

Age group (years)	Population registered (June 1980)	Overregistered (April 1980)	Removed 1979
0-4	711	12	62
5-9	768	55	70
10-19	1147	88	80
20-29	1289	155	171
30-39	1503	163	150
40-49	730	53	42
50-59	551	43	27
60-69	485	23	20
70-79	385	30	34
Over 80	191	24	29
Total No	7774	646	669

TABLE 111—Overregistration rate and removals a year in a boys school with 60 blaces

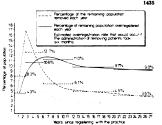


the administrative delay was six months, an expected overregistration rate may be calculated (fig 2). In fact, the proportion overregistred was different in a low expects: fairly, after the first year there was an extensive the control of the con

remaining population overregistered about twice that of the proportion removed.

The more detailed figures available from the small boarding school made it possible to look at the same point over a period of years and it is possible to look at the same point over a period of years boys who had left the school remained on the register as over-registered patients (sable III). Later it is apparent that there was a consistently smaller number of boys removed than had left the year before. The result was a steady increase in the number of over-registered for isis years after the school opened, after which time a stable state was reached. The school population was replaced every two years and this rapid and total turnover was associated, after six years, with an overregistration rate of about 100°.

Even registers with a reliable updating procedure will have inaccuracies reflecting the methods used in making the changes as well as receiving outdated and incomplete, if not incorrect, information. Our findings are consistent with the hypothesis that underregistration is simply the result of the delay in registration.



rig 2—Percentage of the remaining population removed and overreach year after initially registering with the practice.

The similarity of the structure of patients overregistered and removed indicates that overregistration is the outcome of the removal process. The implication of our findings is that removed patients, in a stable practice, are sufficiently constant in population terms to describe prospectively the overregistered patients for the purposes of a population denominator.

The purposes of a population denominator.

The process of the propose of the process of the terms of the terms of the terms of the terms of the same as the annual removal time to overregistered patients of the same as the annual removal time. This suggests an administrative delay of about nine months, which must be at least twice as long as the routine administrative delay. The reason for this another stable process of the same as the annual removal time of registerion, and confirmed by a stable practice of the same as the annual removal time of registerion of registerion, and confirmed by safe the routine administrative delay. The reason for this anomaly was shown by the accumulation of registerion, and confirmed by respirated according to duration of registerions, and confirmed by confirmed the same as the same as the same and the same as the routine accumulation as so werregistered patients until eventually discovered in the register. The relatively few patients aged under 5 who were overregistered supports this theory, as insufficient numbers would have time to leave and the occasional amendation of the same and the same a

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In line with national Samaritan policy, as part of our absolute respect for the confidentiality and, if they with, anonymity to the confidentiality and, if they with, anonymity part of our absolute respect for the confidentiality and, if they with, anonymity part of the part of they are all the are all they are all they are all they are all they are all the

friend with whom she found intimate detail impossible to discuss. We supported her, but offered no suggestion whatsever as to her choice, and were appalled later when the new general practitioner our caller chose was sagrily accused of "using the control of the choice, and were appalled later when the new general practitioner our caller chose was sagrily accused of "using the caller had trief to explain her resons for the switch. Samaritas and doctors need to be well aware of the possible difficulties of three way communication.

Often Samaritan and doctor meet at a time when their caller-patient has acrually made a suicide attempt and when forward planning is essential to prevent another such attempt. The incidence of sucide and persuicide, particularly among young people, is on the increase, highlighting a problem where histon effective. All too often lake of communication between himself and the adult world is what drives the adolescent to attempt suicide. As an organisation Samaritans Incorporated are trying hard to encourage young people in trouble to telephone for help. Horbam and Crawley Samaritans wist schools and colleges in the area talking to and with pupils and staff in an attempt to make the name and aims of the Samaritans Incorporated are trying hard to encourage young benefit of the Samaritans. Use of the Samaritans by the medical profession is increasing steadily.

One new contact we have made this year; the general practitioner mentioned earlier: the gentle, kind, and sympathetic woman our caller could not bear to tell her sordid story to. After talking her feast shrough with her for hours on and over a period of weeks, our caller finally gave permission for her Samaritans trying head to care details the for hours on and over a period of weeks, our caller family gave permission for her Samaritans put the medical profession is increasing steadily.

Papers That Have Changed My Practice

More than one source of enlightenment

The communication that has had the most effect on my day to day practice was a chance remark of Professor J M Malins in the diabetic clinic at the General Hospitai, Birmingham. He suggested that eneighing the patient was possibly the most useful investigation they carried out. Since then 1 have assiduously weighed patients new and old, and have discovered how often the patient's weight is the best measure of his progress, while a sudden unexpected loss of weight may be the first sign of serious disease.

6 Bellevue, Birmingham B5 7LX PATRIA ASHER, MD, MRCP, general practitioner

The printed word, in fact, is not our only source of ensightenment. New ideas percolate by a kind of osmotic process.
Twenty years ago many hypertensive patients were treated
with resetprine; then it was methyldopa, and then came the
great age of the beta-blockers, with vasodiators or, more
recently, calcium antagonists added in difficult cases. I must
have read articles advocating these changes in preferred treatment, but none stays in the memory. Hospital letters and clinical
meetings; contribute as much or more to the dissemination of
new ideas. If most of my hypertensive patients on discharge
from hospital seem to be taking beta-blockers these drugs are
likely to become the treatment of choice in my practice; and I
first heard of the adverse reactions to practool at a clinical
meeting, just before the spate of papers in the journals on the
subject.

to the family practitioner committee and attention is paid to it since the pay of a doctor may be deducted retrospectively from that date. If this date can be passed on to the practice, and every time a patient's name was removed from the register, including those discovered in the practice, this date was noted, then it would be possible to calculate an estimated proportion of the previous year's removals that would be represented on the register as overregistered patients. For the properties of the previous year's removals that would be represented on the register as overregistered patients. If a family practitioner committee registers, but so long as they remain separate there will continue to be considerable contamination of practice registers with overregistered patients. If a practice register is computerised it would not be difficult to build into the software a system to correct any population figures for estimated overregistration.

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secretarial help, to the receptionists of the Stony Stratford Health Centre for scrutiny of the lists, and to the doctors of the Stony Stratford, Wolverton, and Stantonbury Health Centres for help and

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Overlapping General Practice

Samaritans: amateur lifesavers

Early this year a distraught woman poured out a long and complicated life story to a Samaritan in the Horsham centre. In our shabby sitting room, a cup of tean her shaking hands, she explained that years ago she had been an alcoholic, at her lowest ebb, sleeping rough during "binges," and involved in minor prostitution. Now, cured of her drinking, comfortably married, striling valuin for her. Concrened that she may become dependent on the drug, she planned to reduce the amounts prescribed, and our caller's fear was that her craving for alcohol to augment the diminishing supplies of Valuim would become irrestable and that she would begin to drink again. Asked whether her doctor was aware of her fears, she replied that she her sordid tale.

We Samaritans have built up a composite picture of the streetyes general practitioner from descriptions given to us by our to us by our

was a gentle, kind, and sympathetic woman, far too nice to hear her sordid tale.

We Samaritans have built up a composite picture of the stereotype general practitioner from descriptions given to us by our callers. Whether man or woman, the general practitioner is invariably tall, well dressed, seated on a leather chair behind a large deak, and protected by a formidable receptionist. The general practitioner is 'intiged' according to our caller's reaction to him, so that a quality found to be an asset by one caller will practitioner by highly professional approach and air of competence bring confidence to one patient, but feelings of his own inadequecy to another patient. The general practitioner's patience and gendeness may be exactly the key to the trust of some patients who, like our caller, have a sordid tale to tell. When his patient is tongue tied and puzzled the atterotype general practitioner's cultured accent and wide vocabulary help only to widen the gulf between them.

Written by one of 115 volunteers of the Horsham and Crawley Samaritans, 21 Denne Road, Horsham, West Sussex; tel Horsham 56111 or Crawley 34549 day or night

people, working in an entirely non-professional capacity, but with the benefit of vast collective experience and extensive individual preparation and training. Our only aim is to befriend and support the suicidal or despairing people who contact us. Different people react in different ways: a problem that has one person reaching blindly for the sleeping pills will be dealt with calmly by another. The reasons our callers give for contacting had to the contact of the c

Macrocytosis in alcoholics

To stay in the mind, as well as to influence the practice, an original article must be truly original and must deal with common clinical problems. "Macrocytosis of chronic alcoholism" by Wu, Chanarin, and Levi fulfils both criteria. The authors were the first to report macrocytosis in the blood of alcoholics who were neither anaemic, folate deficient, or suffering from liver disease. Even if the serum folate was reduced, treatment with folic acid did not correct the macrocytosis, whereas red cell size returned to normal if the subjects stopped drinking. The 63 patients they studied were well drank at least 80 g chanol a day—the equivalent of four pints of light ale—a small intake by the standards of many of my patients.

The authors suggested they measured in the support of the properties of the support of

of light ale—a small intake by the standards of many of my patients.

The authors suggested that macrocytosis, especially in the absence of anaemia, could be "a useful indicator in identifying a problem that is often concealed from the physician." I have confirmed this again and again, Formerly I had relied on liver function tests in cases of suspected alcoholism, but these are often normal until a much later stage. Now I take blood for full blood count in any case of admitted or suspected alcohol abuse. If the mean cell volume is above 80 fi in an otherwise normal blood count I suspect alcohol abuse; if above 100 fi finding in a routine blood count. The patient is then asked about this or her alcohol intake at the next consultation. More often the drink question has been risted already and the patient has admitted what he considers the modest intake of four or five pints a day. The result of the blood test gives the opportunity for a little gentle arm twisting: "The test shows that the alcohol has already affected your blood," I say in serious tones, and we go on to discuss the relative merrits of abstinence and cutting down. At least it's a surf; though it's a long, long way from the diagnosis of alcoholism to its successful trestment.

Stage fright

My second example of a truly memorable and original article is "Effect of oxprenolool on stage fright in musicians" by James, Griffith, Pearson, and Newbury. This most readable article is imaginative in design and impressive in results. The 24 subjects—all aspiring professional string players—were not simply asked if oxprenolo inade them less nervous (this had already based of the control of the control of the design and impressive in results. The 24 subjects and the control of the

tremor. I have prescribed beta-blockers to patients before alarming events, such as driving tests or flying for the first time. I explain the way the drug acts and give a test dose to make sure there are no undesirable effects. I also prescribe beta-blockers in cases of anxiety with pronounced physical symptoms. Though I can quote no figures, my impression is that the treatment is helpful but less strikingly so in generalised anxiety than in the occasional frightening ordeal.

Sore bottoms

Many original papers are so erudite that they are incomprehensible to the average practitioner; the BMT recognises this by setting them in miniprint in the Practice Observed edition. On the whole I learn more from review articles, and my third example of an influential paper is a signed leader in the BMT on "Purutitus ami" by J Alexander-Williams. 'This was published to recently (Ed. July 1985) that I can hardly claim that it has received in the BMT of the property of the property of the property of the property of the Prutitus ani, often thought of as so intractable, is described as "a cross between nappy rash, athlet's foot, and a self inflicted injury." A baby's bottom becomes sore and excorated if left in contact with facecs; minute fragments of faceal material lodged in folds of adult persanal skin cause "adult nappy rash." Skin irregularities, caused by piles, imperfectly surured episicotomies, for example, make it harder to clean the permeum, city of the property of th

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