrigine	d10471a1b1
N04AA	2838	benzhexol/trihexiphenidyl	d26a1b2
N05AD	2848	haloperidol	d274a1b1
N05BA	839	Diazepam	d170a1b1
N05C	273	Hypnotics & sedatives	d900361a1b1
N05CA	559	Phenobarbital	d232a1b1
N05CC	1491	Dichloralphenazone	d595a1b1
N05CD	1237	Temazepam	d3937a1b1
N05CM	2831	triclofos	d545a1b1
N06AA	366	Amitriptyline	d922a1b1
N06AA	2044	Imipramine	d539a1b1
N06BA	2836	methylphenidate HCl	d838a2b1
N06BX	2585	Cannabis	d2377a1b1
N07CA	1746	Cinnarizine	d1116a1b1
P01B	1984	Anti-malarial	d900375a1b1
P01BA	1363	Chloroquine	d10a1b1
P01BA	2869	mefloquine	d8130a1b1
P01BB	124	Proguanil	d413a1b1
P01BC	2725	Quinine	d467a1b1
P02	60	Anthelmintic	d900378a1b1
P02CA	53	Mebendazole	d3314a1b1
P02CB	574	Pripson	d2692a1b1
P02CE	2851	levamisole	d3815a1b1
P03A	52	Scabies cream	d900382a1b1
P03AB	2499	Lindane topical	d835a1b1
P03AC	2675	Permethrin	d9005a1b1
P03AC	2871	phenothrin	d9148a1b1
P03AX	2767	Carbary topical	d4919a1b1
P03AX	51	Head lice lotion	d900372a1b1
P03AX	2396	Malathion	d5008a1b1
R01	2105	Nasal preparation	d900458a1b1
R01A	531	Nasal decongestant topical	d900383a1b1
R01AA	2361	Ephedrine- nasal	d214a1b1
R01AA	1728	Oxymetazoline nasal spray	d700a1b1
R01AA	2729	Tramazoline nasal spray	d837a2b1
R01AA	2278	Xylometazoline nasal	d1096a2b1
R01AC	2508	Azelastine nasal spray	d8840a2b1
R01AC	2261	Cromoglicate Sodium nasal	d821a2b1
R01AD	25	Beclomethasone nasal	d2126a2b1
R01AD	2852	betamethasone nasal	d85a2b2
R01AD	1492	Budesonide nasal	d6146a1b1
R01AD	2835	fluticasone nasal	d9722a2b1
R01AD	2878	Nasal decongestant topical corticosteroid	d900383a1b1
R01AD	2879	Triamcinolene acetonide, nasal	d139a2b1
R01AX	2873	sodium chloride nasal	d754a1b1
R01B	1698	Nasal decongestant oral	d900385a1b1
R01BA	354	Actifed	d56a1b1
R01BA	2863	dimotane plus	d6523a1b3

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
R01BA	1448	Dimotapp	d1276a1b2
R01BA	2345	Pseudoephedrine	d763a2b1
R02A	1588	Throat lozenges/sprays	d900387a1b1
R02AA	2	Benzalkonium chloride lozenges	d883a2b1
R02AA	515	Cetylpyridinium lozenges	d2830a1b1
R02AA	2605	Dequacaine	d9969a1b1
R02AA	432	Dequalinium	d1487a2b1
R02AA	2510	Rinstead pastilles	d1059a1b1
R02AA	605	Strepsils	d2008a1b1
R02AD	1421	Megazeones	d1409a1b1
R02AD	1348	Tyrozets	d4490a1b1
R02AD	1346	Vicks chloraseptic spray	d1047a1b1
R03	1593	Asthma inhaler	d900389a1b1
R03	2845	asthma tablets	d900389a1b1
R03A	2833	adrenergic inhaled	d900390a1b1
R03AC	253	Salbutamol inhaled	d1395a1b1
R03AC	2188	Salmeterol inhaled	d9547a2b1
R03AC	404	Terbutaline inhaled	d1992a2b1
R03BA	2328	Beclomethasone inhaled	d2126a2b1
R03BA	580	Budesonide inhaled	d6146a1b1
R03BA	2832	fluticasone inhaled	d9722a2b1
R03BA	1358	Steroid inhaler	d900392a1b1
R03BB	388	Ipratropium inhaled	d3914a2b1
R03BC	2248	Cromoglicate Sodium inhaled	d821a2b1
R03CB	2899	Orciprenaline systemic	d2a1b1
R03CC	1266	Salbutamol oral	d1395a1b1
R03CC	1681	Terbutaline (oral)	d1992a2b2
R03DA	1483	Aminophylline	d37a1b1
R03DA	2744	Theophylline	d122a1b1
R03DC	2841	montelukast	d13626a2b1
R05	66	Cough & cold treatment	d900398a1b1
R05	136	Demulcent/herbal linctus	d900398a1b1
R05	2898	meltus baby linctus	d4371a1b1
R05AX	1730	Mentholatum ointment	d4827a1b1
R05C	2249	Benylin paediatric	d7566a1b1
R05C	589	Expectorant	d900399a1b1
R05CA	2982	Actifed expectorant	d7065a1b1
R05CA	31	Benylin expectorant	d84a1b2
R05CA	2340	Boots Bronchial cough mixture	d11228a1b1
R05CA	2357	Buttercup cough mixture	d8059a1b1
R05CA	1450	Dimotane expectorant	d810a1b1
R05CA	458	Eucalyptus oil	d5524a1b1
R05CA	2423	Galloways cough mixture	d6459a1b1
R05CA	1474	Guaiifenesin	d480a1b1
R05CA	1320	Ipecacuanha cough prep	d1470a1b1
R05CA	1385	Nirolex	d4922a1b1
R05CA	2191	Simple Linctus	d7944a1b1
R05CB	2634	Acetylcysteine	d828a1b1
R05CB	2312	Alupent syrup	d1446a1b1
R05CB	2999	Ambroxol	d5460a2b1
R05CB	2988	Bromhexine hydrochlorine	d47a2b1
R05DA	651	Actifed compound linctus	d6760a1b1
R05DA	99	Benylin mentholated	d12611a1b1
R05DA	2342	Boots night-time cough mixture	d12605a1b1
R05DA	819	Codeine/Codeine linctus	d126a1b1
R05DA	2989	Dextromethorphan	d481a1b1
R05DA	2905	dextromethorphan + antihistamine	
R05DA	2983	Dextromethorphan and guaifenesin	d14102a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
R05DA	2981	dextromethorphan, pseudoephedrine and antihistamine	
R05DA	1432	Nightnurse	d4476a1b1
R05DA	1440	Pavacol-d	d4475a1b1
R05DA	2902	pholcodine + antihistamine	
R05DA	2903	pholcodine + antihistamine + decongestant	
R05DA	227	Pholcodine linctus	d942a1b1
R05DA	2535	Tixylix	d5819a1b1
R05DB	2968	Cloperastine	d3984a1b1
R05FA	1587	Covonia Bronchial balsam	d11414a1b1
R05X	98	Benylin Dry Cough	d13256a1b1
R05X	2901	chlorocresol inhaled	d4811a1b2
R05X	2931	dextromethorphan and pseudoephedrine	
R05X	2904	dimotane co	d12231a1b1
R05X	2930	guaifenesin and pseudoephedrine	
R05X	1354	Karvol inhaled	d4921a1b1
R05X	514	Locketts/tunes/menthol throat sweets	d4827a1b1
R05X	2438	Menthol & eucalyptus	d5702a1b1
R05X	216	Olbas oil	d9391a1b1
R05X	127	Penetrol vapour liquid	d900406a1b1
R05X	2519	Snuffle-babe	d6329a1b1
R05X	1451	Throaties	d7822a1b1
R05X	271	Vicks nasal inhaler	d5317a1b1
R05X	637	Vicks vaporub	d558a1b1
R06A	1390	Antihistamine	d900407a1b1
R06AA	1535	Clemastine	d1372a2b1
R06AA	2929	diphenhydramine	d4a1b1
R06AB	4	Brompheniramine	d986a1b1
R06AB	1504	Chlorpheniramine	d725a1b2
R06AD	1333	Promethazine	d330a1b1
R06AD	633	Trimeprazine (alimemazine)	d552a2b1
R06AE	2786	Cetirizine	d8843a1b1
R06AX	2827	hydroxyzine	d584a2b1
R06AX	2992	Ketoifen	d4952a1b1
R06AX	2371	Loratadine	d9175a1b1
R06AX	1357	Terfenadine	d5878a1b1
S01	461	Ophthalmological preparation	d900410a1b1
S01A	2893	ophthalmic antibiotics	d900411a1b1
S01AA	799	Chloramphenicol ophthalm.	d117a1b1
S01AA	2895	chlortetracycline eye ointment	d586a1b1
S01AA	2921	erythromycin eye ointment	d209a1b1
S01AA	2889	etraacycline eye ointment	d17a2b1
S01AA	2946	framycetin eye drops	d943a1b1
S01AA	1995	Fucidic acid ophthalm.	d657a1b1
S01AA	2886	gentamicin ophthalm.	d471a2b1
S01AA	2147	Polytrim eye drops	d6407a1b1
S01AA	2959	tobramycin ophthalmic	d3042a1b1
S01AB	2922	sulfacetamide eye drops	d1507a1b1
S01AD	44	Aciclovir ophthalm.	d5873a1b1
S01AX	2913	chlorhexidine ophthalmic	d1330a1b1
S01AX	2127	Optrex eye drops	d6785a1b1
S01AX	1479	Propamidine isetionate	d6539a2b1
S01BA	1933	Betamethasone ophthalm	d85a1b1
S01BA	2987	fluorometholone eye drops	d5751a1b1
S01BA	144	Prednisolone ophthalm.	d162a1b1
S01BA	3002	Triamcinolone ophthalmic	d391a2b1
S01CA	2935	maxitrol	d3936a1b1
S01EA	2564	Epinephrine	d39a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
S01FA	3012	Atropine ophthalmic	d28a1b1
S01G	2958	decongestants and antiallergics ophthalm.	d900417a1b1
S01G	93	Otrivine-antistin	d4567a1b1
S01GX	547	Cromoglicate Sodium ophthalm.	d821a2b1
S01GX	2962	Iodoxamide	d9975a1b1
S01GX	2960	nedocromil sodium ophthalmic	d7946a1b1
S01J	2974	eye drops for diagnostic use	d900414a1b1
S01KA	1472	Hypromellose	d4451a1b1
S01XA	2973	artificial tears	d900462a1b1
S01XA	2709	Hamamelis Water ophthalm.	d8122a1b1
S02	1879	Ear drops unspecified	d900422a1b1
S02A	2985	antibiotic ear drops	d900423a1b1
S02AA	134	Cerumol ear drops	d850a1b1
S02AA	2993	Chloramphenicol ear drops	d117a1b1
S02AA	132	Gentamicin aural	d471a2b1
S02AC	1880	Locorten-vioform	d438a1b1
S02AC	1575	Oromize earspray	d10349a1b1
S02BA	2976	betamethasone aural	d85a1b1
S02BA	3008	Steroids aural	
S02CA	1478	Audicort	d2011a1b1
S02CA	2428	Gentisone-HC ear drops	d2498a1b2
S02CA	1815	Otosporin	d2714a1b1
S02DA	2977	choline salicylate ear drops	d2380a1b1
S02DC	2990	Docusate sodium aural	d616a2b1
S02DC	3011	Ear drops for wax removal	
S02DC	2624	Earex	d5815a1b1
S02DC	3009	Glycerine aural	d2006a1b1
S02DC	3010	Isopropyl alcohol, aural	d311a1b2
S02DC	2961	olive oil aural	d4387a1b1
S02DC	1877	Sodium bicarbonate aural	d494a1b1
S02DC	2972	urea hydrogen peroxide ear drops	d6133a1b1
S03AA	2939	eosporin eye drops	d1302a1b1
S03AA	2699	Neomycin drops	d380a1b1
S03BA	1770	Prednisolone aural	d162a2b1
S03CA	45	Betnesol-N drops	d2036a1b1
S03CA	1473	Sofradex	d6596a1b2
S03D	2945	saline drops	d754a1b1
V03AX	2885	almond oil topical	d14526a1b1
V03AX	381	Aromatherapy oil	
V03AX	410	Calendula/Marigold cream	d7599a1b1
V03AX	2870	colloidal silver	d4575a1b1
V03AX	1413	Echinacea	d6707a1b1
V03AX	2843	efalex	d14171a1b1
V03AX	1656	Efamol	d9861a1b1
V03AX	77	Evening Primrose oil - GLA	d6217a1b1
V03AX	861	Evening Primrose topical	d6217a1b1
V03AX	2425	Gamma globulin	
V03AX	1620	Garlic Pearles	d5672a1b1
V03AX	147	Glycerine unknown route	d2006a1b2
V03AX	641	Hamamelis topical	d8122a1b1
V03AX	11	Herbal (oral)	d900459a1b1
V03AX	2924	herbal drink	
V03AX	2906	herbal topical	d900459a1b1
V03AX	951	Homeopathic remedy	d900461a1b1
V03AX	2868	honey	d11887a1b1
V03AX	504	Lavender oil	d13933a1b1
V03AX	2881	Omega-3 EFA containing plant oil	d14115a1b1

Table 1c

ATC code	ALSPAC code	Drug name	WHO code
V03AX	2880	Omega-6 EFA containing plant oil	d11793a1b1
V06DB	2853	Nutrini extra	d900440a1b1
V06DC	2942	polycal	d900441a1b1
V06DF	2928	isomil	d5031a1b1
V06DX	2919	duocal	d900445a1b1
V07AX	2925	baby toiletries	
V08BA	2907	barium meal	d1250a2b1
XXX/N02AA	2650	Heroin	d1976a1b2
	2951	Azithromycin	
	2874	Bach Flower Remedy	
	2955	Stopayne	

Table 2: List of ATC codes with text.

Table 2 ATC Code	Level	ATC Text
A01	2	Stomatological preparations
A01A	3	Stomatological preparations
A02	2	Antacids, drugs for treatm.of pept.ulc.and flatul.
A02A	3	Antacids
A02B	3	Drugs for treatment of peptic ulcer
A02D	3	Antiflatulents
A02E	3	Antiregurgitants
A02X	3	Oth.antac.,drugs for treatm.of pept.ulc and flatul
A03	2	Antispas. And anticholinergic agents and propulsiv
A03A	3	Synthetic antispasm. And antichol. Agents
A03B	3	Belladonna and derivatives, plain
A03C	3	Antispasmodics in combination with psycholeptics
A03D	3	Antispasmodics in combination with analgesics
A03E	3	Antispasm. And antichol. In comb. With other drugs
A03F	3	Propulsives
A04	2	Antiemetics and antinauseants
A04A	3	Antiemetics and antinauseants
A05	2	Bile and liver therapy
A05A	3	Bile therapy
A05B	3	Liver therapy, lipotropics
A05C	3	Drugs for bile therapy and lipotropics in comb.
A06	2	Laxatives
A06A	3	Laxatives
A07	2	Antidiarr.,intest. Antiinfl./antiinfect. Agents
A07A	3	Intestinal antiinfectives
A07B	3	Intestinal adsorbents
A07C	3	Electrolytes with carbohydrates
A07D	3	Antipropulsives
A07E	3	Intestinal antiinflammatory agents
A07F	3	Antidiarrheal microorganisms
A07X	3	Other antidiarrheals
A08	2	Antibesity preparations, excl diet products
A08A	3	Antibesity preparations, excl diet products
A09	2	Digestives, incl enzymes
A09A	3	Digestives, incl enzymes
A10	2	Drugs used in diabetes
A10A	3	Insulins and analogues
A10B	3	Oral blood glucose lowering drugs
A10X	3	Other drugs used in diabetes
A11	2	Vitamins
A11A	3	Multivitamins, combinations
A11B	3	Multivitamins, plain
A11C	3	Vit a and d, incl combinations of the two
A11D	3	Vit b1,plain and in comb with vitamin b6 and b12
A11E	3	Vitamin b-complex, incl combinations
A11G	3	Ascorbic acid (vit c), incl combinations
A11H	3	Other plain vitamin preparations
A11J	3	Other vitamin products, combinations
A12	2	Mineral supplements
A12A	3	Calcium
A12B	3	Potassium
A12C	3	Other mineral supplements
A13	2	Tonics
A13A	3	Tonics
A14	2	Anabolic agents for systemic use
A14A	3	Anabolic steroids
A14B	3	Other anabolic agents
A15	2	Appetite stimulants
A16	2	Other alimentary tract and metabolism products
A16A	3	Other alimentary tract and metabolism products

Table 2

ATC Code	Level	ATC Text
B	1	Blood and blood forming organs
B01	2	Antithrombotic agents
B01A	3	Antithrombotic agents
B02	2	Antihemorrhagics
B02A	3	Antifibrinolytics
B02B	3	Vitamin k and other hemostatics
B03	2	Antianemic preparations
B03A	3	Iron preparations
B03B	3	Vitamin b12 and folic acid
B03X	3	Other antianemic preparations
B05	2	Blood substitutes and perfusion solutions
B05A	3	Blood and related products
B05B	3	I.v. solutions
B05C	3	Irrigating solutions
B05D	3	Peritoneal dialytics
B05X	3	I.v. solution additives
B05Z	3	Hemodialytics and hemofiltrates
B06	2	Other hematological agents
B06A	3	Other hematological agents
C	1	Cardiovascular system
C01	2	Cardiac therapy
C01A	3	Cardiac glycosides
C01B	3	Antiarrhythmics, class i and iii
C01C	3	Cardiac stimulants excl. Cardiac glycosides
C01D	3	Vasodilators used in cardiac diseases
C01E	3	Other cardiac preparations
C02	2	Antihypertensives
C02A	3	Antidiuretic agents, centrally acting
C02B	3	Antidiuretic agents, ganglion-blocking
C02C	3	Antidiuretic agents, peripherally acting
C02D	3	Arteriolar smooth muscle, agents acting on
C02K	3	Other antihypertensives
C02L	3	Antihypertensives and diuretics in combination
C02N	3	Combinations of antihypertensives in atc-gr. C02
C03	2	Diuretics
C03A	3	Low-ceiling diuretics, thiazides
C03B	3	Low-ceiling diuretics, excl thiazides
C03C	3	High-ceiling diuretics
C03D	3	Potassium-sparing agents
C03E	3	Diuretics and potassium-sparing agents in comb
C04	2	Peripheral vasodilators
C04A	3	Peripheral vasodilators
C05	2	Vasoprotectives
C05A	3	Antihemorrhoids for topical use
C05B	3	Antivaricose therapy
C05C	3	Capillary stabilizing agents
C07	2	Beta blocking agents
C07A	3	Beta blocking agents
C07B	3	Beta blocking agents and thiazides
C07C	3	Beta blocking agents and other diuretics
C07D	3	Beta blocking agents, thiazides and other diuretics
C07E	3	Beta blocking agents and vasodilators
C07F	3	Beta blocking agents and other antihypertensives
C08	2	Calcium channel blockers
C08C	3	Selective calc.channel block. W/mainly vasc. Eff.
C08D	3	Selective calc.channel block. W/direct cardiac eff
C08E	3	Non-selective calcium channel blockers
C08G	3	Calcium channel blockers and diuretics
C09	2	Agents acting on the renin-angiotensin system
C09A	3	Ace-inhibitors, plain
C09B	3	Ace-inhibitors, combinations
C09C	3	Angiotensin ii antagonists, plain
C09D	3	Angiotensin ii antagonists, combinations

Table 2

ATC Code	Level	ATC Text
C09X	3	Other agents acting on the renin-angiotensin system
C10	2	Serum lipid reducing agents
C10A	3	Cholesterol and triglyceride reducers
D	1	Dermatologicals
D01	2	Antifungals for dermatological use
D01A	3	Antifungals for topical use
D01B	3	Antifungals for systemic use
D02	2	Emollients and protectives
D02A	3	Emollients and protectives
D02B	3	Protectives against uv-radiation
D03	2	Preparations for treatment of wounds & ulcers
D03A	3	Cicatrizers
D03B	3	Enzymes
D04	2	Antipruritics, incl antihist, anesthet, etc.
D04A	3	Antipruritics, incl antihist, anesthet, etc.
D05	2	Antipsoriatics
D05A	3	Antipsoriatics for topical use
D05B	3	Antipsoriatics for systemic use
D06	2	Antibiotics and chemother. For dermatological use
D06A	3	Antibiotics for topical use
D06B	3	Chemotherapeutics for topical use
D06C	3	Antibiotics and chemotherapeutics, comb
D07	2	Corticosteroids, dermatological preparations
D07A	3	Corticosteroids, plain
D07B	3	Corticosteroids, comb with antiseptics
D07C	3	Corticosteroids, comb with antibiotics
D07X	3	Corticosteroids, other combinations
D08	2	Antiseptics and disinfectants
D08A	3	Antiseptics and disinfectants
D09	2	Medicated dressings
D09A	3	Medicated dressings
D10	2	Anti-acne preparations
D10A	3	Anti-acne preparations for topical use
D10B	3	Anti-acne preparations for systemic use
D11	2	Other dermatological preparations
D11A	3	Other dermatological preparations
G	1	Genito urinary system and sex hormones
G01	2	Gynecological antiinfectives and antiseptics
G01A	3	Antiinfectives/antisept., excl comb with corticost.
G01B	3	Antiinfectives/antiseptics in comb. with corticost.
G02	2	Other gynecologicals
G02A	3	Oxytocics
G02B	3	Contraceptives for topical use
G02C	3	Other gynecologicals
G03	2	Sex hormones and modulators of the genital system
G03A	3	Hormonal contraceptives for systemic use
G03B	3	Androgens
G03C	3	Estrogens
G03D	3	Progestogens
G03E	3	Androgens and female sex hormones in comb
G03F	3	Progestogens and estrogens in combination
G03G	3	Gonadotrophins and other ovulation stimulants
G03H	3	Antiandrogens
G03X	3	Other sex horm. & modulators of the genital system
G04	2	Urologicals
G04A	3	Urinary antiseptics and antiinfectives
G04B	3	Other urologicals, incl antispasmodics
G04C	3	Drugs used in benign prostatic hypertrophy
H	1	Systemic hormonal prep, excl sex hormones
H01	2	Pituitary, hypothalamic hormones and analogues
H01A	3	Anterior pituitary lobe hormones and analogues
H01B	3	Posterior pituitary lobe hormones

Table 2

ATC Code	Level	ATC Text
H01C	3	Hypothalamic hormones
H02	2	Corticosteroids for systemic use
H02A	3	Corticosteroids for systemic use, plain
H02B	3	Corticosteroids for systemic use, combinations
H02C	3	Antidiadrenal preparations
H03	2	Thyroid therapy
H03A	3	Thyroid preparations
H03B	3	Antithyroid preparations
H03C	3	Iodine therapy
H04	2	Pancreatic hormones
H04A	3	Glycogenolytic hormones
H05	2	Calcium homeostasis
H05A	3	Parathyroid hormones
H05B	3	Anti-parathyroid hormones
J	1	General antiinfectives for systemic use
J01	2	Antibacterials for systemic use
J01A	3	Tetracyclines
J01B	3	Amphenicols
J01C	3	Beta-lactam antibacterials, penicillins
J01D	3	Other beta-lactam antibacterials
J01E	3	Sulfonamides and trimethoprim
J01F	3	Macrolides and lincosamides
J01G	3	Aminoglycoside antibacterials
J01M	3	Quinolone antibacterials
J01R	3	Combinations of antibacterials
J01X	3	Other antibacterials
J02	2	Antimycotics for systemic use
J02A	3	Antimycotics for systemic use
J04	2	Antimycobacterials
J04A	3	Drugs for treatment of tuberculosis
J04B	3	Drugs for treatment of leprosy
J05	2	Antivirals for systemic use
J05A	3	Direct acting antivirals
J06	2	Immune sera and immunoglobulins
J06A	3	Immune sera
J06B	3	Immunoglobulins
J07	2	Vaccines
J07A	3	Bacterial vaccines
J07B	3	Viral vaccines
J07C	3	Bacterial and viral vaccines, combined
J07X	3	Other vaccines
L	1	Antineoplastic and immunomodulating agents
L01	2	Antineoplastic agents
L01A	3	Alkylating agents
L01B	3	Antimetabolites
L01C	3	Plant alkaloids and other natural products
L01D	3	Cytotoxic antibiotics and related substances
L01X	3	Other antineoplastic agents
L02	2	Endocrine therapy
L02A	3	Hormones and related agents
L02B	3	Hormone antagonists and related agents
L03	2	Immunostimulants
L03A	3	Cytokines and immunomodulating agents
L04	2	Immunosuppressive agents
L04A	3	Immunosuppressive agents
M	1	Musculo-skeletal system
M01	2	Antiinflammatory and antirheumatic products
M01A	3	Antiinflammatory/antirheumatic prod.,non-steroids
M01B	3	Antiinflammatory/antirheumatic agents in comb.
M01C	3	Specific antirheumatic agents
M02	2	Topical products for joint and muscular pain
M02A	3	Topical products for joint and muscular pain
M03	2	Muscle relaxants

Table 2

ATC Code	Level	ATC Text
M03A	3	Muscle relaxants, peripherally acting agents
M03B	3	Muscle relaxants, centrally acting agents
M03C	3	Muscle relaxants, directly acting agents
M04	2	Antigout preparations
M04A	3	Antigout preparations
M05	2	Drugs for treatment of bone diseases
M05B	3	Drugs affecting mineralization
M09	2	Other drugs for disord. Of the musculo-skelet.syst
M09A	3	Other drugs for disord. Of the musculo-skelet.syst
N	1	Nervous system
N01	2	Anesthetics
N01A	3	Anesthetics, general
N01B	3	Anesthetics, local
N02	2	Analgesics
N02A	3	Opioids
N02B	3	Other analgesics and antipyretics
N02C	3	Antimigraine preparations
N03	2	Antiepileptics
N03A	3	Antiepileptics
N04	2	Anti-parkinson drugs
N04A	3	Anticholinergic agents
N04B	3	Dopaminergic agents
N05	2	Psycholeptics
N05A	3	Antipsychotics
N05B	3	Anxiolytics
N05C	3	Hypnotics and sedatives
N06	2	Psychoanaleptics
N06A	3	Antidepressants
N06B	3	Psychostimulants and nootropics
N06C	3	Psycholeptics and psychoanaleptics in combination
N06D	3	Anti-dementia drugs
N07	2	Other nervous system drugs
N07A	3	Parasympathomimetics
N07B	3	Antismoking agents
N07C	3	Antivertigo preparations
N07X	3	Other nervous system drugs
P	1	Antiparasitic products,insecticides and repellents
P01	2	Antiprotozoals
P01A	3	Agents against amoebiasis and other protozoal dis.
P01B	3	Antimalarials
P01C	3	Agents against leishmaniasis and trypanosomiasis
P02	2	Anthelmintics
P02B	3	Antitrematodals
P02C	3	Antinematodal agents
P02D	3	Anticestodals
P03	2	Ectoparasiticid.,incl scabicid.,insect. And repell
P03A	3	Ectoparasiticides, incl scabicides
P03B	3	Insecticides and repellents
R	1	Respiratory system
R01	2	Nasal preparations
R01A	3	Decongestants and other nasal prep.for topical use
R01B	3	Nasal decongestants for systemic use
R02	2	Throat preparations
R02A	3	Throat preparations
R03	2	Anti-asthmatics
R03A	3	Adrenergics, inhalants
R03B	3	Other anti-asthmatics, inhalants
R03C	3	Adrenergics for systemic use
R03D	3	Other anti-asthmatics for systemic use
R05	2	Cough and cold preparations
R05C	3	Expectorants,excl combinations with cough suppr.
R05D	3	Cough suppressants excl. Comb. With expectorants
R05F	3	Cough suppressants and expectorants, combinations

Table 2**ATC Code****Level****ATC Text**

ATC Code	Level	ATC Text
R05X	3	Other cold combination preparations
R06	2	Antihistamines for systemic use
R06A	3	Antihistamines for systemic use
R07	2	Other respiratory system products
R07A	3	Other respiratory system products
S	1	Sensory organs
S01	2	Ophthalmologicals
S01A	3	Antiinfectives
S01B	3	Antiinflammatory agents
S01C	3	Antiinflammatory agents and antiinfectives in comb
S01E	3	Antiglaucoma preparations and miotics
S01F	3	Mydriatics and cycloplegics
S01G	3	Decongestants and antiallergics
S01H	3	Local anesthetics
S01J	3	Diagnostic agents
S01K	3	Surgical aids
S01X	3	Other ophthalmologicals
S02	2	Otologicals
S02A	3	Antiinfectives
S02B	3	Corticosteroids
S02C	3	Corticosteroids and antiinfectives in combination
S02D	3	Other otologicals
S03	2	Ophthalmological and otological preparations
S03A	3	Antiinfectives
S03B	3	Corticosteroids
S03C	3	Corticosteroids and antiinfectives in combination
S03D	3	Other ophthalmological and otological preparations
V	1	Various
V01	2	Allergens
V01A	3	Allergens
V03	2	All other therapeutic products
V03A	3	All other therapeutic products
V04	2	Diagnostic agents
V04B	3	Urine tests
V04C	3	Other diagnostic agents
V06	2	General nutrients
V06A	3	Diet formulations for treatment of obesity
V06B	3	Protein supplements
V06C	3	Infant formulas
V06D	3	Other nutrients
V07	2	All other non-therapeutic products
V07A	3	All other non-therapeutic products
V08	2	Contrast media
V08A	3	X-ray contrast media, iodinated
V08B	3	X-ray contrast media, non-iodinated
V08C	3	Magnetic resonance imaging contrast media
V08D	3	Ultrasound contrast media
V09	2	Diagnostic radiopharmaceuticals
V09A	3	Central nervous system
V09B	3	Skeleton
V09C	3	Renal system
V09D	3	Hepatic and reticulo endothelial system
V09E	3	Respiratory system
V09F	3	Thyroid
V09G	3	Cardiovascular system
V09H	3	Inflammation and infection detection
V09I	3	Tumour detection
V09X	3	Other diagnostic radiopharmaceuticals
V10	2	Therapeutic radiopharmaceuticals
V10A	3	Antiinflammatory agents
V10B	3	Pain palliation (bone seeking agents)
V10X	3	Other therapeutic radiopharmaceuticals
V20	2	Surgical dressings

Table 2: List of ATC codes with text.

Table 2 ATC Code	Level	ATC Text
A01	2	Stomatological preparations
A01A	3	Stomatological preparations
A02	2	Antacids, drugs for treatm.of pept.ulc.and flatul.
A02A	3	Antacids
A02B	3	Drugs for treatment of peptic ulcer
A02D	3	Antiflatulents
A02E	3	Antiregurgitants
A02X	3	Oth.antac.,drugs for treatm.of pept.ulc and flatul
A03	2	Antispas. And anticholinergic agents and propulsiv
A03A	3	Synthetic antispasm. And antichol. Agents
A03B	3	Belladonna and derivatives, plain
A03C	3	Antispasmodics in combination with psycholeptics
A03D	3	Antispasmodics in combination with analgesics
A03E	3	Antispasm. And antichol. In comb. With other drugs
A03F	3	Propulsives
A04	2	Antiemetics and antinauseants
A04A	3	Antiemetics and antinauseants
A05	2	Bile and liver therapy
A05A	3	Bile therapy
A05B	3	Liver therapy, lipotropics
A05C	3	Drugs for bile therapy and lipotropics in comb.
A06	2	Laxatives
A06A	3	Laxatives
A07	2	Antidiarr.,intest. Antiinfl./antiinfect. Agents
A07A	3	Intestinal antiinfectives
A07B	3	Intestinal adsorbents
A07C	3	Electrolytes with carbohydrates
A07D	3	Antipropulsives
A07E	3	Intestinal antiinflammatory agents
A07F	3	Antidiarrheal microorganisms
A07X	3	Other antidiarrheals
A08	2	Antibesity preparations, excl diet products
A08A	3	Antibesity preparations, excl diet products
A09	2	Digestives, incl enzymes
A09A	3	Digestives, incl enzymes
A10	2	Drugs used in diabetes
A10A	3	Insulins and analogues
A10B	3	Oral blood glucose lowering drugs
A10X	3	Other drugs used in diabetes
A11	2	Vitamins
A11A	3	Multivitamins, combinations
A11B	3	Multivitamins, plain
A11C	3	Vit a and d, incl combinations of the two
A11D	3	Vit b1,plain and in comb with vitamin b6 and b12
A11E	3	Vitamin b-complex, incl combinations
A11G	3	Ascorbic acid (vit c), incl combinations
A11H	3	Other plain vitamin preparations
A11J	3	Other vitamin products, combinations
A12	2	Mineral supplements
A12A	3	Calcium
A12B	3	Potassium
A12C	3	Other mineral supplements
A13	2	Tonics
A13A	3	Tonics
A14	2	Anabolic agents for systemic use
A14A	3	Anabolic steroids
A14B	3	Other anabolic agents
A15	2	Appetite stimulants
A16	2	Other alimentary tract and metabolism products
A16A	3	Other alimentary tract and metabolism products

Table 2

ATC Code	Level	ATC Text
B	1	Blood and blood forming organs
B01	2	Antithrombotic agents
B01A	3	Antithrombotic agents
B02	2	Antihemorrhagics
B02A	3	Antifibrinolytics
B02B	3	Vitamin k and other hemostatics
B03	2	Antianemic preparations
B03A	3	Iron preparations
B03B	3	Vitamin b12 and folic acid
B03X	3	Other antianemic preparations
B05	2	Blood substitutes and perfusion solutions
B05A	3	Blood and related products
B05B	3	I.v. solutions
B05C	3	Irrigating solutions
B05D	3	Peritoneal dialytics
B05X	3	I.v. solution additives
B05Z	3	Hemodialytics and hemofiltrates
B06	2	Other hematological agents
B06A	3	Other hematological agents
C	1	Cardiovascular system
C01	2	Cardiac therapy
C01A	3	Cardiac glycosides
C01B	3	Antiarrhythmics, class i and iii
C01C	3	Cardiac stimulants excl. Cardiac glycosides
C01D	3	Vasodilators used in cardiac diseases
C01E	3	Other cardiac preparations
C02	2	Antihypertensives
C02A	3	Antidiuretic agents, centrally acting
C02B	3	Antidiuretic agents, ganglion-blocking
C02C	3	Antidiuretic agents, peripherally acting
C02D	3	Arteriolar smooth muscle, agents acting on
C02K	3	Other antihypertensives
C02L	3	Antihypertensives and diuretics in combination
C02N	3	Combinations of antihypertensives in atc-gr. C02
C03	2	Diuretics
C03A	3	Low-ceiling diuretics, thiazides
C03B	3	Low-ceiling diuretics, excl thiazides
C03C	3	High-ceiling diuretics
C03D	3	Potassium-sparing agents
C03E	3	Diuretics and potassium-sparing agents in comb
C04	2	Peripheral vasodilators
C04A	3	Peripheral vasodilators
C05	2	Vasoprotectives
C05A	3	Antihemorrhoids for topical use
C05B	3	Antivaricose therapy
C05C	3	Capillary stabilizing agents
C07	2	Beta blocking agents
C07A	3	Beta blocking agents
C07B	3	Beta blocking agents and thiazides
C07C	3	Beta blocking agents and other diuretics
C07D	3	Beta blocking agents, thiazides and other diuretics
C07E	3	Beta blocking agents and vasodilators
C07F	3	Beta blocking agents and other antihypertensives
C08	2	Calcium channel blockers
C08C	3	Selective calc.channel block. W/mainly vasc. Eff.
C08D	3	Selective calc.channel block. W/direct cardiac eff
C08E	3	Non-selective calcium channel blockers
C08G	3	Calcium channel blockers and diuretics
C09	2	Agents acting on the renin-angiotensin system
C09A	3	Ace-inhibitors, plain
C09B	3	Ace-inhibitors, combinations
C09C	3	Angiotensin ii antagonists, plain
C09D	3	Angiotensin ii antagonists, combinations

Table 2

ATC Code	Level	ATC Text
C09X	3	Other agents acting on the renin-angiotensin system
C10	2	Serum lipid reducing agents
C10A	3	Cholesterol and triglyceride reducers
D	1	Dermatologicals
D01	2	Antifungals for dermatological use
D01A	3	Antifungals for topical use
D01B	3	Antifungals for systemic use
D02	2	Emollients and protectives
D02A	3	Emollients and protectives
D02B	3	Protectives against uv-radiation
D03	2	Preparations for treatment of wounds & ulcers
D03A	3	Cicatrizers
D03B	3	Enzymes
D04	2	Antipruritics, incl antihist, anesthet, etc.
D04A	3	Antipruritics, incl antihist, anesthet, etc.
D05	2	Antipsoriatics
D05A	3	Antipsoriatics for topical use
D05B	3	Antipsoriatics for systemic use
D06	2	Antibiotics and chemother. For dermatological use
D06A	3	Antibiotics for topical use
D06B	3	Chemotherapeutics for topical use
D06C	3	Antibiotics and chemotherapeutics, comb
D07	2	Corticosteroids, dermatological preparations
D07A	3	Corticosteroids, plain
D07B	3	Corticosteroids, comb with antiseptics
D07C	3	Corticosteroids, comb with antibiotics
D07X	3	Corticosteroids, other combinations
D08	2	Antiseptics and disinfectants
D08A	3	Antiseptics and disinfectants
D09	2	Medicated dressings
D09A	3	Medicated dressings
D10	2	Anti-acne preparations
D10A	3	Anti-acne preparations for topical use
D10B	3	Anti-acne preparations for systemic use
D11	2	Other dermatological preparations
D11A	3	Other dermatological preparations
G	1	Genito urinary system and sex hormones
G01	2	Gynecological antiinfectives and antiseptics
G01A	3	Antiinfectives/antisept., excl comb with corticost.
G01B	3	Antiinfectives/antiseptics in comb. with corticost.
G02	2	Other gynecologicals
G02A	3	Oxytocics
G02B	3	Contraceptives for topical use
G02C	3	Other gynecologicals
G03	2	Sex hormones and modulators of the genital system
G03A	3	Hormonal contraceptives for systemic use
G03B	3	Androgens
G03C	3	Estrogens
G03D	3	Progestogens
G03E	3	Androgens and female sex hormones in comb
G03F	3	Progestogens and estrogens in combination
G03G	3	Gonadotrophins and other ovulation stimulants
G03H	3	Antiandrogens
G03X	3	Other sex horm. & modulators of the genital system
G04	2	Urologicals
G04A	3	Urinary antiseptics and antiinfectives
G04B	3	Other urologicals, incl antispasmodics
G04C	3	Drugs used in benign prostatic hypertrophy
H	1	Systemic hormonal prep, excl sex hormones
H01	2	Pituitary, hypothalamic hormones and analogues
H01A	3	Anterior pituitary lobe hormones and analogues
H01B	3	Posterior pituitary lobe hormones

Table 2

ATC Code	Level	ATC Text
H01C	3	Hypothalamic hormones
H02	2	Corticosteroids for systemic use
H02A	3	Corticosteroids for systemic use, plain
H02B	3	Corticosteroids for systemic use, combinations
H02C	3	Antidiadrenal preparations
H03	2	Thyroid therapy
H03A	3	Thyroid preparations
H03B	3	Antithyroid preparations
H03C	3	Iodine therapy
H04	2	Pancreatic hormones
H04A	3	Glycogenolytic hormones
H05	2	Calcium homeostasis
H05A	3	Parathyroid hormones
H05B	3	Anti-parathyroid hormones
J	1	General antiinfectives for systemic use
J01	2	Antibacterials for systemic use
J01A	3	Tetracyclines
J01B	3	Amphenicols
J01C	3	Beta-lactam antibacterials, penicillins
J01D	3	Other beta-lactam antibacterials
J01E	3	Sulfonamides and trimethoprim
J01F	3	Macrolides and lincosamides
J01G	3	Aminoglycoside antibacterials
J01M	3	Quinolone antibacterials
J01R	3	Combinations of antibacterials
J01X	3	Other antibacterials
J02	2	Antimycotics for systemic use
J02A	3	Antimycotics for systemic use
J04	2	Antimycobacterials
J04A	3	Drugs for treatment of tuberculosis
J04B	3	Drugs for treatment of leprosy
J05	2	Antivirals for systemic use
J05A	3	Direct acting antivirals
J06	2	Immune sera and immunoglobulins
J06A	3	Immune sera
J06B	3	Immunoglobulins
J07	2	Vaccines
J07A	3	Bacterial vaccines
J07B	3	Viral vaccines
J07C	3	Bacterial and viral vaccines, combined
J07X	3	Other vaccines
L	1	Antineoplastic and immunomodulating agents
L01	2	Antineoplastic agents
L01A	3	Alkylating agents
L01B	3	Antimetabolites
L01C	3	Plant alkaloids and other natural products
L01D	3	Cytotoxic antibiotics and related substances
L01X	3	Other antineoplastic agents
L02	2	Endocrine therapy
L02A	3	Hormones and related agents
L02B	3	Hormone antagonists and related agents
L03	2	Immunostimulants
L03A	3	Cytokines and immunomodulating agents
L04	2	Immunosuppressive agents
L04A	3	Immunosuppressive agents
M	1	Musculo-skeletal system
M01	2	Antiinflammatory and antirheumatic products
M01A	3	Antiinflammatory/antirheumatic prod.,non-steroids
M01B	3	Antiinflammatory/antirheumatic agents in comb.
M01C	3	Specific antirheumatic agents
M02	2	Topical products for joint and muscular pain
M02A	3	Topical products for joint and muscular pain
M03	2	Muscle relaxants

Table 2

ATC Code	Level	ATC Text
M03A	3	Muscle relaxants, peripherally acting agents
M03B	3	Muscle relaxants, centrally acting agents
M03C	3	Muscle relaxants, directly acting agents
M04	2	Antigout preparations
M04A	3	Antigout preparations
M05	2	Drugs for treatment of bone diseases
M05B	3	Drugs affecting mineralization
M09	2	Other drugs for disord. Of the musculo-skelet.syst
M09A	3	Other drugs for disord. Of the musculo-skelet.syst
N	1	Nervous system
N01	2	Anesthetics
N01A	3	Anesthetics, general
N01B	3	Anesthetics, local
N02	2	Analgesics
N02A	3	Opioids
N02B	3	Other analgesics and antipyretics
N02C	3	Antimigraine preparations
N03	2	Antiepileptics
N03A	3	Antiepileptics
N04	2	Anti-parkinson drugs
N04A	3	Anticholinergic agents
N04B	3	Dopaminergic agents
N05	2	Psycholeptics
N05A	3	Antipsychotics
N05B	3	Anxiolytics
N05C	3	Hypnotics and sedatives
N06	2	Psychoanaleptics
N06A	3	Antidepressants
N06B	3	Psychostimulants and nootropics
N06C	3	Psycholeptics and psychoanaleptics in combination
N06D	3	Anti-dementia drugs
N07	2	Other nervous system drugs
N07A	3	Parasympathomimetics
N07B	3	Antismoking agents
N07C	3	Antivertigo preparations
N07X	3	Other nervous system drugs
P	1	Antiparasitic products,insecticides and repellents
P01	2	Antiprotozoals
P01A	3	Agents against amoebiasis and other protozoal dis.
P01B	3	Antimalarials
P01C	3	Agents against leishmaniasis and trypanosomiasis
P02	2	Anthelmintics
P02B	3	Antitrematodals
P02C	3	Antinematodal agents
P02D	3	Anticestodals
P03	2	Ectoparasiticid.,incl scabicid.,insect. And repell
P03A	3	Ectoparasiticides, incl scabicides
P03B	3	Insecticides and repellents
R	1	Respiratory system
R01	2	Nasal preparations
R01A	3	Decongestants and other nasal prep.for topical use
R01B	3	Nasal decongestants for systemic use
R02	2	Throat preparations
R02A	3	Throat preparations
R03	2	Anti-asthmatics
R03A	3	Adrenergics, inhalants
R03B	3	Other anti-asthmatics, inhalants
R03C	3	Adrenergics for systemic use
R03D	3	Other anti-asthmatics for systemic use
R05	2	Cough and cold preparations
R05C	3	Expectorants,excl combinations with cough suppr.
R05D	3	Cough suppressants excl. Comb. With expectorants
R05F	3	Cough suppressants and expectorants, combinations

Table 2**ATC Code****Level****ATC Text**

R05X	3	Other cold combination preparations
R06	2	Antihistamines for systemic use
R06A	3	Antihistamines for systemic use
R07	2	Other respiratory system products
R07A	3	Other respiratory system products
S	1	Sensory organs
S01	2	Ophthalmologicals
S01A	3	Antiinfectives
S01B	3	Antiinflammatory agents
S01C	3	Antiinflammatory agents and antiinfectives in comb
S01E	3	Antiglaucoma preparations and miotics
S01F	3	Mydriatics and cycloplegics
S01G	3	Decongestants and antiallergics
S01H	3	Local anesthetics
S01J	3	Diagnostic agents
S01K	3	Surgical aids
S01X	3	Other ophthalmologicals
S02	2	Otologicals
S02A	3	Antiinfectives
S02B	3	Corticosteroids
S02C	3	Corticosteroids and antiinfectives in combination
S02D	3	Other otologicals
S03	2	Ophthalmological and otological preparations
S03A	3	Antiinfectives
S03B	3	Corticosteroids
S03C	3	Corticosteroids and antiinfectives in combination
S03D	3	Other ophthalmological and otological preparations
V	1	Various
V01	2	Allergens
V01A	3	Allergens
V03	2	All other therapeutic products
V03A	3	All other therapeutic products
V04	2	Diagnostic agents
V04B	3	Urine tests
V04C	3	Other diagnostic agents
V06	2	General nutrients
V06A	3	Diet formulations for treatment of obesity
V06B	3	Protein supplements
V06C	3	Infant formulas
V06D	3	Other nutrients
V07	2	All other non-therapeutic products
V07A	3	All other non-therapeutic products
V08	2	Contrast media
V08A	3	X-ray contrast media, iodinated
V08B	3	X-ray contrast media, non-iodinated
V08C	3	Magnetic resonance imaging contrast media
V08D	3	Ultrasound contrast media
V09	2	Diagnostic radiopharmaceuticals
V09A	3	Central nervous system
V09B	3	Skeleton
V09C	3	Renal system
V09D	3	Hepatic and reticulo endothelial system
V09E	3	Respiratory system
V09F	3	Thyroid
V09G	3	Cardiovascular system
V09H	3	Inflammation and infection detection
V09I	3	Tumour detection
V09X	3	Other diagnostic radiopharmaceuticals
V10	2	Therapeutic radiopharmaceuticals
V10A	3	Antiinflammatory agents
V10B	3	Pain palliation (bone seeking agents)
V10X	3	Other therapeutic radiopharmaceuticals
V20	2	Surgical dressings

Table 3: Overall frequency of medications reported at 4 weeks and 91 months (number of times each medication reported)

Table 3	ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
2		Benzalkonium chloride lozenges			1	1
4		Brompheniramine		34	22	7
6		Amoxicillin (amoxycillin)	128	2841	1203	534
11		Herbal (oral)	26	162	121	159
16		Anusol		1	1	
18		Aqueous cream/ emulsifying ointment	78	367	177	122
19		Asilone	2			
20		Furosemide (frusemide)	6			
23		Enalapril			1	2
25		Beclomethasone nasal		19	38	22
31		Benylin expectorant		4	3	1
32		Betamethasone topical		139	98	51
40		Brewers yeast	1			
43		Calcium supplement		38	32	21
44		Aciclovir ophthalm.		2	2	2
45		Betnesol-N drops		3	1	1
47		Zinc & Castor oil cream	2709	25	12	6
51		Head lice lotion		3	8	2
52		Scabies cream				5
53		Mebendazole		33	34	15
58		Cod liver oil	1	65	35	29
60		Anthelmintic		26	21	18
61		Unknown cream/ointment	32	991	915	1376
64		Zinc cream	35	3	5	
66		Cough & cold treatment	8	5480	3997	3813
73		Clobetasol topical		5	1	3
74		Erythromycin	38	207	90	37
76		Clobetasone topical	2	218	155	95
77		Evening Primrose oil – GLA		24	20	14
79		Nystatin oral	527	4		
84		Kaolin & morphine mixture		16	6	3
87		Erythromycin topical				2
93		Otrivine-antistin		4	5	9
98		Benylin dry cough		4		2
99		Benylin mentholated				3
103		Paracetamol/codeine			1	1
105		Magnesium Sulphate paste	1	3	3	
107		Vitamin D supplement	1	3	1	
110		Steroids oral		20	23	15
116		Miconazole topical	110	2	11	12
120		Germolene	2	71	38	40
121		Zinc oxide	4			
124		Proguanil		1	3	1
125		Antiviral topical		1		
126		Surgical spirit	4			
127		Penetrol vapour liquid		1		
129		Calcium carbonate	1			
132		Gentamicin aural		6	5	4
134		Cerumol ear drops		4	5	1
136		Demulcent/herbal linctus		265	153	117
138		Antihistamine topical		21	7	4
144		Prednisolone ophthalm.	1	2		1
147		Glycerine unknown route		2	1	
149		Antacid		1		
168		Kaolin suspension		110	20	13
181		Fish liver oil		2	3	
203		Multivitamins with iron		273	167	96
204		Multivitamins	21	1352	1162	751
211		Normacol		1		
213		Oilatum emollient	46	229	104	45
216		Olbas oil	18	72	73	62
219		Analgesics		1	4	1
221		Paracetamol	402	9211	7595	7247
226		Vaginal antiinfective	1	1	1	1
227		Pholcodine linctus		95	53	70
236		Iron/folic acid		2	2	
253		Salbutamol inhaled		443	909	562
261		Scheriproct		1		

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
263	Senokot		30	9	16
271	Vicks nasal inhaler			1	4
273	Hypnotics & sedatives		2		
278	Aspirin	2	25	36	26
289	Levothyroxine	2	3	3	1
311	Vitamins unspec	276	2315	1801	1950
314	Zinc supplement		2	5	4
318	E45 cream	278	436	294	140
353	Aconite (homeopathic)		1	1	
354	Actifed		6	2	17
360	Alphaderm/ calmurid-hc		11	5	5
366	Amitriptyline			1	
373	Emollient	1425	114	67	72
381	Aromatherapy oil	4	28	185	283
388	Ipratropium inhaled		3	7	3
391	Soya oil topical	8	41	21	16
392	Balneum plus		4	2	
398	Sodium bicarbonate	2	1		
402	Bonjela	13		6	4
404	Terbutaline inhaled		40	89	47
410	Calendula/Marigold cream	74	55	35	35
419	Clotrimazole topical	240	67	38	30
420	Clotrimazole vaginal		4	8	
432	Dequalinium		1	3	1
458	Eucalyptus oil	3	15	23	18
461	Ophthalmological preparation	479	1355	362	497
467	Flucloxacillin	47	54	51	28
470	Fucidic acid topical	71	103	98	54
485	Hydrocortisone topical	108	874	461	308
489	Ibuprofen		61	100	116
498	Kolanticon		1	1	
501	Lanacane			2	3
502	Lanolin	1			
504	Lavender oil	8	32	27	15
506	Lemsip/Beechams hot lemon		1		3
514	Lockets/tunes/menthol throat sweets		10	17	17
515	Cetylpyridinium lozenges		2	4	3
524	Morphine		5	4	1
526	Movelat			2	1
530	Chlorphenesin topical		1	4	2
531	Nasal decongestant topical		4	11	4
535	Nitrofurantoin		4		1
541	Nystaform	31	2	1	1
542	Nystaform-HC	55	1		
544	Nystatin topical	121	5	1	1
547	Cromoglicate Sodium ophthalm.	1	23	23	37
548	Hexetidine mouthwash		2		1
551	Paramax		1	1	
552	Penicillin	43	295	164	71
553	Peppermint oil/water		1		
556	Pethidine		2		
557	Econaze topical		1		
559	Phenobarbital	4			
565	Poltar plus			1	
574	Priksen		7	1	2
577	Propranolol	3		7	1
580	Budesonide inhaled		50	96	46
589	Expectorant		28	26	17
605	Strepsils		15	40	58
610	Sudocrem	3587	305	199	113
612	Fluocinolone acetonide		6	1	2
633	Trimeprazine (alimemazine)		20	11	1
637	Vicks vaporub	21	78	86	73
641	Hamamelis topical	3	14	4	8
651	Actifed compound linctus		6	1	3
684	Ampicillin	4	48	17	13
696	Rennies			1	
697	Mepyramine topical		12	14	9
704	Antibiotic topical	8	21	18	23
706	Antibiotics oral	127	2746	1663	1679
764	Calamine cream/lotion	7	99	46	31
773	Camomile cream	199	8	9	8

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
784	Canesten-HC	36	13	11	2
787	Carbamazepine	1	17	15	7
799	Chloramphenicol ophthalm.	806	323	61	33
819	Codeine/Codeine linctus	1	30	15	3
830	Daktacort	78	47	29	22
834	Deep heat			1	
835	Dermidex		2	1	
839	Diazepam		1	1	1
861	Evening Primrose topical	1	3	2	
864	Phenolphthalein		1		2
900	Floradix/floravital		6	12	
908	Folic acid	35	3		2
917	Gastrocote/ gaviscon	2	2	3	2
942	Vitamins ACD	36	643	353	266
951	Homeopathic remedy	158	573	404	458
979	"Iron, oral "	56	30	12	23
1000	Lactulose	43	224	113	80
1005	Andrews liver salts			3	2
1006	Laxatives	1	182	88	176
1018	Hydrocortisone butyrate topical		14	4	3
1038	Metronidazole	1	4	2	2
1046	Magnesium hydroxide mixture	4	18	15	7
1123	Phenytoin			1	
1132	Polytar		5	2	
1161	Prochlorperazine			2	1
1188	Royal jelly			1	
1196	Savlon antiseptic cream/liquid	44	109	69	41
1199	Senna		22	26	18
1234	TCP topical		8		3
1237	Temazepam		1		1
1243	Timodine	202	21	16	9
1253	Trimethoprim	4	70	23	15
1258	Ultraproct			1	
1260	Unguentum merck	10	92	59	29
1266	Salbutamol oral	2	109	15	6
1278	Vitamin C/Ascorbic acid	1	194	273	177
1284	Vitamin E topical	1	7	4	2
1298	Xylocaine		1		2
1300	Xyloproct	1	1	1	
1320	Ipecacuanha cough prep		7	7	6
1333	Promethazine	3	45	14	7
1334	Rehidrat	5	7		
1343	Ktorite		2	2	
1346	Vicks chloraseptic spray		1	1	3
1347	Mucron		14	3	1
1348	Tyrozets		5	10	9
1354	Karvol inhaled	147	122	44	29
1357	Terfenadine		24	12	5
1358	Steroid inhaler		8	22	24
1363	Chloroquine		5	2	1
1368	Selenium			1	1
1372	Oxytetracycline		1	1	
1380	Manevac		1	7	1
1381	Belladonna		1		
1385	Nirolex OLD CODE	3			
1387	Anbesol liquid/teething gel	8		2	
1390	Antihistamine		12	16	14
1392	Loperamide		21	14	6
1393	Caladryl		4	3	2
1394	Metatone		2		
1396	Mefenamic acid			1	1
1412	Diocalm		4	4	5
1413	Echinacea				29
1421	Meggezones			1	
1432	Nightnurse		3	5	3
1439	Warfarin				1
1440	Pavacol-d		5	2	
1446	Bisacodyl		1	1	
1448	Dimotapp		23	9	6
1450	Dimotane expectorant		2		3
1451	Throaties		3	3	4
1452	Minadex		215	128	54

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
1454	Prednisolone		33	20	18
1456	Heparinoid		1		
1465	Pyridoxine		1		
1472	Hypromellose	1	1		1
1473	Sofradex		11	6	3
1474	Guaifenesin		187	118	129
1478	Audicort		1		1
1479	Propamidine isetionate	7	83	24	15
1483	Aminophylline	1			
1491	Dichloralphenazone				1
1492	Budesonide Nasal			1	
1493	Calmurid		1	1	2
1503	Trimovate	3	7	3	
1504	Chlorpheniramine		61	61	41
1512	Picosulphate	1	6	2	1
1520	Cimetidine	1			1
1521	Pizotifen		3	4	2
1533	Betnovate-N		2		
1535	Clemastine		1		
1536	Betnovate-C		2		
1547	Solpadeine	1			
1555	Ranitidine		4	4	3
1575	Oromize earspray			2	
1587	Covonia Bronchial balsam		1	2	1
1588	Throat lozenges/sprays		447	454	575
1593	Asthma inhaler		66	483	686
1609	General anaesthetic		2	7	
1619	Insect repellent		2		
1620	Garlic pearls		5	3	6
1624	Bismuth subcitrate		4	10	4
1625	Valproate sodium		4	9	7
1631	Mineral supplement		130	73	132
1634	Anti-inflammatory			2	
1637	Potassium citrate		1		
1638	Gripe water (all brands)	1610		1	
1639	Cuplex		1	3	1
1640	Typhoid vaccine				2
1656	Efamol		1		2
1661	Milpar			2	1
1663	Daynurse			1	2
1681	Terbutaline (oral)		4	2	1
1692	Local anaesthetic		2	2	
1694	Polio vaccine/booster	6			
1696	Vaccination	7	1		
1698	Nasal decongestant oral		259	156	251
1699	Antiseptic	31	32	24	11
1703	Antiemetics/antinauseants		3	2	
1705	Rehydration salts	58	206	37	22
1710	Topical antifungal	59	13	14	10
1728	Oxymetazoline nasal spray		1	2	2
1730	Mentholatum ointment				2
1746	Cinnarizine			1	
1749	Mycota		1		
1761	Tri-adcortyl ointment	2	2	1	1
1770	Prednisolone aural	2			
1775	Cymex			2	1
1780	Collis Browne mixture		3	2	2
1789	Prednisolone rectal				1
1792	Cicatrin	16			
1799	Flurondrenolence topical		3	3	
1805	Crotamiton topical	1	15	12	7
1807	Lasonil			1	
1810	Ethosuximide			2	2
1815	Otosporin	1	8	2	2
1817	Griseofulvin		2	2	2
1834	Vitamin B complex		2		
1844	Iodine topical		1		2
1853	Alclometasone		2	1	
1861	Salicylic acid/lactic acid topical		13	37	25
1864	Treatment for sickness and diarrhoea		326	101	171
1877	Sodium bicarbonate aural	1	33	28	12
1879	Ear drops unspecified	1	582	303	357

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
1880	Locorten-vioform		2		
1881	Steroid topical		33	14	3
1892	Anticonvulsants				2
1900	Tetracycline	2			
1932	Mupirocin	24	18	10	12
1933	Betamethasone ophthalm	2	4		
1934	Ascorbic acid in combination		1		
1956	Cephalosporin		4	3	1
1962	Amoxicillin/Clavulanic acid	5	94	40	13
1968	Aciclovir topical	1	13	15	11
1970	Salicylic acid/corn, wart, verruca treatment		14	70	38
1976	Trimethoprim/sulfamethox treatment		10	1	
1984	Anti-malarial			1	2
1987	Insulin		4	8	9
1990	Docusate sodium		5	3	1
1994	Iron preparation	2			
1995	Fucidic acid ophthalm.	76	60	23	12
2044	Imipramine				2
2080	Anti-migraine preparation			1	1
2093	Stomatological preparation		3		4
2101	Joint/muscle pain treatment topical			1	
2105	Nasal preparation	192	13	11	7
2127	Optrex eye drops		8		8
2140	Paraffin soft	642	71	59	40
2147	Polytrim eye drops	1	1		
2155	Vitamins with minerals		95	124	153
2184	Meclozine			2	
2188	Salmeterol inhaled		7	27	27
2190	Omeprazole		3	1	1
2191	Simple linctus	3	131	61	36
2236	Antifungal oral	99	1		
2248	Cromoglicate Sodium inhaled		52	33	5
2249	Benylin paediatric				2
2261	Cromoglicate Sodium nasal		7	5	3
2278	Xylometazoline nasal	76	28	11	7
2312	Alupent syrup	2	6	1	
2322	Aquaban		4		
2328	Beclomethasone inhaled			371	676
2330	Diphenhydramine topical				459
2334	Povidone-iodine topical	1	3		1
2340	Boots Bronchial cough mixture				2
2342	Boots night-time cough mixture		3		2
2345	Pseudoephedrine	6	330	166	60
2348	Dibromopropamide topical	2	1	3	1
2357	Buttercup cough mixture		52	63	35
2361	Ephedrine- nasal	143	2	1	1
2364	Cefalexin	4	26	9	2
2366	Charcoal tablets			1	
2369	Chlorhexidine mouthwash	2	1	2	
2371	Loratadine		12	24	38
2380	Comfrey ointment	2			
2396	Malathion	1	2	7	3
2400	Diprobase cream	7	95	70	58
2401	Diprobase ointment		1	1	1
2405	Sodium fluoride	5	91	43	23
2406	Enzyme digest		2		
2413	Fluocinonide cream		4	1	3
2418	Fucibet cream		11	12	14
2421	Fucidin-H	3	16	21	15
2423	Galloways cough mixture		1		1
2425	Gamma golbulin			1	
2428	Gentisone-HC ear drops	2	15	10	2
2434	Glycerol suppositories	5	8	3	4
2438	Menthol & eucalyptus		8	53	29
2440	Hewletts cream	3			
2462	Liquid paraffin		3		4
2478	Ketoconazole topical		1	1	
2487	Ispaghula husk		8	6	5
2492	Polyfax ointment	3	1	1	
2499	Lindane topical		1		
2505	Tretinoin			2	2
2508	Azelastine nasal spray				1

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
2510	Rinstead pastilles			1	
2511	Salicylic Acid preparation	2			
2515	Hyoscine butylbromide				1
2519	Snuffle-babe	645	21	4	7
2521	Solarcaine ointment			1	
2524	Omega-3 triglycerides				1
2527	Coal tar preparation		1	2	
2535	Tixylix				1
2547	Vitamin E supplement		6	1	
2548	Wheatgerm ointment/oil	2	1	1	
2549	Soft Paraffin and fat products		2	11	12
2550	Whitfields ointment			3	
2552	Dimeticone	1863			
2557	Electrolade	1			
2560	Chlorhexidine topical	3	1	1	
2564	Epinephrine		1		
2581	Calcium undecenoate topical	1			
2582	Califig		33	11	15
2585	Cannabis			1	
2586	Cefaclor	1	24	10	4
2587	Cefotaxime			1	
2588	Cefuroxime				2
2589	Methylcellulose		2		
2605	Dequacaine			1	
2612	Diclofenac		1	2	
2613	Dicyclomine	3	1	5	2
2614	Digoxin	6	1		
2616	Clonidine				3
2618	Magnesium and calcium carbonates				1
2620	Calcipotriol topical				1
2621	Dimenhydrinate		2	2	1
2622	Benzalkonium chloride	529	8	8	2
2624	Earex		17	15	5
2629	Enterosan		1		
2634	Axetylcysteine		1		
2638	Sulfadiazine	1	2	1	3
2642	Amphotericin	6			1
2650	Heroin				1
2663	Kaopectate		5	3	
2675	Permethrin		3	5	5
2677	Magnapen	1			1
2697	Naseptin	2	9	9	3
2699	Neomycin drops	17	1		1
2704	Nomax			1	
2709	Hamamelis Water ophthalm.			8	1
2714	Vitamin B complex with vitamin C		1		
2716	Phenoxymethylenicillin	5	36	12	11
2719	Pivampicillin		1		
2725	Quinine		1		
2729	Tramazoline nasal spray				1
2733	Sandocal	1			
2739	Sulfasalazine				2
2742	Terra-contril1	1	1	2	
2744	Theophylline		5	9	1
2745	Thovaline	5			
2758	Vigabatrin		3	1	
2764	Emulsiderm	2	11	6	2
2767	Carbary topical		3	1	
2786	Cetirizine			14	21
2803	Cafradine		1	2	
2816	Cyanocobalamin		2		
2821	Ciprofloxacin		1		
2826	Meningitis & school vaccination				1
2827	Hydroxyzine				1
2828	"Triamcinolone acetonide, local oral use"		1	4	2
2829	Methotrexate			1	2
2830	Clarithromycin		13	3	4
2831	Triclofos				1
2832	Fluticasone inhaled		16	41	31
2833	Adrenergic inhaled		3	12	19
2834	Lamotrigine		4	6	7
2835	Fluticasone nasal		3	11	11

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
2836	Methylphenidate hcl	4	4	3	22
2837	Estriol vaginal cream		1	1	2
2838	Benzhexol/trihexiphenidyl			1	1
2839	Cisapride	3	5	3	1
2840	Fludrocortisone	1	5	3	1
2841	Montelukast				2
2842	Mineral oil/lanolin oil		4		5
2843	Efalex			2	12
2844	Desmopressin			11	13
2845	Asthma tablets		1		1
2846	Growth hormone		2	1	1
2847	Baclofen		1	1	1
2848	Haloperidol				2
2849	Mometasone furoate topical		6	4	4
2850	Epaderm emollient			5	1
2851	Levamisole				2
2852	Betamethasone nasal			1	2
2853	Nutrini extra		2		1
2854	Sodium feredetate		5	2	6
2855	Ichthopaste bandages		3	2	1
2856	Zinc oxide bandages		2	3	1
2857	Oxybutynin		2	8	4
2858	Terbinafine		3	2	4
2859	Hyoscine hydrobromide		6	5	6
2860	Anaesthetic cream				1
2861	Aciclovir oral	3	3	3	7
2862	Hepatitis A immunisation				3
2863	Dimotane plus		6	6	3
2864	Desitin cream		1		1
2865	Medised	4	241	148	51
2866	Miconazole oral	141	2		1
2867	Sultrin				1
2868	Honey		9	4	6
2869	Mefloquine				1
2870	Colloidal silver				1
2871	Phenothrin				1
2872	Pancrelipase			2	
2873	Sodium chloride nasal	127	2		
2874	Bach flower remedy	7	20	18	16
2878	Nasal decongestant topical corticosteroid			3	
2879	Triamcinolone acetonide, nasal			1	
2880	Omega-6 EFA containing plant oil			2	
2881	Omega-3 EFA containing plant oil			1	4
2882	Cocolis		1	1	
2883	Antiflatulent	277			
2884	Medicated shampoo (infant)	45		1	
2885	Almond oil topical	99	3	4	2
2886	Gentamicin ophthalm.	30	5	1	1
2887	Arachis oil	1			
2888	DPT vaccine	4			
2889	Tetracycline eye ointment	10		2	
2890	Teething gel (lidocaine/cetylpyridium chloride)	27			1
2891	Ampicillin/cloxacillin	1			
2892	Ster-zac powder	138			
2893	Ophthalmic antibiotics	129	263	52	17
2895	Chlortetracycline eye ointment	1			
2896	Chlortetracycline ointment	4	2		
2897	Infant gaviscon	78			
2898	Meltus baby linctus	3	8	1	1
2899	Orciprenaline systemic			1	
2901	Chlorocresol inhaled	1	3	57	21
2902	Pholcodine + antihistamine			246	117
2903	Pholcodine + antihistamine + decongestant			109	38
2904	Dimotane co		9	10	5
2905	Dextromethorphan + antihistamine				9
2906	Herbal topical	37	163	131	107
2907	Barium meal	1			
2908	BCG vaccine	1			
2910	Silver nitrate	13			
2911	Chlorothiazide	2			
2912	Clonazepam (as anti-epileptic)	1	1	1	
2913	Chlorhexidine ophthalmic	1			

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
2914	Conotranse	12	9	4	
2915	Olive oil topical	65	1	2	
2916	Cradle cap cream	34	2	1	
2917	Dextrolyte	2			
2918	Diphtheria vaccine	1			
2919	Duocal	1			
2920	Eczederm cream	1			
2921	Erythromycin eye ointment	1			
2922	Sulfacetamide eye drops	4			
2923	Gentamicin topical	1			
2924	Herbal drink	261	3	3	1
2925	Baby toiletries	327		1	
2927	Carobel	1			
2928	Isomil	1			
2929	Diphenhydramine		2	9	5
2930	Guaifenesin and pseudoephedrine		7	1	5
2931	Dextromethorphan and pseudoephedrine		7	5	4
2933	Skin cream for eczema		128	61	
2934	Antiepileptic			2	
2935	Maxitrol	1			1
2936	Metanium	45	2	1	
2937	Morsep	5			
2938	Neomycin topical	2		1	
2939	Neosporin eye drops	2			1
2940	Vitamin k	13			
2941	Piptalin	30			
2942	Polycal	1			
2943	Potassium permanganate	4			
2945	Saline drops	18	1	2	4
2946	Framycetin eye drops	4	1		
2947	Vasogen	36	2		
2948	Vioform-hydrocortisone	2		2	
2949	Fucidic acid oral		2	2	
2950	Cefixime		13	5	1
2951	Azithromycin	2		5	
2952	Isoniazid			3	1
2953	Rifampicin		3	3	1
2955	Stopayne		1	1	
2957	Tylenol cold				2
2958	Decongestants and antiallergs ophthalm.		14	23	22
2959	Tobramycin ophthalmic				1
2960	Nedocromil sodium ophthalmic			1	1
2961	Olive oil aural		27	17	10
2962	Lodoxamide			3	2
2963	Hydromol emollient	1		2	
2964	Wasp-eeze	4		2	
2965	Stretomycin	2			
2966	Hydrocortisone systemic	4		2	
2967	Clindamycin systemic	1			
2968	Cloperastine	1			
2969	Amylase	2		1	
2972	Urea hydrogen peroxide ear drops		8	5	6
2973	Artificial tears			1	1
2974	Eye drops for diagnostic use		25	4	4
2975	Oxiconazole nitrate				1
2976	Betamethasone aural	4		2	2
2977	Choline salicylate ear drops	3		4	3
2978	Graneodin	1		1	1
2979	Chloramphenicol oral	1			1
2980	Benzydamine local oral use		9	6	1
2981	Dextromethorphan, pseudoephedrine and antihistamine			5	2
2982	Actifed expectorant		4	1	1
2983	Dextromethorphan and guaifenesin				1
2984	Olive oil as laxative				1
2985	Antibiotic ear drops		11	17	4
2986	Magnesium citrate	1		2	1
2987	Fluorometholone eye drops				1
2988	Bromhexine hydrochlorine	2			
2989	Dextromethorphan	3			
2990	Docusate sodium aural	7		1	
2991	Liquid nitrogen treatment		4	1	

Table 3

ALSPAC code	Drug name	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
2992	Ketoifen		5		
2993	Chloramphenicol ear drops		1		
2994	Chemotherapy		1		
2995	Tinidazole		1		
2997	Triamcinolone/chlortetracycline		1		
2998	Sun screen/UV protector topical		24	13	
2999	Ambroxol		1	2	
3000	Capasal shampoo		2		
3001	Gentamicin systemic			2	
3002	Triamcinolone ophthalmic		1		
3003	Hydrocortisone systemic		2		
3004	Vitamin A & D			1	
3005	Bufexamac			1	
3006	Fluticasone topical			1	
3007	Beechams flu plus			1	
3008	Steroids aural			2	
3009	Glycerine aural			1	
3010	Isopropyl alcohol, aural			1	
3011	Ear drops for wax removal		13	8	
3012	Atropine ophthalmic			1	
9998	Insufficient info to code	53	101	23	24
9999	Stated as none taken	20		8	9

Table 4a: Frequency of drugs used by ATC code (level1 and level 2) at each time point– by drug (i.e. multiple drugs could be reported for each child)

ATC Code	ATC Text	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
A	Stomatological preparations	3506	6733	4747	4262
A01	Stomatological preparations	808	114	57	35
A02	Antacids, drugs for treatm.of pept.ulc.and flatul.	2234	31	25	15
A03	Antispas. And anticholinergic agents and propulsiv	36	13	13	9
A04	Antiemetics and antinauseants	-	5	8	3
A05	Bile and liver therapy	-	-	-	-
A06	Laxatives	51	528	277	328
A07	Antidiarr.,intest. Antiinfl./antiinfect. Agents	61	693	196	227
A08	Antibesity preparations, excl diet products	-	-	-	-
A09	Digestives, incl enzymes	-	4	3	-
A10	Drugs used in diabetes	-	4	8	9
A11	Vitamins	315	5169	3143	3748
A12	Mineral supplements	1	170	40	158
A13	Tonics	-	2	1	-
A14	Anabolic agents for systemic use	-	-	-	-
A15	Appetite stimulants	-	-	-	-
A16	Other alimentary tract and metabolism products	-	-	-	-
B	Blood and blood forming organs	111	57	28	32
B01	Antithrombotic agents	-	1	-	1
B02	Antihemorrhagics	13	-	-	-
B03	Antianemic preparations	93	48	28	31
B05	Blood substitutes and perfusion solutions	5	8	-	-
B06	Other hematological agents	-	-	-	-
C	Cardiovascular system	18	6	8	4
C	Cardiovascular system	-	1	-	-
C01	Cardiac therapy	6	-	-	-
C02	Antihypertensives	-	-	-	-
C03	Diuretics	8	-	-	-
C04	Peripheral vasodilators	-	3	-	-
C05	Vasoprotectives	1	-	4	-
C07	Beta blocking agents	3	-	-	1
C08	Calcium channel blockers	-	-	-	-
C09	Agents acting on the renin-angiotensin system	-	-	-	2
C10	Serum lipid reducing agents	-	2	1	1
D	Dermatologicals	11063	5105	3538	2988
D	Dermatologicals	32	1015	915	1376
D01	Antifungals for dermatological use	680	173	185	125
D02	Emollients and protectives	8998	1954	1218	690
D03	Preparations for treatment of wounds & ulcers	7	-	-	-
D04	Antipruritics,incl antihist,anesthet,etc.	17	158	91	59
D05	Antipsoriatics	-	9	6	1
D06	Antibiotics and chemother. For dermatological use	114	169	154	107
D07	Corticosteroids, dermatological preparations	178	1358	790	507
D08	Antiseptics and disinfectants	991	246	161	114
D09	Medicated dressings	-	5	5	2
D10	Anti-acne preparations	-	2	2	4
D11	Other dermatological preparations	46	16	11	3
G	Genito urinary system and sex hormones	1	17	18	9
G01	Gynecological antiinfectives and antiseptics	1	5	9	2
G02	Other gynecologicals	-	-	-	-
G03	Sex hormones and modulators of the genital system	-	1	1	2

ATC Code	ATC Text	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
G04	Urologicals	-	11	8	5
H	Systemic hormonal prep,excl sex hormones	3	69	63	49
H01	Pituitary, hypothalamic hormones and analogues	-	2	12	14
H02	Corticosteroids for systemic use	1	64	48	34
H03	Thyroid therapy	2	3	3	1
H04	Pancreatic hormones	-	-	-	-
H05	Calcium homeostasis	-	-	-	-
J	General antiinfectives for systemic use	471	6505	3322	2434
J01	Antibacterials for systemic use	449	6498	3309	2419
J04	Antimycobacterials	-	3	9	7
J05	Antivirals for systemic use	3	3	3	-
J06	Immune sera and immunoglobulins	-	-	1	-
J07	Vaccines	19	1	-	6
L	Antineoplastic and immunomodulating agents	-	-	1	2
L01	Antineoplastic agents	-	-	1	2
L02	Endocrine therapy	-	-	-	-
L03	Immunostimulants	-	-	-	-
L04	Immunosuppressive agents	-	-	-	-
M	Musculo-skeletal system	-	63	111	119
M01	Antiinflammatory and antirheumatic products	-	62	105	117
M02	Topical products for joint and muscular pain	-	-	5	1
M03	Muscle relaxants	-	1	1	1
M04	Antigout preparations	-	-	-	-
M05	Drugs for treatment of bone diseases	-	-	-	-
M09	Other drugs for disord. Of the musculo-skelet.syst	-	-	-	-
N	Nervous system	455	9561	7857	7400
N01	Anesthetics	-	4	9	-
N02	Analgesics	445	9510	7802	7344
N03	Antiepileptics	2	39	38	25
N04	Anti-parkinson drugs	-	-	1	1
N05	Psycholeptics	4	4	1	6
N06	Psychoanaleptics	4	4	5	24
N07	Other nervous system drugs	-	-	1	-
P	Antiparasitic products,insecticides and repellents	1	87	90	58
P01	Antiprotozoals	-	7	6	4
P02	Anthelmintics	-	66	62	37
P03	Ectoparasiticid.,incl scabicid.,insect. And repell	1	14	22	17
R	Respiratory system	1430	9609	8615	7796
R01	Nasal preparations	569	705	437	403
R02	Throat preparations	-	471	514	649
R03	Anti-asthmatics	3	1178	2422	1920
R05	Cough and cold preparations	855	7839	5058	4684
R06	Antihistamines for systemic use	3	216	184	140
R07	Other respiratory system products	-	-	-	-

ATC Code		ATC Text	KA (4 wk)	KK (54 mth)	KP (78 mth)	KR (91 mth)
S	Sensory organs		1777	2954	1051	1090
S01	Ophthalmologicals		743	1852	536	633
S02	Otologicals		5	737	426	405
S03	Ophthalmological and otological preparations		1029	365	89	52
V	Various		2615	1082	955	1139
V01	Allergens		-	-	-	-
V03	All other therapeutic products		2284	1079	954	1138
V04	Diagnostic agents		-	-	-	-
V06	General nutrients		3	2	-	1
V07	All other non-therapeutic products		327	-	1	-
V08	Contrast media		1	-	-	-
V09	Diagnostic radiopharmaceuticals		-	-	-	-
V10	Therapeutic radiopharmaceuticals		-	-	-	-
V20	Surgical dressings		-	-	-	-
No ATC code			20	121	41	43

Table 4b: Frequency of drugs used by ATC code (level 1 and level 2) at each time point– for child (i.e. multiple drugs with same ATC code reported for each child treated as one case)

ATC Code	ATC Text	KA	KK	KP	KR
A	Stomatological preparations	3055	4188	3130	2973
A01	Stomatological preparations	757	94	46	30
A02	Antacids, drugs for treatm.of pept.ulc.and flatul.	2100	27	23	13
A03	Antispas. And anticholinergic agents and propulsiv	35	12	11	9
A04	Antiemetics and antinauseants	-	5	8	3
A05	Bile and liver therapy	-	-	-	-
A06	Laxatives	51	421	200	262
A07	Antidiarr.,intest. Antiinfl./antiinfect. Agents	60	682	191	224
A08	Antibesity preparations, excl diet products	-	-	-	-
A09	Digestives, incl enzymes	-	3	2	-
A10	Drugs used in diabetes	-	4	5	6
A11	Vitamins	314	3567	2121	2692
A12	Mineral supplements	1	155	27	149
A13	Tonics	-	2	1	-
A14	Anabolic agents for systemic use	-	-	-	-
A15	Appetite stimulants	-	-	-	-
A16	Other alimentary tract and metabolism products	-	-	-	-
B	Blood and blood forming organs	83	50	21	25
B01	Antithrombotic agents	-	1	-	1
B02	Antihemorrhagics	13	-	-	-
B03	Antianemic preparations	66	41	21	24
B05	Blood substitutes and perfusion solutions	4	8	-	-
B06	Other hematological agents	-	-	-	-
C	Cardiovascular system	15	5	7	3
C01	Cardiac therapy	6	1	-	-
C02	Antihypertensives	-	-	-	-
C03	Diuretics	8	-	-	-
C04	Peripheral vasodilators	-	-	-	-
C05	Vasoprotectives	1	3	4	-
C07	Beta blocking agents	3	-	-	1
C08	Calcium channel blockers	-	-	-	-
C09	Agents acting on the renin-angiotensin system	-	-	1	1
C10	Serum lipid reducing agents	-	1	2	1
D	Dermatologicals	7291	3269	2653	2441
D	Dermatologicals	31	1010	907	1373
D01	Antifungals for dermatological use	644	163	173	118
D02	Emollients and protectives	6413	1453	928	519
D03	Preparations for treatment of wounds & ulcers	7	-	-	-
D04	Antipruritics,incl antihist,anesthet,etc.	17	151	89	57
D05	Antipsoriatics	-	9	6	1
D06	Antibiotics and chemother. For dermatological use	111	161	142	99
D07	Corticosteroids, dermatological preparations	170	1052	631	408
D08	Antiseptics and disinfectants	926	223	154	110
D09	Medicated dressings	-	4	5	1
D10	Anti-acne preparations	-	1	1	2
D11	Other dermatological preparations	46	14	11	3
G	Genito urinary system and sex hormones	1	15	16	8
G01	Gynecological antiinfectives and antiseptics	1	5	9	2
G02	Other gynecologicals	-	-	-	-
G03	Sex hormones and modulators of the genital system	-	1	1	1

ATC Code	ATC Text	KA	KK	KP	KR
G04	Urologicals	-	9	6	5
H	Systemic hormonal prep,excl sex hormones	3	59	56	40
H01	Pituitary, hypothalamic hormones and analogues	-	2	8	11
H02	Corticosteroids for systemic use	1	55	46	28
H03	Thyroid therapy	2	2	2	1
H04	Pancreatic hormones	-	-	-	-
H05	Calcium homeostasis	-	-	-	-
J	General antiinfectives for systemic use	443	5976	3151	2358
J01	Antibacterials for systemic use	429	5973	3146	2349
J04	Antimycobacterials	-	3	2	2
J05	Antivirals for systemic use	3	3	3	7
J06	Immune sera and immunoglobulins	-	-	1	-
J07	Vaccines	12	1	-	4
L	Antineoplastic and immunomodulating agents	-	-	1	1
L01	Antineoplastic agents	-	-	1	1
L02	Endocrine therapy	-	-	-	-
L03	Immunostimulants	-	-	-	-
L04	Immunosuppressive agents	-	-	-	-
M	Musculo-skeletal system	-	62	107	118
M01	Antiinflammatory and antirheumatic products	-	61	103	116
M02	Topical products for joint and muscular pain	-	-	4	1
M03	Muscle relaxants	-	1	1	1
M04	Antigout preparations	-	-	-	-
M05	Drugs for treatment of bone diseases	-	-	-	-
M09	Other drugs for disord. Of the musculo-skelet.syst	-	-	-	-
N	Nervous system	446	9184	7620	7261
N01	Anesthetics	-	4	8	-
N02	Analgesics	437	9181	7616	7256
N03	Antiepileptics	2	28	21	15
N04	Anti-parkinson drugs	-	-	1	1
N05	Psycholeptics	4	4	1	4
N06	Psychoanaleptics	4	2	5	17
N07	Other nervous system drugs	-	-	1	-
P	Antiparasitic products,insecticides and repellents	1	80	84	54
P01	Antiprotozoals	-	4	4	3
P02	Anthelmintics	-	65	59	36
P03	Ectoparasiticid.,incl scabicid.,insect. And repell	1	13	22	16
R	Respiratory system	1251	6995	5492	5131
R01	Nasal preparations	554	655	391	382
R02	Throat preparations	-	471	511	646
R03	Anti-asthmatics	3	658	1029	1174
R05	Cough and cold preparations	785	6434	4678	4391
R06	Antihistamines for systemic use	3	186	163	127
R07	Other respiratory system products	-	-	-	-
S	Sensory organs	1668	2213	884	861

ATC Code	ATC Text	KA	KK	KP	KR
S01	Ophthalmologicals	726	1444	438	499
S02	Otologicals	5	728	416	403
S03	Ophthalmological and otological preparations	977	314	84	49
V	Various	2198	745	705	796
V01	Allergens	-	-	-	-
V03	All other therapeutic products	2013	744	704	795
V04	Diagnostic agents	-	-	-	-
V06	General nutrients	3	1	-	1
V07	All other non-therapeutic products	238	1	1	-
V08	Contrast media	-	-	-	-
V09	Diagnostic radiopharmaceuticals	1	-	-	-
V10	Therapeutic radiopharmaceuticals	-	-	-	-
V20	Surgical dressings	-	-	-	-
No ATC code		20	36	40	42