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PRACTICE OBSERVED

Practice Research

Information systems for general practitioners for quality assessment: I Responses of the doctors

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A questionanie was sent to all general practitioner principals in Leicestershire and Lincolnshire (n=667) to determine (a) the extent to which they would participate in quality assessment personal and professional characteristics of intersected doctors. The overall response rate to the questionnaire was 76% (508 regles). The highest response rates were recorded by trainers (109%), principals in training practices (39%), and younger doctors (80-86%), the lowest by overseas graduates (55%) and older doctors (65%).

Distinctive patterns of intersect and

group practices.
These fagures suggest that roughly 15 000 general practitioners in the United Kingdom would be prepared to participate in performance review activities using information provided by external agencies, 10 000 would if they had to generate some of the information, and 7500 would if they had to produce all the

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Introduction

In articulating the need for the "quality initiative" that was launched by the Royal College of General Practitioners I rivine described quality of care in general practice as "our outstanding testing standards and carrying out systematic performance review into their daily work. "Although a number of individuals have caught the spirit of the initiative and see the need for it, the overall impressions so far is one of continuing complacency. ..." It has even been suggested that "the future outlook for audit in general practice is bleak" and that there is "little likelihood of an improvement in the immediate future unless new techniques can be developed to make audit more acceptable. "A man and the proposed of t

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We also indicated that "we could also help those of you who are interested in currying out a clinical or organisational audit of your own choice. If sufficient doctors are interested in a similar topic we could supply what help the country of the countr

participated proportionalely more than UK and Eire graduates in some instance. Patient is sure had to differential effect.

Since the trainers had a 10% response rate to the questionnaire the result.

Since the trainers had a 10% response rate to the questionnaire the result is a single participate of the properties of the properties of the properties of the properties of the absolute values will always be smaller. For example, in the prescribing study, making the assumption that all questionnaire non-respondents would be absolute values will always be smaller. For example, in the prescribing study, making the assumption that all questionnaire non-respondents would be absolute to the absolute values will always be smaller. For example, in the prescribing the absolute values will be absolute the properties of th

	Relative rates of participation (%)			
Characteristic	Family practitioner committee profiles	Prescribing study	Audst in depth	
All respondent doctors	61	36 *	14	
Trainers	88	70	62	
Non-trainers	94	34	32	
Principals in training practices	74	491	47	
Principals in non-training practices	56	34	31	
MRCGP or FRCGP	71	50	45	
Not MRCGP or FRCGP	56	32	30	
Practice size				
6 - principals	70	47	57	
3-5 principals	63	39	37	
1-2 principals	50	30	27	
Age of doctors (years)				
< 30	5)	46	47	
30-39	72	44	43	
40-49	60	39	37	
50 and over	47	28	25	
Country of graduation				
UK Eire	62	36	33	
Overseas	67	46	42	
Vocationally trained		45	15	
Not not attenually trained	57	23	33	
Sample sare in 1908	*4	182*	171	

*Totals eventually rose to 202: 40%; and 64%; respectively

	Frequency		Application* :>-		
Items counted in previous two years:	No	٠.	1	2	,
Workload for example, count of consultations,					-
visits, etc	294	58	24	25	
Any aspect of prescribing	148	27	8	14	
Any aspect of morbidity	91	18	10		
Referrals to hospital for example, outputients.					
diagnostic facilities	85	17	•		
Other activities	40		2	4	

#1 "Evaluated or discussed findings, or both, but took no further action, 2 " Used the findings to change peachs of procedures or policies, 3 " Found no practical use for the information

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overseas and for UK and Eire graduates were 46% and 26% (25 of 96) and 36% and 27% (156 of 573) respectively.

We also wished to identify the extent to which practices had already meterated to be included the extent to which practices had already meterated to the property of the control of the property of the propert

Discussion

Since the personal characteristics and those of the practices of the study population closely resembled national patterns the results obtained in this regional study could be expected to be duplicated at national level. It is gratifying to record a 7.6% response rate to a lengthy postal questionnaire which "took 23 minutes to complete." The results confirm that many general practitioners are embussation of the properties of the practices. A higher level of participation may be expected in florimation can be supplied from external sources rather than be generated in the practices. This is not surprising in view of the low feet's of data collection in the practices test bell VI. The highest demand was for family practitioner committee profiles (68% of respondents, 52% of all practitioner) which required less as followed by participation in the practice, and the least popular was sudit in depth (34%, 26%), which required the greatest effort and commitment by the practitioner and practice. Nevertheless, even if the commitment by the practitioner and practice. Theretheless, even if the participation in any of these schemes national participation of 15000 general practicitioners would wish to be provided with—and presumably use—profiles; recognify by 1000 doctors. A minimum of 15000 general practicitioners would participation and solve the practice of the substantial infrastructure to provide methods. The close of the practicition of the participation in these review activities. It would also need to be geared to attract and accommodate the practicitions. The clusters of practitioners would be most interested to output and independence in these review activities. It would also need to be geared to attract and accommodate one participants.

confidence, expertise, and independence in their review activities, confidence, expertise, and independence in their review activities confidence, expertise, and independence in their review activities. The clusters of practitioners who appeared to be most interested tended to separate out as the most motivated when intentions were translated into action. In both of these groups trainers and principals in training practices will exert the most powerful influence on the attitudes and actions of future practitioners because of contractive actions of the practition action of the practition action of the practition action of the practition action acti

(3) If addit exercises are to make a major impact in improving the quality or cost effectiveness of general practice, or both, ways must be found to involve the mass of general practitioners. There is little point in devising schemes which will interest only super-obsessionals. It is essential, therefore, to canvast the opinions and intentions of general practitioners. If potential participants have played a part in determining future developments they are more likely to become actual participants.

(4) Since many general practitioners remain wary of medical audit, it is essential to start at an uncomplicated level. (5) Participants in audit by most practitioners is more likely to happen if they can be protected from a heavy burden of data collection.

nappen if they can be protected from a heavy burden of data collection.

Already a huge volume of numerical data on general practice and the clinical activities of all general practitioners working in the National Health Service is routinely collected by outside agencies—for example, family practitioner committees and the Prescription of the creation of the case o

Method With the full support of the respective local medical committees at 15 page postal questionnaire was sent to all general practitioner principals who were no contract with the Leicischerbur or Lincolinhire framility practitioner committees in July 1992. The content and acceptability of the questionnaire committees in July 1992. The content and acceptability of the questionnaire committees in July 1992. The content and acceptability of the questionnaire committees in July 1992. The content and acceptability of the questionnaire committees in July 1992. The content and acceptability of the questionnaire committees in July 1992. The content and acceptability of the questionnaire vas designed to facility processes and the preference of the results of the processes of the proc

Results

The initial response rate of 56% to the questionnaire was increased to 76%.

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required for such practice profiles to be constructed from family practitioner committee records. A permission slip was included in the questionnaire, and offs of respondent completed in Confidentaily was guaranteed, and details of remuneration were specifically excluded. For logistical reasons the construction of practice profiles had to be restricted to practice in Leceitershire. Of the 316 Leceitershire respondents, 210, 66%; gave permission. Because of the need for unammity within the persiste, Konever, and others who had not originally given permission were included. having been permasted by their partners.

organily given permission were included, having been permaded by time partners.

In the questionnaire the doctors were asked if they wished to receive a periadion of the number of repen prescriptions that they used, but those who did would be required to write their prescriptions on a specially marked eighty two doctors: 38% of respondents were involved to participate in a month long prescribing study (see the third article; though a requirement was that all doctors in a practice that to participate in the event only eight of the doctors of the doctors of the event of the eight of the doctors of the event of the eight of the doctors of the event of the eight of the doctors of the event of the event

TABLE 1—Characteristics of doctors who responded to questionnaire compared with those of two larger populations:

	General practitioners				
Characterists	Respondents	Lescestershire and Lincolnshire	England and Water		
Agenears					
< 39	40	47	3.7		
40-49	25	25	25		
50-59	24	26	25 25		
60 and over	10	12	13		
No of principals in a practice					
1.2	25	27	141		
5-4	46	45	43		
5 or more	28	28	/8		
Country of qualification					
UK Eare	**	86.	N11		
Other	11	14*	194		
Appointed trainer	10	7.5			
Member or fellow of the Royal College of General Practitioners					
MRCGP FRCGP	31	ų	12:		
No of patients on list per doctor					
approximately	2200	2190	2150		
Total No of doctors	508	569	24217		
	100%	100**	1000-		

Characteristic	No in Leicestershire and Lincolnshire	Questionnaire respondents		Nembanic	
		No	٠.	NERWARE	
Sample size	669	408			
Appended trainer	50	50	100	p- 0.004	
Principals in training practice	140	132	44	Significan p. 0.001	
Age years *					
- 40	17	3.2	No.	Irend	
30.19	210	168	80	significant	
40-49	170	128	75	p- 0.01	
49-49	173	120	20		
60 and over	81	53	65		
No of principals in practice #					
1	64	44	69	NN 0 - 0 5	
2	114	80	70		
1	120	97	8.1		
	180	140	78		
*	100	75	76		
6 or more	91	67	74		
Country of qualification					
UK Eare	5732	451	74	Stenils at	
Other	961		44	p- 0 001	
MRCGP or FRCGP	207	155	٠,		

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commitment. This study was also conducted before the launch of the college's "quality initiative" and publication of the recent college report, which recommends that "performance review should be incorporated into every member's professional life' and that "incentives should be developed to encourage doctors to participate in performance review."

The trend towards more participation in audit by members of group practices is healthy since the average size of partnerships is, smighth-haded doctors and two doctor peacucker sup he offset in the future to some extent by their diminishing numbers. It is disappointing that these practitionsors registered least interest, since they are most likely to be at risk of professional isolation and lack of feetback.

they are most likely to be at risk of professional isolation and lack of feedback.

Target groups of practitioners and practices at which future effort may be directed have now been identified. We share the cautious advocates of audit now need to do is to convince the sceptics and the silent, indifferent majority that the effort is worthwhile. The enthusasts should recognise, however, that many general practitioners will want to 'move at their own pace.' In flendcal audit passes the ... text, it will become routine within a generation."

On the other hand, recent government curbs on deputsing arrangements, the imposition of restricted prescribing lists, and the teachers suggest that there may be a need for urgency in putting our own house in order while we still can.

We thank the following: the participating general practitioners in Leicesteshire. Lincoloshire, and Nottinghambire, the family practitioner committees of Leocesteshire and Lincoloshire, the Prescription Proing Authority; Katherine Dodd, who was research assistant for the early part of the study. Dr John Fry, RCGP Research Unit, Birmingham, and the Nuffeel Provinceal Hospitals Trust for indusing the study.

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Evaluation of long term thyroid replacement treatment

SWANSEA VOCATIONAL TRAINING SCHEME

Abstract. A group study was designed to test the need for the continued prescribing of thyroid replacement treatment. Seven doctors who were attending the vocational training scheme at Swansas studied a total of 75 patients. A withdrawal test for 21 days was used to assess the need for continued prescribing of thyroid medication. Sixty per cest (45) of the group studied had had either the wrong diagnosis or an incorrect maintenance dosage, 28% (21) did not need thyroid treatment after the withdrawal test, and 37% (2) had been prescribed an incorrect maintenance concentration of thyroxine concentration. The medical and economic consequences of an appreciable rate of misdiagnosis and treatment are apparent.

Alan Jones director of study and course organises and trainees. D.G. Corbett, Janet B. Davies, Jennifer J. Hilliard, E.K. Joseph, A.P. Moore, Anne M. Rees, and J.C. Taneia.

thyroid replacement treatment require it, an audit was carried out on the prescribing of thyroxine in a randomly chosen group of patients.

trial: cretinism in childhood, previous surgery for carcinoma of the inyroid, pituitary disease, and pregnancy.

At 21 days the same doctor examined the patients using the Grooks' index,