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SAMPLE

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2013 Annual Practice Report

Pharmaceutical and Laboratory Test Utilisation

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Methods

The data in this report is based on three of the Ministry of Health's National Collections. The collections used in this report contain data provided to Sector Services (formerly HealthPAC) and National Collections and Reporting through the General Transaction Processing System:

- The **Pharmaceutical Collection** holds claim data submitted by pharmacies for all dispensings of subsidised medicines.
- The **Laboratory Claims Collection** contains claim data for laboratory tests performed in community laboratories. Laboratory tests performed in hospitals are not included in this collection.
- The **Primary Health Organisation Enrolment Collection** holds patient enrolment data for 4.25 million patients registered to 1065 New Zealand general practices.

As our data is provided by the Ministry of Health, bpac^{nz} has no control over errors which may occur at the pharmacy, laboratory, Sector Services or Ministry of Health. Some errors may also be due to rounding.

In this report, cost is the standard price at which a medicine is supplied to wholesalers, exclusive of GST, dispensing fees, markup and rebates.

Data has been excluded for patients who are not registered to a practice in the PHO Enrolment Collection. Enrolled patients accounted for 98% of pharmaceutical dispensings and 99% of laboratory investigations recorded in the National Collections. Therefore data has also been excluded when a National Health Index (NHI) number was not recorded for the patient.

This report includes data on dispensed subsidised medicines. Any medicines prescribed to your patients that were not dispensed by a community pharmacy, or are unsubsidised, will not appear on this report.



Important Note

Some medicines dispensed and tests performed for your registered patients are likely to have been prescribed, or requested by New Zealand healthcare professionals who do not work at your practice, and will not necessarily be listed if you audit your Practice Management System. They are included in this report to provide you with an overall view of the care received by your registered patients.

Welcome to your annual practice report

This report has been developed to give you an opportunity to reflect on the treatment received by patients registered at your practice in the past year. It summarises the medicines dispensed and laboratory tests requested for those patients between 1 July, 2012 and 30 June, 2013.



Quick facts for Sample Medical Centre

Between July, 2012 and June, 2013

Total cost of subsidised dispensed medicines for your registered patients

\$305,944.21

Percent of registered patients dispensed at least one medicine

81%

Total number of laboratory tests requested for your registered patients

10,859

Percent of registered patients with at least one test in a community laboratory

57%

Most used medicines and laboratory tests

In this section the data shows the number of prescription items per 1000 registered patients and, in brackets, the actual number of items or tests. The National column shows the national ranking and number of items or tests per 1000 patients in New Zealand.

Your practice's top 20 medicines dispensed	Your Patients	National
1 Paracetamol	610.8 (1160)	1 607.1
2 Aspirin	430.8 (818)	2 514.1
3 Omeprazole	415.5 (789)	3 428.9
4 Amoxicillin	359.7 (683)	10 241.2
5 Simvastatin	316.5 (601)	6 369.4
6 Cilazapril	290.2 (551)	9 243.5
7 Amoxicillin clavulanate	264.3 (502)	17 171.6
8 Diclofenac sodium	258.6 (491)	26 131.0
9 Salbutamol	248.6 (472)	7 276.6
10 Metoprolol succinate	243.3 (462)	5 374.1
11 Atorvastatin	220.6 (419)	8 276.1
12 Bendroflumethiazide	175.9 (334)	29 118.3
13 Ibuprofen	153.2 (291)	15 191.6
14 Fluticasone propionate	126.4 (240)	39 90.7
15 Levothyroxine	121.6 (231)	16 171.9
16 Felodipine	117.4 (223)	18 159.0
17 Allopurinol	116.9 (222)	27 127.2
18 Metformin hydrochloride	111.6 (212)	13 204.3
19 Hydrocortisone with natamycin ar	111.1 (211)	86 39.3
20 Budesonide with eformoterol	106.9 (203)	55 68.6

Your practice's top 20 laboratory tests	Your Patients	National
1 Complete blood count (CBC)	565.0 (1073)	1 527.4
2 Creatinine, serum	561.3 (1066)	2 473.4
3 Liver function group	449.7 (854)	4 344.0
4 Glycosylated haemoglobin	439.7 (835)	5 299.6
5 Fasting lipid group test	361.2 (686)	6 292.9
6 Plasma prothrombin ratio	298.6 (567)	10 177.0
7 Sodium & Potassium, serum	294.4 (559)	3 404.1
8 Ferritin, serum	242.2 (460)	8 235.0
9 Thyroid stimulating hormone, seri	230.1 (437)	7 250.2
10 C-reactive protein test	189.6 (360)	9 192.1
11 Urine culture	165.4 (314)	12 158.8
12 Folate plus Vitamin B12, serum	158.5 (301)	13 124.2
13 Prostate Specific Antigen	143.8 (273)	17 84.4
14 Serum glucose	116.4 (221)	11 163.2
15 Cervical Screening (NCSP)	111.1 (211)	15 102.8
16 Autoantibodies, other	107.4 (204)	27 47.3
17 Urea, serum	91.1 (173)	18 78.7
18 Urate or uric acid, serum	67.9 (129)	14 107.9
19 Histology (per accession)	65.8 (125)	26 49.0
20 Erythrocyte sedimentation rate (E'	55.8 (106)	25 49.4


Comparing the care received by your patients

How do the medicines dispensed and laboratory tests requested for the registered patients at your practice differ from other New Zealand practices?

To answer this question, the data below have been adjusted to account for the major differences in practice populations (i.e. age, sex, ethnicity, deprivation) and for medicines dispensed (i.e. therapeutic group) to account for morbidity.

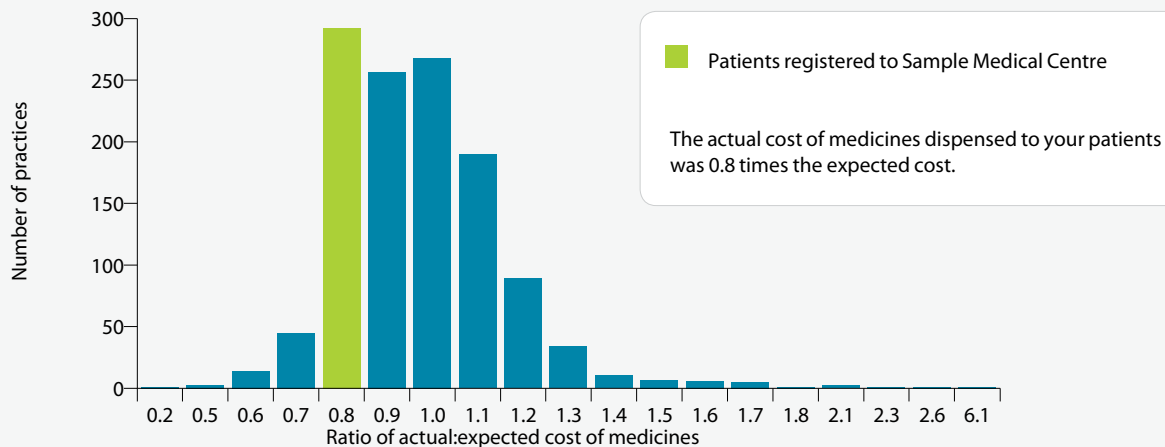
This gives the ratio between the medicines and tests your patients received, and what would be expected if there were no differences in the underlying population between them and any other New Zealand practice.

For pharmaceuticals, cost has been adjusted, because this takes into account the number of dispensings, quantity, strength and formulation of medicines. For laboratory tests, number of tests has been adjusted, because laboratories are bulk funded and the actual cost of tests is not readily available.

 For more information about indirect standardisation see: www.indicators.scot.nhs.uk/TrendsJuly09/Standard.htm

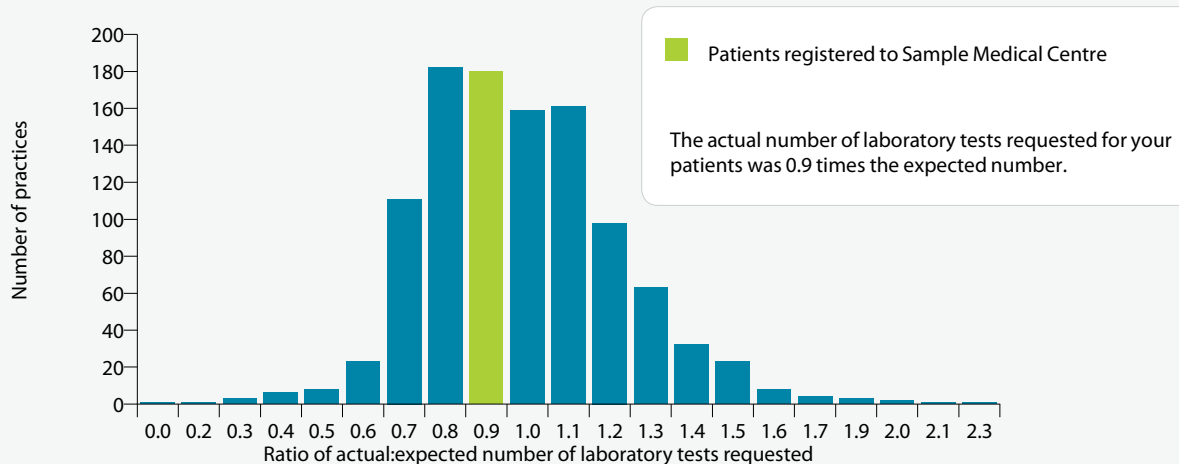
Distribution of practices by actual:expected cost of dispensed medicines

Where does your practice's population fall in the distribution?



Distribution of practices by actual:expected number of laboratory tests

Where does your practice's population fall in the distribution?



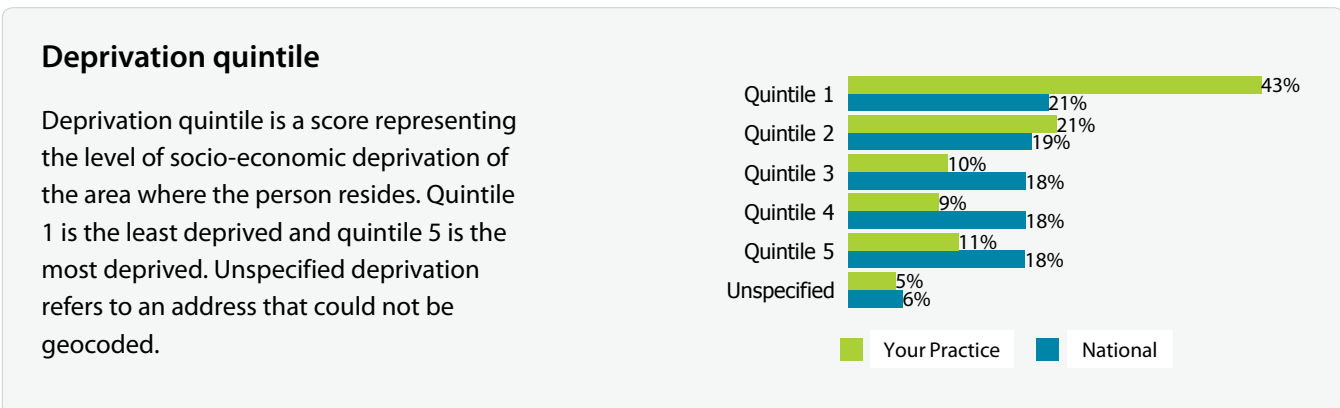
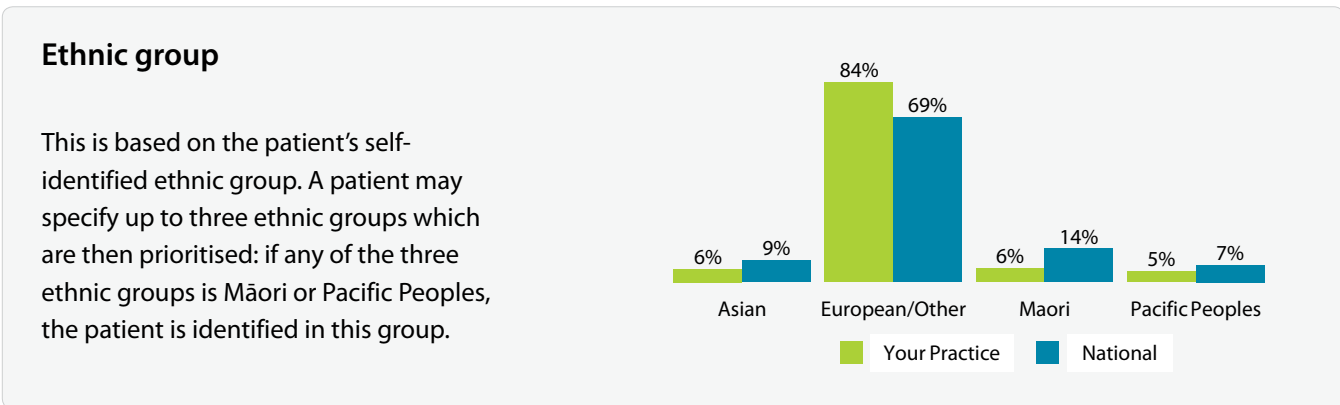
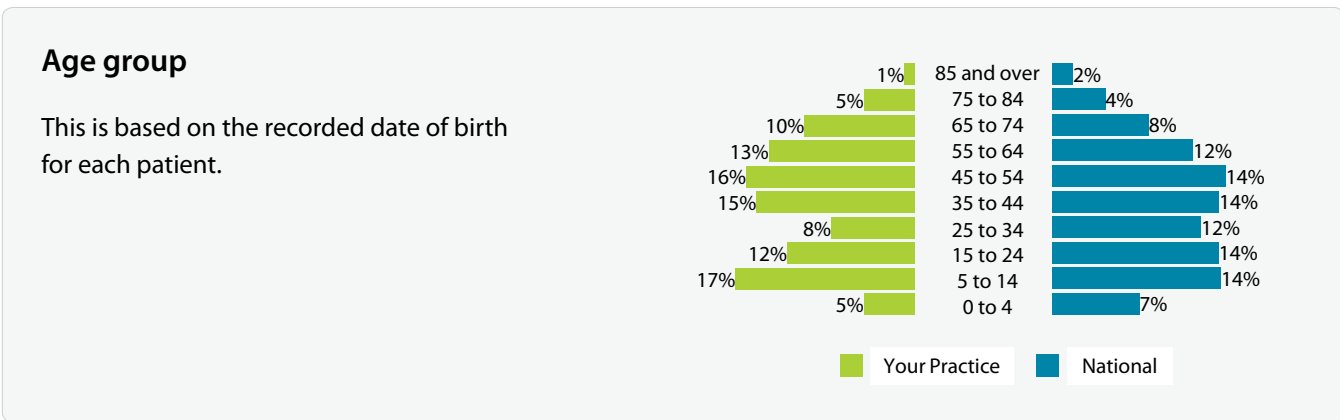
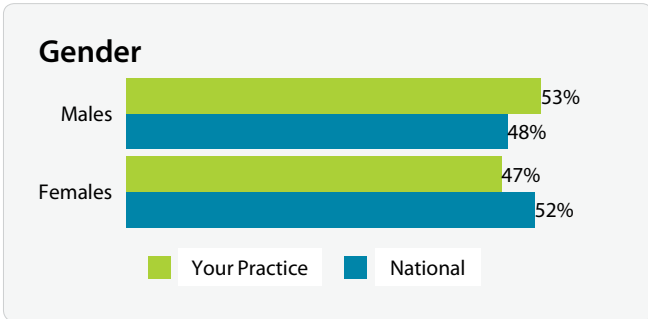
Demographics of your registered patients

This section describes the demographic characteristics of the registered population of your practice, compared to the demographics of all registered patients in New Zealand. The data in this section is taken from the fourth quarter 2012 enrolment registers provided to bpac^{nz} by the Ministry of Health.

Number of patients

Patients registered to your practice **1,899**

Mean number of registered patients per practice in New Zealand **3,993**



Key reporting messages from the past 12 months

This section contains a selection of topics that have appeared in bpac^{nz} publications over the past 12 months.



BPJ 54, August

Appropriate use of amoxicillin clavulanate

Amoxicillin clavulanate is a broad spectrum antibiotic which is used frequently in New Zealand general practice. While it is an important and effective medicine, its use must be reserved for specific indications in order to reduce the rate of antimicrobial resistant infections.

bpac^{nz} analysis showed that amoxicillin clavulanate accounted for 18% of all national antibiotic dispensings in 2012. We would expect this percentage to be less.

 For further information see: www.bpac.org.nz/Report/2013/August/amoxicillin-clavulanate.aspx

To help combat antimicrobial resistance it is important to optimise the use of our currently available antimicrobial medicines by preserving them for only when they are absolutely required, prescribing the right antibiotic for the right condition and susceptibility, at the right dose and duration, educating patients to follow instructions for use and improving surveillance and access to resistance data. In July, 2013, bpac^{nz} released an updated guide: "Antibiotics choices for common infections", intended to aid selection of an appropriate antibiotic for typical patients with infections commonly seen in general practice. Individual patient circumstances and local resistance patterns may alter treatment choices.

 For further information see: www.bpac.org.nz/BPJ/2013/June/upfront.aspx and www.bpac.org.nz/Supplement/2013/July/antibiotics-guide.aspx



Report, June

Laboratory testing for isotretinoin

Oral isotretinoin is a highly effective treatment for severe acne, however, it is associated with a number of adverse effects, therefore baseline and ongoing monitoring of patients is essential for the safe use of isotretinoin. Since 2009 isotretinoin has been available for General Practitioners to prescribe, fully subsidised with Special Authority criteria.

bpac^{nz} research found that between July, 2011 and June, 2012 over half of all dispensings of isotretinoin were prescribed by General Practitioners. During this same time period only 47% of patients had all three baseline tests (blood count, fasting lipids and liver function tests) as recommended.

 For further information see: www.bpac.org.nz/Report/2013/June/isotretinoin.aspx



Report, December

Using HbA_{1c} to diagnose diabetes

In late 2011, the New Zealand Society for the Study of Diabetes (NZSSD) issued a position statement recommending the use of HbA_{1c} for the diagnosis of diabetes, in preference to fasting plasma glucose, in most situations. Analysis of laboratory data showed that in the nine months following the change in recommendations, HbA_{1c} testing for people without diagnosed diabetes increased by 98% compared with the nine months before, while glucose testing decreased by only 16%. Some practitioners may be requesting both tests, which is unnecessary in most cases. We would expect glucose testing in patients without diagnosed diabetes to continue to decline until there are many more HbA_{1c} tests than glucose tests. We will be measuring these results again in the next 12 months to monitor progress.

 For further information see: www.bpac.org.nz/Report/2012/December/diabetesDiagnose.aspx



Report, October

Laboratory investigation of infectious diarrhoea

Over the past five years, the number of tests for infectious diarrhoea has decreased across the three tests bpac^{nz} monitored using data from the Ministry of Health National Collections. It shows that in 2011, there were 32% fewer faecal culture and ova and cysts tests ordered, and 27% fewer giardia tests ordered than in 2007.

The five key recommendations for laboratory investigations of infectious diarrhoea are:

1. Laboratory investigations are not routine for people with infectious diarrhoea
2. Testing for giardia and cryptosporidium should only be requested if there are risk factors
3. Testing for ova and cysts is rarely indicated
4. If laboratory testing is indicated, faecal culture is the first-line test
5. When faecal culture testing is requested, a single stool sample should be tested

 For further information see: www.bpac.org.nz/Report/2012/October/diarrhoea.aspx



Report, October

Polypharmacy in people aged over 75 years

The use of multiple medicines in older people with co-morbidities can be beneficial. However, when the number of medicines concurrently used reaches five or more there is an increased risk of medicine errors and adverse effects.

Analysis conducted by bpac^{nz} found that in New Zealand, 9% of all patients aged over 75 years were prescribed medicines by more than five health providers, and 63% of those patients had polypharmacy (five or more medicines). This represents a vulnerable patient group, who would benefit from individual management of their medicines.

 For further information see: www.bpac.org.nz/Report/2012/October/polypharmacy75.aspx

See more online at www.bpac.org.nz

Dispensed subsidised medicines

In this section, the data shown for your patients is the number of prescription items dispensed per 1000 registered patients and, in brackets, the actual number of items dispensed for your registered patients. For comparison, the National column shows the rate per 1000 patients in New Zealand.

Alimentary Tract and Metabolism			
Antacids and Antiflatulants	Your Patients	National	
Alginic acid	2.6 (5)	1.4	
Aluminium hydroxide	0.0 (0)	3.6	
Calcium carbonate with aminoacetic acid	0.0 (0)	0.6	
Simethicone	2.6 (5)	7.4	
Sodium alginate	6.3 (12)	3.3	
Antidiarrhoeals	Your Patients	National	
Budesonide	0.0 (0)	0.4	
Diphenoxylate hydrochloride with atropine sulphate	15.8 (30)	2.5	
Hydrocortisone acetate	1.1 (2)	1.0	
Loperamide hydrochloride	24.2 (46)	27.0	
Mesalazine	21.1 (40)	20.0	
Olsalazine	0.0 (0)	0.7	
Sodium cromoglycate	0.0 (0)	0.2	
Sulphasalazine	10.0 (19)	7.0	
Antihaemorrhoidals	Your Patients	National	
Fluocortolone caproate with fluocortolone pivalate and cinchocaine	11.1 (21)	16.3	
Hydrocortisone with cinchocaine	1.1 (2)	6.7	
Antispasmodics and Other Agents Altering Gut Motility	Your Patients	National	
Atropine sulphate	0.0 (0)	0.0	
Hyoscine N-butylbromide	5.8 (11)	12.9	
Mebeverine hydrochloride	0.5 (1)	2.8	
Antitumorals	Your Patients	National	
Cimetidine	0.0 (0)	0.6	
Clarithromycin	0.5 (1)	1.6	
Famotidine	0.0 (0)	1.0	
Lansoprazole	16.9 (32)	18.7	
Misoprostol	0.0 (0)	0.3	
Omeprazole	415.5 (789)	429.0	
Pantoprazole	35.8 (68)	73.0	
Ranitidine hydrochloride	5.8 (11)	34.3	
Sucralfate	0.0 (0)	0.4	
Diabetes	Your Patients	National	
Acarbose	10.0 (19)	6.2	
Glibenclamide	0.0 (0)	2.6	
Gliclazide	26.9 (51)	61.0	
Glipizide	34.8 (66)	32.2	
Glucagon hydrochloride	5.3 (10)	1.7	
Insulin aspart	23.2 (44)	25.5	
Insulin aspart with insulin aspart protamine	0.0 (0)	1.7	
Insulin glargine	22.1 (42)	36.4	

Alimentary Tract and Metabolism (cont)			
Diabetes (cont)	Your Patients	National	
Insulin glulisine	0.0 (0)	1.6	
Insulin isophane	41.1 (78)	33.5	
Insulin isophane with insulin neutral	10.5 (20)	21.5	
Insulin lispro	7.9 (15)	11.4	
Insulin lispro with insulin lispro protamine	0.0 (0)	12.6	
Insulin neutral	1.6 (3)	3.0	
Metformin hydrochloride	111.6 (212)	204.3	
Pioglitazone	6.3 (12)	7.8	
Diabetes Management	Your Patients	National	
Blood glucose diagnostic test meter	13.2 (25)	15.3	
Blood glucose diagnostic test strip	93.7 (178)	117.6	
Blood glucose test strips (visually impaired)	0.0 (0)	0.1	
Blood ketone diagnostic test meter	0.0 (0)	0.1	
Insulin pen needles	11.6 (22)	18.7	
Insulin pump	0.5 (1)	0.1	
Insulin pump accessories	1.6 (3)	0.1	
Insulin pump infusion set (steel cannula)	2.1 (4)	0.1	
Insulin pump infusion set (teflon cannula, angle insertion)	0.0 (0)	0.1	
Insulin pump infusion set (teflon cannula, angle insertion with insertion device)	0.0 (0)	0.0	
Insulin pump infusion set (teflon cannula, straight insertion)	0.0 (0)	0.0	
Insulin pump infusion set (teflon cannula, straight insertion with insertion device)	0.0 (0)	0.1	
Insulin pump reservoir	1.6 (3)	0.3	
Insulin syringes, disposable with attached needle	2.6 (5)	2.1	
Ketone blood beta-ketone electrodes	7.9 (15)	1.2	
Sodium nitroprusside	0.0 (0)	0.3	
Digestives Including Enzymes	Your Patients	National	
Pancreatic enzyme	0.0 (0)	4.2	
Ursodeoxycholic acid	5.8 (11)	1.3	
Laxatives	Your Patients	National	
Bisacodyl	34.2 (65)	9.0	
Danthron with poloxamer	0.0 (0)	0.3	
Docusate sodium	0.5 (1)	6.8	
Docusate sodium with sennosides	59.5 (113)	135.6	
Glycerol	0.0 (0)	2.5	
Ispaghula (psyllium) husk	2.6 (5)	4.8	
Lactulose	52.1 (99)	54.4	
Macrogol 3350	29.0 (55)	15.2	
Mucilaginous laxatives	5.8 (11)	14.5	
Mucilaginous laxatives with stimulants	0.0 (0)	1.5	

Alimentary Tract and Metabolism (cont)

Laxatives (cont)	Your Patients		National
Poloxamer	0.5	(1)	1.0
Senna	0.0	(0)	2.7
Sodium acid phosphate	1.1	(2)	1.6
Sodium citrate with sodium lauryl sulphoacetate	13.2	(25)	6.5
Local preparations for Anal and Rectal Disorders	Your Patients		National
Fluocortolone caproate with fluocortolone pivalate and cinchocaine	1.6	(3)	5.7
Glyceryl trinitrate	0.0	(0)	0.1
Hydrocortisone with cinchocaine	0.0	(0)	1.9
Metabolic Disorder Agents	Your Patients		National
Imiglucerase	0.0	(0)	0.0
Minerals	Your Patients		National
Calcium carbonate	25.3	(48)	64.9
Calcium gluconate	0.0	(0)	0.0
Ferrous fumarate	23.7	(45)	56.9
Ferrous fumarate with folic acid	1.6	(3)	7.6
Ferrous sulphate	6.3	(12)	19.8
Ferrous sulphate with folic acid	0.0	(0)	3.4
Iron polymaltose	0.0	(0)	1.8
Magnesium sulphate	0.0	(0)	0.0
Potassium iodate	10.5	(20)	18.8
Sodium fluoride	0.0	(0)	0.0
Zinc sulphate	1.6	(3)	4.8
Mouth and Throat	Your Patients		National
Amphotericin B	0.5	(1)	2.0
Benzydamine hydrochloride	4.7	(9)	1.4
Chlorhexidine gluconate	3.7	(7)	3.2
Choline salicylate with cetalkonium chloride	0.0	(0)	1.2
Hydrogen peroxide	0.0	(0)	0.0
Miconazole	0.0	(0)	2.5
Nystatin	11.6	(22)	8.9
Sodium carboxymethylcellulose	0.0	(0)	0.3
Thymol glycerin	0.0	(0)	0.1
Triamcinolone acetonide	6.8	(13)	4.6
Vitamins	Your Patients		National
Alfacalcidol	0.0	(0)	1.5
Ascorbic acid	1.1	(2)	13.9
Calcitriol	2.6	(5)	12.3
Cholecalciferol	79.5	(151)	207.6
Hydroxocobalamin	29.5	(56)	22.0
Pyridoxine hydrochloride	2.1	(4)	7.4
Thiamine hydrochloride	0.0	(0)	22.3
Vitamin A with vitamins D and C	0.0	(0)	2.0
Vitamin B complex	0.0	(0)	10.8
Vitamins	34.8	(66)	80.1

Blood and Blood Forming Organs

Antianaemics	Your Patients		National
Erythropoietin alpha	0.0	(0)	0.3
Erythropoietin beta	0.0	(0)	9.0
Folic acid	48.4	(92)	69.6
Antifibrinolytics, Haemostatics and Local Sclerosants	Your Patients		National
Phytomenadione	1.6	(3)	0.3
Tranexamic acid	9.0	(17)	8.9
Antithrombotic Agents	Your Patients		National
Aspirin	430.8	(818)	514.1
Clopidogrel	13.2	(25)	40.9
Dabigatran	15.8	(30)	31.2
Dipyridamole	35.8	(68)	28.1
Enoxaparin sodium	3.2	(6)	4.5
Heparinised saline	0.0	(0)	0.1
Heparin sodium	0.0	(0)	0.9
Prasugrel	0.0	(0)	0.1
Rivaroxaban	0.0	(0)	0.3
Warfarin sodium	94.3	(179)	76.8
Blood Colony-stimulating Factors	Your Patients		National
Filgrastim	1.1	(2)	0.6
Fluids and Electrolytes	Your Patients		National
Calcium polystyrene sulphonate	0.0	(0)	0.3
Compound electrolytes	15.3	(29)	11.3
Dextrose	0.0	(0)	0.0
Dextrose with electrolytes	6.3	(12)	13.2
Potassium bicarbonate	0.5	(1)	0.5
Potassium chloride	27.9	(53)	32.8
Sodium bicarbonate	0.0	(0)	2.3
Sodium chloride	1.6	(3)	2.9
Sodium polystyrene sulphonate	0.0	(0)	0.1
Total parenteral nutrition (TPN)	0.0	(0)	0.9
Water	0.0	(0)	4.3
Iron Overload	Your Patients		National
Deferiprone	0.0	(0)	0.0
Desferrioxamine mesylate	0.0	(0)	0.0

Cardiovascular System

Agents Affecting the Renin-Angiotensin System	Your Patients		National
Candesartan cilexetil	73.7	(140)	84.2
Captopril	0.0	(0)	2.9
Cilazapril	290.2	(551)	243.5
Cilazapril with hydrochlorothiazide	74.8	(142)	77.1
Enalapril maleate	6.3	(12)	36.5
Enalapril maleate with hydrochlorothiazide	2.1	(4)	1.2
Lisinopril	4.7	(9)	12.9
Losartan potassium	15.8	(30)	39.4
Losartan potassium with hydrochlorothiazide	7.4	(14)	7.2
Perindopril	0.0	(0)	1.0
Quinapril	34.8	(66)	154.4

Cardiovascular System (cont)

Agents Affecting the Renin-Angiotensin System (cont)	Your Patients	National
Quinapril with hydrochlorothiazide	18.4 (35)	35.1
Trandolapril	0.0 (0)	0.1
Alpha Adrenoceptor Blockers	Your Patients	National
Doxazosin	66.9 (127)	74.0
Phenoxybenzamine hydrochloride	0.0 (0)	0.0
Prazosin	0.0 (0)	0.8
Terazosin	7.9 (15)	30.7
Antiarrhythmics	Your Patients	National
Amiodarone hydrochloride	16.3 (31)	14.7
Atropine sulphate	0.0 (0)	0.0
Digoxin	9.5 (18)	54.2
Disopyramide phosphate	0.0 (0)	0.2
Flecainide acetate	26.3 (50)	10.9
Hyoscine N-butylbromide	3.2 (6)	6.1
Mebeverine hydrochloride	0.5 (1)	1.3
Mexiletine hydrochloride	0.0 (0)	0.0
Propafenone hydrochloride	0.0 (0)	0.3
Antihypotensives	Your Patients	National
Midodrine	0.0 (0)	0.9
Beta Adrenoceptor Blockers	Your Patients	National
Atenolol	34.2 (65)	30.1
Bisoprolol	4.7 (9)	6.1
Carvedilol	11.1 (21)	27.7
Celiprolol	5.3 (10)	11.3
Labetalol	0.0 (0)	3.8
Metoprolol succinate	243.3 (462)	374.1
Metoprolol tartrate	0.0 (0)	4.2
Nadolol	3.2 (6)	7.3
Pindolol	6.8 (13)	1.4
Propranolol	6.8 (13)	14.4
Sotalol	10.0 (19)	9.8
Timolol maleate	0.0 (0)	0.3
Calcium Channel Blockers	Your Patients	National
Amlodipine	21.6 (41)	75.7
Diltiazem hydrochloride	63.7 (121)	99.1
Felodipine	117.4 (223)	159.0
Isradipine	0.0 (0)	0.5
Nifedipine	0.0 (0)	6.9
Perhexiline maleate	0.0 (0)	3.3
Verapamil hydrochloride	11.6 (22)	12.0
Centrally Acting Agents	Your Patients	National
Clonidine	0.5 (1)	3.0
Clonidine hydrochloride	6.3 (12)	8.5
Methyldopa	0.0 (0)	1.5
Diuretics	Your Patients	National
Amiloride hydrochloride	0.0 (0)	0.1
Amiloride hydrochloride with furosemide	0.0 (0)	1.2
Amiloride hydrochloride with hydrochlorothiazide	0.0 (0)	4.9

Cardiovascular System (cont)

Diuretics (cont)	Your Patients	National
Bendroflumethiazide [Bendrofluazide]	175.9 (334)	118.3
Bumetanide	7.4 (14)	5.6
Chlorothiazide	0.0 (0)	0.0
Chlorthalidone [Chlorthalidone]	0.0 (0)	3.4
Furosemide [Frusemide]	86.9 (165)	200.4
Indapamide	11.6 (22)	6.7
Spironolactone	14.2 (27)	41.5
Lipid-Modifying Agents	Your Patients	National
Acipimox	0.0 (0)	0.5
Atorvastatin	220.6 (419)	276.2
Bezafibrate	5.8 (11)	25.1
Cholestyramine	3.2 (6)	0.3
Cholestyramine with aspartame	3.2 (6)	0.2
Colestipol hydrochloride	0.5 (1)	0.6
Ezetimibe	19.5 (37)	38.1
Ezetimibe with simvastatin	11.1 (21)	4.0
Gemfibrozil	0.0 (0)	0.8
Nicotinic acid	0.0 (0)	3.1
Pravastatin	5.8 (11)	5.2
Simvastatin	316.5 (601)	369.4
Nitrates	Your Patients	National
Glyceryl trinitrate	17.9 (34)	20.9
Isosorbide mononitrate	15.8 (30)	74.3
Sympathomimetics	Your Patients	National
Adrenaline	0.0 (0)	0.3
Vasodilators	Your Patients	National
Ambrisentan	0.0 (0)	0.0
Bosentan	0.0 (0)	0.1
Iloprost	0.0 (0)	0.0
Minoxidil	0.0 (0)	0.0
Nicorandil	0.0 (0)	0.2
Papaverine hydrochloride	0.0 (0)	0.0
Pentoxifylline [Oxpentifylline]	0.0 (0)	0.5
Sildenafil	0.0 (0)	0.5

Dermatologicals

Antiacne Preparations	Your Patients	National
Adapalene	11.6 (22)	6.0
Isotretinoin	10.5 (20)	11.1
Tretinoin	5.3 (10)	2.8
Antibacterials Topical	Your Patients	National
Fusidic acid	79.0 (150)	48.6
Hydrogen peroxide	0.5 (1)	5.8
Mupirocin	14.7 (28)	22.6
Silver sulphadiazine	0.0 (0)	0.7
Antifungals Topical	Your Patients	National
Amorolfine	0.0 (0)	0.2
Ciclopirox olamine	4.2 (8)	6.2
Clotrimazole	3.2 (6)	16.0

Dermatologicals (cont)

Antifungals Topical (cont)	Your Patients	National
Econazole nitrate	2.1 (4)	3.0
Miconazole nitrate	5.3 (10)	16.0
Nystatin	0.0 (0)	0.3
Antipruritic Preparations	Your Patients	National
Calamine	3.7 (7)	5.8
Crotamiton	1.1 (2)	4.6
Menthol	0.5 (1)	1.4
Barrier Creams and Emollients	Your Patients	National
Aqueous cream	51.1 (97)	41.4
Cetomacrogol	36.9 (70)	24.3
Emulsifying ointment	7.9 (15)	17.5
Oil in water emulsion	15.8 (30)	32.5
Paraffin	7.9 (15)	4.7
Urea	39.5 (75)	15.3
Wool fat with mineral oil	0.5 (1)	2.9
Zinc and castor oil	1.1 (2)	5.8
Corticosteroids Topical	Your Patients	National
Betamethasone dipropionate	0.0 (0)	1.1
Betamethasone valerate	7.9 (15)	24.0
Betamethasone valerate with clioquinol	0.0 (0)	2.2
Betamethasone valerate with fusidic acid	0.0 (0)	5.0
Clobetasol propionate	32.1 (61)	26.4
Clobetasone butyrate	3.2 (6)	2.7
Diflucortolone valerate	5.3 (10)	1.2
Hydrocortisone	27.4 (52)	41.8
Hydrocortisone butyrate	86.9 (165)	58.2
Hydrocortisone with miconazole	40.0 (76)	40.1
Hydrocortisone with natamycin and neomycin	111.1 (211)	39.3
Hydrocortisone with wool fat and mineral oil	4.2 (8)	9.5
Methylprednisolone aceponate	13.7 (26)	6.8
Mometasone furoate	25.3 (48)	23.8
Triamcinolone acetonide	0.0 (0)	3.6
Triamcinolone acetonide with gramicidin, neomycin and nystatin	0.0 (0)	6.2
Disinfecting and Cleansing Agents	Your Patients	National
Chlorhexidine gluconate	1.1 (2)	1.0
Triclosan	0.0 (0)	0.5
Minor Skin Infections	Your Patients	National
Povidone iodine	0.0 (0)	2.1
Other Skin Preparations	Your Patients	National
Capsaicin	0.0 (0)	1.1
Fluorouracil sodium	8.4 (16)	8.3
Magnesium sulphate	0.0 (0)	0.5
Parasiticial Preparations	Your Patients	National
Gamma benzene hexachloride	1.6 (3)	0.5
Ivermectin	0.0 (0)	0.3
Malathion	1.1 (2)	7.4

Dermatologicals (cont)

Parasiticial Preparations (cont)	Your Patients	National
Malathion with permethrin and piperonyl butoxide	0.0 (0)	0.6
Permethrin	2.6 (5)	12.9
Psoriasis and Eczema Preparations	Your Patients	National
Acitretin	0.0 (0)	2.1
Betamethasone dipropionate with calcipotriol	9.5 (18)	7.0
Calcipotriol	1.6 (3)	5.6
Coal tar	6.3 (12)	3.9
Coal tar with allantoin, menthol, phenol and sulphur	0.0 (0)	0.1
Coal tar with salicylic acid and sulphur	3.2 (6)	1.8
Salicylic acid	9.0 (17)	5.0
Sulphur	0.0 (0)	0.3
Tar with triethanolamine lauryl sulphate and fluorescein	3.7 (7)	12.1
Scalp Preparations	Your Patients	National
Betamethasone valerate	11.1 (21)	4.7
Clobetasol propionate	3.7 (7)	2.3
Hydrocortisone butyrate	2.6 (5)	6.7
Ketoconazole	7.9 (15)	10.1
Sunscreens	Your Patients	National
Sunscreens, proprietary	0.0 (0)	0.2
Wart Preparations	Your Patients	National
Imiquimod	5.3 (10)	3.4
Podophyllotoxin	0.5 (1)	0.9

Genito-Urinary System

Antiandrogen Oral Contraceptives	Your Patients	National
Cyproterone acetate with ethinyloestradiol	17.4 (33)	16.7
Contraceptives - Hormonal	Your Patients	National
Ethinyloestradiol with desogestrel	0.0 (0)	2.1
Ethinyloestradiol with levonorgestrel	55.8 (106)	52.9
Ethinyloestradiol with norethisterone	9.0 (17)	11.8
Levonorgestrel	3.2 (6)	4.9
Medroxyprogesterone acetate	0.0 (0)	1.3
Norethisterone	6.8 (13)	17.0
Norethisterone with mestranol	0.0 (0)	0.1
Contraceptives - Non-hormonal	Your Patients	National
Condoms	9.5 (18)	13.4
Diaphragm	0.0 (0)	0.0
Intra-uterine device	0.0 (0)	0.0
Detection of Substances in Urine	Your Patients	National
Tetrabromophenol	0.0 (0)	0.0
Gynaecological Anti-infectives	Your Patients	National
Acetic acid with hydroxyquinoline and ricinoleic acid	0.0 (0)	0.6
Clotrimazole	15.8 (30)	24.1
Miconazole nitrate	0.5 (1)	2.3

Genito-Urinary System (cont)

Gynaecological Anti-infectives (cont)	Your Patients		National
Nystatin	0.0	(0)	0.4
Myometrial and Vaginal Hormone Preparations	Your Patients		National
Oestrinol	25.8	(49)	26.3
Oxytocin	0.0	(0)	0.0
Pregnancy Tests - hCG Urine	Your Patients		National
Pregnancy tests - HCG urine	0.5	(1)	0.1
Urinary Agents	Your Patients		National
Finasteride	6.8	(13)	10.4
Oxybutynin	17.4	(33)	29.3
Potassium citrate	0.0	(0)	0.1
Sodium citro-tartrate	6.8	(13)	11.3
Solifenacin succinate	32.6	(62)	18.1
Tamsulosin hydrochloride	0.0	(0)	3.5
Tolterodine	0.0	(0)	0.2

Hormone Preparations - Systemic Excluding Contraceptive Hormones

Corticosteroids and Related Agents for Systemic Use	Your Patients		National
Betamethasone sodium phosphate with betamethasone acetate	0.0	(0)	0.1
Dexamethasone	9.0	(17)	7.7
Dexamethasone sodium phosphate	0.0	(0)	0.9
Fludrocortisone acetate	0.0	(0)	5.8
Hydrocortisone	4.2	(8)	4.7
Methylprednisolone	0.5	(1)	0.3
Methylprednisolone acetate	0.0	(0)	0.2
Methylprednisolone acetate with lidocaine [lignocaine]	0.0	(0)	0.2
Methylprednisolone sodium succinate	0.0	(0)	0.0
Prednisolone sodium phosphate	27.9	(53)	24.1
Prednisone	98.5	(187)	153.4
Tetracosactrin	0.0	(0)	0.0
Triamcinolone acetonide	0.5	(1)	3.8
Hormone Replacement Therapy - Systemic	Your Patients		National
Medroxyprogesterone acetate	5.3	(10)	6.9
Oestradiol	3.2	(6)	6.6
Oestradiol valerate	4.2	(8)	5.6
Oestradiol with norethisterone	11.1	(21)	6.4
Oestrogens	0.0	(0)	4.4
Oestrogens with medroxyprogesterone	0.0	(0)	1.0
Other Endocrine Agents	Your Patients		National
Cabergoline	10.5	(20)	2.0
Clomiphene citrate	0.5	(1)	2.0
Danazol	0.0	(0)	0.1
Metyrapone	0.0	(0)	0.0
Other Oestrogen Preparations	Your Patients		National
Ethinylloestradiol	1.6	(3)	0.6
Oestrinol	0.0	(0)	1.2

Hormone Preparations - Systemic Excluding Contraceptive Hormones (cont)

Other Progestogen Preparations	Your Patients		National
Levonorgestrel	0.5	(1)	1.1
Medroxyprogesterone acetate	0.0	(0)	0.2
Norethisterone	0.0	(0)	4.3
Sex Hormones Non Contraceptive	Your Patients		National
Cyproterone acetate	0.5	(1)	4.2
Testosterone	0.0	(0)	0.6
Testosterone cypionate	0.5	(1)	0.3
Testosterone esters	8.4	(16)	2.2
Testosterone undecanoate	7.9	(15)	2.6
Thyroid and Antithyroid Agents	Your Patients		National
Carbimazole	1.1	(2)	8.6
Levothyroxine	121.6	(231)	171.9
Propylthiouracil	0.0	(0)	0.5
Trophic Hormones	Your Patients		National
Goserelin acetate	4.2	(8)	2.4
Leuporelin	0.5	(1)	1.8
Somatropin	0.0	(0)	0.8
Vasopressin Agonists	Your Patients		National
Desmopressin	9.0	(17)	2.1

Infections - Agents for Systemic Use

Anthelmintics	Your Patients		National
Mebendazole	0.0	(0)	2.4
Antibacterials	Your Patients		National
Amoxicillin	359.7	(683)	241.2
Amoxicillin clavulanate	264.3	(502)	171.6
Azithromycin	5.3	(10)	6.0
Benzathine benzylpenicillin	0.0	(0)	0.4
Benzylpenicillin sodium (penicillin G)	0.0	(0)	0.0
Cefaclor monohydrate	36.3	(69)	44.0
Cefalexin monohydrate	5.8	(11)	7.5
Cefazolin sodium	0.0	(0)	0.1
Ceftriaxone sodium	0.0	(0)	0.1
Cefuroxime axetil	0.0	(0)	0.0
Ciprofloxacin	12.6	(24)	21.9
Clarithromycin	0.0	(0)	0.5
Clindamycin	2.1	(4)	3.1
Colistin sulphomethate	0.0	(0)	0.0
Co-trimoxazole	65.3	(124)	37.0
Doxycycline hydrochloride	63.2	(120)	62.4
Erythromycin ethyl succinate	72.7	(138)	55.5
Erythromycin stearate	3.2	(6)	2.2
Flucloxacillin sodium	84.3	(160)	106.2
Fusidic acid	0.0	(0)	0.1
Gentamicin sulphate	0.0	(0)	0.1
Minocycline hydrochloride	2.1	(4)	3.2
Moxifloxacin	0.0	(0)	0.1
Penicillin G benzathine [benzathine benzylpenicillin]	0.0	(0)	0.0

Infections - Agents for Systemic Use (cont)

Antibacterials (cont)	Your Patients	National
Tobramycin	0.0 (0)	0.1
Trimethoprim	23.7 (45)	39.5
Vancomycin hydrochloride	0.0 (0)	0.1
Antifungals	Your Patients	National
Fluconazole	0.5 (1)	8.2
Itraconazole	6.3 (12)	3.5
Ketoconazole	0.0 (0)	0.2
Nystatin	0.5 (1)	0.9
Terbinafine	7.4 (14)	9.3
Voriconazole	0.0 (0)	0.0
Antimalarials	Your Patients	National
Hydroxychloroquine	2.1 (4)	3.2
Hydroxychloroquine sulphate	2.1 (4)	4.2
Antiparasitics	Your Patients	National
Quinine sulphate	0.0 (0)	2.0
Antiretrovirals	Your Patients	National
Abacavir sulphate	0.0 (0)	0.1
Abacavir sulphate with lamivudine	0.0 (0)	0.5
Atazanavir sulphate	0.0 (0)	0.6
Darunavir	0.0 (0)	0.2
Didanosine [DDI]	0.0 (0)	0.0
Efavirenz	0.0 (0)	1.0
Efavirenz with emtricitabine and tenofovir disoproxil fumarate	0.0 (0)	0.4
Emtricitabine	0.0 (0)	1.2
Emtricitabine with tenofovir disoproxil fumarate	0.0 (0)	0.3
Etravirine	0.0 (0)	0.1
Lamivudine	0.0 (0)	0.1
Lopinavir with ritonavir	0.0 (0)	0.3
Nevirapine	0.0 (0)	0.5
Raltegravir potassium	0.0 (0)	0.4
Ritonavir	0.0 (0)	0.7
Zidovudine [AZT]	0.0 (0)	0.0
Zidovudine [AZT] with lamivudine	0.0 (0)	0.3
Antitrichomonal Agents	Your Patients	National
Metronidazole	31.1 (59)	25.8
Ornidazole	1.6 (3)	3.7
Antituberculotics and Antileprotics	Your Patients	National
Dapsone	0.0 (0)	0.6
Ethambutol hydrochloride	0.0 (0)	0.4
Isoniazid	0.0 (0)	1.0
Pyrazinamide	0.0 (0)	0.2
Rifabutin	0.0 (0)	0.0
Rifampicin	0.0 (0)	0.8
Antivirals	Your Patients	National
Aciclovir	28.4 (54)	22.4
Adefovir dipivoxil	0.0 (0)	0.4
Entecavir	0.0 (0)	2.2

Infections - Agents for Systemic Use (cont)

Antivirals (cont)	Your Patients	National
Lamivudine	6.8 (13)	1.8
Tenofovir disoproxil fumarate	0.0 (0)	2.6
Valaciclovir	0.0 (0)	0.3
Valganciclovir	0.0 (0)	0.1
Immune Modulators	Your Patients	National
Interferon alfa-2a	0.0 (0)	0.1
Interferon alfa-2b	0.0 (0)	0.0
Pegylated interferon alfa-2a	0.0 (0)	0.7
Urinary Tract Infections	Your Patients	National
Hexamine hippurate	0.0 (0)	0.9
Nitrofurantoin	9.0 (17)	19.4
Norfloxacin	63.2 (120)	20.1

Musculoskeletal System

Anticholinesterases	Your Patients	National
Pyridostigmine bromide	0.0 (0)	1.0
Antirheumatoid Agents	Your Patients	National
Adalimumab	1.6 (3)	2.6
Etanercept	0.0 (0)	0.7
Hydroxychloroquine	2.1 (4)	2.5
Leflunomide	1.6 (3)	7.1
Penicillamine	0.0 (0)	0.2
Sodium aurothiomalate	0.0 (0)	0.2
Drugs Affecting Bone Metabolism	Your Patients	National
Alendronate sodium	0.0 (0)	15.7
Alendronate sodium with cholecalciferol	53.7 (102)	50.2
Etidronate disodium	14.7 (28)	5.8
Pamidronate disodium	0.0 (0)	0.2
Raloxifene hydrochloride	0.0 (0)	0.1
Teriparatide	0.0 (0)	0.3
Zoledronic acid	0.5 (1)	1.8
Hyperuricaemia and Antigout	Your Patients	National
Allopurinol	116.9 (222)	127.2
Benzbromarone	0.0 (0)	0.0
Colchicine	9.5 (18)	17.0
Probenecid	0.5 (1)	2.3
Muscle Relaxants	Your Patients	National
Baclofen	15.8 (30)	10.1
Dantrolene	0.0 (0)	0.2
Dantrolene sodium	0.0 (0)	0.1
Orphenadrine citrate	15.3 (29)	15.0
Quinine sulphate	0.0 (0)	7.2
Non-Steroidal Anti-Inflammatory Drugs	Your Patients	National
Diclofenac sodium	258.6 (491)	131.0
Ibuprofen	153.2 (291)	191.6
Ketoprofen	2.1 (4)	0.8
Mefenamic acid	0.0 (0)	1.8
Meloxicam	0.0 (0)	0.1
Naproxen	46.9 (89)	46.9

Musculoskeletal System (cont)

Non-Steroidal Anti-Inflammatory Drugs (cont)	Your Patients	National
Sulindac	0.5 (1)	0.3
Tenoxicam	11.1 (21)	8.0
Tiaprofenic acid	0.0 (0)	0.3
Topical Products for Joint and Muscular Pain	Your Patients	National
Capsaicin	0.0 (0)	0.3

Nervous System

Agents for Parkinsonism and Related Disorders	Your Patients	National
Amantadine hydrochloride	2.1 (4)	2.9
Apomorphine hydrochloride	0.0 (0)	0.1
Benzotropine mesylate	0.5 (1)	12.5
Bromocriptine mesylate	0.0 (0)	0.4
Entacapone	0.0 (0)	2.1
Levodopa with benserazide	0.0 (0)	7.4
Levodopa with carbidopa	15.3 (29)	17.6
Lisuride hydrogen maleate	0.0 (0)	0.3
Orphenadrine hydrochloride	0.0 (0)	1.5
Pergolide	0.0 (0)	0.2
Pramipexole hydrochloride	0.0 (0)	0.5
Procyclidine hydrochloride	0.0 (0)	6.2
Ropinirole hydrochloride	5.3 (10)	5.8
Selegiline hydrochloride	0.0 (0)	0.7
Tetrabenazine	0.0 (0)	0.6
Tolcapone	0.0 (0)	0.4
Anaesthetics	Your Patients	National
Lidocaine [Lignocaine]	0.0 (0)	0.2
Lidocaine [Lignocaine] hydrochloride	1.1 (2)	1.1
Lidocaine [Lignocaine] with chlorhexidine	0.0 (0)	0.1
Lignocaine with prilocaine	0.0 (0)	0.1
Analgesics	Your Patients	National
Aspirin	7.9 (15)	13.9
Capsaicin	0.0 (0)	0.4
Codeine phosphate	36.3 (69)	121.6
Dihydrocodeine tartrate	17.9 (34)	24.9
Fentanyl	5.8 (11)	13.8
Fentanyl citrate	0.0 (0)	0.6
Methadone hydrochloride	3.7 (7)	417.2
Morphine hydrochloride	3.7 (7)	9.9
Morphine sulphate	54.2 (103)	90.0
Morphine tartrate	0.0 (0)	0.6
Nefopam hydrochloride	0.5 (1)	2.1
Oxycodone hydrochloride	78.5 (149)	88.1
Paracetamol	610.8 (1160)	607.2
Paracetamol with codeine	90.0 (171)	93.5
Pethidine hydrochloride	0.5 (1)	2.4
Tramadol hydrochloride	84.3 (160)	106.2
Antidepressants	Your Patients	National
Amitriptyline	99.5 (189)	140.6

Nervous System (cont)

Antidepressants (cont)	Your Patients	National
Citalopram hydrobromide	90.0 (171)	153.6
Clomipramine hydrochloride	6.3 (12)	6.8
Dothiepin hydrochloride	6.8 (13)	22.3
Doxepin hydrochloride	19.5 (37)	21.0
Escitalopram	3.7 (7)	21.8
Fluoxetine hydrochloride	93.7 (178)	97.6
Imipramine hydrochloride	6.8 (13)	5.6
Maprotiline hydrochloride	0.0 (0)	0.3
Mianserin hydrochloride	0.0 (0)	1.2
Mirtazapine	0.0 (0)	20.9
Moclobemide	0.0 (0)	4.9
Nortriptyline hydrochloride	60.0 (114)	73.2
Paroxetine hydrochloride	54.8 (104)	56.9
Phenelzine sulphate	0.0 (0)	0.3
Sertraline	2.6 (5)	13.8
Tranlycypromine sulphate	0.0 (0)	0.5
Venlafaxine	52.7 (100)	94.8
Antiepilepsy Drugs	Your Patients	National
Carbamazepine	32.6 (62)	30.5
Clobazam	0.0 (0)	4.9
Clonazepam	2.6 (5)	3.9
Diazepam	0.5 (1)	0.5
Ethosuximide	0.0 (0)	0.3
Gabapentin	44.8 (85)	46.4
Gabapentin (Neurontin)	0.0 (0)	0.5
Lacosamide	0.0 (0)	0.6
Lamotrigine	14.2 (27)	29.3
Levetiracetam	1.1 (2)	7.7
Phenobarbitone	4.2 (8)	1.5
Phenytoin sodium	5.3 (10)	16.7
Primidone	0.0 (0)	1.5
Sodium valproate	34.8 (66)	75.3
Topiramate	5.3 (10)	11.7
Vigabatrin	0.0 (0)	0.3
Antimigraine Preparations	Your Patients	National
Ergotamine tartrate with caffeine	0.5 (1)	1.9
Metoclopramide hydrochloride with paracetamol	1.1 (2)	4.8
Pizotifen	0.0 (0)	2.9
Rizatriptan	16.3 (31)	14.8
Sumatriptan	16.9 (32)	13.8
Antinausea and Vertigo Agents	Your Patients	National
Aprepitant	0.0 (0)	1.2
Betahistine dihydrochloride	4.2 (8)	6.0
Cyclizine hydrochloride	4.2 (8)	8.5
Cyclizine lactate	1.1 (2)	1.0
Domperidone	26.9 (51)	24.5
Hyoscine hydrobromide	0.0 (0)	0.2
Hyoscine (scopolamine)	1.6 (3)	0.6
Metoclopramide hydrochloride	30.5 (58)	31.7

Nervous System (cont)

Antinausea and Vertigo Agents (cont)	Your Patients		National
Ondansetron	15.3	(29)	21.1
Prochlorperazine	11.1	(21)	23.4
Promethazine theoclate	0.0	(0)	0.0
Tropisetron	0.0	(0)	0.2
Antipsychotics	Your Patients		National
Amisulpride	0.0	(0)	4.6
Aripiprazole	0.0	(0)	9.0
Chlorpromazine hydrochloride	0.5	(1)	5.7
Clozapine	0.0	(0)	39.7
Flupenthixol decanoate	0.0	(0)	1.4
Fluphenazine decanoate	0.0	(0)	0.7
Haloperidol	5.3	(10)	13.2
Haloperidol decanoate	0.0	(0)	0.6
Levomepromazine	0.0	(0)	4.6
Levomepromazine maleate	0.0	(0)	1.5
Lithium carbonate	0.0	(0)	25.9
Olanzapine	6.3	(12)	58.4
Olanzapine pamoate monohydrate	0.0	(0)	0.5
Pericyazine	0.0	(0)	1.2
Pimozide	0.0	(0)	0.0
Pipothiazine palmitate	0.0	(0)	0.3
Quetiapine	21.6	(41)	131.0
Risperidone	6.3	(12)	59.5
Trifluoperazine hydrochloride	0.0	(0)	3.2
Ziprasidone	6.3	(12)	2.5
Zuclopenthixol decanoate	0.0	(0)	1.0
Zuclopenthixol hydrochloride	0.0	(0)	0.6
Anxiolytics	Your Patients		National
Alprazolam	0.0	(0)	5.6
Buspirone hydrochloride	0.0	(0)	3.2
Clonazepam	1.1	(2)	56.8
Diazepam	17.9	(34)	73.6
Lorazepam	76.9	(146)	50.9
Oxazepam	0.0	(0)	7.9
Multiple Sclerosis Treatments	Your Patients		National
Glatiramer acetate	0.0	(0)	0.5
Interferon beta-1-alpha	0.0	(0)	0.5
Interferon beta-1-beta	0.0	(0)	0.5
Sedatives and Hypnotics	Your Patients		National
Lormetazepam	0.0	(0)	0.3
Midazolam	2.1	(4)	6.6
Nitrazepam	0.0	(0)	5.0
Temazepam	11.1	(21)	29.8
Triazolam	103.7	(197)	32.8
Zopiclone	103.7	(197)	215.4
Stimulants/ADHD Treatments	Your Patients		National
Atomoxetine	6.3	(12)	1.1
Dexamphetamine sulphate	0.0	(0)	1.4
Methylphenidate hydrochloride	22.1	(42)	22.4

Nervous System (cont)

Stimulants/ADHD Treatments (cont)	Your Patients		National
Methylphenidate hydrochloride extended-release	13.7	(26)	14.5
Modafinil	0.0	(0)	0.1
Treatments for Dementia	Your Patients		National
Donepezil hydrochloride	2.6	(5)	15.7
Treatments for Opioid Overdose	Your Patients		National
Naloxone hydrochloride	0.0	(0)	0.0
Treatments for Substance Dependence	Your Patients		National
Buprenorphine with naloxone	0.0	(0)	11.4
Bupropion hydrochloride	2.1	(4)	10.6
Disulfiram	0.5	(1)	7.6
Naltrexone hydrochloride	1.1	(2)	1.2
Nicotine	19.5	(37)	42.3
Varenicline tartrate	33.2	(63)	26.6

Oncology Agents and Immunosuppressants

Chemotherapeutic Agents	Your Patients		National
Anagrelide hydrochloride	0.0	(0)	0.1
Arsenic trioxide	0.0	(0)	0.0
Bleomycin sulphate	0.0	(0)	0.2
Bortezomib	0.0	(0)	1.7
Busulphan	0.0	(0)	0.1
Calcium folinate	22.1	(42)	2.1
Capecitabine	7.4	(14)	2.6
Carboplatin	0.0	(0)	1.2
Carmustine	0.0	(0)	0.0
Chlorambucil	0.5	(1)	0.2
Cisplatin	0.0	(0)	0.8
Cladribine	0.0	(0)	0.0
Colaspase [L-asparaginase]	0.0	(0)	0.0
Cyclophosphamide	0.0	(0)	2.8
Cytarabine	0.0	(0)	0.6
Dacarbazine	0.0	(0)	0.2
Dactinomycin [Actinomycin D]	0.0	(0)	0.1
Dasatinib	0.0	(0)	0.2
Daunorubicin	0.0	(0)	0.1
Docetaxel	5.3	(10)	0.8
Doxorubicin	0.0	(0)	1.4
Epirubicin	0.0	(0)	0.9
Erlotinib hydrochloride	0.0	(0)	0.1
Etoposide	0.0	(0)	0.2
Etoposide phosphate	0.0	(0)	0.9
Fludarabine phosphate	0.0	(0)	0.3
Fluorouracil sodium	23.7	(45)	3.8
Gefitinib	0.0	(0)	0.1
Gemcitabine hydrochloride	0.0	(0)	1.1
Hydroxyurea	14.7	(28)	4.7
Idarubicin hydrochloride	0.0	(0)	0.0
Ifosfamide	0.0	(0)	0.3
Imatinib mesylate	0.0	(0)	0.9
Irinotecan	11.1	(21)	0.7

Oncology Agents and Immunosuppressants (cont)

Chemotherapeutic Agents (cont)	Your Patients	National
Lapatinib Ditosylate	0.0 (0)	0.0
Lomustine	0.0 (0)	0.1
Melphalan	0.0 (0)	0.2
Mercaptopurine	6.3 (12)	1.9
Mesna	0.0 (0)	0.4
Methotrexate	19.5 (37)	23.3
Mitomycin C	0.0 (0)	0.1
Mitozantrone	0.0 (0)	0.1
Oxaliplatin	0.0 (0)	1.3
Paclitaxel	0.0 (0)	1.8
Pazopanib	0.0 (0)	0.0
Procarbazine hydrochloride	0.0 (0)	0.1
Sunitinib	0.0 (0)	0.2
Temozolomide	0.0 (0)	0.4
Thalidomide	0.0 (0)	0.5
Thioguanine	0.0 (0)	0.0
Tretinoin	0.0 (0)	0.0
Vinblastine sulphate	0.0 (0)	0.2
Vincristine sulphate	0.0 (0)	1.3
Vinorelbine	0.0 (0)	0.6
Endocrine Therapy	Your Patients	National
Anastrozole	0.0 (0)	3.8
Bicalutamide	0.0 (0)	1.9
Exemestane	0.0 (0)	0.8
Flutamide	6.3 (12)	1.2
Letrozole	0.0 (0)	2.6
Megestrol acetate	0.0 (0)	0.3
Octreotide LAR (somatostatin analogue)	0.0 (0)	0.7
Octreotide (somatostatin analogue)	0.0 (0)	0.2
Tamoxifen citrate	3.2 (6)	6.5
Immunosuppressants	Your Patients	National
Adalimumab	0.5 (1)	3.8
Azathioprine	9.5 (18)	7.3
Bacillus Calmette-Guerin (BCG) vaccine	0.0 (0)	0.2
Cyclosporin	0.0 (0)	5.8
Etanercept	0.0 (0)	1.1
Mycophenolate mofetil	0.0 (0)	4.7
Rituximab	0.0 (0)	1.2
Sirolimus	0.0 (0)	0.2
Tacrolimus	0.0 (0)	4.0
Trastuzumab	3.7 (7)	1.7

Respiratory System and Allergies

Antiallergy Preparations	Your Patients	National
Bee venom allergy treatment	0.0 (0)	0.1
Wasp venom allergy treatment	0.0 (0)	0.0
Antihistamines	Your Patients	National
Cetirizine hydrochloride	96.9 (184)	81.3
Chlorpheniramine maleate	0.0 (0)	6.1
Dextrochlorpheniramine maleate	0.0 (0)	1.0

Respiratory System and Allergies (cont)

Antihistamines (cont)	Your Patients	National
Fexofenadine hydrochloride	0.0 (0)	0.8
Loratadine	79.0 (150)	115.5
Promethazine hydrochloride	11.6 (22)	28.0
Trimeprazine tartrate	0.0 (0)	0.4
Beta-Adrenoceptor Agonists	Your Patients	National
Salbutamol	248.6 (472)	276.6
Terbutaline sulphate	20.5 (39)	14.9
Inhaled Anticholinergic Agents	Your Patients	National
Ipratropium bromide	4.7 (9)	14.0
Salbutamol with ipratropium bromide	17.4 (33)	35.3
Tiotropium bromide	25.3 (48)	37.1
Inhaled Corticosteroids	Your Patients	National
Beclomethasone dipropionate	1.1 (2)	11.8
Budesonide	9.5 (18)	12.3
Fluticasone	86.9 (165)	135.6
Inhaled Long-acting Beta-adrenoceptor Agonists	Your Patients	National
Budesonide with eformoterol	106.9 (203)	68.6
Eformoterol fumarate	5.3 (10)	3.8
Fluticasone with salmeterol	43.2 (82)	91.8
Salmeterol	5.3 (10)	18.2
Leukotriene Receptor Antagonists	Your Patients	National
Montelukast	0.0 (0)	1.2
Mast Cell Stabilisers	Your Patients	National
Nedocromil	0.0 (0)	0.8
Sodium cromoglycate	0.0 (0)	0.4
Methylxanthines	Your Patients	National
Theophylline	0.0 (0)	3.1
Mucolytics	Your Patients	National
Dornase alfa	0.0 (0)	0.1
Sodium chloride	0.0 (0)	0.5
Nasal Preparations	Your Patients	National
Beclomethasone dipropionate	2.1 (4)	29.0
Budesonide	39.0 (74)	22.5
Fluticasone propionate	126.4 (240)	90.7
Ipratropium bromide	2.1 (4)	7.7
Sodium cromoglycate	0.0 (0)	0.4
Respiratory Devices	Your Patients	National
Mask for spacer device	0.0 (0)	0.0
Peak flow meter	0.0 (0)	0.0
Spacer device	0.0 (0)	0.1

Sensory Organs

Ear Preparations	Your Patients	National
Acetic acid with 1, 2- propanediol diacetate and benzethonium	1.6 (3)	1.2
Chloramphenicol	0.0 (0)	1.0
Flumetasone pivalate	16.3 (31)	8.8
Triamcinolone acetonide with gramicidin, neomycin and nystatin	2.1 (4)	5.9

Sensory Organs (cont)		
Ear/Eye Preparations	Your Patients	National
Dexamethasone with framycetin and gramicidin	35.8 (68)	15.0
Framycetin sulphate	0.0 (0)	0.8
Eye Preparations	Your Patients	National
Acetazolamide	1.1 (2)	1.7
Aciclovir	0.5 (1)	1.1
Atropine sulphate	0.5 (1)	1.0
Betaxolol hydrochloride	0.0 (0)	0.6
Bimatoprost	4.7 (9)	6.7
Brimonidine tartrate	2.6 (5)	2.7
Brimonidine tartrate with timolol maleate	1.6 (3)	3.2
Brinzolamide	2.1 (4)	3.8
Chloramphenicol	102.2 (194)	56.7
Ciprofloxacin	3.7 (7)	2.8
Cyclopentolate hydrochloride	0.5 (1)	0.6
Dexamethasone	1.6 (3)	3.8
Dexamethasone with neomycin and polymyxin b sulphate	11.1 (21)	4.3
Diclofenac sodium	2.1 (4)	2.0
Dorzolamide hydrochloride	0.5 (1)	0.4
Dorzolamide hydrochloride with timolol maleate	9.5 (18)	5.4
Fluorometholone	4.7 (9)	1.7
Fusidic acid	9.5 (18)	11.8

Sensory Organs (cont)		
Eye Preparations (cont)	Your Patients	National
Gentamicin sulphate	0.0 (0)	0.1
Hypromellose	22.6 (43)	13.7
Hypromellose with Dextran	4.2 (8)	4.3
Latanoprost	21.1 (40)	21.6
Levobunolol	1.6 (3)	0.4
Levocabastine	11.6 (22)	7.4
Lodoxamide trometamol	4.7 (9)	5.8
Naphazoline hydrochloride	0.0 (0)	1.5
Olopatadine	1.1 (2)	0.4
Paraffin liquid with soft white paraffin	2.1 (4)	5.4
Paraffin liquid with wool fat liquid	0.0 (0)	1.2
Phenylephrine hydrochloride	0.0 (0)	0.2
Pilocarpine	0.0 (0)	0.8
Polyvinyl alcohol	1.1 (2)	4.6
Prednisolone acetate	15.3 (29)	9.0
Propamide isethionate	0.0 (0)	0.0
Sodium cromoglycate	0.0 (0)	9.0
Timolol maleate	3.7 (7)	7.9
Tobramycin	0.0 (0)	0.2
Travoprost	2.6 (5)	3.2
Tropicamide	0.0 (0)	0.0
Tyloxapol	0.0 (0)	0.0

Laboratory tests in community labs

In this section the data shown is the number of tests requested per 1000 registered patients and, in brackets, the actual number of tests requested for your registered patients. For comparison, the national column, is the number of tests requested per 1000 patients in New Zealand.

Adrenal Tests	Your Patients	National
Catecholamines, 24 hr urine	0.0 (0)	0.2
Cortisol, serum	2.1 (4)	3.9
Cortisol, (stimulation or suppression tests)	0.5 (1)	0.2
Urine free cortisol	0.0 (0)	0.3
Vanilylmandelic acid, 24 hr urine	0.0 (0)	0.0
Antenatal	Your Patients	National
Antenatal antibodies, including Coombs test	0.0 (0)	0.2
Antenatal subsequent groups	10.0 (19)	17.0
First antenatal group	10.0 (19)	10.7
HIV antenatal screening	0.0 (0)	5.9
Neonatal group	0.0 (0)	0.0
Subsequent Antenatal HIV Test	0.0 (0)	0.0

Blood Gas Assays	Your Patients	National
Bicarbonate or total CO ₂ (Serum)	6.8 (13)	2.9
pH, pO ₂ , and pCO ₂	11.6 (22)	2.2
Cytology and Morbid Histology	Your Patients	National
Cytological examination of cervical smears (per accession)	0.0 (0)	0.0
Cytological examination of fine needle aspiration taken and examined by Pathologist	0.0 (0)	1.4
Cytological examination of smears from other sites(per accession)	4.7 (9)	5.4
Cytological urgent examination of smear taken during surgery, extra	0.0 (0)	0.0

Cytology and Morbid Histology (cont)	Your Patients	National
Cervical Screening (NCSP)	111.1 (211)	102.8
Histology - frozen section during surgery, extra	1.1 (2)	0.2
Histology (per accession)	65.8 (125)	49.1
Immunocytochemistry, first stain	3.2 (6)	2.0
Immunocytochemistry, subsequent stains (up to a maximum of 5 in total)	2.6 (5)	4.3
Immunocytochemistry, first stain	1.1 (2)	0.6
Immunocytochemistry, subsequent stains (up to a maximum of 5 in total)	0.0 (0)	1.0
Diagnostic Immunological & Serological Tests	Your Patients	National
Antistreptococcal antibodies	1.1 (2)	2.2
Autoantibodies, other	107.4 (204)	47.3
Auto-immune disease, anti-nuclear antibody	29.0 (55)	14.9
Auto-immune disease, anti-nuclear antibody titre	11.6 (22)	4.3
Auto-immune disease, thyroid	9.5 (18)	14.2
Brucella antibodies	0.0 (0)	0.1
Chlamydia direct antigen test	29.5 (56)	63.8
CM virus, specific antibody titre	3.2 (6)	6.1
C-reactive protein test	189.6 (360)	192.2
Epstein-Barr virus IgG antibody	13.2 (25)	7.0
Epstein-Barr virus IgM antibody	5.3 (10)	5.5
Giardia direct antigen test	11.1 (21)	14.8
Hepatitis A IgG antibody	3.7 (7)	4.9
Hepatitis A IgM antibody	2.6 (5)	3.2
Hepatitis B (anti HBc) antibody	2.1 (4)	3.5
Hepatitis B - (Anti HBs) antibody	12.6 (24)	16.9
Hepatitis B (HBe) e antigen	0.5 (1)	1.7
Hepatitis B - (HBsAg) surface antigen	12.6 (24)	18.3
Hepatitis C antibody	6.3 (12)	13.7
Herpes virus direct antigen test	0.0 (0)	2.0
HIV Screen test	13.7 (26)	18.7
Hydatids antibody	0.0 (0)	0.0
Leptospira agglutination screen test	0.0 (0)	0.2
Leptospira specific antibody test	0.0 (0)	0.0
Paul-Bunnell (or equivalent)	0.5 (1)	2.2
Prostate Specific Antigen	143.8 (273)	84.5
Rheumatoid factor - Rose Waaler test	13.2 (25)	14.4
Rotovirus direct antigen test	2.1 (4)	4.4
Rubella antibodies - IgG	0.5 (1)	2.7
Rubella antibodies - IgM	0.0 (0)	0.1
Skin tests, immediate hypersensitivity	49.0 (93)	31.7
Syphilis - confirmatory specific antibody test	0.0 (0)	0.0
Syphilis - specific antibody test	1.6 (3)	6.0
Syphilis - VDRL or other reagin test	0.0 (0)	2.4
Toxoplasma antibodies IgG	0.5 (1)	1.3
Toxoplasma antibodies IgM	0.5 (1)	1.3
Tuberculin skin test	0.5 (1)	0.3
Electrolyte Tests	Your Patients	National
Calcium 24 hr. urine	0.0 (0)	0.3
Calcium, serum	46.3 (88)	70.9

Electrolyte Tests (cont)	Your Patients	National
Chloride, serum	29.0 (55)	13.7
Magnesium, serum	7.4 (14)	14.3
Magnesium, urine	0.0 (0)	0.0
Phosphate, serum	26.9 (51)	55.6
Potassium, 24 hr. urine	0.0 (0)	0.0
Potassium, serum	1.6 (3)	6.1
Sodium, 24 hr. urine	0.0 (0)	0.1
Sodium & Potassium 24 hr urine	1.6 (3)	0.3
Sodium & Potassium, serum	294.4 (559)	404.1
Sodium, serum	2.1 (4)	7.0
Enzyme Tests	Your Patients	National
Acid phosphatase, serum	0.0 (0)	0.2
Alanine transaminase - ALT	5.8 (11)	16.5
Alkaline phosphatase, serum	6.3 (12)	9.4
Amylase	16.3 (31)	14.1
Asparate amino transferase, serum - AST	4.7 (9)	8.4
Creatine kinase, serum (CK)	10.5 (20)	16.2
Gamma glutamyl transferase, serum (GGT)	0.0 (0)	10.7
Myocardial screen	0.0 (0)	0.0
Other enzymes where specifically requested	0.5 (1)	3.7
Faeces Tests	Your Patients	National
Faecal occult blood, human haemoglobin specific	8.4 (16)	22.4
Faecal reducing substances	0.0 (0)	0.1
Glucose Tests	Your Patients	National
Fructosamine	0.0 (0)	0.0
Glucose Tolerance Test post-polycose	3.7 (7)	8.4
Glucose Tolerance Test standard	1.1 (2)	5.1
Glycosylated haemoglobin	439.7 (835)	299.6
Serum glucose	116.4 (221)	163.2
Haematology Tests	Your Patients	National
Anti human globulin test including Coombs test	0.5 (1)	0.4
Bleeding time	0.0 (0)	0.0
Blood Group Antibodies	0.0 (0)	0.0
Blood Grouping - ABO/ Rhesus group	1.1 (2)	2.1
Blood grouping - Rhesus - phenotyping	0.0 (0)	0.0
Blood grouping - Rhesus - titre	0.0 (0)	0.1
Bone marrow aspirate - (per site, not per slide)	0.0 (0)	0.1
Coagulation factors individual assays	2.6 (5)	3.9
Coagulation profile	0.0 (0)	0.3
Coagulation profile (Group H06 - H07 - S01)	12.6 (24)	5.2
Complete blood count (CBC)	565.0 (1073)	527.5
Erythrocyte sedimentation rate (ESR)	55.8 (106)	49.4
Fibrinogen (qualitative)	0.0 (0)	0.0
Fibrinogen (quantitative)	14.2 (27)	5.4
Haemoglobin pigments - qualitative	0.0 (0)	0.9
Haemoglobin pigments - quantitative	0.0 (0)	0.9
Partial thrombosplastin clotting time	2.1 (4)	2.2

Haematology Tests (cont)	Your Patients	National
Plasma prothrombin ratio	298.6 (567)	177.0
Red blood cell inclusion bodies	0.5 (1)	3.2
Red cell or white cell enzyme	0.5 (1)	0.1
Thrombin time	0.0 (0)	0.6
Haemopoietic Tests	Your Patients	National
Ferritin, serum	242.2 (460)	235.0
Folate plus Vitamin B12, serum	158.5 (301)	124.2
Folate, red cell	0.5 (1)	3.0
Iron binding capacity, serum	32.1 (61)	36.6
Iron, serum	33.2 (63)	72.4
Transferrin, serum	1.1 (2)	35.5
Lipid Tests	Your Patients	National
Cholesterol total, serum	1.6 (3)	3.5
Fasting lipid group test	361.2 (686)	293.0
Lipoproteins, electrophoresis, serum	0.0 (0)	0.0
Triglycerides, fasting only	0.0 (0)	2.4
Liver Tests	Your Patients	National
Alcohol, diagnostic purposes only	0.0 (0)	0.2
Bilirubin total, conjugated & unconjugated serum	0.5 (1)	0.7
Bilirubin total, serum	0.0 (0)	4.8
Liver function group	449.7 (854)	344.0
Microbiology Tests	Your Patients	National
Aspirates, culture and sensitivities	0.5 (1)	0.9
Blood culture	0.0 (0)	1.3
Enteric pathogens (faeces or rectal swab)	11.1 (21)	21.8
Film (concentrated) examination for filaria	0.0 (0)	0.2
Film - examination for malaria, filaria, &/or gonococci	0.0 (0)	0.4
Mycology - skin	19.5 (37)	10.9
Other, culture, sensitivities and identification	1.1 (2)	6.4
Ova and cysts	11.1 (21)	10.6
Seminal fluid - fertility	1.1 (2)	1.2
Seminal fluid - post vasectomy	2.1 (4)	1.5
Sputum (excluding tuberculosis)	3.7 (7)	4.8
Swab, cervical	1.1 (2)	9.4
Swab, ear	0.0 (0)	2.9
Swab, eye	0.0 (0)	1.6
Swab, nasal	0.0 (0)	1.3
Swab, peri-anal	3.2 (6)	0.2
Swab, rectal for sexually transmitted diseases	0.0 (0)	0.0
Swab, skin/wound/pus	53.2 (101)	42.2
Swab, throat	34.8 (66)	45.6
Swab, urethral	1.1 (2)	2.2
Swab, vaginal	33.7 (64)	63.9
Tuberculosis - gastric aspirate	0.0 (0)	0.0
Tuberculosis - other sites	0.0 (0)	0.1
Tuberculosis - sputum	0.0 (0)	1.1
Tuberculosis - urine	0.0 (0)	0.2

Microbiology Tests (cont)	Your Patients	National
Urine culture - (with colony count, identification and sensitivities where indicated)	165.4 (314)	158.9
Monitoring Tests For Drugs	Your Patients	National
Antiepileptics	4.7 (9)	5.5
Digoxin	0.0 (0)	3.2
Lithium	0.0 (0)	3.1
Theophylline	0.0 (0)	0.0
Vancomycin	0.0 (0)	0.0
Protein Tests	Your Patients	National
Albumin, serum	13.7 (26)	33.1
Electrophoresis concentrated urine	1.1 (2)	1.0
Immunoglobulins (IgA, IgE, IgG, or IgM)	45.3 (86)	37.4
Microalbumin, early morning urine	52.1 (99)	72.5
Paraprotein Identification	0.5 (1)	1.6
Protein electrophoretic pattern, serum	6.3 (12)	11.2
Proteins, 24 hr. urine	2.6 (5)	6.8
Proteins total, serum	8.4 (16)	12.8
Renal Tests	Your Patients	National
Creatinine, 24 hr urine	2.1 (4)	4.6
Creatinine clearance test	1.6 (3)	4.1
Creatinine, serum	561.3 (1066)	473.4
Osmolality	0.0 (0)	0.0
Urate or uric acid, serum	67.9 (129)	107.9
Urea, serum	91.1 (173)	78.7
Urinary calculus analysis	0.0 (0)	0.1
Reproductive System Tests	Your Patients	National
Chorionic Gonadotrophin qualitative plus quantitative (HCG)	11.1 (21)	22.8
Follicle stimulating hormone (FSH)	10.0 (19)	18.7
Luteinising hormone (LH)	8.4 (16)	20.2
Oestradiol, serum	4.7 (9)	17.7
Progesterone, serum	3.2 (6)	13.1
Prolactin, serum	2.6 (5)	7.9
Serum Testosterone	5.8 (11)	7.0
Thyroid Tests	Your Patients	National
Free thyroxine index or free T4	53.2 (101)	84.8
Serum free T3	8.4 (16)	28.4
Thyroid stimulating hormone, serum (TSH)	230.1 (437)	250.3
Tumor Markers	Your Patients	National
Alpha-feto protein	0.0 (0)	0.4
CA 125	0.0 (0)	0.2
CA 15-3	0.0 (0)	0.0
CA 19-9	0.0 (0)	0.1
Carcino Embryonic Antigen assay	0.0 (0)	0.6
Uncategorised Tests	Your Patients	National
BNP	0.0 (0)	0.0
Hydroxy-indoleacetic acid (Serotonin)	0.0 (0)	0.1
Troponin T & Troponin I	15.3 (29)	10.9



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