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The rules we use

The use and dependability of such programs to heap with diagnosis depends, however, on elucidating how decisions are actually made now—an arrane business at the best of times. What rules do we follow when we decide to refer this old lady but not that one with the same condition? Why do we ask patients questions in a particular order, and what difference does it make if we change the sequence? Why is there as wide range of their patients of their patients? In short, if computers are going to progress beyond being glamourised age-sex registers we will have to be a good deal clearer than we are about how and why we make decisions.

In opposition to this need for logic and clarity is the fact, articulated by many speakers, that general practice by its nature of the progress of the property of the progress of the progress

patients.

Computers, however, were not at the heart of this conference. Their long shadow might have been there, cast back from the future and concentrating our minds, but many of the most

interesting papers and discussion focused on how we make decisions in the mundane and uncomputerised present. Janet Gale, an educational psychologist, and De Phalip Marsden, a comulation the uniform theory of the property of the property

toys.

This conference was an important step on the road to ensuring that we end up with useful systems that genuinely improve care without frightening off either patients or their general practi-

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Gale J, Marsden P. Medical diagnosis: from student to clinician. Oxford Oxford University Press, 1983.

ONE HUNDRED YEARS AGO Hinton's plaster-of-Paris bandage-machine: This invention is for the purpose of impregnating bandages with dry plaster-of-Paris, and rolling them at the same time, and is a very much cleaner method than a present employed, namely, spread in the method of them are present employed, namely, spread in the method of the bandage. The machine, which has been patented, consists of a suitable framework, on which is mounted a box, or hopper, for containing the plaster-of-Paris. At the bostom of the hopper, there is an elongated sit, within this in placed fatted a pulley mounted, driven by means of a belt or strap from another pulley mounted on the end of a horizontal shaft of small diameter, supported by the framework, and provided with a crask-arm or handle on which the of the plant of

the back of the hopper; it then passes under the hopper, and under a stretcher which is placed there for the purpose of spreading the plaster evenly in the methes of the bandage. The bradage is the bandage of the bandage of the bradage of the bandage of the ban

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Practice Research

Well man clinic in general practice

G N MARSH, C CHEW

The establishment of a well man clinic run entirely by a nurse in general practice showed an appreciable number of men to be hypertensive, smokers, or overweight; it also showed some previously undetected disease. Efforts were made either to treat or to counsel men in whom these findings were made. A well man clinic may have greater value than a well woman clinic.

Women live considerably longer than men. All general practitioners are aware that the women aged over 70, and especially over 80, in their practices greatly outnumber the men. It is well people seems to be directed at women, the more so because well people seems to be directed at women, the more so because women are screened froutinely far more regularly than men. Women are screened, firstly, in association with contraceptive usage, especially the pill; secondly, during antenatal and postnatal care; and, thirdly, concomitantly with regular investigations for cervical cancer. The paucity of screening of men is therefore surprising. In addition, women at 15th experiments of the properties of the contraction o

Method and results

Discussions within the primary health team at house committee meetings concluded that the work could be done by a nurse. Doctors would participate only in the general organisation and the screening protocol because they do not find preventive health care challenging and their training in recent decades at medical schools has not pre-pared them for it. The recent plethors of publications from the Royal Society of General Practitioners has attempted to rectify this, but many doctors still consider such work tedious and would give a hugher priority in improving the clinical strandards of care for sick

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people.* " Conversely, nurses seem far more enthusiastic about preventive care and have appropriate training, knowledge, and skills. Above all, they are happier to work to a protocol and by rote than are doctors. The excellent antennat care that is carried out by midwise is a good example of this. In addition to having statched district nurses pomered the well woman clinic and subsequently carried out the well aman clinic.

The clinic, for well men aged 30-69, was advertised as part of National Health Service care by posters in the watting room. In addition, a letter from the practice doctors about the clinic was handed to men discinding to begin promoted to the control of the control of

withdrawing the waiting from setters, in winn sees a set of fall. The protocol for the clinic included obtaining information about the patient's occupation, personal history (any symptoms), family history, smoking and drinking habits, height, weight, and blood pressure while seated (diastotic recorded at the fifth. Korotoffs obtaind). Postpornalial urine was tested for albumin and glucose. Our intention to record the peak flow of smokers was, regretably, never implemented. The data were recorded on a modified A4 immunisation and screening investigation sheet. "I

urine was tested for albumin and glucose. Our intention to record the peak flow of smokers was, regetably, never implemented. The data were recorded on a modified A4 immunisation and screening investigations are recorded on a modified A4 immunisation and screening investigations. After the assessment men were advised to try and achieve their correct weight for height, and an appropriate diet sheet was given. Smokers were caboried to stop, advice was given about how to stop, and the contract of the contraction of the cont

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Discussion

The results show that there was an appreciable number of men in the practice population with undetected, untreated hypertension. There was also an appreciable number of men with a disabile blood pressure that required annual checking. Obesity together with lack of exercise seemed to be a major problem. Despite considerable efforts at almost every consultation and major campaigns with pamphiles and notices in the waiting room, nearly a titred the time was not good but was easily rectified. The fees for service accruing for the etamis minuminations more than owered the 50°, of the nurse's wages pand by the practice for the time who spent in the clinic." The results confirm that a trained nurse working to a protocol can carry out a large amount of presentive care and can suspect the presence of organic disease either from symptoms or from observation of physical signs. She may then refer the patient to a construction of the properties of the processor of the production of the processor of the production of the months—in a reasonably careful general practice that has expoused the concept of preventive care in the past few years does not necessarily result in effective preventive care. The men who attended—and their wives, who had often encuraged them to attend—considered the clinic to be a welcome adjunct to the overall practice care. They were surprosed to find ironning without charge as part of the National Health Service. The clinic continues and is here to stay.

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Medical rehousing

E L HOWELLS

A local authority and its medical adviser collaborated to assess the needs of applicants who have special requirements for medical rehousing. Some characteristics of the applicants were examined, together with how successfully their needs were met. Over half the applicants were aged over 5S. Some three years after their initial application 41% of applicants considered to have medical priority had been rehoused compared with 36% of those with no medical priority.

The adverse effects of substandard housing on health have long been recognised. The proportion of dwellings in disrepair or lacking standard amenties has now declined (deconnial census reports 1951-81 of the Office of Population Censuses and Surveys). Medical advisers to local authorities have therefore concentrated on giving advice on how to meet the needs of those who for medical reasons have special requirements for rehousing. I report here a study of applications for rehousing in Portsmouth,

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which has a population of 175 000, of whom 104 000 live in owner occupied dwellings, 25 000 in privately rended accommodation, and 41 000 in council owned dwellings. 1n addition, the city owns dwellings housing 60 000 people in a neighbouring borough.

Procedures and policies

Applicants on the watting list for housing are awarded points by the housing department on the basis of, for instance, overcrowding, dishapped policy and the properties of the policy and the

application may be given priority on the housing or transfer list on medical grounds if the applicant or any person living at the same address suffer, from a disability or lilness which renders the present of the priority may also be given where it is desirable for an applicant to move in order to care for a relative who is disabled or elderly and it is likely that rehousing would mitigate the severity of the relatives. The distriction is thus made between case in which there are medical factors relevant to rehousing (when points are awarded on medical grounds) and those in which there are medical factors are districted in the property of the relatives. A distriction is thus made between case in which there are medical grounds and those in which housing conditions are described (when applicants are awarded points).

Methods of study and results
Every year some 2000 people apply for rehousing and transfer on
medical grounds, so that a sampling procedure was necessary for this
study. A tample using every tenth applicant from the alphabetically
filed records was rejected because some of the application to would have
been too recent for the outcome of the application to be assessed. It
was decaded to use the first 1000 reliable to the process of the application stores to
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TABLE 1-Age distribution of applicants

Age	Rehousing (n - 100)	Transfer (n = 100)	Total (n = 200)
0-4	5	1	
5-14	4		4
15-24	5	2	7
25-34	7	3	10
35.44	2	i	3
45-54	- i	3	7
55-64	10	ī	11
65-74	ii	4	15
a 75	13	6	19
Not known	29	79	118

	Rehousing (n = 100)	Transfer (n ~ 100)	Total (n = 200
Ground floor flat or equivalent	41	31	72
Move to be near a caring relative	9	12	21
Larger	5	11	16
Centrally heated	3	7	10
Quieter area	1	8	9
Smaller	•	5	8
Elsewhere		7	7
Flat with warden	1	4	7
House	3	,	
Flat suitable for wheelchair	3	2	5
With garden		5	5
With bath	1		1
Not stated	28	5	33

TABLE III-Alleged defects of existing housing

	Rehousing (n = 100)	Transfer (n = 100)	Total (n = 200)
Stairs	29	22	51
Damp	13	21	34 19
Overcrowding	11	8	19
Noisy		9	12
Too small	7	3	10
Too large	•	6	11
Too far from relatives	ž	8	10
Too cold		2	7
Outside lavatory	6		
Central heating		4	4
Not stated	19	17	36

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Ground floor flat or equival-Warden controlled. Flat suitable for wheelchair Near relative Quieter area Others

	No medical grounds	Medical grounds	Total	
	Applicants for housing			
No rehoused	20	22	42	
No not rehoused	31	27	58	
	Applicants for transfer			
No rehoused	17	18	35	
No not rehoused	34	31	65	

transfer, 35 made repeated applications; 22 applied twice, five three times, two four times, four five times, and two six or more times. Fifteen applications for rehousing were referred to the environmental health department because of alleged defects in current housing. Therethy applications for transfer were referred to the housing department because the period of the housing the housing the first the properties of the properties of the properties of the properties of the second of the

swarfen, and five (3 ×) for a flat designed for the user of a wnextman. This implies a degree of immobility or dependence, or both, in 105 of the 200.

Fifty three applicants (27° ...) did not advance medical reasons. Thirty four applicants (27° ...) did not advance medical reasons. Thirty four applicants (27° ...) alleged dampness, which is not in itself an indication for rebousing or transfer as the most effective solution is to rectify the defect. Nineteen applicants (10° ...) complained of overcrowding, which in the absence of any related illness is not a ground for medical priority at the housing department awards points for it anyways. Many applicants made multiple requests for consideration despite being asked to reapply only if their circumstances changed.

Discussion

At first sight the system of awarding points for medical priority appears to have little effect on the chance of an applicant being rehoused or transferred. The award of points, however, increases the applicant's points total and thus, to a certain extent, must accelerate rehousing or transfer. Applicants with that of those without. Our experience with the success of rehousing people contrasts with that of Gray, who found that fewer than 4%, of applications were successful: This difference is probably due to the fact that in Portsmouth the number of medical points that may be awarded is a higher proportion (40%,) of the average threshold level required for rehousing or transfer. In this respect. Portsmouth lies in the middle of the range quoted by Thomas and Yarnel.

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