

New Zealand Permit No. 176761 **Permit** 

Sample

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2012 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 95% of pharmaceutical dispensings and 96% 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 will not appear on this report.



Important Note

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

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 July 2011 and June 2012.

What is different about this report compared with previous years?

- It includes data on all subsidised medicines dispensed and laboratory tests requested for your registered patients.
- It describes the demographics of your registered patient population, including patients who were not prescribed medicines or did not receive any laboratory tests.
- It includes adjusted data that takes into consideration any demographic differences between your practice population and others in New Zealand.
- It includes medicines prescribed to your patients by health professionals who do not work in your practice, which may include hospital doctors or private specialists.
- In the tables at the end of this report you will be able to compare the number of dispensed medicines and laboratory tests per 1000 registered patients at your practice to the number per 1000 registered patients in New Zealand.

Why were the reports changed?

Our reports have been changed to provide more accurate feedback on the care your patients receive. Many practitioners may not be aware of the extent to which other health providers prescribe and request laboratory tests for their patients. In this report, all of the medicines and laboratory tests your patients received are presented.



Quick facts for Sample Medical Centre

Between July 2011 and June 2012

Number of health providers who have prescribed medicine to your registered patients	780
Number of health providers who have requested tests for your registered patients	316
Total cost of subsidised dispensed medicines for your registered patients	\$794,887.80
Percent of registered patients dispensed at least one medicine	75%
Total number of laboratory tests requested for your registered patients	22,301
Percent of registered patients with at least one test in a community laboratory	50%


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: age, sex, ethnicity, deprivation; and for medicines dispensed, therapeutic group to account for morbidity.

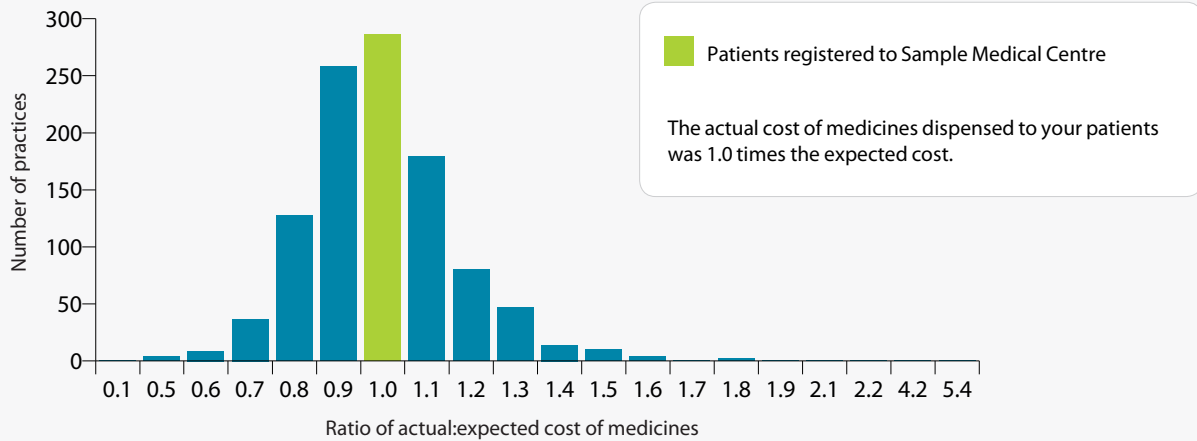
This gives the ratio between the medicines and tests your patients received, and what would be expected if there were no differences in the underlying population between them and any other New Zealand practice.

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

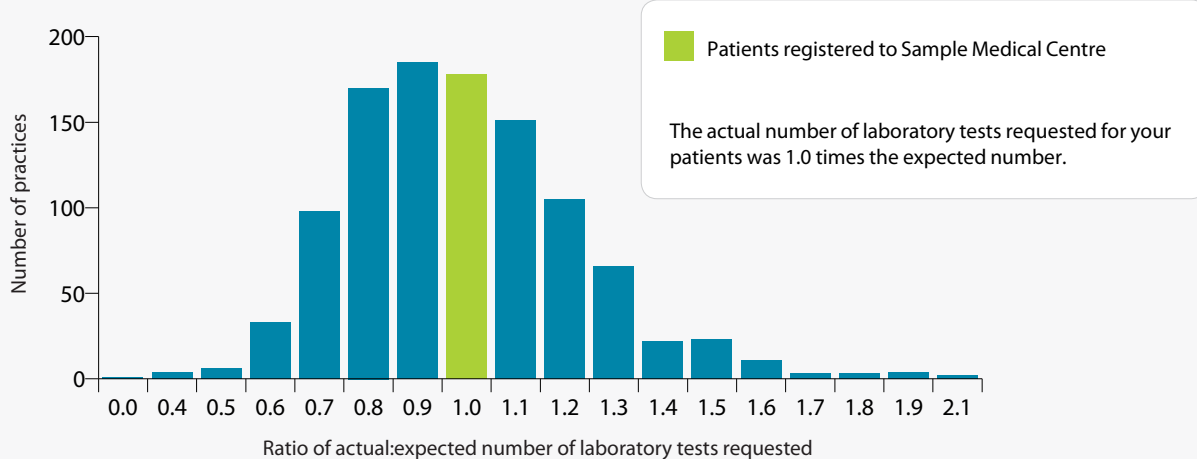
Distribution of practices by actual:expected cost of dispensed medicines

Where does your practice's population fall in the distribution? If the ratio is high or low your patients may not be receiving similar levels of prescribing to patients registered at other similar practices.



Distribution of practices by actual:expected number of laboratory tests

Where does your practice's population fall in the distribution? If the ratio is high or low your patients may not be receiving similar rates of testing to patients at other similar practices.



Demographics of your registered patients

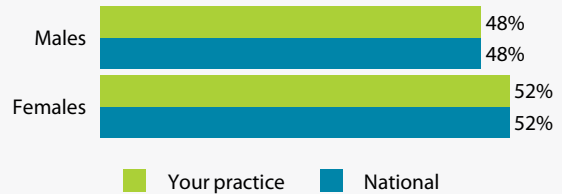
This section describes the demographic characteristics of the registered population of your practice, compared to the demographics of all registered patients in New Zealand. The data in this section is taken from the first quarter 2012 enrolment registers provided to bpac^{nz} by the Ministry of Health.

Number of patients

Patients registered to your practice **3,967**

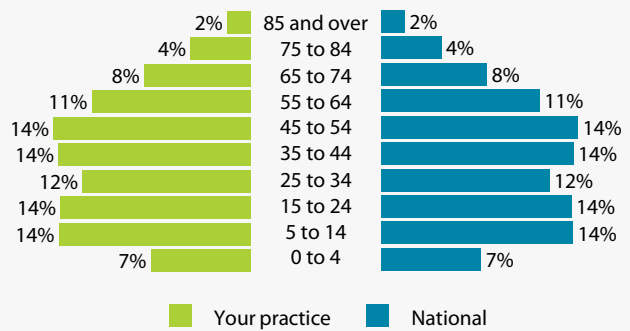
Mean number of registered patients per practice in New Zealand **3,967**

Gender



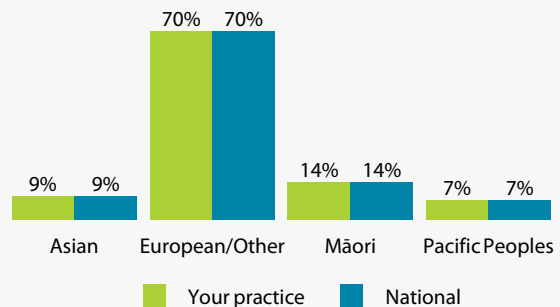
Age group

This is based on the recorded date of birth for each patient. The age bands are uneven because children aged under five have specific clinical needs and this is a population where individual practices may differ significantly from the average population.



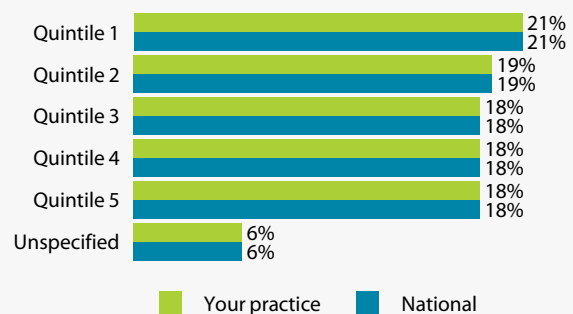
Ethnic group

This is based on the patient's self-identified ethnic group. A patient may specify up to three ethnic groups which are then prioritised: if any of the three ethnic groups is Māori or Pacific Peoples, the patient is identified in this group.



Deprivation quintile

Deprivation quintile is a score representing the level of socio-economic deprivation of the area where the person resides. Quintile 1 is the least deprived and quintile 5 is the most deprived. If the deprivation quintile is unspecified it is due to an address that could not be geocoded.



Selected topics from the past 12 months

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

2012



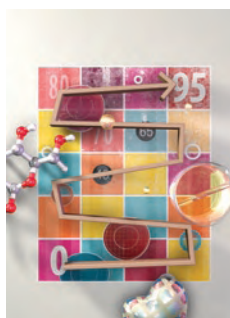
BPJ 44, June

Update on oxycodone: what can primary care do about the problem?

The number of patients dispensed oxycodone in New Zealand continues to increase. Oxycodone is no more effective than morphine, has a higher dependency profile and is significantly more expensive than morphine, and it should only be used in patients who require a strong opioid and are unable to tolerate morphine for their pain relief.

bpac^{nz} research found that the number of patients dispensed oxycodone is still increasing and has overtaken the number of patients dispensed morphine, and that 70% of patients were commenced on oxycodone by a non-general practice health provider, based on the New Zealand Medical Council register of health professionals.

 For more information see www.bpac.org.nz/magazine/2012/may/oxycodone.asp



Best Tests, March

Testing for CVD, diabetes and renal disease in elderly people

As people age and their comorbidities and use of medicines increases, many tests become less appropriate and less reliable. For example, there is limited evidence to support monitoring lipid levels for cardiovascular disease.

However, some tests continue to be important. Testing for diabetes remains important at any age as many adverse effects of diabetes, such as diabetic nephropathy, take time to develop and are more likely to appear in older people who have a long history of diabetes.

 For more information see www.bpac.org.nz/resources/bt/2012/03_elderly.asp and www.bpac.org.nz/resources/reports/2012/diabetesMonitoring75.asp



BPJ 42, February

Diagnosing and managing asthma in children


In BPJ 42, bpac^{nz} discussed issues in diagnosing and managing asthma in children and introduced a stepwise guideline for escalating treatment in children with asthma.

Step 1. SABA alone

Step 2. SABA and ICS

Step 3. SABA, ICS and LABA

bpac^{nz} research found that management of asthma in Māori and Pacific children may be inadequate. While Maori and Pacific children have higher rates of severe asthma, they were less likely to have their treatment escalated to the highest step of the treatment ladder (both $p < 0.01$), and were significantly more likely (both $p < 0.01$) to be dispensed an oral steroid while on the lowest step of the treatment ladder.

 For more information see: www.bpac.org.nz/magazine/2012/february/asthma.asp and www.bpac.org.nz/resources/reports/2012/asthma.asp



Best Tests, December

Appropriate use of allergy testing in primary care

In recent years, the use of serum allergen-specific IgE testing for suspected allergy has increased dramatically. This has created an unsustainable burden on laboratories in terms of volume and cost of performing these tests. In many cases testing is not required for a person with symptoms of allergy.

Key recommendations for appropriate use of allergy testing in primary care:

- Diagnosis of allergy can often be based on clinical history and examination
- Skin prick testing is the preferred initial test for allergy
- Serum allergen-specific IgE testing should only be used in patients for whom skin prick testing is inappropriate (such as patients with widespread dermatitis or dermographism)

 For more information see www.bpac.org.nz/resources/bt/2011/12_allergy.asp



BPJ 40, November

Irritable infants, reflux and GORD

Reflux is commonly blamed for infant irritability, however, this is a normal occurrence and does not always require medical treatment. Omeprazole is not a recommended treatment for reflux or uncomplicated GORD in infants. Proton pump inhibitors are generally well tolerated by adults, the safety, pharmacokinetics and bioavailability of omeprazole in children aged under one year is largely unknown, and it is therefore not approved for use in this patient group.

bpac^{nz} analysis showed that between 2006 and 2010 the number of omeprazole prescriptions for children aged under one year increased by 77% despite a lack of evidence to support the prescribing of omeprazole to these patients.

 For more information see www.bpac.org.nz/magazine/2011/november/infant_reflux.asp



BPJ 39, October

The medical management of stable angina

It is recommended that all patients with stable angina, unless they have contraindications, should be prescribed an antithrombotic medicine (preferably aspirin), a statin and an antianginal medicine. Calcium channel blockers can be used for those unable to tolerate beta-blockers, and long-acting nitrates are an alternative antianginal treatment for those unable to tolerate beta-blockers or calcium channel blockers.

Our analysis found that 81% of patients with stable angina were dispensed aspirin, clopidogrel or warfarin, 74% were dispensed a statin, and 82% were dispensed a beta-blocker, calcium channel blocker or long-acting nitrate. 58% of patients with stable angina were dispensed the recommended combined treatment of an antithrombotic, statin and beta blocker and/or calcium channel blocker and/or a long-acting nitrate.

 For more information see www.bpac.org.nz/magazine/2011/october/angina.asp and www.bpac.org.nz/resources/reports/2011/angina.asp

See more online at www.bpac.org.nz

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.

Top 20 medicines dispensed	Your Patients	National
1 Paracetamol	628.9 (2494)	1 628.9
2 Aspirin	584.7 (2319)	2 584.7
3 Simvastatin	480.8 (1907)	3 480.8
4 Omeprazole	452.6 (1795)	4 452.6
5 Methadone hydrochloride	426.5 (1691)	5 426.5
6 Metoprolol succinate	415.4 (1647)	6 415.4
7 Salbutamol	295.5 (1172)	7 295.5
8 Cilazapril	264.9 (1050)	8 264.9
9 Amoxicillin	236.1 (936)	9 236.1
10 Atorvastatin	231.6 (918)	10 231.6
11 Furosemide	227.9 (904)	11 227.9
12 Metformin hydrochloride	225.5 (894)	12 225.5
13 Zopiclone	214.7 (851)	13 214.7
14 Cholecalciferol	184.5 (732)	14 184.5
15 Levothyroxine	179.6 (712)	15 179.6
16 Quinapril	178.6 (708)	16 178.6
17 Amoxicillin clavulanate	178.1 (706)	17 178.1
18 Felodipine	176.5 (700)	18 176.5
19 Citalopram hydrobromide	174.5 (692)	19 174.5
20 Ibuprofen	174.1 (690)	20 174.1

Top 20 laboratory tests	Your Patients	National
1 Complete blood count (CBC)	513.0 (2035)	1 513.0
2 Creatinine, serum	447.6 (1775)	2 447.6
3 Sodium & Potassium, serum	382.5 (1517)	3 382.5
4 Liver function group	318.3 (1262)	4 318.3
5 Fasting lipid group test	281.4 (1116)	5 281.4
6 Serum glucose	247.2 (980)	6 247.2
7 Thyroid stimulating hormon...	237.6 (942)	7 237.6
8 Ferritin, serum	220.8 (876)	8 220.8
9 Glycosylated haemoglobin	199.0 (789)	9 199.0
10 C-reactive protein test	190.6 (756)	10 190.6
11 Plasma prothrombin ratio	181.6 (720)	11 181.6
12 Urine culture - (with colo...	156.1 (619)	12 156.1
13 Folate plus Vitamin B12, serum	112.5 (446)	13 112.5
14 NCSP	106.6 (422)	14 106.6
15 Urate or uric acid, serum	101.3 (401)	15 101.3
16 Iron, serum	88.6 (351)	16 88.6
17 Urea, serum	86.7 (344)	17 86.7
18 Free thyroxine index or fr...	84.1 (333)	18 84.1
19 Prostate Specific Antigen	81.8 (324)	19 81.8
20 Microalbumin, early mornin...	69.7 (276)	20 69.7

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 comparison, the National column shows the rate per 1000 patients in New Zealand.

Alimentary Tract and Metabolism		
Agents Used in the Treatment of Poisonings	Your Patients	National
Charcoal	0.1 (0)	0.1
Antacids and Antiflatulants	Your Patients	National
Alginic acid	2.1 (8)	2.1
Aluminium hydroxide	3.8 (15)	3.8
Calcium carbonate with aminoacetic acid	1.9 (7)	1.9
Simethicone	7.4 (29)	7.4
Sodium alginate	3.2 (12)	3.2
Antidiarrhoeals	Your Patients	National
Budesonide	0.3 (1)	0.3
Diphenoxylate hydrochloride with atropine sulphate	3.2 (12)	3.2
Hydrocortisone acetate	1.0 (4)	1.0
Loperamide hydrochloride	25.3 (100)	25.3
Mesalazine	20.5 (81)	20.5
Olsalazine	0.7 (2)	0.7
Sodium cromoglycate	0.2 (0)	0.2

Alimentary Tract and Metabolism (cont)		
Antidiarrhoeals (cont)	Your Patients	National
Sulphasalazine	7.5 (29)	7.5
Antihaemorrhoidals	Your Patients	National
Fluocortolone caproate with fluocortolone pivalate and cinchocaine	21.1 (83)	21.1
Hydrocortisone with cinchocaine	8.9 (35)	8.9
Antispasmodics and Other Agents Altering Gut Motility	Your Patients	National
Atropine sulphate	0.1 (0)	0.1
Cisapride	0.0 (0)	0.0
Hyoscine N-butylbromide	18.6 (73)	18.6
Mebeverine hydrochloride	3.3 (12)	3.3
Antitumorants	Your Patients	National
Cimetidine	0.6 (2)	0.6
Clarithromycin	1.7 (6)	1.7
Famotidine	4.4 (17)	4.4
Lansoprazole	19.4 (77)	19.4
Misoprostol	0.3 (1)	0.3

Alimentary Tract and Metabolism (cont)

Antilucerants (cont)	Your Patients	National
Omeprazole	452.6 (1795)	452.6
Pantoprazole	76.3 (302)	76.3
Ranitidine hydrochloride	35.4 (140)	35.4
Sucralfate	0.4 (1)	0.4
Diabetes	Your Patients	National
Acarbose	7.0 (27)	7.0
Glibenclamide	3.4 (13)	3.4
Gliclazide	70.1 (278)	70.1
Glipizide	36.4 (144)	36.4
Glucagon hydrochloride	1.6 (6)	1.6
Insulin aspart	25.0 (99)	25.0
Insulin glargine	27.1 (107)	27.1
Insulin glulisine	0.8 (3)	0.8
Insulin isophane	37.9 (150)	37.9
Insulin isophane with insulin neutral	25.8 (102)	25.8
Insulin lispro	11.7 (46)	11.7
Insulin lispro with insulin lispro protamine	12.6 (49)	12.6
Insulin neutral	3.5 (13)	3.5
Metformin hydrochloride	225.5 (894)	225.5
Pioglitazone	12.7 (50)	12.7
Diabetes Management	Your Patients	National
Blood glucose diagnostic test meter	1.0 (3)	1.0
Blood glucose diagnostic test strip	119.7 (474)	119.7
Insulin pen needles	17.3 (68)	17.3
Insulin syringes, disposable with attached needle	2.0 (7)	2.0
Ketone blood beta-ketone electrodes	1.0 (3)	1.0
Sodium nitroprusside	0.3 (1)	0.3
Digestives Including Enzymes	Your Patients	National
Pancreatic enzyme	4.2 (16)	4.2
Ursodeoxycholic acid	1.3 (5)	1.3
Laxatives	Your Patients	National
Bisacodyl	9.0 (35)	9.0
Danthron with poloxamer	0.2 (0)	0.2
Docusate sodium	7.9 (31)	7.9
Docusate sodium with sennosides	131.8 (522)	131.8
Glycerol	2.4 (9)	2.4
Lactulose	55.4 (219)	55.4
Macrogol 3350	13.5 (53)	13.5
Mucilaginous laxatives	19.8 (78)	19.8
Mucilaginous laxatives with stimulants	1.7 (6)	1.7
Poloxamer	1.2 (4)	1.2
Senna	3.4 (13)	3.4
Sodium acid phosphate	1.5 (6)	1.5
Sodium citrate with sodium lauryl sulphoacetate	6.2 (24)	6.2
Metabolic Disorder Agents	Your Patients	National
Imiglucerase	0.0 (0)	0.0
Minerals	Your Patients	National
Calcium carbonate	93.1 (369)	93.1
Calcium gluconate	0.0 (0)	0.0
Ferrous fumarate	72.4 (287)	72.4

Alimentary Tract and Metabolism (cont)

Minerals (cont)	Your Patients	National
Ferrous fumarate with folic acid	9.5 (37)	9.5
Ferrous sulphate	27.5 (108)	27.5
Ferrous sulphate with folic acid	5.0 (20)	5.0
Iron polymaltose	2.1 (8)	2.1
Magnesium sulphate	0.1 (0)	0.1
Potassium iodate	30.5 (121)	30.5
Sodium fluoride	0.0 (0)	0.0
Zinc sulphate	4.4 (17)	4.4
Mouth and Throat	Your Patients	National
Amphotericin B	1.9 (7)	1.9
Benzydamine hydrochloride	1.6 (6)	1.6
Chlorhexidine gluconate	2.7 (10)	2.7
Choline salicylate with cetalkonium chloride	1.5 (6)	1.5
Hydrogen peroxide	0.0 (0)	0.0
Miconazole	2.8 (10)	2.8
Nystatin	8.8 (34)	8.8
Sodium carboxymethylcellulose	0.4 (1)	0.4
Thymol glycerin	0.2 (0)	0.2
Triamcinolone acetonide	4.7 (18)	4.7
Vitamins	Your Patients	National
Alfacalcidol	2.1 (8)	2.1
Alpha tocopheryl acetate	0.0 (0)	0.0
Ascorbic acid	14.5 (57)	14.5
Biotin	0.0 (0)	0.0
Calcitriol	13.9 (55)	13.9
Cholecalciferol	184.5 (732)	184.5
Hydroxocobalamin	21.2 (84)	21.2
Multivitamins	0.0 (0)	0.0
Pyridoxine hydrochloride	7.8 (30)	7.8
Thiamine hydrochloride	22.4 (88)	22.4
Vitamin A with vitamins D and C	2.7 (10)	2.7
Vitamin B complex	12.2 (48)	12.2
Vitamins	89.9 (356)	89.9

Blood and Blood Forming Organs

Antianaemics	Your Patients	National
Erythropoietin alpha	0.1 (0)	0.1
Erythropoietin beta	9.7 (38)	9.7
Folic acid	73.8 (292)	73.8
Antifibrinolytics, Haemostatics and Local Sclerosants	Your Patients	National
Phytomenadione	0.3 (1)	0.3
Sodium tetradecyl sulphate	0.0 (0)	0.0
Tranexamic acid	8.8 (34)	8.8
Antithrombotic Agents	Your Patients	National
Aspirin	584.7 (2319)	584.7
Clopidogrel	49.6 (196)	49.6
Dabigatran	23.0 (91)	23.0
Dipyridamole	37.6 (149)	37.6
Enoxaparin sodium	3.6 (14)	3.6
Heparinised saline	0.1 (0)	0.1
Heparin sodium	0.9 (3)	0.9

Blood and Blood Forming Organs (cont)

Antithrombotic Agents (cont)	Your Patients	National
Rivaroxaban	0.2 (0)	0.2
Warfarin sodium	82.8 (328)	82.8
Fluids and Electrolytes	Your Patients	National
Calcium polystyrene sulphonate	0.3 (1)	0.3
Compound electrolytes	10.7 (42)	10.7
Dextrose	0.0 (0)	0.0
Dextrose with electrolytes	14.1 (55)	14.1
Potassium bicarbonate	0.5 (1)	0.5
Potassium chloride	38.6 (153)	38.6
Sodium bicarbonate	1.6 (6)	1.6
Sodium chloride	3.7 (14)	3.7
Sodium polystyrene sulphonate	0.1 (0)	0.1
Total parenteral nutrition (TPN)	1.0 (4)	1.0
Water	3.3 (13)	3.3
Iron Overload	Your Patients	National
Deferiprone	0.0 (0)	0.0
Desferrioxamine mesylate	0.0 (0)	0.0
Lipid Modifying Agents	Your Patients	National
Acipimox	0.6 (2)	0.6
Atorvastatin	231.7 (918)	231.7
Bezafibrate	31.1 (123)	31.1
Cholestyramine with aspartame	0.6 (2)	0.6
Colestipol hydrochloride	0.6 (2)	0.6
Ezetimibe	33.0 (131)	33.0
Ezetimibe with simvastatin	3.9 (15)	3.9
Gemfibrozil	0.8 (3)	0.8
Nicotinic acid	3.8 (15)	3.8
Pravastatin	1.3 (5)	1.3
Simvastatin	480.9 (1907)	480.9

Cardiovascular System

Agents Affecting the Renin-Angiotensin System	Your Patients	National
Candesartan	90.6 (359)	90.6
Captopril	4.1 (16)	4.1
Cilazapril	264.9 (1050)	264.9
Cilazapril with hydrochlorothiazide	83.6 (331)	83.6
Enalapril	42.4 (168)	42.4
Enalapril with hydrochlorothiazide	1.4 (5)	1.4
Lisinopril	12.7 (50)	12.7
Losartan	42.6 (168)	42.6
Perindopril	1.2 (4)	1.2
Quinapril	178.6 (708)	178.6
Quinapril with hydrochlorothiazide	38.9 (154)	38.9
Trandolapril	0.2 (0)	0.2
Alpha Adrenoceptor Blockers	Your Patients	National
Doxazosin mesylate	78.7 (312)	78.7
Phenoxybenzamine hydrochloride	0.0 (0)	0.0
Phentolamine mesylate	0.0 (0)	0.0
Prazosin hydrochloride	0.2 (0)	0.2
Terazosin hydrochloride	34.0 (134)	34.0

Cardiovascular System (cont)

Antiarrhythmics	Your Patients	National
Amiodarone hydrochloride	16.6 (65)	16.6
Digoxin	63.3 (251)	63.3
Disopyramide phosphate	0.3 (1)	0.3
Flecainide acetate	11.1 (43)	11.1
Mexiletine hydrochloride	0.0 (0)	0.0
Propafenone hydrochloride	0.3 (1)	0.3
Antihypotensives	Your Patients	National
Midodrine	0.9 (3)	0.9
Beta Adrenoceptor Blockers	Your Patients	National
Atenolol	37.9 (150)	37.9
Carvedilol	39.7 (157)	39.7
Celiprolol	13.6 (54)	13.6
Labetalol	4.2 (16)	4.2
Metoprolol succinate	415.4 (1647)	415.4
Metoprolol tartrate	5.2 (20)	5.2
Nadolol	7.9 (31)	7.9
Pindolol	1.8 (7)	1.8
Propranolol	15.4 (61)	15.4
Sotalol	11.0 (43)	11.0
Timolol maleate	0.3 (1)	0.3
Calcium Channel Blockers	Your Patients	National
Amlodipine	73.6 (291)	73.6
Diltiazem hydrochloride	114.8 (455)	114.8
Felodipine	176.5 (700)	176.5
Isradipine	0.9 (3)	0.9
Nifedipine	7.7 (30)	7.7
Perhexiline maleate	4.0 (16)	4.0
Verapamil hydrochloride	14.0 (55)	14.0
Centrally Acting Agents	Your Patients	National
Clonidine	3.0 (12)	3.0
Clonidine hydrochloride	2.6 (10)	2.6
Methyldopa	1.8 (7)	1.8
Diuretics	Your Patients	National
Amiloride	0.1 (0)	0.1
Amiloride with frusemide	1.5 (5)	1.5
Amiloride with hydrochlorothiazide	5.7 (22)	5.7
Bendrofluzide	133.9 (531)	133.9
Bumetanide	6.0 (23)	6.0
Chlorothiazide	0.0 (0)	0.0
Chlorthalidone	6.2 (24)	6.2
Furosemide	228.0 (904)	228.0
Indapamide	7.2 (28)	7.2
Spironolactone	45.2 (179)	45.2
Nitrates	Your Patients	National
Glycerol trinitrate	21.6 (85)	21.6
Isosorbide mononitrate	89.0 (353)	89.0
Sympathomimetics	Your Patients	National
Adrenaline	0.4 (1)	0.4
Vasodilators	Your Patients	National
Ambrisentan	0.0 (0)	0.0
Amyl nitrite	0.0 (0)	0.0

Cardiovascular System (cont)

Vasodilators (cont)	Your Patients	National
Bosentan	0.1 (0)	0.1
Iloprost	0.0 (0)	0.0
Minoxidil	0.0 (0)	0.0
Oxyntentifylline	0.5 (1)	0.5
Papaverine hydrochloride	0.0 (0)	0.0
Sildenafil	0.5 (1)	0.5

Dermatologicals

Antiacne Preparations	Your Patients	National
Adapalene	5.5 (21)	5.5
Isotretinoin	11.0 (43)	11.0
Tretinoin	2.5 (9)	2.5

Antibacterials Topical	Your Patients	National
Fusidic acid	46.7 (185)	46.7
Hydrogen peroxide	6.4 (25)	6.4
Mupirocin	23.2 (91)	23.2
Silver sulphadiazine	0.7 (2)	0.7

Antifungals Topical	Your Patients	National
Amorolfine	0.1 (0)	0.1
Ciclopiroxolamine	2.9 (11)	2.9
Clotrimazole	15.5 (61)	15.5
Econazole nitrate	3.3 (12)	3.3
Miconazole nitrate	16.2 (64)	16.2
Nystatin	0.4 (1)	0.4

Antipruritic Preparations	Your Patients	National
Calamine	6.0 (23)	6.0
Crotamiton	5.0 (19)	5.0
Menthol	1.4 (5)	1.4

Antivirals Topical	Your Patients	National
Aciclovir	0.0 (0)	0.0

Barrier Creams and Emollients	Your Patients	National
Aqueous cream	55.5 (220)	55.5
Cetomacrogol	17.3 (68)	17.3
Dimethicone	0.0 (0)	0.0
Emulsifying ointment	18.5 (73)	18.5
Fish liver oil	0.0 (0)	0.0
Glycerol with paraffin and cetyl alcohol	0.0 (0)	0.0
Isopropyl myristate with mineral and pine needle oils	0.0 (0)	0.0
Oil in water emulsion	27.0 (107)	27.0
Paraffin	4.6 (18)	4.6
Urea	15.2 (60)	15.2
Wool fat with mineral oil	3.6 (14)	3.6
Zinc	0.0 (0)	0.0
Zinc and castor oil	6.3 (25)	6.3

Corticosteroids Topical	Your Patients	National
Betamethasone dipropionate	1.3 (5)	1.3
Betamethasone valerate	23.5 (93)	23.5
Betamethasone valerate with clioquinol	2.6 (10)	2.6
Betamethasone valerate with fusidic acid	5.6 (22)	5.6

Dermatologicals (cont)

Corticosteroids Topical (cont)	Your Patients	National
Clobetasol propionate	27.2 (107)	27.2
Clobetasone butyrate	2.9 (11)	2.9
Diflucortolone valerate	1.4 (5)	1.4
Hydrocortisone	44.2 (175)	44.2
Hydrocortisone butyrate	61.5 (243)	61.5
Hydrocortisone with miconazole	40.8 (161)	40.8
Hydrocortisone with natamycin and neomycin	39.5 (156)	39.5
Hydrocortisone with wool fat and mineral oil	10.1 (39)	10.1
Methylprednisolone aceponate	6.0 (23)	6.0
Mometasone furoate	25.3 (100)	25.3
Triamcinolone acetonide	3.2 (12)	3.2
Triamcinolone acetonide with gramicidin, neomycin and nystatin	6.8 (26)	6.8

Disinfecting and Cleansing Agents	Your Patients	National
Chlorhexidine gluconate	1.1 (4)	1.1
Chloroxylonol	0.0 (0)	0.0
Triclosan	0.3 (1)	0.3

Dusting Powders	Your Patients	National
Diphehanil methylsulphate	0.0 (0)	0.0

Minor Skin Infections	Your Patients	National
Povidone iodine	2.0 (8)	2.0

Other Skin Preparations	Your Patients	National
Capsaicin	1.4 (5)	1.4
Fluorouracil sodium	6.6 (26)	6.6
Magnesium sulphate	0.5 (2)	0.5

Parasitocidal Preparations	Your Patients	National
Gamma benzene hexachloride	0.7 (2)	0.7
Malathion	10.3 (40)	10.3
Permethrin	13.6 (53)	13.6

Psoriasis and Eczema Preparations	Your Patients	National
Acitretin	2.2 (8)	2.2
Betamethasone dipropionate with calcipotriol	1.3 (4)	1.3
Calcipotriol	6.7 (26)	6.7
Coal tar	4.1 (16)	4.1
Coal tar with allantoin, menthol, phenol and sulphur	0.1 (0)	0.1
Coal tar with salicylic acid and sulphur	1.8 (7)	1.8
Methoxsalen	0.0 (0)	0.0
Salicylic acid	4.9 (19)	4.9
Sulphur	0.3 (1)	0.3
Tar with triethanolamine lauryl sulphate and fluorescein	13.5 (53)	13.5

Scalp Preparations	Your Patients	National
Betamethasone valerate	4.9 (19)	4.9
Clobetasol propionate	2.3 (9)	2.3
Hydrocortisone butyrate	7.1 (27)	7.1
Ketoconazole	9.6 (37)	9.6

Sunscreens	Your Patients	National
Sunscreens, proprietary	0.2 (0)	0.2

Dermatologicals (cont)

Wart Preparations	Your Patients	National
Formaldehyde solution	0.0 (0)	0.0
Imiquimod	3.8 (15)	3.8
Podophyllotoxin	0.9 (3)	0.9

Genito-Urinary System

Antiandrogen Oral Contraceptives	Your Patients	National
Cyproterone acetate with ethinyloestradiol	16.5 (65)	16.5

Contraceptives - Hormonal	Your Patients	National
Ethinylestradiol with desogestrel	2.5 (10)	2.5
Ethinylestradiol with levonorgestrel	54.9 (217)	54.9
Ethinylestradiol with norethisterone	12.5 (49)	12.5
Levonorgestrel	5.4 (21)	5.4
Medroxyprogesterone acetate	1.5 (5)	1.5
Norethisterone	17.3 (68)	17.3
Norethisterone with mestranol	0.1 (0)	0.1

Contraceptives - Non-hormonal	Your Patients	National
Condoms	14.7 (58)	14.7
Diaphragm	0.0 (0)	0.0
Intra-uterine device	0.0 (0)	0.0

Detection of Substances in Urine	Your Patients	National
Ortho-tolidine	0.0 (0)	0.0
Tetrabromophenol	0.0 (0)	0.0

Gynaecological Anti-infectives	Your Patients	National
Acetic acid with hydroxyquinoline and ricinoleic acid	0.5 (1)	0.5
Clotrimazole	24.4 (96)	24.4
Miconazole nitrate	2.8 (11)	2.8
Nystatin	0.4 (1)	0.4

Myometrial and Vaginal Hormone Preparations	Your Patients	National
Ergometrine maleate	0.0 (0)	0.0
Oestriol	27.5 (109)	27.5
Oxytocin	0.0 (0)	0.0

Pregnancy Tests - hCG Urine	Your Patients	National
Pregnancy tests - HCG urine	0.1 (0)	0.1

Urinary Agents	Your Patients	National
Finasteride	13.4 (53)	13.4
Oxybutynin	33.1 (131)	33.1
Potassium citrate	0.1 (0)	0.1
Sodium citro-tartrate	11.0 (43)	11.0
Solifenacin succinate	15.5 (61)	15.5
Tamsulosin hydrochloride	3.4 (13)	3.4

Hormone Preparations - Systemic Excluding Contraceptive Hormones

Anabolic Agents	Your Patients	National
Nandrolone decanoate	0.0 (0)	0.0

Corticosteroids and Related Agents for Systemic Use	Your Patients	National
Betamethasone sodium phosphate with betamethasone acetate	0.1 (0)	0.1

Hormone Preparations - Systemic Excluding Contraceptive Hormones (cont)

Corticosteroids and Related Agents for Systemic Use (cont)	Your Patients	National
Dexamethasone	7.2 (28)	7.2
Dexamethasone sodium phosphate	0.7 (2)	0.7
Fludrocortisone acetate	6.1 (24)	6.1
Hydrocortisone	5.1 (20)	5.1
Methylprednisolone	0.3 (1)	0.3
Methylprednisolone acetate	0.2 (0)	0.2
Methylprednisolone acetate with lignocaine	0.2 (0)	0.2
Methylprednisolone sodium succinate	0.0 (0)	0.0
Prednisolone sodium phosphate	24.8 (98)	24.8
Prednisone	159.1 (631)	159.1
Tetracosactrin	0.0 (0)	0.0
Triamcinolone acetonide	3.6 (14)	3.6

Hormone Replacement Therapy - Systemic	Your Patients	National
Medroxyprogesterone acetate	6.9 (27)	6.9
Oestradiol	7.3 (28)	7.3
Oestradiol valerate	5.4 (21)	5.4
Oestradiol with norethisterone	6.9 (27)	6.9
Oestrogens	5.3 (21)	5.3
Oestrogens with medroxyprogesterone	1.3 (4)	1.3

Other Endocrine Agents	Your Patients	National
Cabergoline	2.0 (8)	2.0
Clomiphene citrate	2.1 (8)	2.1
Danazol	0.1 (0)	0.1
Gestrinone	0.1 (0)	0.1
Metypapone	0.0 (0)	0.0

Other Oestrogen Preparations	Your Patients	National
Ethinylestradiol	0.7 (2)	0.7
Oestriol	1.2 (4)	1.2

Other Progestogen Preparations	Your Patients	National
Levonorgestrel	1.0 (3)	1.0
Medroxyprogesterone acetate	0.2 (0)	0.2
Norethisterone	4.5 (17)	4.5

Sex Hormones Non Contraceptive	Your Patients	National
Cyproterone acetate	4.2 (16)	4.2
Testosterone	0.6 (2)	0.6
Testosterone cypionate	0.7 (2)	0.7
Testosterone esters	1.5 (5)	1.5
Testosterone undecanoate	2.5 (10)	2.5

Thyroid and Antithyroid Agents	Your Patients	National
Carbimazole	9.0 (35)	9.0
Levothyroxine	179.6 (712)	179.6
Propylthiouracil	0.1 (0)	0.1

Trophic Hormones	Your Patients	National
Goserelin acetate	2.4 (9)	2.4
Leuprorelin	1.6 (6)	1.6
Somatropin	0.3 (1)	0.3

Vasopressin Agonists	Your Patients	National
Desmopressin	2.2 (8)	2.2

Infections - Agents for Systemic Use

Anthelmintics	Your Patients	National
Mebendazole	2.5 (9)	2.5
Antibacterials	Your Patients	National
Amoxicillin	236.1 (936)	236.1
Amoxicillin clavulanate	178.2 (706)	178.2
Azithromycin	4.6 (18)	4.6
Benzathine benzylpenicillin	0.5 (1)	0.5
Benzylpenicillin sodium (penicillin G)	0.0 (0)	0.0
Cefaclor monohydrate	42.8 (169)	42.8
Cefazolin sodium	0.1 (0)	0.1
Cefoxitin sodium	0.0 (0)	0.0
Ceftriaxone sodium	0.1 (0)	0.1
Cefuroxime axetil	0.1 (0)	0.1
Cefuroxime sodium	0.0 (0)	0.0
Cephalexin monohydrate	4.9 (19)	4.9
Ciprofloxacin	23.3 (92)	23.3
Clarithromycin	0.4 (1)	0.4
Clindamycin	2.7 (10)	2.7
Colistin sulphomethate	0.0 (0)	0.0
Co-trimoxazole	39.0 (154)	39.0
Doxycycline hydrochloride	62.8 (248)	62.8
Erythromycin ethyl succinate	56.5 (223)	56.5
Erythromycin lactobionate	0.0 (0)	0.0
Erythromycin stearate	2.4 (9)	2.4
Flucloxacillin sodium	107.8 (427)	107.8
Fusidic acid	0.1 (0)	0.1
Gentamicin sulphate	0.1 (0)	0.1
Minocycline hydrochloride	3.8 (14)	3.8
Moxifloxacin	0.1 (0)	0.1
Phenoxyethylpenicillin (Penicillin V)	29.2 (115)	29.2
Procaine penicillin	0.0 (0)	0.0
Roxithromycin	55.1 (218)	55.1
Spiramycin	0.0 (0)	0.0
Tobramycin	0.1 (0)	0.1
Trimethoprim	38.9 (154)	38.9
Vancomycin hydrochloride	0.2 (0)	0.2
Antifungals	Your Patients	National
Fluconazole	7.5 (29)	7.5
Itraconazole	3.7 (14)	3.7
Ketoconazole	0.3 (1)	0.3
Nystatin	1.0 (3)	1.0
Terbinafine	14.7 (58)	14.7
Antimalarials	Your Patients	National
Hydroxychloroquine sulphate	10.1 (40)	10.1
Antiretrovirals	Your Patients	National
Abacavir sulphate	0.2 (0)	0.2
Abacavir sulphate with lamivudine	0.4 (1)	0.4
Atazanavir sulphate	0.5 (2)	0.5
Darunavir	0.1 (0)	0.1
Didanosine [DDI]	0.0 (0)	0.0
Efavirenz	1.4 (5)	1.4
Emtricitabine	1.7 (6)	1.7

Infections - Agents for Systemic Use (cont)

Antiretrovirals - Additional Therapies	Your Patients	National
Enfuvirtide	0.0 (0)	0.0
Antiretrovirals (cont)	Your Patients	National
Etravirine	0.1 (0)	0.1
Indinavir	0.0 (0)	0.0
Lamivudine	0.1 (0)	0.1
Lopinavir with ritonavir	0.3 (1)	0.3
Nevirapine	0.5 (1)	0.5
Raltegravir potassium	0.3 (1)	0.3
Ritonavir	0.6 (2)	0.6
Stavudine [d4T]	0.0 (0)	0.0
Zidovudine [AZT]	0.1 (0)	0.1
Zidovudine [AZT] with lamivudine	0.5 (1)	0.5
Antitrichomonal Agents	Your Patients	National
Metronidazole	22.4 (88)	22.4
Ornidazole	4.1 (16)	4.1
Antituberculotics and Antileprotics	Your Patients	National
Dapsone	0.6 (2)	0.6
Ethambutol hydrochloride	0.4 (1)	0.4
Isoniazid	0.7 (2)	0.7
Pyrazinamide	0.1 (0)	0.1
Rifabutin	0.0 (0)	0.0
Rifampicin	0.8 (3)	0.8
Antivirals	Your Patients	National
Aciclovir	21.5 (85)	21.5
Adefovir dipivoxil	0.5 (2)	0.5
Entecavir	1.7 (6)	1.7
Lamivudine	2.2 (8)	2.2
Tenofovir disoproxil fumarate	3.0 (11)	3.0
Valaciclovir	0.3 (1)	0.3
Immune Modulators	Your Patients	National
Interferon alpha-2a	0.1 (0)	0.1
Interferon alpha-2b	0.0 (0)	0.0
Pegylated interferon alpha-2a	0.8 (2)	0.8
Urinary Tract Infections	Your Patients	National
Hexamine hippurate	0.9 (3)	0.9
Nitrofurantoin	19.6 (77)	19.6
Norfloxacin	22.0 (87)	22.0

Musculoskeletal System

Anticholinesterases	Your Patients	National
Neostigmine	0.0 (0)	0.0
Pyridostigmine bromide	1.0 (4)	1.0
Antirheumatoid Agents	Your Patients	National
Adalimumab	5.4 (21)	5.4
Auranofin	0.0 (0)	0.0
Etanercept	1.1 (4)	1.1
Leflunomide	6.9 (27)	6.9
Penicillamine	0.2 (0)	0.2
Sodium aurothiomalate	0.2 (0)	0.2
Drugs Affecting Bone Metabolism	Your Patients	National
Alendronate sodium	28.4 (112)	28.4

Musculoskeletal System (cont)

Drugs Affecting Bone Metabolism (cont)	Your Patients	National
Alendronate sodium with cholecalciferol	88.8 (352)	88.8
Calcitonin	0.0 (0)	0.0
Etidronate disodium	7.6 (30)	7.6
Pamidronate disodium	0.2 (0)	0.2
Raloxifene hydrochloride	0.1 (0)	0.1
Teriparatide	0.1 (0)	0.1
Zoledronic acid	1.1 (4)	1.1
Hyperuricaemia and Antigout	Your Patients	National
Allopurinol	136.5 (541)	136.5
Colchicine	18.2 (72)	18.2
Probenecid	2.3 (9)	2.3
Muscle Relaxants	Your Patients	National
Baclofen	9.9 (39)	9.9
Dantrolene sodium	0.4 (1)	0.4
Orphenadrine citrate	13.9 (55)	13.9
Quinine sulphate	12.1 (48)	12.1
Non-steroidal Anti-inflammatory Drugs (NSAIDs)	Your Patients	National
Diclofenac sodium	136.9 (543)	136.9
Ibuprofen	174.1 (690)	174.1
Indomethacin	0.2 (0)	0.2
Ketoprofen	0.9 (3)	0.9
Mefenamic acid	1.9 (7)	1.9
Meloxicam	0.1 (0)	0.1
Naproxen	48.5 (192)	48.5
Naproxen sodium	0.1 (0)	0.1
Sulindac	0.4 (1)	0.4
Tenoxicam	8.8 (35)	8.8
Tiaprofenic acid	0.4 (1)	0.4

Nervous System

Agents for Parkinsonism and Related Disorders	Your Patients	National
Amantadine hydrochloride	2.9 (11)	2.9
Apomorphine hydrochloride	0.1 (0)	0.1
Benzotropine mesylate	14.0 (55)	14.0
Bromocriptine mesylate	0.6 (2)	0.6
Entacapone	2.2 (8)	2.2
Levodopa with benserazide	8.1 (32)	8.1
Levodopa with carbidopa	18.2 (72)	18.2
Lisuride hydrogen maleate	0.4 (1)	0.4
Orphenadrine hydrochloride	1.8 (7)	1.8
Pergolide	0.3 (1)	0.3
Procyclidine hydrochloride	6.4 (25)	6.4
Ropinirole hydrochloride	5.5 (21)	5.5
Selegiline hydrochloride	0.8 (3)	0.8
Tetrabenazine	0.7 (2)	0.7
Tolcapone	0.4 (1)	0.4
Anaesthetics	Your Patients	National
Lignocaine	0.3 (1)	0.3
Lignocaine hydrochloride	0.9 (3)	0.9

Nervous System (cont)

Anaesthetics (cont)	Your Patients	National
Lignocaine with chlorhexidine	0.1 (0)	0.1
Lignocaine with prilocaine	0.1 (0)	0.1
Analgesics	Your Patients	National
Aspirin	18.3 (72)	18.3
Buprenorphine hydrochloride	0.0 (0)	0.0
Codeine phosphate	115.1 (456)	115.1
Dihydrocodeine tartrate	26.2 (103)	26.2
Fentanyl	8.8 (34)	8.8
Fentanyl citrate	0.5 (1)	0.5
Methadone hydrochloride	426.5 (1691)	426.5
Morphine hydrochloride	8.8 (34)	8.8
Morphine sulphate	81.7 (324)	81.7
Morphine tartrate	0.7 (2)	0.7
Nefopam hydrochloride	2.3 (9)	2.3
Oxycodone hydrochloride	90.3 (358)	90.3
Paracetamol	628.9 (2494)	628.9
Paracetamol with codeine	99.3 (394)	99.3
Pethidine hydrochloride	2.8 (11)	2.8
Tramadol hydrochloride	92.4 (366)	92.4
Antidepressants	Your Patients	National
Amitriptyline	147.0 (583)	147.0
Citalopram hydrobromide	174.5 (692)	174.5
Clomipramine hydrochloride	7.0 (27)	7.0
Dothiepin hydrochloride	24.9 (98)	24.9
Doxepin hydrochloride	23.2 (91)	23.2
Escitalopram	15.4 (61)	15.4
Fluoxetine hydrochloride	106.7 (423)	106.7
Imipramine hydrochloride	6.4 (25)	6.4
Maprotiline hydrochloride	0.4 (1)	0.4
Mianserin hydrochloride	1.2 (4)	1.2
Mirtazapine	17.6 (69)	17.6
Moclobemide	6.7 (26)	6.7
Nortriptyline hydrochloride	72.6 (288)	72.6
Paroxetine hydrochloride	92.8 (368)	92.8
Phenelzine sulphate	0.3 (1)	0.3
Sertraline	9.1 (36)	9.1
Tranlycypromine sulphate	0.6 (2)	0.6
Venlafaxine	88.7 (352)	88.7
Antiepilepsy Drugs	Your Patients	National
Carbamazepine	34.1 (135)	34.1
Clobazam	5.4 (21)	5.4
Clonazepam	61.5 (243)	61.5
Diazepam	0.7 (2)	0.7
Ethosuximide	0.3 (1)	0.3
Gabapentin	41.9 (166)	41.9
Gabapentin (Neurontin)	0.6 (2)	0.6
Lacosamide	0.3 (1)	0.3
Lamotrigine	29.0 (115)	29.0
Levetiracetam	5.0 (19)	5.0
Paraldehyde	0.0 (0)	0.0
Phenobarbitone	1.7 (6)	1.7
Phenytoin sodium	19.5 (77)	19.5

Nervous System (cont)

Antiepilepsy Drugs (cont)	Your Patients	National
Primidone	1.6 (6)	1.6
Sodium valproate	83.3 (330)	83.3
Topiramate	11.4 (45)	11.4
Vigabatrin	0.4 (1)	0.4
Antimigraine Preparations	Your Patients	National
Clonidine hydrochloride	6.2 (24)	6.2
Ergotamine tartrate with caffeine	2.1 (8)	2.1
Metoclopramide hydrochloride with paracetamol	5.1 (20)	5.1
Pizotifen	3.4 (13)	3.4
Rizatriptan	18.1 (71)	18.1
Sumatriptan	14.9 (59)	14.9
Antinausea and Vertigo Agents	Your Patients	National
Aprepitant	0.9 (3)	0.9
Bethahistine dihydrochloride	6.2 (24)	6.2
Cyclizine hydrochloride	8.4 (33)	8.4
Cyclizine lactate	0.6 (2)	0.6
Domperidone	24.2 (96)	24.2
Hyoscine hydrobromide	0.2 (0)	0.2
Hyoscine (scopolamine)	0.5 (2)	0.5
Metoclopramide hydrochloride	32.2 (127)	32.2
Ondansetron	15.0 (59)	15.0
Prochlorperazine	24.3 (96)	24.3
Promethazine theoclate	0.0 (0)	0.0
Tropisetron	0.2 (0)	0.2
Antipsychotics	Your Patients	National
Amisulpride	4.5 (17)	4.5
Aripiprazole	7.8 (31)	7.8
Chlorpromazine hydrochloride	6.2 (24)	6.2
Clozapine	41.6 (164)	41.6
Droperidol	0.0 (0)	0.0
Flupenthixol decanoate	1.5 (5)	1.5
Fluphenazine decanoate	0.7 (2)	0.7
Haloperidol	12.3 (48)	12.3
Haloperidol decanoate	0.6 (2)	0.6
Levomepromazine	6.5 (25)	6.5
Lithium carbonate	28.0 (111)	28.0
Olanzapine	58.2 (231)	58.2
Olanzapine pamoate monohydrate	0.2 (0)	0.2
Pericyazine	1.1 (4)	1.1
Pimozide	0.0 (0)	0.0
Pipothiazine palmitate	0.3 (1)	0.3
Quetiapine	127.9 (507)	127.9
Risperidone	62.9 (249)	62.9
Trifluoperazine hydrochloride	3.4 (13)	3.4
Ziprasidone	2.7 (10)	2.7
Zuclopenthixol decanoate	1.0 (4)	1.0
Zuclopenthixol hydrochloride	0.6 (2)	0.6
Anxiolytics	Your Patients	National
Alprazolam	5.6 (22)	5.6

Nervous System (cont)

Anxiolytics (cont)	Your Patients	National
Buspirone hydrochloride	3.2 (12)	3.2
Diazepam	76.6 (303)	76.6
Lorazepam	49.5 (196)	49.5
Oxazepam	8.8 (35)	8.8
Multiple Sclerosis Treatments	Your Patients	National
Glatiramer acetate	0.4 (1)	0.4
Interferon beta-1-alpha	0.5 (1)	0.5
Interferon beta-1-beta	0.6 (2)	0.6
Sedatives and Hypnotics	Your Patients	National
Lormetazepam	0.3 (1)	0.3
Midazolam	5.2 (20)	5.2
Nitrazepam	5.7 (22)	5.7
Temazepam	32.3 (128)	32.3
Triazolam	34.5 (137)	34.5
Zopiclone	214.7 (851)	214.7
Stimulants/ADHD Treatments	Your Patients	National
Atomoxetine	1.1 (4)	1.1
Dexamphetamine sulphate	1.4 (5)	1.4
Methylphenidate hydrochloride	21.1 (83)	21.1
Methylphenidate hydrochloride extended-release	11.8 (46)	11.8
Modafinil	0.1 (0)	0.1
Treatments for Dementia	Your Patients	National
Donepezil hydrochloride	14.1 (56)	14.1
Treatments for Opioid Overdose	Your Patients	National
Naloxone hydrochloride	0.0 (0)	0.0
Treatments for Substance Dependence	Your Patients	National
Bupropion hydrochloride	12.9 (51)	12.9
Disulfiram	7.0 (27)	7.0
Naltrexone hydrochloride	1.1 (4)	1.1
Nicotine	45.4 (179)	45.4
Varenicline tartrate	27.7 (109)	27.7

Oncology Agents and Immunosuppressants

Chemotherapeutic Agents	Your Patients	National
Amsacrine	0.0 (0)	0.0
Anagrelide hydrochloride	0.1 (0)	0.1
Arsenic trioxide	0.0 (0)	0.0
Bleomycin sulphate	0.2 (0)	0.2
Bortezomib	1.2 (4)	1.2
Busulphan	0.1 (0)	0.1
Calcium folinate	1.8 (7)	1.8
Capecitabine	2.4 (9)	2.4
Carboplatin	1.2 (4)	1.2
Carmustine	0.0 (0)	0.0
Chlorambucil	0.3 (1)	0.3
Cisplatin	0.8 (3)	0.8
Cladribine	0.0 (0)	0.0
Colaspase (L-asparaginase)	0.0 (0)	0.0
Cyclophosphamide	2.7 (10)	2.7

Oncology Agents and Immunosuppressants (cont)

Chemotherapeutic Agents (cont)	Your Patients	National
Cytarabine	0.5 (2)	0.5
Dacarbazine	0.2 (0)	0.2
Dactinomycin (actinomycin D)	0.0 (0)	0.0
Dasatinib	0.1 (0)	0.1
Daunorubicin	0.1 (0)	0.1
Docetaxel	0.8 (3)	0.8
Doxorubicin	1.4 (5)	1.4
Epirubicin	0.9 (3)	0.9
Erlotinib hydrochloride	0.1 (0)	0.1
Etoposide	0.3 (1)	0.3
Etoposide phosphate	0.7 (2)	0.7
Fludarabine phosphate	0.2 (0)	0.2
Fluorouracil sodium	3.5 (13)	3.5
Gemcitabine hydrochloride	0.9 (3)	0.9
Hydroxyurea	4.7 (18)	4.7
Idarubicin hydrochloride	0.0 (0)	0.0
Ifosfamide	0.2 (0)	0.2
Imatinib mesylate	0.9 (3)	0.9
Irinotecan	0.7 (2)	0.7
Lomustine	0.0 (0)	0.0
Melphalan	0.2 (0)	0.2
Mercaptopurine	1.8 (7)	1.8
Mesna	0.3 (1)	0.3
Methotrexate	24.1 (95)	24.1
Mitomycin C	0.1 (0)	0.1
Mitozantrone	0.1 (0)	0.1
Oxaliplatin	1.1 (4)	1.1
Paclitaxel	1.8 (6)	1.8
Procarbazine hydrochloride	0.1 (0)	0.1
Sunitinib	0.1 (0)	0.1
Temozolomide	0.5 (1)	0.5
Thalidomide	0.4 (1)	0.4
Thioguanine	0.0 (0)	0.0
Thiotepa	0.0 (0)	0.0
Tretinoin	0.0 (0)	0.0
Vinblastine sulphate	0.2 (0)	0.2
Vincristine sulphate	1.3 (5)	1.3
Vinorelbine	0.4 (1)	0.4
Endocrine Therapy	Your Patients	National
Anastrozole	6.6 (26)	6.6
Bicalutamide	1.7 (6)	1.7
Exemestane	1.2 (4)	1.2
Flutamide	1.5 (5)	1.5
Letrozole	4.3 (16)	4.3
Megestrol acetate	0.4 (1)	0.4
Octreotide (somatostatin analogue)	0.7 (2)	0.7
Tamoxifen citrate	6.7 (26)	6.7
Immunosuppressants	Your Patients	National
Antithymocyte globulin (equine)	0.0 (0)	0.0
Azathioprine	7.8 (31)	7.8
Bacillus Calmette-Guerin (BCG) vaccine	0.1 (0)	0.1

Oncology Agents and Immunosuppressants (cont)

Immunosuppressants (cont)	Your Patients	National
Cyclosporin	6.1 (24)	6.1
Mycophenolate mofetil	4.4 (17)	4.4
Rituximab	1.0 (4)	1.0
Sirolimus	0.2 (0)	0.2
Tacrolimus	3.8 (15)	3.8
Trastuzumab	1.6 (6)	1.6

Respiratory System and Allergies

Antiallergy Preparations	Your Patients	National
Bee venom allergy treatment	0.1 (0)	0.1
Wasp venom allergy treatment	0.0 (0)	0.0
Antihistamines	Your Patients	National
Cetirizine hydrochloride	77.8 (308)	77.8
Chlorpheniramine maleate	9.5 (37)	9.5
Dextrochlorpheniramine maleate	1.2 (4)	1.2
Fexofenadine hydrochloride	1.0 (3)	1.0
Loratadine	114.1 (452)	114.1
Promethazine hydrochloride	30.0 (119)	30.0
Trimeprazine tartrate	0.4 (1)	0.4
Beta-Adrenoceptor Agonists	Your Patients	National
Salbutamol	295.5 (1172)	295.5
Terbutaline sulphate	17.0 (67)	17.0
Cough Preparations	Your Patients	National
Opiate squill	0.0 (0)	0.0
Pholcodine	0.0 (0)	0.0
Inhaled Anticholinergic Agents	Your Patients	National
Ipratropium bromide	15.5 (61)	15.5
Salbutamol with ipratropium bromide	37.9 (150)	37.9
Tiotropium bromide	34.7 (137)	34.7
Inhaled Corticosteroids	Your Patients	National
Beclomethasone dipropionate	14.1 (55)	14.1
Budesonide	14.9 (59)	14.9
Fluticasone	153.9 (610)	153.9
Inhaled Long-acting Beta-adrenoceptor Agonists	Your Patients	National
Budesonide with eformoterol	66.8 (264)	66.8
Eformoterol fumarate	9.5 (37)	9.5
Fluticasone with salmeterol	75.0 (297)	75.0
Salmeterol	23.3 (92)	23.3
Mast Cell Stabilisers	Your Patients	National
Nedocromil	1.0 (3)	1.0
Sodium cromoglycate	0.5 (2)	0.5
Methylxanthines	Your Patients	National
Aminophylline	0.0 (0)	0.0
Theophylline	3.4 (13)	3.4
Mucolytics	Your Patients	National
Dornase alfa	0.1 (0)	0.1
Sodium chloride	0.4 (1)	0.4
Nasal Preparations	Your Patients	National
Beclomethasone dipropionate	36.8 (146)	36.8

Respiratory System and Allergies (cont)

Nasal Preparations (cont)	Your Patients	National
Budesonide	25.9 (102)	25.9
Fluticasone propionate	80.5 (319)	80.5
Ipratropium bromide	7.3 (28)	7.3
Pseudoephedrine hydrochloride	0.0 (0)	0.0
Sodium cromoglycate	0.6 (2)	0.6
Respiratory Devices	Your Patients	National
Mask for spacer device	0.1 (0)	0.1
Peak flow meter	0.0 (0)	0.0
Spacer device	0.1 (0)	0.1
Spacer device autoclavable	0.0 (0)	0.0
Respiratory Stimulants	Your Patients	National
Caffeine citrate	0.0 (0)	0.0

Sensory Organs

Ear/Eye Preparations	Your Patients	National
Dexamethasone with framycetin and gramicidin	16.6 (65)	16.6
Framycetin sulphate	1.0 (3)	1.0
Ear Preparations	Your Patients	National
Acetic acid with 1, 2- propanediol diacetate and benzethonium	1.1 (4)	1.1
Chloramphenicol	1.0 (4)	1.0
Flumetasone pivalate	7.8 (30)	7.8
Triamcinolone acetonide with gramicidin, neomycin and nystatin	5.3 (20)	5.3
Eye Preparations	Your Patients	National
Acetazolamide	1.7 (6)	1.7
Aciclovir	1.0 (4)	1.0
Atropine sulphate	1.0 (3)	1.0
Betaxolol hydrochloride	0.7 (2)	0.7
Bimatoprost	11.3 (44)	11.3
Brimonidine tartrate	2.7 (10)	2.7
Brimonidine tartrate with timolol maleate	5.0 (19)	5.0
Brinzolamide	6.0 (23)	6.0

Sensory Organs (cont)

Eye Preparations (cont)	Your Patients	National
Chloramphenicol	61.3 (243)	61.3
Ciprofloxacin	2.8 (11)	2.8
Cyclopentolate hydrochloride	0.6 (2)	0.6
Dexamethasone	3.4 (13)	3.4
Dexamethasone with neomycin and polymyxin b sulphate	4.1 (16)	4.1
Diclofenac sodium	1.9 (7)	1.9
Dorzolamide hydrochloride	0.4 (1)	0.4
Dorzolamide hydrochloride with timolol maleate	5.9 (23)	5.9
Fluorometholone	1.5 (5)	1.5
Fusidic acid	7.7 (30)	7.7
Gentamicin sulphate	0.1 (0)	0.1
Homatropine hydrobromide	0.0 (0)	0.0
Hypromellose	17.6 (69)	17.6
Latanoprost	36.5 (144)	36.5
Levobunolol	0.4 (1)	0.4
Levocabastine	7.4 (29)	7.4
Lodoxamide trometamol	5.8 (22)	5.8
Naphazoline hydrochloride	1.5 (5)	1.5
Paraffin liquid with soft white paraffin	5.1 (20)	5.1
Paraffin liquid with wool fat liquid	1.2 (4)	1.2
Phenylephrine hydrochloride	0.6 (2)	0.6
Pilocarpine	0.8 (3)	0.8
Polyvinyl alcohol	4.7 (18)	4.7
Prednisolone acetate	8.1 (32)	8.1
Propamide isethionate	0.0 (0)	0.0
Sodium cromoglycate	9.7 (38)	9.7
Sulphacetamide sodium	0.1 (0)	0.1
Timolol maleate	7.9 (31)	7.9
Tobramycin	0.2 (0)	0.2
Travoprost	5.6 (22)	5.6
Tropicamide	0.0 (0)	0.0
Tyloxapol	0.1 (0)	0.1

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	0.3 (1)	0.3
Cortisol, serum	3.3 (13)	3.3
Cortisol, (stimulation or suppression tests)	0.2 (0)	0.2
Urine free cortisol	0.3 (1)	0.3
Vanilylmandelic acid, 24 hr urine	0.0 (0)	0.0
Antenatal	Your Patients	National
Antenatal antibodies, including Coombs test	0.3 (0)	0.3
Antenatal subsequent groups	17.2 (68)	17.2

Antenatal (cont)	Your Patients	National
First antenatal group	12.2 (48)	12.2
HIV antenatal screening	5.3 (20)	5.3
Kleihauer stain	0.0 (0)	0.0
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	0.0 (0)	0.0
Bicarbonate or total CO ₂ (Serum)	3.5 (13)	3.5
pH, pO ₂ , and pCO ₂	2.2 (8)	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	1.3 (5)	1.3
Cytological examination of smears from other sites(per accession)	5.5 (21)	5.5
Cytological urgent examination of smear taken during surgery, extra	0.0 (0)	0.0
Histology - frozen section during surgery, extra	0.2 (0)	0.2
Histology (per accession)	48.0 (190)	48.0
Immunochemistry, first stain	2.0 (8)	2.0
Immunochemistry, subsequent stains (up to a maximum of 5 in total)	4.1 (16)	4.1
Immunocytochemistry, first stain	0.8 (3)	0.8
Immunocytochemistry, subsequent stains (up to a maximum of 5 in total)	1.2 (4)	1.2
NCSP	106.6 (422)	106.6

Diagnostic Immunological & Serological Tests	Your Patients	National
Antistreptococcal antibodies	2.5 (9)	2.5
Autoantibodies, other	44.1 (175)	44.1
Auto-immune disease, anti-nuclear antibody	13.9 (55)	13.9
Auto-immune disease, anti-nuclear antibody titre	3.6 (14)	3.6
Auto-immune disease, thyroid	12.8 (50)	12.8
Brucella antibodies	0.1 (0)	0.1
Chlamydia direct antigen test	63.5 (251)	63.5
CM virus, specific antibody titre	6.1 (24)	6.1
C-reactive protein test	190.6 (756)	190.6
Epstein-Barr virus IgG antibody	7.3 (28)	7.3
Epstein-Barr virus IgM antibody	5.6 (22)	5.6
Giardia direct antigen test	14.8 (58)	14.8
Hepatitis A IgG antibody	5.1 (20)	5.1
Hepatitis A IgM antibody	4.2 (16)	4.2
Hepatitis B (anti HBc) antibody	4.4 (17)	4.4
Hepatitis B - (Anti HBs) antibody	16.6 (65)	16.6
Hepatitis B (HBe) e antigen	1.8 (7)	1.8
Hepatitis B - (HBsAg) surface antigen	18.0 (71)	18.0
Hepatitis C antibody	12.7 (50)	12.7
Herpes virus direct antigen test	1.3 (5)	1.3
HIV Screen test	18.7 (74)	18.7
Hydatids antibody	0.0 (0)	0.0
Leptospira agglutination screen test	0.2 (0)	0.2
Leptospira specific antibody test	0.0 (0)	0.0
Paul-Bunnell (or equivalent)	2.6 (10)	2.6
Prostate Specific Antigen	81.8 (324)	81.8
Rheumatoid factor - Rose Waaler test	14.0 (55)	14.0
Rotovirus direct antigen test	4.6 (18)	4.6
Rubella antibodies - IgG	2.9 (11)	2.9
Rubella antibodies - IgM	0.1 (0)	0.1
Skin tests, immediate hypersensitivity	33.4 (132)	33.4
Syphilis - confirmatory specific antibody test	0.3 (0)	0.3
Syphilis - specific antibody test	5.8 (22)	5.8
Syphilis - VDRL or other reagin test	3.1 (12)	3.1

Diagnostic Immunological & Serological Tests (cont)	Your Patients	National
Toxoplasma antibodies IgG	1.2 (4)	1.2
Toxoplasma antibodies IgM	1.2 (4)	1.2
Tuberculin skin test	0.4 (1)	0.4

Electrolyte Tests	Your Patients	National
Calcium 24 hr. urine	0.3 (1)	0.3
Calcium, serum	66.3 (262)	66.3
Chloride, serum	16.1 (63)	16.1
Magnesium, serum	12.3 (48)	12.3
Magnesium, urine	0.0 (0)	0.0
Phosphate, serum	51.6 (204)	51.6
Potassium, 24 hr. urine	0.0 (0)	0.0
Potassium, serum	11.1 (43)	11.1
Sodium, 24 hr. urine	0.1 (0)	0.1
Sodium & Potassium 24 hr urine	0.3 (1)	0.3
Sodium & Potassium, serum	382.5 (1517)	382.5
Sodium, serum	12.0 (47)	12.0

Enzyme Tests	Your Patients	National
Acid phosphatase, serum	0.4 (1)	0.4
Alanine transaminase - ALT	31.8 (126)	31.8
Alkaline phosphatase, serum	25.4 (100)	25.4
Amylase	14.2 (56)	14.2
Asparate amino transferase, serum - AST	20.6 (81)	20.6
Creatine kinase, serum (CK)	16.8 (66)	16.8
Gamma glutamyl transferase, serum (GGT)	25.0 (99)	25.0
Myocardial screen	0.0 (0)	0.0
Other enzymes where specifically requested	3.8 (14)	3.8

Faeces Tests	Your Patients	National
Faecal occult blood, human haemoglobin specific	25.2 (99)	25.2
Faecal reducing substances	0.2 (0)	0.2

Glucose Tests	Your Patients	National
Fructosamine	0.0 (0)	0.0
Glucose Tolerance Test post-polycose	8.9 (35)	8.9
Glucose Tolerance Test standard	10.7 (42)	10.7
Glycosylated haemoglobin	199.0 (789)	199.0
Serum glucose	247.2 (980)	247.2

Haematology Tests	Your Patients	National
Anti human globulin test including Coombs test	0.5 (1)	0.5
Bleeding time	0.0 (0)	0.0
Blood Group Antibodies	0.0 (0)	0.0
Blood Grouping - ABO/ Rhesus group	2.4 (9)	2.4
Blood grouping - Rhesus - phenotyping	0.0 (0)	0.0
Blood grouping - Rhesus - titre	0.1 (0)	0.1
Bone marrow aspirate - (per site, not per slide)	0.1 (0)	0.1
Coagulation factors individual assays	3.9 (15)	3.9
Coagulation profile	0.4 (1)	0.4
Coagulation profile (Group H06 - H07 - S01)	4.8 (18)	4.8
Complete blood count (CBC)	513.0 (2035)	513.0
Erythrocyte sedimentation rate (ESR)	52.8 (209)	52.8
Fibrinogen (qualitative)	0.0 (0)	0.0

Haematology Tests (cont)	Your Patients	National
Fibrinogen (quantitative)	5.4 (21)	5.4
Haemoglobin pigments - qualitative	1.1 (4)	1.1
Haemoglobin pigments - quantitative	0.9 (3)	0.9
Partial thromboplastin clotting time	2.3 (9)	2.3
Plasma prothrombin ratio	181.6 (720)	181.6
Red blood cell inclusion bodies	3.2 (12)	3.2
Red cell or white cell enzyme	0.1 (0)	0.1
Thrombin time	0.6 (2)	0.6
Haemopoietic Tests	Your Patients	National
Ferritin, serum	220.8 (876)	220.8
Folate plus Vitamin B12, serum	112.5 (446)	112.5
Folate, red cell	3.7 (14)	3.7
Iron binding capacity, serum	52.3 (207)	52.3
Iron, serum	88.6 (351)	88.6
Transferrin, serum	35.3 (139)	35.3
Lipid Tests	Your Patients	National
Cholesterol total, serum	7.0 (27)	7.0
Fasting lipid group test	281.4 (1116)	281.4
Lipoproteins, electrophoresis, serum	0.0 (0)	0.0
Triglycerides, fasting only	5.8 (22)	5.8
Liver Tests	Your Patients	National
Alcohol, diagnostic purposes only	0.2 (0)	0.2
Bilirubin total, conjugated & unconjugated serum	0.7 (2)	0.7
Bilirubin total, serum	19.7 (78)	19.7
Liver function group	318.3 (1262)	318.3
Microbiology Tests	Your Patients	National
Aspirates, culture and sensitivities	0.9 (3)	0.9
Blood culture	1.4 (5)	1.4
Enteric pathogens (faeces or rectal swab)	22.8 (90)	22.8
Film (concentrated) examination for filaria	0.2 (0)	0.2
Film - examination for malaria, filaria, &/or gonococci	0.6 (2)	0.6
Mycology - skin	10.7 (42)	10.7
Other, culture, sensitivities and identification	8.2 (32)	8.2
Ova and cysts	9.8 (38)	9.8
Seminal fluid - fertility	1.2 (4)	1.2
Seminal fluid - post vasectomy	1.4 (5)	1.4
Sputum (excluding tuberculosis)	4.8 (19)	4.8
Swab, cervical	17.4 (69)	17.4
Swab, ear	3.0 (11)	3.0
Swab, eye	1.9 (7)	1.9
Swab, nasal	1.6 (6)	1.6
Swab, peri-anal	0.2 (0)	0.2
Swab, rectal for sexually transmitted diseases	0.1 (0)	0.1
Swab, skin/wound/pus	41.2 (163)	41.2
Swab, throat	34.3 (136)	34.3
Swab, urethral	3.4 (13)	3.4
Swab, vaginal	64.6 (256)	64.6
Tuberculosis - gastric aspirate	0.0 (0)	0.0
Tuberculosis - other sites	0.1 (0)	0.1

Microbiology Tests (cont)	Your Patients	National
Tuberculosis - sputum	1.1 (4)	1.1
Tuberculosis - urine	0.2 (0)	0.2
Urine culture - (with colony count, identification and sensitivities where indicated)	156.1 (619)	156.1
Monitoring Tests For Drugs	Your Patients	National
Antiepileptics	6.0 (23)	6.0
Digoxin	3.4 (13)	3.4
Lithium	3.2 (12)	3.2
Theophylline	0.0 (0)	0.0
Vancomycin	0.0 (0)	0.0
Protein Tests	Your Patients	National
Albumin, serum	46.9 (186)	46.9
Electrophoresis concentrated urine	1.0 (4)	1.0
Immunglobulins (IgA, IgE, IgG, or IgM)	34.0 (134)	34.0
Microalbumin, early morning urine	69.7 (276)	69.7
Paraprotein Identification	1.3 (5)	1.3
Protein electrophoretic pattern, serum	9.8 (38)	9.8
Proteins, 24 hr. urine	6.1 (24)	6.1
Proteins total, serum	26.4 (104)	26.4
Renal Tests	Your Patients	National
Creatinine, 24 hr urine	4.4 (17)	4.4
Creatinine clearance test	3.6 (14)	3.6
Creatinine, serum	447.6 (1775)	447.6
Osmolality	0.0 (0)	0.0
Urate or uric acid, serum	101.3 (401)	101.3
Urea, serum	86.8 (344)	86.8
Urinary calculus analysis	0.0 (0)	0.0
Reproductive System Tests	Your Patients	National
Chorionic Gonadotrophin qualitative plus quantitative (HCG)	23.0 (91)	23.0
Follicle stimulating hormone (FSH)	17.8 (70)	17.8
Luteinising hormone (LH)	19.1 (75)	19.1
Oestradiol, serum	17.0 (67)	17.0
Progesterone, serum	12.4 (49)	12.4
Prolactin, serum	7.5 (29)	7.5
Serum Testosterone	6.9 (27)	6.9
Thyroid Tests	Your Patients	National
Free thyroxine index or free T4	84.1 (333)	84.1
Serum free T3	29.2 (115)	29.2
Thyroid stimulating hormone, serum (TSH)	237.6 (942)	237.6
Tumor Markers	Your Patients	National
Alpha-feto protein	0.4 (1)	0.4
CA 125	0.2 (0)	0.2
CA 15-3	0.0 (0)	0.0
CA 19-9	0.1 (0)	0.1
Carcino Embryonic Antigen assay	0.6 (2)	0.6
Uncategorised Tests	Your Patients	National
BNP	0.0 (0)	0.0
Hydroxy-indoleacetic acid (Serotonin)	0.1 (0)	0.1
Troponin T & Troponin I	11.7 (46)	11.7



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