



ORIGINAL ARTICLE

The role of mental health problems and common psychotropic drug treatments in accidental injury at work: a case–control study

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► Additional material is published online. To view please visit the journal (<http://dx.doi.org/10.1136/oemed-2013-101948>).

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Received 25 October 2013
Revised 29 January 2014
Accepted 11 February 2014
Published Online First
13 March 2014

ABSTRACT

Objectives Mental illness and psychotropic drugs have been linked with workplace injury, but few studies have measured exposures and outcomes independently or established their relative timings. To address this shortcoming, we conducted a case–control study nested within a database prospectively recording injury consultations, diagnoses and drug prescriptions.

Methods The Clinical Practice Research Datalink logs primary care data for 6% of the British population, coding all consultations (by the Read system) and drug prescriptions. We identified 1348 patients aged 16–64 years from this database who had consulted a family doctor or hospital over a 20-year period for workplace injury (cases, 479 diagnostic codes) and 6652 age, sex and practice-matched controls with no such consultation. Groups were compared in terms of consultations for mental health problems (1328 codes) and prescription of psychotropic drugs prior to the case's injury consultation using conditional logistic regression.

Results In total, 1846 (23%) subjects had at least one psychiatric consultation before the index date and 1682 (21%) had been prescribed a psychotropic drug. The OR for prior mental health consultation was 1.44 ($p < 0.001$) and that for psychotropic drug treatment was 1.57 ($p < 0.001$). Risks were significantly elevated for several subclasses of mental health diagnosis (eg, psychosis, neurosis) and for each of the drug classes analysed. Assuming causal relationships, about 9–10% of all workplace injuries leading to medical consultation were attributable to mental illness or psychotropic medication.

Conclusions Mental health problems and psychotropic treatments may account for an important minority of workplace injuries.

BACKGROUND

Common mental health problems and prescribed psychotropic medicines have the potential to cause drowsiness and impair judgement, alertness and vigilance. In theory, therefore, such illnesses and treatments might increase risks of occupational injury. In an earlier review,¹ we identified 15 reports that assessed injury risks at work in relation to mental illness^{2–16} and 9 in relation to medication.^{14 17–24} More recently, there have been a few further studies.^{25 26} Findings to date are compatible with a modest elevation of risk.

However, many previous investigations could have overestimated risks since typically both exposures and outcomes were ascertained by self-report after the event. Bias can arise in these circumstances

What is already known on this subject

Mental illness and psychotropic drugs have been linked with occupational injury in earlier studies, but inability to measure exposures and outcomes independently, or to establish their relative timings, may have led to risks being overestimated.

What this study adds

Using a database that overcame these problems, we focused on events that preceded medical injury consultation. Prior mental health diagnoses and psychotropic drug prescriptions were associated with significantly higher risks of injury consultation. About 9–10% of all workplace injuries leading to medical consultation appeared to be attributable to these factors.

from non-independence in measurement of exposures and outcomes (common instrument bias) and reverse causation. For example, workers who perceive and report more anxiety on a screening questionnaire may more readily recall minor injuries at work, while workplace injury may cause anxiety neurosis (or lead to its diagnosis), rather than being consequent upon it. We found only a few cohort and case–control studies in which these two concerns were overcome by independent assessment of exposure and outcome and by assurance regarding the timing of exposures (eg, tranquilliser use and low mood) relative to injuries. However, two higher quality studies adopted a preferable approach in which events and their timings were corroborated using hospital billing records and dispensary databases.^{14 20}

In view of the limitations in the existing evidence base, we undertook a case–control analysis nested within a dynamic cohort of patients for whom consultations for workplace injury, other diagnoses and drug prescriptions had been recorded prospectively, with full information on the dates of events.

METHODS

Since 1987 the Clinical Practice Research Datalink (CPRD) (formerly the GPRD) has logged all



To cite: Palmer KT, D'Angelo S, Harris EC, *et al.* *Occup Environ Med* 2014;**71**:308–312.

consultation episodes associated with significant events, illnesses or medical activity (eg, diagnosis, referral, hospital admission, prescription) among patients from participating general practices across Great Britain.²⁷ Records are maintained by the Medicines and Healthcare Products Regulatory Agency (MHRA) of the Department of Health and relate to some five million patients from 590 practices. Data are uploaded monthly and screened for completeness and validity. A nested case-control analysis was undertaken within the cohort of patients registered on this database at any time between 1 January 1987 and 31 December 2009.

CPRD consultation episodes are classified by Read diagnostic codes. In a scoping exercise, we identified 479 codes for occupational injury, ranging from the non-specific (eg, codes L5250W 'accident at work', T920 'accident on duty') through to events distinguishable as involving machinery or tools likely only to be used during work (eg, TG31400 'Accident caused by forging machine', TG37500 'Accident caused by transmission pulley'), plant or off-road vehicles at work (eg, T605.00 'Accident involving industrial self-propelled truck') or in work locations (eg, T736.00, 'Place of accident or poisoning, industrial yard'). Online supplementary appendix 1 provides a full list. The MHRA supplied us with an anonymised dataset containing the full primary care medical records of 9612 cohort members comprising (1) 1602 patients who had consulted their general practice or attended hospital with a qualifying injury code during 1987–2009 (cases) and (2) 8010 patients with no workplace injury (controls). A predefined algorithm was applied to match the controls individually to cases (five per case) by sex, nearest year of birth, general practice and being in the database at the time of the matched case's injury consultation.

All coding decisions and analyses were undertaken in relation to an index date—for a case, the date of their injury consultation and, for controls, the date of injury consultation of their matched case. Subjects who were ≥ 65 years on the index date ($n=1476$) were excluded as were a few controls matched to more than one case ($n=69$), and a few cases and their matched controls where the underlying injury was found to be non-accidental (eg, assault at work) ($n=67$). Thus, analysis was based on 8000 subjects, comprising 1348 cases and 6652 controls, and exposures of interest (illnesses, treatments) were counted only if prior to the index date.

Diagnostic codes for psychiatric illness, based upon the Read system, were supplied by the first author of a report for the Home Office that had employed CPRD data to investigate mental health problems (with kind permission of Frisher *et al*²⁸). The 1328 codes had originally been grouped into six diagnostic categories: (a) neurosis, (b) psychoses, (c) paranoia, (d) schizophrenia, (e) personality disorders and (f) other disorders (which includes 'insomnia not otherwise specified', 'behaviour problems', 'hallucinations', 'hallucinations auditory', 'behaviour antisocial' and 'disorder behaviour'). For the purposes of this analysis, the 416 codes recorded in our study subjects (see online supplementary appendix 2) were aggregated similarly, although category (c) was later omitted, there being no subjects with the diagnosis before the index date. All subjects were coded as having (or not having) one or more of these mental health problems at any time before the index date and at least 12 months before the index date.

Prescriptions with psychotropic or hypnotic effects were ascertained using the British National Formulary codes for hypnotics (code *04010100*), anxiolytics (*04010200*), barbiturates (*04030100* or *04030200* or *04030300* or *04030400*) and antidepressants (*04010300*). The full list included sedative

antihistamines and all the commonly prescribed categories of antidepressant, as well as drugs with potential to cause sedation but sometimes used for other purposes (eg, control of incontinence). Online supplementary appendix 3 lists all the medicines and codes. Subjects were coded as being or not being prescribed one or more of these drugs at any time before the index date and during the 12 months before the index date.

Associations between injury consultation and prior mental illness or psychoactive treatment were assessed using conditional logistic regression, with findings expressed as ORs with associated 95% CIs. Analysis adjusted for a history of problem drinking (identified through a search for codes relating to alcohol misuse, alcoholic medical complications and high weekly intake—details available upon request).

Where risks were significantly elevated, we calculated the attributable fraction in the exposed using the standard formula $(RR-1)/RR$, where RR is the relative risk, and the population attributable fraction by the formula $Pe*((RR-1)/RR)$, where Pe represents the proportion of exposed injury cases. These ratios can be interpreted as the attributable fractions of injury consultations in exposed persons and the total population, respectively, assuming that measured associations were causal.

Finally, in a sensitivity analysis, we explored associations according to the type of occupational injury and the external cause, and assessed risks in relation to 'severe' injuries, defined as those involving any of fracture, traumatic amputation or hospital attendance.

RESULTS

The final sample had a mean age of 39.9 (SD 12.7) years and included 5915 men. Among the cases, details on the circumstances and nature of the injury were commonly missing, but, where recorded, injuries often involved power tools, machinery, burns or poisonings, and quite often resulted in sprains, soft tissue injuries or lacerations and open wounds (table 1). In all, 159 cases (12%) had attended hospital, while 230 cases (17%) had been issued with a medical certificate to cover absence from work.

Prior to the index date, at least one consultation for psychiatric illness had occurred in 1846 (23%) of the 8000 subjects, and 1682 subjects (21%) had been prescribed at least one psychotropic medicine. The most common reason for consultation was neurosis (1437 subjects), followed by psychosis (651

Table 1 Nature and circumstances of the injuries in cases

Injury	No. of cases	Causal agent/type of event	No. of cases
Sprains or soft tissue injuries	280	Accidents involving a power tool or machinery	192
Haematoma, contusions or crush injuries	78	Accidents involving a non-powered tool or item of equipment	59
Lacerations or open wounds	123	Accidents involving a motor vehicle	56
Fractures	50	Chemical or other burns	154
		Chemical poisonings or inhalation injuries	146
Other (specified)	50	Other (specified)	59
Missing	805	Missing	683
All*	1386	All*	1349

*Totals exceed the number of cases (1348) as several subjects sustained >1 injury within the same episode and one had two external causes.

Table 2 Relationship between consulting with an occupational injury and consulting with a mental health problem

Before the index date	Cases N (%)	Controls N (%)	OR*	95% CI	p Value	Attributable fraction in the exposed (%)
No mental health consultation	966 (71.7)	5188 (78.0)	1	(reference)		
Consultation with						
Any psychiatric condition	382 (28.3)	1464 (22.0)	1.44	(1.25 to 1.65)	<0.001	30.5
Psychosis	132 (9.8)	519 (7.8)	1.29	(1.05 to 1.59)	0.016	22.5
Schizophrenia	3 (0.2)	19 (0.3)	0.74	(0.22 to 2.50)	0.63	–
Neurosis	298 (22.1)	1139 (17.1)	1.41	(1.21 to 1.64)	<0.001	29.0
Personality problem	34 (2.5)	137 (2.1)	1.20	(0.82 to 1.76)	0.35	16.7
Other mental health condition	50 (3.7)	166 (2.5)	1.53	(1.10 to 2.14)	0.012	34.6

*Adjusted for problem drinking.
Some subjects had more than one diagnosis.

subjects), while hypnotics, anxiolytics and antidepressants were commonly prescribed treatments. The median time from first mental health diagnosis to the index date (duration of illness) was 5.3 years, IQR 2.2 to 11.6 years.

Table 2 presents associations of occupational injury with ever having consulted with a mental health problem prior to the index date and with specific categories of psychiatric illness. A statistically significant association was found for mental health problems overall, the odds of injury being raised some 44% ($p < 0.001$). Statistically significant associations were also found with consultations related specifically to psychosis (OR 1.29, $p = 0.016$), neurosis (OR 1.41, $p < 0.001$) and certain other mental health conditions (OR 1.53, $p = 0.012$). Associations with mental health consultations more than 12 months before the index date were broadly similar (see online supplementary table S1). The overall attributable fraction among exposed persons was 30.5%, and the corresponding population attributable fraction was 8.6%.

Table 3 shows associations between occupational injury consultation and being prescribed psychotropic drugs before the index date. The odds of injury consultation were raised 57% for patients prescribed any of the drugs in comparison with subjects who had never had such a prescription, and risks were even higher in relation to hypnotics (OR 1.63) and anxiolytics (OR 1.74). All findings were highly significant statistically ($p < 0.001$). Associations with prescription in the previous 12 months were similar, although analyses were based on smaller numbers (see online supplementary table S2).

For antidepressants it proved possible to distinguish risks by some major subcategories of treatment. A total of 711 subjects had taken a tricyclic antidepressant and 700 subjects a selective serotonin reuptake inhibitor (SSRI) before the index date;

however, monamine oxidase inhibitors and 'other' antidepressant drugs were taken too infrequently to warrant further consideration. Risks of injury consultation were significantly elevated, and to a similar extent, for both of the main classes of antidepressant: OR for tricyclic antidepressants, 1.39 (95% CI 1.14 to 1.69), $p = 0.001$; OR for SSRIs, 1.34 (95% CI 1.09 to 1.65), $p = 0.005$. Attributable fractions in exposed subjects ranged from 27% (antidepressants) to 42.5% (anxiolytics). The corresponding population attributable fraction for taking a psychotropic drug ever before the index event was 9.9%.

As patients with mental health problems are commonly treated with psychotropic drugs, and psychotropic drugs are mostly prescribed for mental illness, the relative contribution of each to risk of injury bears clarification. We therefore compared risks in subjects with a mental health diagnosis but no prior psychotropic drug treatment, and those with a mental health diagnosis who did receive a psychotropic drug, taking as a reference subjects with neither consultation for mental illness nor prescription of psychotropic medication (table 4). (The permutation 'drug treatment without mental health diagnosis' was not considered informative as the 1328 codes used to identify mental health problems will not have perfectly captured every mental health case. For example, 'tiredness', which was not included, would be indeterminate, having physical as well as psychological causes.) Risks were significantly elevated even in subjects who had a mental health consultation but no psychotropic drug prescription prior to the injury consultation (OR 1.41, $p = 0.001$).

Risks varied little according to the type or external cause of injury (see online supplementary table S3). They were significantly elevated also among severe cases (those involving fracture or amputation or hospital attendance) when assessed separately:

Table 3 Relationship between consulting with an occupational injury and being prescribed a hypnotic, anxiolytic or antidepressant drug

Before the index date	Cases (n=1348) N (%)	Controls (n=6652) N (%)	OR*	95% CI	p Value	Attributable fraction in the exposed (%)
Never prescribed any of these drugs	982 (72.8)	5336 (80.2)	1			
Prescribed one or more of these drugs	366 (27.2)	1316 (19.8)	1.57	(1.36 to 1.81)	<0.001	36.3
Prescribed						
Antidepressants	244 (18.1)	945 (14.2)	1.37	(1.17 to 1.62)	<0.001	27.0
Hypnotics	201 (14.9)	659 (9.9)	1.63	(1.37 to 1.94)	<0.001	38.7
Anxiolytics	147 (10.9)	443 (6.7)	1.74	(1.42 to 2.12)	<0.001	42.5

*Adjusted for problem drinking.
Some subjects had more than one treatment.

Table 4 The overlap between mental health problems and psychotropic prescriptions and their relation to consulting with an occupational injury

Before the index date	Cases (n=1348) N (%)	Controls (n=6652) N (%)	OR*	95% CI	p Value
No prescription or MHP	854 (63.4)	4814 (72.3)	1		
MHP but no prescription	128 (9.5)	522 (7.8)	1.41	(1.15 to 1.74)	0.001
Both MHP and a prescription	254 (18.8)	942 (14.2)	1.60	(1.36 to 1.89)	<0.0001

*Adjusted for problem drinking.

MHP, mental health problem. 'Prescription'—any of the classes of psychotropic drug listed in table 3.

OR 1.45, 95% CI 1.00 to 2.10 for previous psychiatric consultation and 1.55, 95% CI 1.07 to 2.26 for previous prescription of a psychotropic drug. Risks overall differed only marginally when analyses were carried out separately for men and women (data available upon request).

DISCUSSION

These data support the conclusion of our previous review,¹ that mental illnesses and prescribed psychotropic treatments moderately increase the risks of occupational injury. Risks were elevated 44% overall in relation to mental health problems and 57% overall in relation to psychotropic drug treatments. There was evidence that the effects of having a mental health condition are not solely a consequence of psychotropic medication. For patients taking common classes of antidepressants, we estimate that risks of injury are raised about 35–40%. The data further indicate that approximately 1 in 10 of all workplace injuries may be attributable to mental health conditions or psychotropic medication, the potentially avoidable fraction being higher (about 30–40%) among individuals with such health problems or taking such prescribed treatments.

Our study had several strengths and a few limitations. The database allowed us to identify a large sample of occupational injuries across Britain, together with a selection of age-matched, sex-matched and location-matched controls. Almost everyone in Britain registers with a family doctor for services that can be freely accessed at the point of delivery. Thus, general practice patient lists offer a sampling frame that is generally representative of the total population. Moreover, the CPRD database, which has been shown empirically to have a high degree of completeness (>97%) and validity for many measures,^{29 30} is likely to capture a very high proportion of acute injuries presenting to medical services (hospital attendances, which are logged within the database, are also free at the point of care, while accidents are rarely treated privately). Set against this, we could not investigate injuries that were only self-treated or mishaps resulting only in damage to property or near miss events. The complexity of the coding system was such that we may not have discovered every case of occupational injury or mental illness within the sampling frame. However, errors of omission would be unlikely to cause bias since the process of case ascertainment was independent of the exposures of interest.

A more significant limitation of the CPRD is that it does not maintain a reliable record of patients' occupations. Thus, while cases would have been selected from those in work, some controls may have been unemployed; cases may also have been drawn more often from manual occupations than controls. Bias might arise if controls over-represented the prevalence of mental illnesses or treatments for disorders that prevent work, or if these were more common in manual jobs. However, as we have demonstrated elsewhere,³¹ the resultant bias is likely to be small in practice. (This is because the excess prevalence in controls would reflect the weighted average of risks in subgroups, and be

diluted, on the one hand, by a low background rate of unemployment and, on the other hand, by the small difference in risk between manual and non-manual occupations. Moreover, potential biases would act in opposite directions.)

The CPRD record tends to lack information on the circumstances of occupational injury and some cases could have been injured through the fault of third parties rather than themselves. Furthermore, some codes were ambiguous as to occupational causation (such that 15% of cases were possibly, but not probably occupational, as judged independently by two of us (KTP and ECH) blinded to exposure status). Such errors would, if anything, bias risk estimates towards the null and cannot explain the elevation in risks that we observed. Risks of workplace injury could also have been reduced by healthy worker selection effects in the study population—for example, subjects with health problems opting for work with less injury potential or being screened out of hazardous work. This well-known effect would not compromise the internal validity of our study (as risks in workplaces would truly be lower), but is a threat to external validity, as simple extrapolation to unselected workforces could lead to an underestimation of risks.

A notable strength of the CPRD is that for each subject we could access a hugely detailed medical record, in which mental health diagnoses and treatments had been contemporaneously logged, independently of the injury consultation, and with full information on dates of events. The relative timing of events was thus established, although, as a further safeguard against the possibility that errors in the coding of dates masked an element of reverse causation, we explored associations with diagnoses made at least 12 months before the injury consultation in a sensitivity analysis: risk estimates were unchanged.

A further sensitivity analysis explored risks by nature and by external cause of injury, and found them to be broadly and generally elevated (see online supplementary table S3). Non-specificity of effect raises a concern that risk estimates may have been inflated by an overall propensity among cases to consult a family doctor (which is a requirement both of case definition and of qualifying exposures), but a similar significant magnitude of effect among severe cases (those seen in hospitals and those with fractures and amputations) tends to argue against important bias arising in this fashion.

The findings from this study are broadly compatible with other published data on mental illness and accident risk. Thus, in our previous review,¹ 21 of 22 risk estimates across 11 studies were elevated, 60% of them significantly so at the 5% level, and with a median RR of 1.5. The four largest studies (>1400 subjects analysed^{5 7 14 16}), including a large multistage probability sample from the US Health and Retirement Study cohort,¹⁶ provided risk estimates ranging from 1.07 to 1.47. However, studies mostly took self-reported low mood on a screening questionnaire as the basis for exposure definition, and only 6 of the 22 effect estimates were based on a physician's diagnosis of mental illness.

Earlier findings on psychotropic drugs and occupational injury risk have been more mixed. In our review,¹ 13 of 25 risk estimates (from nine studies) were increased, five of them significantly, the median RR being 1.2. However, the spread of risk estimates was wider than for mental illness, and two high-quality case-control studies with date of event information (to limit scope for reverse causation) reached different conclusions. Voaklander *et al*¹⁴ reported that prescription of anxiolytics, sedatives or hypnotics in the preceding 30 days was associated with a threefold increase in odds of hospital attendance with work-related injury, whereas Gilmore *et al*,²⁰ in a study of similar design, found much lower RRs (0.8 in men and 1.5 in women). Two other studies favoured a more than doubling of risk from medication,^{17 18} although both had the potential for inflationary bias through reverse causation—in Wadsworth *et al*,¹⁸ for example, the taking of sleeping pills related to the 14 days prior to questioning whereas injuries might have occurred up to a year beforehand. Studies mostly evaluated risks from hypnotics, anxiolytics and sedatives (or did not specify the class of agent), there being relatively few investigations of injury risk from antidepressants and antipsychotics, and, in contrast to this report, none that estimated risks by major classes of antidepressant. Hence, our findings, as well as providing estimates of risk based on accurate date of event information, provide a greater depth of information on specific agents.

On balance, we conclude that a range of common mental health illnesses and classes of psychotropic treatment contribute to an important, minority of workplace injury events. Absolute risks do not justify exclusion of individuals from employment, especially as individualised assessment may reveal factors that mitigate the risk of injury or its impact. However, the data suggest a need to exercise caution in the occupational placement of individuals with such problems, especially in relation to work that carries an unusual degree of risk or special responsibility for the safety of others.

Acknowledgements This study was supported by a grant from the Institution of Occupational Safety and Health (IOSH) and by programme funding from the Medical Research Council. Access to the CPRD data was granted under an MRC licence. We wish to thank staff members of the MHRA, including Professor Tjeerd Van Staa, for their support and Dr Martin Frisher for supplying us the list of Read codes used to identify cases of mental illness within the CPRD database.

Collaborators Professor Tjeerd Van Staa from the CPRD.

Contributors KTP and DC designed the study and led in analysis. KTP, with ECH and CHL, decided on a plan of coding and executed it. SDA conducted the statistical analyses. KTP gained the permissions for data access and obtained the data. All authors contributed to interpretation. KTP wrote the first draft of the manuscript and all authors shared in its revision. KTP acts as guarantor for the work.

Funding Institution of Occupational Safety and Health and the Medical Research Council (Grant ref R/1106/2).

Competing interests None.

Ethics approval Medicines and Health Products Regulatory Agency.

Provenance and peer review Not commissioned; externally peer reviewed.

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Table S1: Relation between consultation with an occupational injury and consultation for mental illness, more than 12 months before that injury

Consultation before the index date	Cases N (%)	Controls N (%)	OR*	95 % CI	P-value	Attributable fraction in the exposed
No mental health consultation	966 (71.7)	5188 (78.0)	1	(reference)		
Consulted with:						
Any psychiatric condition	345 (25.6)	1308 (19.7)	1.45	(1.25-1.67)	<0.001	31.0%
Psychosis	119 (8.8)	456 (6.9)	1.32	(1.06-1.65)	0.012	24.2%
Schizophrenia	3 (0.2)	19 (0.3)	0.74	(0.22-2.50)	0.63	-
Neurosis	261 (19.4)	1006 (15.1)	1.38	(1.18-1.63)	<0.001	27.5%
Personality problem	33 (2.5)	124 (1.9)	1.30	(0.88-1.93)	0.19	23.1%
Other mental health condition	48 (3.6)	147 (2.2)	1.67	(1.19-2.36)	0.003	40.1%

* Adjusted for problem drinking

Table S2: Relation between consultation with an occupational injury and being prescribed an antidepressant hypnotic, or anxiolytic drug in the previous 12 months

Prescription of an antidepressant, hypnotic, or anxiolytic drug in the 12 months before the index date	Cases (n=1348) N (%)	Controls (n=6652) N (%)	OR*	95 % CI	P-value	Attributable fraction in the exposed
None of these drugs	982 (72.8)	5336 (80.2)	1	(reference)		
At least one of these drugs	174 (12.9)	628 (9.4)	1.44	(1.20-1.73)	<0.001	30.5%
Prescribed						
- Antidepressants	111 (8.2)	450 (6.8)	1.25	(1.00-1.56)	0.054	20.0%
- Hypnotics	80 (5.9)	240 (3.6)	1.69	(1.30-2.20)	<0.001	40.8%
- Anxiolytics	54 (4.0)	144 (2.2)	1.90	(1.37-2.63)	<0.001	47.4%

* Adjusted for problem drinking

Table S3: Risks by external cause of accident and type of injury

	Cases (%)	Controls (%)	OR*	95 % CI	P-value
Mental health diagnosis (before the index date)					
Accidents involving a power tool or machinery	33.3	24.6	1.60	1.12-2.27	0.009
Chemical or other burns	32.5	21.1	1.51	1.02-2.23	0.035
Chemical poisonings or inhalation injuries	34.9	22.7	1.97	1.30-2.98	0.001
Sprains or soft tissue injuries	26.8	22.7	1.28	0.94-1.74	0.12
Lacerations or open wounds	23.6	24.3	0.94	0.58-1.53	0.80
Prescribed psychotropic medication (before the index date)					
Accidents involving a power tool or machinery	31.8	23.8	1.53	1.08-2.18	0.018
Chemical or other burns	29.9	22.5	1.52	1.01-2.30	0.047
Chemical poisonings or inhalation injuries	31.5	18.3	2.25	1.47-4.34	<0.001
Sprains or soft tissue injuries	26.4	19.9	1.52	1.11-2.09	0.009
Lacerations or open wounds	27.6	20.3	1.56	0.97-2.53	0.067

* Adjusted for problem drinking

APPENDIX 1: Codes supplied to the GPRD and used to define a work-related injury consultation (not all of these codes were found in the 8,000 subjects finally analysed)

Codes	Accident/Injury
L 5250W	Accident at work
T 920	Accident on duty
T01x000	Train collision with other vehicle, railway employee injured
T01y000	Train collision with other object, railway employee injured
T020000	Derailed by track problem, no collision, employee injured
T031000	Train accident involving fire, railway employee injured
T032000	Train accident involving burning, railway employee injured
T04z000	Fall in, on or from train NOS, railway employee injured
T050000	Crushed by rolling stock - railway employee
T051000	Knocked down by rolling stock - railway employee
T053000	Killed by rolling stock - railway employee
T05z000	Injured by rolling stock, NOS - railway employee
T0x2000	Injured by object set in motion by train - railway employee
T0x3000	Train hit by falling object - railway employee injured
T402200	Fall from burning ship - crew of other watercraft injured
T40z600	Other watercraft accident - docker or stevedore injured
T410200	Burned while ship on fire, crew of other watercraft injured
T410600	Burned while ship on fire, docker or stevedore injured
T411200	Crushed-ships in collision - crew of other watercraft inj
T411600	Crushed-ships in collision - docker or stevedore injured
T413200	Fall due to watercraft accident - crew other watercraft injured
T413600	Fall due to watercraft accident - docker or stevedore injured
T414200	Watercraft accident -hit by object - crew of other watercraft inj
T41z200	Accident to watercraft and inj nos – crew of other watercraft
T41z600	Accident to watercraft and injury nos – docker or stevedore
T421600	Submersion-fall overboard - docker or stevedore injured
T42z200	Submers+water transport acc NOS - crew other watercraft injured
T431200	Fall-ladder water transport - crew other watercraft injured
T473600	Crushed-ship+static object NOS - docker or stevedore injured
T474600	Crushed between ships-no WTA - docker or stevedore injured
T500200	Aircraft collision-takeoff - crew comm aircraft surf/s injury
T505800	Aircraft fire on landing - ground crew/airline employee injury
T50y200	Acc aircraft-takeoff NOS - crew comm aircraft surf/s injured
T510200	Collision aircraft-flying+other aircraft-crew comm aircraft surf/s injury
T511800	Collision aircraft-flying+bird - ground crew/air employee injury
T512800	Collision aircraft-flying+other object- ground crew/air employee injury
T51z200	Aircraft accident NOS - crew comm aircraft surf/surf injured
T530200	Accident boarding aircraft – crew comm. Aircraft su
T530800	Accident boarding aircraft – ground crew/airline e
T531200	Accident alighting aircraft – crew comm. Aircraft surf
T531800	Accident alighting aircraft – ground crew/airline emp

T532800	Fall in aircraft - ground crew or airline employee injured
T53z100	Aircraft fall NOS - occupant of military aircraft injured
T543800	Aircraft rotating propeller injury- ground crew/airline employ injury
T54z200	Other air transport acc NOS- crew comm aircraft surf/s injury
T71..00	Place of occurrence of accident or poisoning, farm (P)
T710.00	Place of occurrence of accident or poisoning, farm building
T71z.00	Place of occurrence of accident or poisoning, farm NOS (P)
T72..00	Place of occurrence of accident or poisoning, mine or quarry
T722.00	Place of accident or poisoning, tunnel under construction
T72z.00	Place of accident or poisoning, mine or quarry NOS
T73..00	Place of accident or poisoning, industrial place/premises
T733.00	Place of accident or poisoning, factory building
T735.00	Place of accident or poisoning, garage, place of work
T736.00	Place of accident or poisoning, industrial yard
T7y5.00	Place of occurrence of accident or poisoning, dock
TD15500	Burning caused by conflagration in factory
TD18500	Hit by object falling from burning factory
TD19000	Jump from burning barn
TD1y600	Other accident resulting from fire in farm outbuilding
TD65.00	Accident caused by brazier in other structure or building
TD66.00	Accident caused by furnace in other structure or building
TE01.00	Accidents due to heat of man-made origin (P)
TE01000	Accident due to heat in boiler room
TE01100	Accident due to heat in drying room
TE01200	Accident due to heat in factory
TE01300	Accident due to heat generated in transport vehicle
TE11.00	Accidents due to cold of man-made origin (P)
TE11000	Accidents due to dry ice
TE11100	Accidents due to liquid air
TE11300	Accidents due to liquid nitrogen (P)
TE11400	Accidents due to deep freeze unit (P)
TE11z00	Accident due to cold of man-made cold origin nos (P)
TE21000	Accident due to sudden air pressure change, aircraft – ascent (P)
TE22100	Accident due to reduction air pressure - ascent from diving (P)
TE22112	Accident due to reduction air pressure-surfacing from diving (P)
TE2yz00	Accident due to other cause of air pressure change NOS (P)
TF03200	Accidental drowning/submersion during placement fishing nets
TF03500	Accidental drowning/submersion during underwater repairs
TG30000	Accidentally burned by machinery (P)
TG30500	Accidentally drowned by machinery
TG4y400	Accident caused by lathe turnings
TG80200	Accidental burning or scalding caused by liquid me
TG80200	Accidental burning or scalding caused by liquid metal
TG81000	Accidental burning caused by acid
TG81011	Accidental burning by hydrofluoric acid
TG81100	Accidental burning caused by ammonia

TG81400	Accidental burning caused by vitriol burning
TG81500	Accidental burning caused by hydrofluoric acid
TG81500	Accidental burning caused by hydrofluoric acid
TG81y00	Accidental burning caused by other caustic or corrosive (P)
TG81z00	Accidental burning caused by caustic or corrosive (P)
TG8y200	Accidental burning caused by steam pipe
TG8y300	Accidental burning or scalding caused by bitumen oil
TG8y400	Accidental burning or scalding caused by plastic
TG92.00	Accidents caused by industrial electric current
TG92z00	Accident caused by industrial electric current nos
TO5z000	Injured by rolling stock, nos – railway employee
TOx2000	Injured by object set in motion by train – railway
U112500	[X]Striking against/struck by other object occ trade/service area
U113600	[X]Caught crushed jammed/pinched in/between object occ industrial/construction area
U11C600	[X]Handgun discharge occurrence at industrial/construction area
U11E600	[X]Discharge from other/unspecified firearm occurrence at industrial/construction area
U11Q700	[X]Foreign body entering into/thro eye/natural orifice occurrence on farm
U13z600	[X]Unspecified drowning+submersion occurrence industrial/construction area
U150.12	[X]Electric shock - transmission line
U164700	[X]Exposure to ignition of high flammable material occurrence farm
T45..00	Machinery accident in water transport (WT)
T450.00	Injury in water transport caused by deck machinery
T450600	WT injury-deck machinery - docker or stevedore injured
T450y00	WT injury-deck machinery - other specified person injured
T451y00	WT injury-engine room machine - other specified person inj
T453200	WT injury-laundry machinery - crew other watercraft injured
T453600	WT injury-laundry machinery - docker or stevedore injured
T454.00	Injury in water transport caused by loading machines
T454600	WT injury-loading machinery - docker or stevedore injured
T45zy00	WT machinery accident NOS - other specified person injured
TD3y000	Accident caused by clothes on fire from blowlamp
TD3y100	Accident caused by clothes on fire from blowtorch
TD3y900	Accident caused by clothes on fire from welding torch
TDyy000	Accident caused by blowlamp
TDyy100	Accident caused by blowtorch
TG22. 00	Accidentally caught in hand tool, appliance or imp
TG25.00	Accidentally caught under packing crate due to losing grip
TG3..00	Accidents caused by machinery
TG30000	Accidentally burned by machinery
TG30100	Accidentally caught in machinery
TG30200	Accident caused by collapse of machinery
TG30300	Accidentally crushed by machinery
TG30500	Accidentally drowned by machinery
TG30700	Accident caused by fall into moving part of machine
TG30800	Accident caused by fall from a moving part of machine

TG30C00	Accident caused by overturning of machinery
TG30D00	Accidentally pinned under machinery
TG30F00	Accidentally struck by machinery
TG30z00	Accident caused by machinery nos
TG31.00	Accidents caused by agricultural machines
TG31000	Accident caused by animal powered agricultural machine
TG31100	Accident caused by hay derrick
TG31400	Accident caused by forging machine
TG31500	Accident caused by hay rake
TG31z00	Accident caused by agricultural machinery nos
TG32000	Accident caused by land bore or drill
TG32200	Accident caused by drilling shaft hoist
TG32200	Accident caused by drilling shaft hoist
TG32300	Accident caused by drilling shaft lift
TG32400	Accident caused by drilling under-cutter
TG32z00	Accident caused by mining or earth drilling machinery NOS
TG33.00	Accidents caused by lifting machines and appliances
TG33000	Accident caused by chain hoist
TG33300	Accident caused by grain elevator
TG33700	Accident caused by pulley block
TG33800	Accident caused by winch
TG34.00	Accidents caused by metalworking machines
TG34000	Accident caused by abrasive wheel
TG34100	Accident caused by forging machine
TG34200	Accident caused by lathe
TG34300	Accident caused by mechanical shears
TG34500	Accident caused by metal milling machine
TG34600	Accident caused by metal power press
TG34800	Accident caused by metal sawing machine
TG34z00	Accident caused by metalworking machine nos
TG35.00	Accidents caused by woodworking and forming machines
TG35000	Accident caused by band saw
TG35100	Accident caused by bench saw
TG35200	Accident caused by circular saw
TG35300	Accident caused by moulding machine
TG35500	Accident caused by powered saw
TG35600	Accident caused by radial saw
TG35700	Accident caused by sander
TG35z00	Accident caused by woodworking or forming machine
TG36.00	Accidents caused by prime movers, except electrical motors
TG36100	Accident caused by internal combustion engine
TG36200	Accident caused by steam engine
TG37.00	Accidents caused by transmission machinery
TG37000	Accident caused by transmission belt
TG37200	Accident caused by transmission chain
TG37300	Accident caused by transmission gear

TG37400	Accident caused by transmission pinion
TG37500	Accident caused by transmission pulley
TG37600	Accident caused by transmission shaft
TG38200	Accident caused by steam shovel
TG3y000	Accident caused by machine for manufacture of clothes
TG3y100	Accident caused by machine for manufacture of food/beverages
TG3y200	Accident caused by machine for manufacture of paper
TG3y300	Accident caused by printing machine
TG3y500	Accident caused by spinning machine
TG3y500	Accident caused by weaving machine
TG3y700	Accident caused by textile machine
TG3z. 00	Accident caused by machinery nos
TG3z.11	Industrial machinery accident NOS
TG41000	Accident caused by powered drill (P)
TG41200	Accident caused by powered hedge clipper (P)
TG41300	Accident caused by powered rivet gun
TG41400	Accident caused by powered snow blower
TG41500	Accident caused by powered staple gun (P)
TG42400	Accident caused by electric sewing machine (P)
TG44. 00	Accident caused by other hand tools and implements (P)
TG44200	Accident caused by chisel (P)
TG44400	Accident caused by hand saw (P)
TG44500	Accident caused by hoe (P)
TG44800	Accident caused by paper cutter (P)
TG44900	Accident caused by pitchfork (P)
TG44A00	Accident caused by rake (P)
TG44C00	Accident caused by screwdriver (P)
TG44E00	Accident caused by shovel (P)
TG44z00	Accident caused by hand tool or implement nos (P)
TG92100	Accident caused by industrial electrical control apparatus
TG92200	Accident caused by industrial electrical equipment+machines
TGA2300	Overexposure to oxygas welding torch
U119500	[X]Cont with other powered hand tool+household machine trade/service area
U11Az00	[X]Contact with agricultural machinery occurrenceat unspecified place
U11B500	[X]Contact with other+unspecified machinery occurrence at trade/service area
U11B700	[X]Contact with other+unspecified machinery occurrence on farm
T602.00	Accident involving battery powered mail trucks
T603.00	Accident involving coal car in mine
T604.00	Accident involving logging car
T605.00	Accident involving industrial self propelled truck
T60E.00	Fall from powered vehicle, industrial or commercial
TD66.00	Accident caused by furnace in other structure or B
TG30A00	Accidental mechanical suffocation caused by machine
TG30E00	Accidentally run over by machinery
TG30G00	Accidentally thrown from machinery
TG31000	Accident caused by animal powered agricultural machine

TG31200	Accident caused by farm tractor
TG31300	Accident caused by harvester
TG31400	Accident caused by hay mower
TG31600	Accident caused by reaper
TG31700	Accident caused by thresher
TG32.00	Accidents caused by mining and earth-drilling machines
TG32100	Accident caused by seabed bore or drill
TG32z00	Accident caused by mining or earth drilling machine
TG33.00	Accidents caused by lifting machine and appliances
TG33100	Accident caused by crane
TG33200	Accident caused by Derrick
TG33500	Accident caused by forklift truck
TG33z00	Accident caused by lifting machine or appliance no
TG34700	Accident caused by metal rolling-mill
TG36000	Accident caused by gas turbine
TG36300	Accident caused by water driven turbine
TG38.00	Accident caused by earth moving/excavation machine
TG38000	Accident caused by bulldozer
TG38100	Accident caused by road scraper
TG91000	Accident caused by electric power generating plant
TG91100	Accident caused by electric power distribution station
TG92000	Accident caused by industrial electrical conductor
TG92300	Accident caused by industrial electrical transformer
U083500	[X]Driver of special industrial vehicle injury in non-traffic accident
U084500	[X]Driver of special agricultural vehicle injured in non-traffic accident
U085000	[X]Driver of special construction vehicle injured in traffic accident
SM11.00	Benzine causing toxic effect
SM23000	Tetrachloroethylene causing toxic effect
SM23100	Trichloroethylene causing toxic effect
SM30100	Cresol causing toxic effect
SM32200	Sodium hydroxide causing toxic effect (P)
SM4.00	Lead and lead compounds causing toxic effect
SM40100	Lead salts causing toxic effect
SM41100	Tetraethyl lead causing toxic effect
SM5.00	Other metals causing toxic effect (P)
SM55.00	Cadmium causing toxic effect
SM5y100	Copper salts causing toxic effect
SM78.00	Toxic effect of fluorine gas and hydrogen fluoride
T470.00	Accidental poisoning by gases or fumes on ship
T470200	Accidental poison gas/fume on ship – crew other watercraft
T470600	Accidental poison gas/fume on ship – docker or stevedor
T822z00	Accidental poisoning by bromine compounds nos
T903.00	Accidental poisoning by isopropyl alcohol
T903300	Accidental poisoning by secondary propyl alcohol
T904.00	Accidental poisoning by fusel oil
T910.00	Accidental poisoning by synthetic detergents and s (P)

T911.00	Accidental poisoning by soap products (P)
T912.00	Accidental poisoning by polishes (P)
T913.00	Accidental poisoning by other cleaning agents (P)
T913000	Accidental poisoning by scouring agents (P)
T916.00	Accidental poisoning by other paints and varnishes (P)
T916200	Accidental poisoning by non-lead paints (P)
T916300	Accidental poisoning by white washes (P)
T916z00	Accidental poisoning by paint or varnish nos (P)
T920.00	Accidental poisoning by petroleum solvents (P)
T920200	Accidental poisoning by petroleum naphtha
T921000	Accidental poisoning by antiknock additives to pet
T921200	Accidental poisoning by petrol (P)
T921300	Accidental poisoning by kerosene (P)
T922.00	Accidental poisoning by lubricating oils (P)
T924.00	Accidental poisoning by other solvents (P)
T924000	Accidental poisoning by benzene
T92z.00	Accidental poisoning by solvent nos (P)
T93..00	Accidental poisoning by agricultural chemical prep
T930.00	Accidental poisoning by organochlorine insecticides
T930000	Accidental poisoning by benzene hexachlorine
T930100	Accidental poisoning by chlordane
T930100	Accidental poisoning by chlordane
T930300	Accidental poisoning by dieldrin
T930400	Accidental poisoning by endrine
T930500	Accidental poisoning by toxaphene
T931000	Accidental poisoning by demeton
T931100	Accidental poisoning by diazino
T931400	Accidental poisoning by Methyl Parathion
T931400	Accidental poisoning by methyl parathion
T931700	Accidental poisoning by phorate
T931800	Accidental poisoning by phosdrin
T931z00	Accidental poisoning by organophosphorous insecticide
T932.00	Accidental poisoning by carbamates
T932000	Accidental poisoning by aldicarb
T932100	Accidental poisoning by charbaryl
T932200	Accidental poisoning by propoxur
T932z00	Accidental poisoning by carbamates nos
T933.00	Accidental poisoning by mixtures of insecticides (P)
T934000	Accidental poisoning by insecticides of kerosene compounds
T934z00	Accidental poisoning by insecticides nos (P)
T935.00	Accidental poisoning by herbicides (P)
T935000	Accidental poisoning by 2, 4-D
T935300	Accidental poisoning by diquat
T935400	Accidental poisoning by mixtures of herbicides and plant (P)
T935500	Accidental poisoning by paraquat
T935z00	Accidental poisoning by herbicides nos (P)

T936000	Accidental poisoning by organic mercurials
T936100	Accidental poisoning by pentachlorophenol
T937.00	Accidental poisoning by rodenticides (P)
T937200	Accidental poisoning by thallium
T937400	Accidental poisoning by zinc phosphide
T937z00	Accidental poisoning by rodenticides nos (P)
T938000	Accidental poisoning by cyanides
T938100	Accidental poisoning by methyl bromide
T938200	Accidental poisoning by phosphine
T93z.00	Accidental poisoning agricultural chemical preparation
T940.00	Accidental poisoning by corrosive aromatics
T940000	Accidental poisoning by carbolic acid
T940011	Accidental poisoning by phenol
T940z00	Accidental poisoning by corrosive aromatics NOS
T941000	Accidental poisoning by hydrochloric acid
T941100	Accidental poisoning by nitric acid
T941200	Accidental poisoning by sulphuric acid
T941z00	Accidental poisoning by acid nos
T942.00	Accidental poisoning by caustic alkalis (P)
T942000	Accidental poisoning by sodium hydroxide (P)
T942z00	Accidental poisoning by caustic alkalis nos (P)
T94y.00	Accidental poisoning by other corrosives and caustics (P)
T94z.00	Accidental poisoning by corrosives and caustic no (P)
T960.00	Accidental poisoning by lead and its compounds and fumes
T960000	Accidental poisoning by lead, unspecified
T960z00	Accidental poisoning by lead, NOS
T961.00	Accidental poisoning by mercury and its compounds and fumes
T961000	Accidental poisoning by mercury, unspecified
T962.00	Accidental poisoning by antimony and its compounds and fumes
T963.00	Accidental poisoning by arsenic and its compounds
T963000	Accidental poisoning by arsenic, unspecified
T963100	Accidental poisoning by arsenic compounds
T963200	Accidental poisoning by arsenic fumes
T963z00	Accidental poisoning by arsenic, nos
T964.00	Accidental poisoning by other metals + compounds and fumes
T964000	Accidental poisoning by beryllium and its compound
T964200	Accidental poisoning by cadmium and its compounds
T964300	Accidental poisoning by copper salts
T964500	Accidental poisoning by manganese and its compounds
T964600	Accidental poisoning by nickel compounds
T964700	Accidental poisoning by thallium compounds
T964z00	Accidental poisoning by metals and compounds and fumes
T965000	Accidental poisoning by plant food (P)
T965100	Accidental poisoning by fertilisers (P)
T966y00	Accidental poisoning by other adhesives (P)
T980100	Accidental poisoning by butane

T980200	Accidental poisoning by propane
T981000	Accidental poisoning by acetylene
T981100	Accidental poisoning by water gas
T981z00	Accidental poisoning by utility gas nos
T982000	Accidental poisoning by exhaust gas-stationary far
T982100	Accidental poisoning by exhaust gas from gas engine
T982200	Accidental poisoning by exhaust gas from motor pump
T98y.00	Accidental poisoning by carbon monoxide from other (P)
T98y000	Accidental poisoning by CO – blast furnace gas
T98y100	Accidental poisoning by CO – kiln vapour
T98yz00	Accidental poisoning by carbon monoxide from other source (P)
T99..00	Accidental poisoning by other gases and vapours
T99..00	Accidental poisoning by other gases/vapours
T991.00	Accidental poisoning by sulphur dioxide
T992.00	Accidental poisoning by freon
T99y000	Accidental poisoning by chlorine
T99y100	Accidental poisoning by hydrocyanic acid gas
TD10500	Explosion caused by conflagration in factory
TD12000	Carbon monoxide fumes from conflagration in barn
TD13600	Fumes NOS from conflagration in farm outbuilding
TD13A00	Fumes NOS from conflagration in store
TD14500	Smoke NOS from conflagration in factory
TD16000	Accident due to collapse of burning barn
TD16500	Accident due to collapse of burning factory
TD16600	Accident due to collapse of burning farm outbuilding
TD17000	Accident due to fall from burning barn
TD17500	Accident due to fall from burning factory
TD17600	Accident due to fall from burning farm outbuilding
TG30600	Accident caused by explosion of, on or in machine
TG5..00	Accidents caused by explosion of pressure vessel
TG51.00	Accident caused by explosion of gas cylinder
TG51z00	Accident caused by explosion of gas cylinder
TG5z.00	Accident caused by explosion of pressure vessel NOS
TG71.00	Accident caused by blasting materials
TG71000	Accident caused by blasting cap
TG71100	Accident caused by detonator
TG71200	Accident caused by dynamite
TG71300	Accident caused by blasting explosive nos
TG71z00	Accident caused by blasting material nos
TG72000	Accident caused by explosion of acetylene
TG72300	Accident caused by explosion of fire damp
TG72500	Accident caused by explosion of methane
TG72600	Accident caused by explosion of propane
TG72y00	Accident caused by explosion in mine nos
TG7y.00	Accident caused by other explosive materials
TG7y300	Accident caused by explosion of mine

TG7Y700	Accident caused by explosion of munitions factory
TG81000	Accidental burning caused by acid
TG81011	Accidental burning by Hydrofluoric acid
TG81500	Accidental burning caused by hydrofluoric acid
TG8y300	Accidental burning or scalding caused by bitumen or tar
U11M500	[X]Exposure to high-pressure jet occurrence at trade/service area
U11M700	[X]Exposure to high-pressure jet, occurrence on farm

P – Possibly occupational; nos – Not otherwise specified

APPENDIX 2: Mental health consultations before the index event

<i>Med code</i>	<i>Read code</i>	<i>Read term</i>
NEUROSIS		
276	E28..00	Acute reaction to stress
1131	E204.00	Neurotic depression reactive type
543	Eu32z11	[X]Depression NOS
636	E200.00	Anxiety states
131	1B13.00	Anxiousness
1996	1B17.00	Depressed
1900	R2y3.00	[D]Debility, unspecified
966	E207.00	Hypochondriasis
3208	E203.00	Obsessive-compulsive disorders
22019	Eu42100	[X]Predominantly compulsive acts [obsessional rituals]
2030	E203100	Obsessional neurosis
1908	2257	O/E - depressed
23354	E201z00	Hysteria NOS
21836	Eu42.12	[X]Obsessive-compulsive neurosis
7953	Eu34100	[X]Dysthymia
655	E200300	Anxiety with depression
4537	1B1B.11	C/O - insomnia
2524	1BK..00	Worried
4824	1B17.11	C/O - feeling depressed
1758	E200400	Chronic anxiety
462	E200111	Panic attack
514	1B12.12	Tension - nervous
4639	Eu32.00	[X]Depressive episode
1582	E205.11	Nervous exhaustion
2100	R060100	[D]Hyperventilation
4069	E200100	Panic disorder
5902	1B13.11	Anxiousness - symptom
4863	28B..00	O/E - easily distractable
3586	1B12.11	Nerves
1712	1BD1.00	Suicidal ideation
3667	1B15.00	Irritable
19696	Eu33.12	[X]Recurrent episodes of psychogenic depression

1149	225A.00	O/E - irritable
3881	1B16.00	Agitated
2913	1B...00	Nervous system symptoms
4534	E200z00	Anxiety state NOS
1449	1B1J.00	Emotional problem
3502	1B1J.11	Emotional upset
4167	E202A00	Fear of flying
1533	E290.00	Brief depressive reaction
4659	E200200	Generalised anxiety disorder
2147	1B1N.00	Poor self esteem
2300	E202000	Phobia unspecified
16638	E202.11	Social phobic disorders
12838	E202200	Agoraphobia without mention of panic attacks
791	E20z.11	Nervous breakdown
2930	1B17.12	C/O - feeling unhappy
4143	E201612	Globus hystericus
9211	Eu32100	[X]Moderate depressive episode
8205	Eu41000	[X]Panic disorder [episodic paroxysmal anxiety]
5385	Eu41.00	[X]Other anxiety disorders
9536	1B1D.11	Nightmares - symptom
21305	1B1B.00	Cannot sleep - insomnia
3076	E202100	Agoraphobia with panic attacks
8215	R00zA00	[D]Physical violence
8851	Eu33.11	[X]Recurrent episodes of depressive reaction
9785	Eu40200	[X]Specific (isolated) phobias
9581	Eu50200	[X]Bulimia nervosa
1907	E202.00	Phobic disorders
15431	E201600	Other conversion disorder
19129	1B1H.00	Frightened
29520	Eu33100	[X]Recurrent depressive disorder, current episode moderate
1525	E22z.00	Psychosexual disorder NOS
2585	1B14.11	Tenseness - symptom
5719	1B1L.00	Stress related problem
5305	E206.00	Depersonalisation syndrome
5811	1B16.11	Agitated - symptom
3361	E205.00	Neurasthenia - nervous debility
4171	Eu43100	[X]Post - traumatic stress disorder
3292	Eu33.00	[X]Recurrent depressive disorder
2775	E290000	Grief reaction
4067	1BD3.00	Suicidal plans
10344	Eu41100	[X]Generalized anxiety disorder
2826	E29..00	Adjustment reaction
13122	225B.00	O/E - angry
2970	Eu32z00	[X]Depressive episode, unspecified
13124	2258	O/E - anxious
9386	Eu40.00	[X]Phobic anxiety disorders

8408	1B1C.00	Sexual symptom
11913	Eu41200	[X]Mixed anxiety and depressive disorder
2777	R2y3.11	[D] Self neglect
2509	R2y2.00	[D]Nervousness
7724	R00z800	[D]Irritability and anger
21431	Eu46z11	[X]Neurosis NOS
11336	Eu43200	[X]Adjustment disorders
52161	Eu44.12	[X]Conversion reaction
5589	1BD4.00	Suicide risk
8123	1B1O.00	Restless
4634	E200500	Recurrent anxiety
34696	E201400	Hysterical paralysis
11602	Eu40100	[X]Social phobias
7222	Eu40z11	[X]Phobia NOS
5249	E20..00	Neurotic disorders
2366	E202C00	Dental phobia
23808	Eu4..00	[X]Neurotic, stress - related and somoform disorders
25638	Eu41z11	[X]Anxiety NOS
6939	E200000	Anxiety state unspecified
14780	E20z.00	Neurotic disorder NOS
4269	E201700	Hysterical amnesia
29608	1B12.00	Nerves - nervousness
1694	284..00	O/E - disorientated
9944	E202.12	Phobic anxiety
2831	1B1I.00	Crying, excessive
15321	E20y000	Somatization disorder
20163	1B1H.12	Apprehension
2571	Eu40000	[X]Agoraphobia
14729	E202z00	Phobic disorder NOS
18399	Eu42200	[X]Mixed obsessional thoughts and acts
3291	Eu32z12	[X]Depressive disorder NOS
23838	Eu41z00	[X]Anxiety disorder, unspecified
6142	1B15.11	Irritable - symptom
28302	E292312	Specific work inhibition
9504	1B19.11	Suicidal - symptom
15437	1B19.00	Suicidal
1723	E202800	Claustrophobia
12635	Eu40214	[X]Simple phobia
16817	E2D..00	Disturbance of emotion specific to childhood and adolescence
6583	Eu50211	[X]Bulimia NOS
7899	2253	O/E - distressed
8902	Eu33.13	[X]Recurrent episodes of reactive depression
9055	Eu32.11	[X]Single episode of depressive reaction
5304	Eu42.00	[X]Obsessive - compulsive disorder
16729	Eu40011	[X]Agoraphobia without history of panic disorder

22136	Eu44.00	[X]Dissociative [conversion] disorders
11717	Eu32000	[X]Mild depressive episode
5347	1B1H.11	Fear
7737	Eu34113	[X]Neurotic depression
10734	E290011	Bereavement reaction
6159	Eu50.00	[X]Eating disorders
8584	Eu34111	[X]Depressive neurosis
7604	Eu32.13	[X]Single episode of reactive depression
11098	Eu43.00	[X]Reaction to severe stress, and adjustment disorders
4597	1B1B200	Late insomnia
2188	E201.00	Hysteria
6408	Eu41011	[X]Panic attack
20089	1B1Z.00	General nervous symptom NOS
7412	1BJ..00	Loss of confidence
15220	Eu34114	[X]Persistent anxiety depression
11607	Eu43000	[X]Acute stress reaction
10290	Eu34112	[X]Depressive personality disorder
5225	E2D2z11	School refusal
9686	E2...00	Neurotic, personality and other nonpsychotic disorders
15008	1BZ..00	Nervous system symptoms NOS
10723	R2y2.12	[D]Nervous tension
20245	E283000	Acute situational disturbance
15631	1BF..00	Guilty ideas
26138	E28z.00	Acute stress reaction NOS
34064	Eu40z00	[X]Phobic anxiety disorder, unspecified
20802	E28z.12	Flying phobia
3347	E2D..11	Adolescent - emotional problem
5406	E2D3000	Sibling jealousy
10535	Eu43012	[X]Acute reaction to stress
18248	Eu40212	[X]Animal phobias
35825	Eu41112	[X]Anxiety reaction
7819	E274.00	Non-organic sleep disorders

PERSONALITY DISORDER

15098	E21z.00	Personality disorder NOS
1363	E2C..11	Behaviour disorder
18565	E21y200	Borderline personality disorder
4515	E216.00	Inadequate personality disorder
27481	E215.00	Histrionic personality disorders
2076	E21..00	Personality disorders
1329	E2C1200	Tantrums
2040	E2C0.00	Aggressive unsocial conduct disorder
792	E21z.11	Psychopathic personality
23597	E213.00	Explosive personality disorder
6416	E2C0100	Anger reaction
5652	E210.00	Paranoid personality disorder
20255	E2C3100	Pathological gambling

6104	13HP.00	Relationship problems
2641	E2C0000	Aggressive outburst
6339	E213.11	Aggressive personality
4885	E2C1011	School refusal
4759	E215.11	Hysterical personality disorders
34881	Eu62y11	[X]Chronic pain personality syndrome
3111	13HP100	Girlfriend relationship problem
3709	E215200	Emotionally unstable personality
27945	Eu60411	[X]Hysterical personality disorder
42496	Eu60z00	[X]Personality disorder, unspecified
35763	E21y300	Passive-aggressive personality disorder
7169	E2Cy000	Breath holder
2235	E2C..00	Disturbance of conduct NEC
4531	13HP000	Boyfriend relationship problem
1293	E214100	Obsessional personality
11121	Eu91215	[X]Truancy from school
1364	E21y500	Immature personality disorder
19931	E216.13	Labile personality
3165	Eu63300	[X]Trichotillomania
23521	E2Cz000	Juvenile delinquency unspecified
20033	E21yz11	Manipulative personality
12228	E211100	Hypomanic personality disorder
21665	E216.12	Dependent personality
14979	E211.00	Affective personality disorder
17721	E2Cz.00	Unspecified disturbance of conduct
4911	E2Cy.00	Other conduct disturbances
PSYCHOSIS		
324	E2B..00	Depressive disorder NEC
1055	E135.00	Agitated depression
5879	E112.11	Agitated depression
6950	E112.13	Endogenous depression first episode
6482	E113700	Recurrent depression
1713	2841	Confused
4843	Eu22015	[X]Paranoia
14728	E110100	Single manic episode, mild
3775	E2E..00	Childhood hyperkinetic syndrome
2560	E11..12	Depressive psychoses
2113	Eu22011	[X]Paranoid psychosis
4323	E2B1.00	Chronic depression
6932	E113.11	Endogenous depression - recurrent
5565	E2E0.00	Child attention deficit disorder
16808	Eu31000	[X]Bipolar affective disorder, current episode hypomanic
6874	Eu31.00	[X]Bipolar affective disorder
3630	E....00	Mental disorders
2741	Eu30000	[X]Hypomania
1531	Eu31.11	[X]Manic-depressive illness

12831	E115.11	Manic-depressive - now depressed
1915	1BH.00	Delusions
15066	F481K00	Visual hallucinations
1914	1B1E.00	Hallucinations
12120	R001000	[D]Hallucinations, auditory
4261	E12..00	Paranoid states
14965	E13z.00	Nonorganic psychosis NOS
12173	Eu30.00	[X]Manic episode
5188	R009.00	[D]Confusion
2114	E03y300	Unspecified puerperal psychosis
4678	Eu30z11	[X]Mania NOS
3489	E11z100	Rebound mood swings
694	Eu2z.11	[X]Psychosis NOS
8478	E130.00	Reactive depressive psychosis
6387	E2A1000	Mild memory disturbance
9521	Eu30.11	[X]Bipolar disorder, single manic episode
14784	E117.00	Unspecified bipolar affective disorder
24387	Eu04.13	[X]Acute / subacute infective psychosis
3636	E13z.11	Psychotic episode NOS
41537	E030z00	Acute confusional state NOS
14656	E11..00	Affective psychoses
4033	E030.00	Acute confusional state
24264	Eu45213	[X]Hypochondriacal neurosis
595	E112.14	Endogenous depression
11994	Eu05600	[X]Organic emotionally labile [asthenic] disorder
12099	Eu32300	[X]Severe depressive episode with psychotic symptoms
9667	Eu32200	[X]Severe depressive episode without psychotic symptoms
15155	E112200	Single major depressive episode, moderate
10610	E112.00	Single major depressive episode
10239	E2A2.00	Post-concussion syndrome
5726	Eu3..00	[X]Mood - affective disorders
21985	Eu0z.11	[X]Organic psychosis NOS
17770	E130.11	Psychotic reactive depression
15053	E133.00	Acute paranoid reaction
3991	2841.11	Confusion
15099	E113.00	Recurrent major depressive episode
25694	E113300	Recurrent major depressive episodes, severe, no psychosis
16506	E112100	Single major depressive episode, mild
23932	R007z00	[D]Malaise and fatigue NOS
6075	E293000	Adjustment reaction with aggression
9183	E11z200	Masked depression
14743	E120.00	Simple paranoid state
23835	E040.11	Korsakoff's non-alcoholic psychosis
10870	Eu45214	[X]Hypochondriasis
5814	R007z11	[D]Lassitude
33751	Eu31z00	[X]Bipolar affective disorder, unspecified

17385	E114.11	Manic-depressive - now manic
6546	E112.12	Endogenous depression first episode
43324	E112500	Single major depressive episode, partial or unspec remission

SCHIZOPHRENIA

854	E10..00	Schizophrenic disorders
3984	E100200	Chronic schizophrenic
8407	E10z.00	Schizophrenia NOS
2117	E107.00	Schizo-affective schizophrenia
9422	Eu25.00	[X]Schizoaffective disorders
15733	E100000	Unspecified schizophrenia
1494	E103.00	Paranoid schizophrenia

OTHER

8913	E274800	Night terrors
2129	E274900	Nightmares
2639	E204.11	Postnatal depression
10717	U2...11	[X]Self inflicted injury
2135	E271.00	Anorexia nervosa
4106	1B74.00	Floaters seen
3009	E2F0000	Reading disorder unspecified
927	1B73.00	Flashing lights seen
2393	E270.00	Stammering or stuttering
9287	1B92.11	Stammer - symptom
6495	ZV40111	[V]Problems with speech
1366	ZV40.11	[V]Behavioural problems
2017	ZV40.13	[V]Psychological problems
13307	Eu53011	[X]Postnatal depression NOS
2107	1B9..00	Speech problem
9265	Eu46100	[X]Depersonalization - derealization syndrome
5346	E272.00	Tics
15483	E261100	Psychogenic cough
4023	E274111	Insomnia NOS
11778	Eu23200	[X]Acute schizophrenia-like psychotic disorder
2972	E2B0.00	Postviral depression
4377	E275100	Bulimia (non-organic overeating)
7743	E275.00	Other and unspecified non-organic eating disorders
15959	E263000	Psychogenic pruritus
4149	13HP200	Poor family relationship
17046	U2...00	[X]Intentional self-harm
11701	Ry16.00	[D]Slowness and poor responsiveness
11721	E274700	Somnambulism - sleep walking
12080	1BE1.00	Problem situation
8758	1BE..00	Life crisis
17378	U2...14	[X]Attempted suicide
36946	Eu50z00	[X]Eating disorder, unspecified
3869	E264400	Psychogenic dyspepsia
16093	E276.00	Non-organic enuresis

9656	Eu46011	[X]Fatigue syndrome
31014	Ry12.00	[D]Strange and inexplicable behaviour
14667	ZV40300	[V]Other behavioural problems
36992	E274300	Transient hypersomnia
2871	E264200	Cyclical vomiting - psychogenic
2923	62T1.00	Puerperal depression
3612	E2F..00	Specific delays in development
15515	E274100	Transient insomnia
16560	Eu45324	[X]Psychogenic IBS
4963	E264000	Psychogenic aerophagy
12830	Eu45322	[X]Psychogenic hyperventilat
10158	E264311	Spurious diarrhoea
17081	Eu45323	[X]Psychogenic freq micturit
15196	E273100	Head-banging
24283	Ry10.00	[D]Very low level of personal hygiene
17203	Eu50y12	[X]Psychogenic loss of appetite
23675	Eu5z.11	[X]Psychogenic physiological dysfunction NOS
23413	E261400	Psychogenic yawning
6796	Eu50511	[X]Psychogenic vomiting
8826	Eu33.15	[X]SAD - Seasonal affective disorder
12344	E272300	Gilles de la Tourette's disorder
20906	Eu45y12	[X]Globus hystericus
10982	E274311	Hypersomnia NOS
20053	E261300	Psychogenic hyperventilation
5067	E26z.00	Psychosomatic disorder NOS
33403	1B9Z.00	Speech problem NOS

APPENDIX 3: Psychotropic drug treatments prescribed before the index date

<i>Product</i>	<i>Name</i>	<i>Active drug</i>	<i>BNF code</i>
HYPNOTICS			
6361002	zopiclone tablets 3.75mg	zopiclone	4010100
6358001	ZIMOVANE tablets 7.5mg [AVENTIS]	zopiclone	4010100
6361001	zopiclone tablets 7.5mg	zopiclone	4010100
7296001	STILNOCT tablets 5mg [SANOFI S]	zolpidem tartrate	4010100
6422001	cloral betaine tablets 707mg	cloral betaine	4010100
7295001	zolpidem tablets 5mg	zolpidem tartrate	4010100
2361001	loprazolam tablets 1mg	loprazolam mesilate	4010100
2772001	nitrazepam tablets 5mg	nitrazepam	4010100
4007003	lormetazepam capsules 1mg	lormetazepam	4010100
2725001	WELLDORM tablets 707mg [ALPHASHOW]	cloral betaine	4010100
7296002	STILNOCT tablets 10mg [SANOFI S]	zolpidem tartrate	4010100
7295002	zolpidem tablets 10mg	zolpidem tartrate	4010100
4007001	lormetazepam tablets 0.5mg	lormetazepam	4010100
4007002	lormetazepam tablets 1mg	lormetazepam	4010100
4878002	triazolam tablets 250micrograms	triazolam	4010100
11725001	SONATA capsules 5mg [MEDA]	zaleplon	4010100
4878001	triazolam tablets 125micrograms	triazolam	4010100
10296001	ZIMOVANE LS tablets 3.75mg [AVENTIS]	zopiclone	4010100
11724001	zaleplon capsules 5mg	zaleplon	4010100
652001	NOCTEC capsules 500mg [SQUIBB]	chloral hydrate	4010100
4279001	nitrazepam tablets 10mg	nitrazepam	4010100
11724002	zaleplon capsules 10mg	zaleplon	4010100
11725002	SONATA capsules 10mg [MEDA]	zaleplon	4010100
1925001	triclofos elixir 500mg/5ml	triclofos sodium	4010100
4278001	nitrazepam capsules 5mg	nitrazepam	4010100
ANXIOLYTICS			
5175001	bupirone hydrochloride tablets 5mg	bupirone hydrochloride	4010200

3190003	chlordiazepoxide tablets 5mg	chlordiazepoxide hydrochloride	4010200
3190002	chlordiazepoxide capsules 10mg	chlordiazepoxide hydrochloride	4010200
3191001	chlordiazepoxide tablets 10mg	chlordiazepoxide hydrochloride	4010200
2986001	oxazepam tablets 10mg	oxazepam	4010200
3190001	chlordiazepoxide capsules 5mg	chlordiazepoxide hydrochloride	4010200
6225002	chlordiazepoxide hydrochloride tablets 10mg	chlordiazepoxide hydrochloride	4010200
2986002	oxazepam tablets 15mg	oxazepam	4010200
5176001	BUSPAR tablets 5mg [BRISTOL]	bupirone hydrochloride	4010200
5175002	bupirone hydrochloride tablets 10mg	bupirone hydrochloride	4010200
5176002	BUSPAR tablets 10mg [BRISTOL]	bupirone hydrochloride chlordiazepoxide	4010200
6225001	chlordiazepoxide hydrochloride tablets 5mg	chlordiazepoxide hydrochloride	4010200
967001	TRANXENE capsules 7.5mg [BOEH INGL]	dipotassium clorazepate	4010200
967002	TRANXENE capsules 15mg [BOEH INGL]	dipotassium clorazepate	4010200
3372002	clorazepate dipotassium capsules 15mg	dipotassium clorazepate	4010200
TRICYCLIC AND RELATED ANTIDEPRESSANT DRUGS			
1873002	PROTHIADEN tablets 75mg [TEOFARMA]	dosulepin hydrochloride	4030100
4000001	lofepramine tablets 70mg	lofepramine	4030100
1867001	GAMANIL tablets 70mg [MERCK]	lofepramine	4030100
4857001	trazodone capsules 50mg	trazodone hydrochloride	4030100
1873001	PROTHIADEN capsules 25mg [TEOFARMA]	dosulepin hydrochloride	4030100
3688002	dosulepin tablets 75mg	dosulepin hydrochloride	4030100
3688001	dosulepin capsules 25mg	dosulepin hydrochloride	4030100
1855002	ANAFRANIL capsules 25mg [NOVARTIS]	clomipramine hydrochloride	4030100
3074003	amitriptyline hydrochloride modified release capsules 75mg	amitriptyline hydrochloride	4030100
3691001	doxepin capsules 10mg	doxepin hydrochloride	4030100
3359002	clomipramine capsules 25mg	clomipramine hydrochloride	4030100
3359003	clomipramine capsules 50mg	clomipramine hydrochloride	4030100

1855003	ANAFRANIL capsules 50mg [NOVARTIS] amitriptyline hydrochloride modified release	clomipramine hydrochloride	4030100
3074001	capsules 25mg	amitriptyline hydrochloride	4030100
117003	BOLVIDON tablets 30mg [ORGANON]	mianserin hydrochloride	4030100
661003	NORVAL tablets 30mg [BENCARD]	mianserin hydrochloride	4030100
1513003	MOLIPAXIN tablets 150mg [AVENTIS]	trazodone hydrochloride	4030100
1855001	ANAFRANIL capsules 10mg [NOVARTIS]	clomipramine hydrochloride	4030100
3691002	doxepin capsules 25mg	doxepin hydrochloride	4030100
1863002	SURMONTIL tablets 25mg [AVENTIS]	trimipramine maleate	4030100
1863003	SURMONTIL capsules 50mg [AVENTIS]	trimipramine maleate	4030100
4857003	trazodone tablets 150mg	trazodone hydrochloride	4030100
4857002	trazodone capsules 100mg	trazodone hydrochloride	4030100
3359001	clomipramine capsules 10mg	clomipramine hydrochloride	4030100
4190001	mianserin tablets 10mg	mianserin hydrochloride	4030100
1513001	MOLIPAXIN capsules 50mg [AVENTIS]	trazodone hydrochloride	4030100
2181001	DOTHAPAX capsules 25mg [ASHBOURNE]	dosulepin hydrochloride	4030100
1865001	EVADYNE tablets 25mg [WYETH PHAR]	butriptyline hydrochloride	4030100
4892002	trimipramine maleate tablets 25mg	trimipramine maleate	4030100
1851002	LUDIOMIL tablets 25mg [NOV/CIBA]	maprotiline hydrochloride	4030100
3692001	doxepin capsules 75mg	doxepin hydrochloride	4030100
4190003	mianserin tablets 30mg	mianserin hydrochloride	4030100
1875003	SINEQUAN capsules 50mg [PFIZER]	doxepin hydrochloride	4030100
1851001	LUDIOMIL tablets 10mg [NOV/CIBA]	maprotiline hydrochloride	4030100
2277002	PREPADINE tablets 75mg [BERK]	dosulepin hydrochloride	4030100
4892003	trimipramine maleate capsules 50mg	trimipramine maleate	4030100
1852001	LUDIOMIL tablets 75mg [NOV/CIBA]	maprotiline hydrochloride	4030100
2365001	MOTIVAL tablets [SANOFI S]	Oral	
1513002	MOLIPAXIN capsules 100mg [AVENTIS] amitriptyline hydrochloride modified release	trazodone hydrochloride	4030100
3074002	capsules 50mg	amitriptyline hydrochloride	4030100
2181002	DOTHAPAX tablets 75mg [ASHBOURNE]	dosulepin hydrochloride	4030100
3691003	doxepin capsules 50mg	doxepin hydrochloride	4030100

4858001	trazodone sugar free oral solution 50mg/5ml	trazodone hydrochloride	4030100
3361001	clomipramine modified release tablet 75mg	clomipramine hydrochloride	4030100
5994002	amoxapine tablets 50mg	amoxapine	4030100
1875002	SINEQUAN capsules 25mg [PFIZER]	doxepin hydrochloride	4030100
1857001	ANAFRANIL SR tablets 75mg [NOVARTIS]	clomipramine hydrochloride	4030100
4190002	mianserin tablets 20mg	mianserin hydrochloride	4030100
5990002	ASENDIS tablets 50mg [WYETH PHAR]	amoxapine	4030100
5990003	ASENDIS tablets 100mg [WYETH PHAR]	amoxapine	4030100
		fluphenazine	
5369001	nortriptyline with fluphenazine tablets 10mg + 500micrograms	hydrochloride/nortriptyline hydrochloride	4030100
1861002	LENTIZOL capsules 50mg [PFIZER]	amitriptyline hydrochloride	4030100
MONOAMINE-OXIDASE INHIBITORS			
6250001	moclobemide tablets 150mg	moclobemide	4030200
6240001	MANERIX tablets 150mg [ROCHE]	moclobemide	4030200
SELECTIVE SEROTONIN RE-UPTAKE INHIBITORS			
8619001	citalopram tablets 20mg	citalopram hydrobromide	4030300
5552001	fluoxetine capsules 20mg	fluoxetine hydrochloride	4030300
6509001	paroxetine tablets 20mg	paroxetine hydrochloride	4030300
5509001	PROZAC capsules 20mg [LILLY]	fluoxetine hydrochloride	4030300
8619002	citalopram tablets 10mg	citalopram hydrobromide	4030300
6826001	sertraline tablets 50mg	sertraline hydrochloride	4030300
5552002	fluoxetine oral solution 20mg/5ml	fluoxetine hydrochloride	4030300
8604002	CIPRAMIL tablets 10mg [LUNDBECK]	citalopram hydrobromide	4030300
3507002	FAVERIN tablets 100mg [SOLVAY]	fluvoxamine maleate	4030300
6509002	paroxetine tablets 30mg	paroxetine hydrochloride	4030300
6510002	SEROXAT tablets 30mg [GLAXSK PHA]	paroxetine hydrochloride	4030300
6510001	SEROXAT tablets 20mg [GLAXSK PHA]	paroxetine hydrochloride	4030300
5552003	fluoxetine capsules 60mg	fluoxetine hydrochloride	4030300
8604001	CIPRAMIL tablets 20mg [LUNDBECK]	citalopram hydrobromide	4030300
6825001	LUSTRAL tablets 50mg [PFIZER]	sertraline hydrochloride	4030300
6510003	SEROXAT sugar-free suspension 20mg/10ml	paroxetine hydrochloride	4030300

[GLAXSK PHA]

8619003	citalopram tablets 40mg	citalopram hydrobromide	4030300
8328001	escitalopram tablets 10mg	escitalopram oxalate	4030300
8604003	CIPRAMIL tablets 40mg [LUNDBECK]	citalopram hydrobromide	4030300
1438001	escitalopram tablets 20mg	escitalopram oxalate	4030300
3507001	FAVERIN tablets 50mg [SOLVAY]	fluvoxamine maleate	4030300
6826002	sertraline tablets 100mg	sertraline hydrochloride	4030300
6825002	LUSTRAL tablets 100mg [PFIZER]	sertraline hydrochloride	4030300
6509003	paroxetine sugar-free suspension 20mg/10ml	paroxetine hydrochloride	4030300
11714001	CIPRALEX tablets 10mg [LUNDBECK]	escitalopram oxalate	4030300
3506001	fluvoxamine tablets 50mg	fluvoxamine maleate	4030300
3506002	fluvoxamine tablets 100mg	fluvoxamine maleate	4030300
1911001	CIPRALEX tablets 20mg [LUNDBECK]	escitalopram oxalate	4030300
12336001	escitalopram tablets 5mg	escitalopram oxalate	4030300
5509002	PROZAC liquid 20mg/5ml [LILLY]	fluoxetine hydrochloride	4030300
5509003	PROZAC capsules 60mg [LILLY]	fluoxetine hydrochloride	4030300
12337001	CIPRALEX tablets 5mg [LUNDBECK]	escitalopram oxalate	4030300
OTHER ANTIDEPRESSANT DRUGS			
11284001	ZISPIN tablets 30mg [ORGANON]	mirtazapine	4030400
103001	EFEXOR tablets 37.5mg [WYETH PHAR]	venlafaxine hydrochloride	4030400
11282001	mirtazapine tablets 30mg	mirtazapine	4030400
365002	FLUANXOL tablets 1mg [LUNDBECK]	flupentixol dihydrochloride	4030400
1663001	venlafaxine tablets 37.5mg	venlafaxine hydrochloride	4030400
365001	FLUANXOL tablets 0.5mg [LUNDBECK]	flupentixol dihydrochloride	4030400
103002	EFEXOR tablets 75mg [WYETH PHAR]	venlafaxine hydrochloride	4030400
1663002	venlafaxine tablets 75mg	venlafaxine hydrochloride	4030400
11223002	venlafaxine modified release capsules 150mg	venlafaxine hydrochloride	4030400
11163001	EDRONAX tablets 4mg [PHARMACIA]	reboxetine mesilate	4030400
11244001	EFEXOR XL modified release capsules 75mg [WYETH PHAR]	venlafaxine hydrochloride	4030400
11244002	EFEXOR XL modified release capsules 150mg [WYETH PHAR]	venlafaxine hydrochloride	4030400

11161001	reboxetine tablets 4mg	reboxetine mesilate	4030400
3495001	flupentixol tablets 500 micrograms	flupentixol dihydrochloride	4030400
11223001	venlafaxine modified release capsules 75mg	venlafaxine hydrochloride	4030400
3495002	flupentixol tablets 1mg	flupentixol dihydrochloride	4030400
8637002	DUTONIN tablets 200mg [BMS]	nefazodone hydrochloride	4030400
13018001	mirtazapine tablets 45mg	mirtazapine	4030400
13017001	mirtazapine tablets 15mg	mirtazapine	4030400
12312001	mirtazapine orodispersible tablet 15mg	mirtazapine	4030400
4900001	tryptophan tablets 500mg	tryptophan	4030400
8638001	nefazodone tablets 100mg	nefazodone hydrochloride	4030400
12053001	mirtazapine orodispersible tablet 30mg	mirtazapine	4030400
8638002	nefazodone tablets 200mg	nefazodone hydrochloride	4030400
1663003	venlafaxine tablets 50mg	venlafaxine hydrochloride	4030400
12313001	mirtazapine orodispersible tablet 45mg	mirtazapine	4030400
SEDATING ANTIHISTAMINES/HYPNOTICS			
6987001	diphenhydramine tablets 25mg	diphenhydramine hydrochloride	03040102/04010100
6987003	diphenhydramine tablets 50mg	diphenhydramine hydrochloride	03040102/04010100
744001	PHENERGAN tablets 10mg [AVENTIS]	promethazine hydrochloride	03040102/04010100/04060000
744002	PHENERGAN tablets 25mg [AVENTIS]	promethazine hydrochloride	03040102/04010100/04060000
4616002	promethazine hydrochloride tablets 25mg	promethazine hydrochloride	03040102/04010100/04060000
4616001	promethazine hydrochloride tablets 10mg	promethazine hydrochloride	03040102/04010100/04060000
744003	PHENERGAN elixir 5mg/5ml [AVENTIS]	promethazine hydrochloride	03040102/04010100/04060000
6297001	promethazine hydrochloride elixir 5mg/5ml	promethazine hydrochloride	03040102/04010100/04060000
SEDATING ANTIHISTAMINES/ANXIOLYTICS			
3809002	hydroxyzine tablets 25mg	hydroxyzine hydrochloride	03040102/04010200
3809001	hydroxyzine tablets 10mg	hydroxyzine hydrochloride	03040102/04010200
64001	ATARAX tablets 10mg [PFIZER]	hydroxyzine hydrochloride	03040102/04010200
64002	ATARAX tablets 25mg [PFIZER]	hydroxyzine hydrochloride	03040102/04010200
HYPNOTICS/ANXIOLYTICS/CONTROL OF EPILEPSY/SKELETAL MUSCLE RELAXANTS/ANXIOLYTICS AND NEUROLEPTICS (IN ANAESTHESIA)			

2783002	diazepam tablets 5mg	diazepam	04010100/04010200/04080100/10020200/15010401
2783001	diazepam tablets 2mg	diazepam	04010100/04010200/04080100/10020200/15010401
2783003	diazepam tablets 10mg	diazepam	04010100/04010200/04080100/10020200/15010401
3590002	diazepam capsules 2mg	diazepam	04010100/04010200/04080100/10020200/15010401
3590003	diazepam capsules 5mg	diazepam	04010100/04010200/04080100/10020200/15010401
2784001	diazepam elixir 2mg/5ml	diazepam	04010100/04010200/04080100/10020200/15010401
HYPNOTICS/ALCOHOL DEPENDENCE			
3293001	clomethiazole capsules 192mg	clomethiazole	04010100/04100100
431001	HEMINEVRIN capsules 192mg [ASTRAZENECA]	clomethiazole	04010100/04100100
HYPNOTICS/ANXIOLYTICS AND NEUROLEPTICS (IN ANAESTHESIA)			
4784001	temazepam capsules 10mg	temazepam	04010100/15010401
5188002	temazepam tablets 10mg	temazepam	04010100/15010401
5188003	temazepam tablets 20mg	temazepam	04010100/15010401
4784002	temazepam capsules 20mg	temazepam	04010100/15010401
5779001	TEMAZEPAM PLANPAK capsules [???	temazepam	04010100/15010401
5188001	temazepam sugar free elixir 10mg/5ml	temazepam	04010100/15010401
4784003	temazepam capsules 15mg	temazepam	04010100/15010401
HYPNOTICS/UNLICENSED PRODUCT			
8196001	melatonin capsules 3mg	melatonin	04010100/23010000
ANXIOLYTICS/CONTROL OF EPILEPSY			
3351001	clobazam capsules 10mg	clobazam	04010200/04080100
3351002	clobazam tablets 10mg	clobazam	04010200/04080100
377001	FRISIUM capsules 10mg [AVENTIS]	clobazam	04010200/04080100
ANXIOLYTICS/DRUGS USED IN STATUS EPILEPTICUS/SKELETAL MUSCLE RELAXANTS/ANXIOLYTICS AND NEUROLEPTICS (IN ANAESTHESIA)/FEBRILE CONVULSIONS			
2466002	STESOLID rectal tubes 10mg [ACTAVIS]	diazepam	04010200/04080200/10020200/15010401/04080300
2466001	STESOLID rectal tubes 5mg [ACTAVIS]	diazepam	04010200/04080200/10020200/15010401/04080300
294001	DIAZEPAM RECTUBES rectal tubes 5mg [CP PHARM]	diazepam	04010200/04080200/10020200/15010401/04080300
3592002	diazepam rectal tubes 10mg	diazepam	04010200/04080200/10020200/15010401/04080300
294002	DIAZEPAM RECTUBES rectal tubes 10mg [CP PHARM]	diazepam	04010200/04080200/10020200/15010401/04080300

3591002	diazepam suppository 10mg	diazepam	04010200/04080200/10020200/15010401/04080300
3592001	diazepam rectal tubes 5mg	diazepam	04010200/04080200/10020200/15010401/04080300
ANXIOLYTICS/SKELETAL MUSCLE RELAXANTS			
4101002	meprobamate tablets 400mg	meprobamate	04010200/10020200
4101001	meprobamate tablets 200mg	meprobamate	04010200/10020200
3296001	chlormezanone tablets 200mg	chlormezanone	04010200/10020200
2786001	lorazepam tablets 1mg	lorazepam	04010200/15010401
2786002	lorazepam tablets 2.5mg	lorazepam	04010200/15010401
ANTIPSYCHOTIC DRUGS/TRICYCLIC AND RELATED ANTIDEPRESSANT DRUGS			
982002	TRIPTAFEN M tablets 2mg + 10mg [GOLDSHIELD]	amitriptyline hydrochloride/perphenazine	04020100/04030100
982001	TRIPTAFEN tablets 2mg + 25mg [GOLDSHIELD]	amitriptyline hydrochloride/perphenazine	04020100/04030100
5296002	amitriptyline hydrochloride with perphenazine tablets 25mg + 2mg	amitriptyline hydrochloride/perphenazine	04020100/04030100
719001	PARSTELIN tablets [GLAXSK CON]		
TRICYCLIC AND RELATED ANTIDEPRESSANT DRUGS/NEUROPATHIC PAIN/PROPHYLAXIS OF MIGRAINE/DRUGS FOR URINARY FREQUENCY, ENURESIS & INCONTINENCE			
2776002	amitriptyline hydrochloride tablets 25mg	amitriptyline hydrochloride	04030100/04070300/04070402/07040200
2776003	amitriptyline hydrochloride tablets 50mg	amitriptyline hydrochloride	04030100/04070300/04070402/07040200
2776001	amitriptyline hydrochloride tablets 10mg	amitriptyline hydrochloride	04030100/04070300/04070402/07040200
1869002	TRYPTIZOL tablets 25mg [M S D]	amitriptyline hydrochloride	04030100/04070300/04070402/07040200
1869001	TRYPTIZOL tablets 10mg [M S D]	amitriptyline hydrochloride	04030100/04070300/04070402/07040200
1869003	TRYPTIZOL tablets 50mg [M S D]	amitriptyline hydrochloride	04030100/04070300/04070402/07040200
TRICYCLIC AND RELATED ANTIDEPRESSANT DRUGS/NEUROPATHIC PAIN/PROPHYLAXIS OF MIGRAINE/DRUGS FOR URINARY FREQUENCY, ENURESIS & INCONTINENCE/UNLICENSED MEDICINAL PRODUCT (SPECIALS)			
1871001	TRYPTIZOL sugar free mixture 10mg/5ml [M S D]	amitriptyline hydrochloride	04030100/04070300/04070402/07040200/23000000
7191003	amitriptyline hydrochloride sugar free oral solution 10mg/5ml	amitriptyline hydrochloride	04030100/04070300/04070402/07040200/23000000
TRICYCLIC AND RELATED ANTIDEPRESSANT DRUGS/NEUROPATHIC PAIN/DRUGS FOR URINARY FREQUENCY, ENURESIS & INCONTINENCE			
4303001	nortriptyline tablets 10mg	nortriptyline hydrochloride	04030100/04070300/07040200
4304002	nortriptyline capsules 25mg	nortriptyline hydrochloride	04030100/04070300/07040200

2887001	imipramine tablets 10mg	imipramine hydrochloride	04030100/07040200
1859002	TOFRANIL tablets 25mg [NOVARTIS]	imipramine hydrochloride	04030100/07040200
2887002	imipramine tablets 25mg	imipramine hydrochloride	04030100/07040200
1859003	TOFRANIL syrup 25mg/5ml [NOVARTIS]	imipramine hydrochloride	04030100/07040200
OTHER ANTIDEPRESSANT DRUGS/DRUGS FOR URINARY FREQUENCY, ENURESIS & INCONTINENCE/TREATMENT OF DIABETIC NEPHROPATHY AND NEUROPATHY			
12664001	YENTREVE gastro-resistant capsules 20mg [LILLY]	duloxetine hydrochloride	04030400/07040200/06010500
13003001	CYMBALTA gastro-resistant capsules 60mg [LILLY]	duloxetine hydrochloride	04030400/07040200/06010500
13001001	duloxetine gastro-resistant capsules 60mg	duloxetine hydrochloride	04030400/07040200/06010500