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## PRACTICE OBSERVED

# Vocational Training

### Is the distribution of training practices appropriate for the needs of general practice?

T S MURRAY

Health Issaed	No of general practicament principals	Noval trainers	Frances as "o of general peach france principals
Argell and Clyde	790	25	1+
Avrahere	225	18	10
Dumfrier and Gallen in	10.	16	15.7
Lanarkuburc	.700	16	**
Forth Valley	178	16	*0
Gresser Glasgow	678		1.
Lotal in region	1714	140	* 2

Area	No of general practitioner principals	No of trainers	Framers as Newl general practitioner principals
Hamilton Lau Kulhride	110	•	12
Motherwell ( Indeedale	96	3	3.1
Monklands Cumbernsold	12	4	4.9
Local on Lanarkshore	290	16	***

Ares	No of doctors	No (N) of trainers		
Forces	140	11 .7 91		
Nonthern	140 120	11 (9.2)		
antern	129	1 (6.5)		
South cms	152	4:59		
South west	43	10 10 7		
		# (7.E)		
Total in Glasgow	621	e 17 E		

RRITISH MEDICAL INCIRNAL VOLUME 291 21 SEPTEMBER 1985

BRITISH MEDICAL JOURNAL VOLUME 291 21 SEPTEMBER 1985 disillusionment followed by the adoption of the standards of those who practise around them. Thus a month's elective might provide the trainer with some experience of working in adeptived area. It would also be unvaluable and the series of practice was not be particularly relevant now as the choice of practice was not be particularly relevant now as the choice of practice was not be particularly relevant now as the choice of practice was not be particularly relevant now as the choice of practice was not be particularly relevant now as the choice of practice was not as the series provide a high quality of care, which is desirable for the trainer to see. But in the doctor who has trained in this environment prepared see. But in the doctor who has trained in this environment prepared to be seen to the series of the series

I Josef Committee on Pringradurer Trinning for General Principe. Trinning for ground practice.

Joseph Schilder, 1982.

Standon KPTLV, 1982.

Standon KPTL

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Practice Research

### Clinical trial of common treatments for low back pain in family practice

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of Family Medicine and Clinical Es viology and Biostatistics, University, Canada T. MD. professor of family medicine and c. voil epidemiology and

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	Bed rest and physiotherapy and education in 65	Physiotherspy and education in 62	Bed rest (a - 66)	Control n = 65
Agr (years)	40 7:141	41.7 (15.3)	40 0 (14.9)	40 1 14 5
STALKE P	32 13	29-11	30:30	37 28
Referred page (%)	28	11	33	29
Workman's compressions				
control %	18	16	15	11
Straight leg raising (worst leg				
· 70 degrees · S	44	47	54	54
Lumber Graces (cm)	40 -210	44 (12)	4 2 2 0	40 19
Activities of dealy living* 0-100	40 4 16 4	15 9 (13 7)	No. 1 (11-1)	16 6 12 4
No of prior epinodes				
• ' '	21	12	17	21
14	25	27	29	24
7-5	19	16	12	17
McGrill pear scale				
Total score	24 0 7 4	22.7.4.7	25 2 (# 6)	25 1 (6.9
Word count	14 7:2 5:	11.7.24	14 9 3 4	14 2 13 0
Duration of pain 0-56 + days	41.24	10 12	29.31	35:30
Pass strengty moderate severe	36.79	17.25	31 29	40-25
Para medication make make	42 23	44 18	45 15	46.19

Nor Referred pain: pain radiating into one or both legs. "Higher scores indicate preser impairment."

"Onne daily dusy—Bed rest produced a significant, but small, increase in patients! 10 day report of "restrictions in daily activities" [p=0.034]. No ext of bot rest on physiotherapy was observed for the 10 day total scores "pain" and "improvement" (table II). Analysis using the Cox model weed that bed rest patients took 47% longer to report having achieved a romal level of activities" [p=0.004], whereas patients who were random-ranal level of activities" [p=0.004].

	Bed rest and physiotheraps — Physiotheraps and coloration — and coloration		Bed rest	Commi	
	. 40	n 41	n 47	. 48	
	22.27 5.14	71 NO 6 97	21 Ab A 54	21.54 6.11	
Improvenent					
Activities	24 15 1 75	21 4 9 22	24 34 10 04	30 90 T 46	
Pan	24 77 5 22	25.94 7.47	24 15 7:12	22 88 5 88	

TABLE 111:—Rate of change in physical and prochelogical scales during physicane tollow up mean SD

	Personal services of the servi	Physiotheraps and observes	Red rest	Centrol
Straight leg raising degrees	0 41 1 70	0 % 1 52	1 96 1 11	1.21 7.96
Lumber firms on	0.15.0.40	0.12 0.24	0.11 0.70	0 18 0 24
Activities of dark leving	7 04 1 91	1 44 1 34	2.41 2.44	2.29 1.99
McGall Melzack total	1 22 0 88	1.27 (1.29)	1 46 1 44	165 1 31
McColl McCo.h mord count	0.74 0.48	(I NO II 6.1	BOW OW'	1 01 0 72

No. Arright kig resing and further those are expressed indiviewe and incompressioning per date respectively. The actions of dath forms and Metall Milevik pure scores those average reduction in actions constructions and pumper date respectively.

physiotherapy and education programme on the activities of daily living scale (p=0.05). Although no other significant effects of either bed rest or the physiotherapy and educatiou programme were observed, the trend in the other four measures also went against the physiotherapy and education

	Bed rest and physiotheraps and education	Physiotherapy and education	Bed rest	Control
		Not treely		
	a 61	n 60	n 4	n 54
Present pain				
None	14			11
Mali	14	15		
More than mad	5.5	12	14	16
Restrictions				
Nume	41	45	21	31
Lattic	11	12	12	15
More than a little	17	11	le.	12
		/2 works		
	m 61	n 62	n 57	9 60
Process reus				
None	47		44	41
Make			4	10
Mary than mild	10			
Besterings				
<b>*</b>	43	47		40
Lattle	10			13
More than a little	10		12	

Recovery analysis—Recovery was defined as either the first follow up assessment by the physician on which both the patient and physician reported that pain was no sover that mild, or, failing this, the telephone reported that pain was no sover their mild, or, failing this, the telephone reported that pain the pain reported the pain the pain reported that pain the Cox model showed no effect of either bed rest or the physiotheray and education programme. The median time to recovery by the above definition was 14 days, rerespective of treatment group. One was read and place follow as "Them that the pain the respective of the pain of the pain of the pain of the pain for the pain of the day of follow up and to report their experience over the past five months in terms of frequency and intensity of pain, restrictions in dually activities, and whether they had sought professional help for low beck pain. Table V indicates no significant deflerences some gibt evoldy treatment.

	Hed not and phose-theraps and oducation a set	Photoscherapo and oducaran p. 19	Red res	Centre n 4
Present coun				
None	17	14		25
Maki		ii.	ii	ii
More than maki	17	ii.	10	
More man mad		11	400	
l'aviter mente				
Froums v of reso				
Nume	14	le.	14	16
Once a month		30		116
Marr often	20	55	19	30
Internals of page				
Numer	14	le.	14	16
WAL	18	. 12	12	16
Box		40	33	33
Restactions	***			**
No.	4.2		27	41
Oberminer	- ii		ia i	11
Marr of to a	12	15	14	
Senathi Bele from				
1 Day Contract				
-,				

No beneficial effects on clinical outcomes were observed for either bed rest or a physiotherapy and education programme among patients who presented with low back point to 22 physicians in family practice. In fact the diary and final follow up assessments by the

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that from this starting point the cart will follow the horse and debates on the role of health visiting in the antenatal period will be grounded on a better knowledge of practice and not prescription.

Methods

All of the general practitioners in Lescestershure and central Birmingham, and the community molecules and health visitors from central Birmingham, and the community molecules are considered and the community molecules, and 12th behild visitors who worked in each district health authority. Three hundred and fifty are greening precisioners, 44 community molecules, and 12th behild visitors who worked in each district health authority. Three hundred and fifty are greening precisioners, 45 community molecules, and 12th behild visitors and molecules and the community molecules. Responses from postal questionnaires were followed up his group discussions with health visitors and molecules and the precision and the community and the rest of the Lescestershire district health authority, which is mainly a matter of market forms and rural areas. Because the populations that health visitors were expected to deal with had different social characteristic districts the control Birmingham. 31 from Lescestershire, which is referred to here as the country.

1). Most health visitors had some qualification or training in antenial care and obscarion. Over half had midwitery qualifications, and nearly 69% had worked as midwise. Though mughts a quarter had not been trained in antenial education during health visitor training, just over half had been not training in an attenial education at training health visitor training in attenial education at limit and training in attenial education at limit and training in attenial education at limit and training in attenial education at The average number of new bubbes born form January to November 1983 was 110 for Lexicistre City, 91 for central Brimigham, and 27 for the county. These disparant giners cannot be improportions of those who worked part time and full time in each of the exercising the contraction of those who worked part time and full time in each of the exercising.

from manus, and 77 to the county. These disparate figures canno be explained by the number of hours that helith visitors worked, as the proportions of those who worked part time and full time in each of the area were smaller. The county of the county of

find histories'—two often was will hear what they want you to hear, not what you want to hear. On what you want to hear.

This was emphasized by an Asian general practitioner who spoke everal Asian hanguage. "In the level of communication that is a bug problem—in a net somply timulating trent one language to another. It's a matter of some properties of the communication of the shadler on which is a matter of some communicate even for the children who are born in Brain. Sometimes children come with their mums and Lay, "Look your mum is perfectly well," or "She has worry problem—mothing medical, "Children even to understand it very well. But the mothers won't latene. Even the children find it difficult to communicate with their on parents. It's day problem." Those

peneral practitioner focused on the blurred boundary between translating and interpreting in consultations which involve complex conceptual and wider cultural meanings held by lay people and professional. Many health visitors agreed that "interpreters are becoming more important for our rich in an occessingly multimedial society."

In the properties of the properties are the continued of the properties of the control of th

	Alm B-m No		Less Sur	than a	Ah	un half	Mor Nati	c than	25	١.
Louisier Cay n. 31	17	44	•	16	4	11		10	2	
Create a 61	21	44	10	16		1.4	In.	26		10
Central Bermingham n 12	17	5.8		25	4	12	- 2		i	

midaves:
17: Respondents overwhelmingly believed that a major reason for their low input into antenatal care was the unreliable communication procedures among members of the primary care term. Poor liaison iodicale health viations from the general practice.

Three quarters of the health viations reported that they discussed individual pregnancies with midwives and two thirds did so with general practitioners. Such discussions were less likely to nice place in certain Birmingham, where lever than half of the health viations reported such exchanges with general practitioners (under 10 at 10 mindwess and than midwises and than midwise and than midwises and than midwise and than midwises and midwises

Health southers had discussion with	Locusert	n, i	Crumts	٠.٠١	Central Bermi	ochem n	6
General practitioner Mahade	- 0	6.7	45	14	14	**	
Amother health visitor	14	ž:	21	4	8	40	

they discussed individual cases with general practitioners, which was confirmed to the general practitioners, who also pounted out the lack of contact with health visions in this reject. The colation of the health visions because more apparent when data were obtained about meetings when general souse on internatial care and colasion could be raised. Table II and III these that meetings among professionals, especially between general Britishman health visities, were held feast irrequently in central Britishman and the second professionals of the second professionals. Variations in the organization of the work of health visities in each area was how contributed to the difference in the creater of their concern in was have contributed to the difference in the creater of their concern in waste of their concern in earth of their concerns and their concerns the earth of their concerns the earth of their concerns their content of their concerns their concerns their content of their concerns their concerns

physician favoured early mobilisation over bed rest and suggested that the physiotherapy and education programme was doing more harm than good. Although this trial was not designed to assess the efficacy of differing medication regimens, our analysis comparing minor emajor medications showed no significant differences on any of the clinical outcome measures. Since the assignment of medication regimens to patient was performed by clinical judgment, nor random allocation, this result must not be overniterpered. The physiotherapy and education programme was excellent these pegative results cannot be explained by poop patient compliance. Moreover, further analyses which focused on clinically interesting patient subgroups (including scute e chronic case and subgroups defined by the severity and duration of the presenting episode) showed no subset of patients who benefited from either of the treatments under study. The proposed of the presenting episode is showed in subset of patients, who benefited from either of the treatments under study, thus do not appear to depend on characteristics of the patients who were entered into the trial. Although treatment effects were negative, several baseline patient variables were consistently related to the outcome measures in a clinically sensible direction. Recovery was slower with increasing age, longer duration of the presenting episode, and with greater impairment as assessed by both stratight leg raising and the activities of daily living scale. People who were receiving workman's compassion were directive for the validity of the outcome measures used in this trial, as they are consistent with both the findings from other studies and the common clinical impressions about patient variables related to recovery.

We failed to identify any clinically important benefits or the

we failed to identify any clinically important benefits or other splanations for these negative results, and thus there is little reason

BRITISH MEDICAL JOURNAL VOLUME 291 21 SEPTEMBER 1985 to prescribe either bed rest or isometric exercises to patients in family practice who suffer from low back pain.

We thank the following physicans for participating in the study. Drs P Barringer: M Beer, M Brennan, D Davis, C Evans, J Feghtner; N Pett. M Johnston, W. Kellington, W. Kennedy, D Kriftcheck, E Kwong, B McMeckin, C Moore, I. Nish, M Papera, R Parker, M Rafast, V Rodanck, H Scholens, J Scherter, Williams.
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### Survey of health visiting in antenatal care

FRANCES McCABE. YVETTE ROCHERON

The range of the health visitor's work is expanding. To find out what antenatal work health visitors actually carry out and what their attitudes towards such work are we surveyed general practitioners, midwives, and health visitors in three district health authorities. The results indicate that health visitors are qualified and willing to work with women in the antenatal

Introduction

The debate in Britain about perinatal mortality rates and their relation to inequalities among the social classes has led to a discussion of the roles of health visitors in the care of women. For instance, an editorial article in the Health Vintor in 1979 agreed that "the active involvement of the health visitor in antennal care would appear to be essential in order to reduce the number of children who

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FRANCES McCABE, SRN, RV, development officer YVETTE ROCHERON, RV, PRO, research associate

are at a disadvantage even before birth." Long after the Short report, which endorsed this view, the debate still reverberates. Perhaps this is not surprising since health visitors are now being asked to work for a waker range of client groups, especially the elderly. Furthermore, any appreciable changes in the role of a profession depend on various factors that affect training, work profession depend on various factors that affect training, work is a similar work of the profession of health visiting is now grappling with fundamental questions. Chapman argues, for instance, that the aims of health visiting are to achieve "(a) the promotion of health and prevention of all health, (b) the early detection of illness or abnormality; and (c) the alleviation and containment of an already established condition." Are health visitors then to be trained and encouraged to take part in health visitors then to be trained and encouraged to take part in health visitors then to be trained and encouraged to take part of a research programme, funded by the Health Education Council, which also examines the contribution of general practitioners and community midwives to antensatal care and education" concentrate on the contribution of the health visitor is not examined the contribution of general practitioners and community midwives to antensatal care and education" concentrate on the contribution of general practitioners and community midwives to antensatal care and education. To clade. "It is well as deep to the deep the evidence of their practicipation needs to be examined before the question can be asked. "Should they be expected to take a greater role in antensatal care?" We hope

Furthermore, the recent reorganisation of the health service had created some manageral disruptions in central Birmingham district health authority, whereas the boundaires of the Leuserbrinder district remained largely whereas the boundaires of the Leuserbrinder district remained largely considered for the control of th

Health courses meet	L.	estar .	41	Control		Care	ral Birmungham n 3
General practications		.~		12	20		19
Materino		14					2.2
Other health restors	10			12	4x		41

This was not conductive to developing frequent and reliable communica-tion procedures among health visitors, general practitioners, and community andwives. When belieft to visitors were sheef how they were kept informed about new antensatal axes about half reported that they were committened to formal procedure. Only a third operated to "final one of the other through parentizers (white a third special or "final one") and a few through period practices. This is a later in pregnancy, and a few through period practices. The the case of two OFF Legt may information from their receptionist. With the other two OFFs, I look in their amental mores box. Health visition generally had to rely on their own instatives, to get information about new antensatal cases, although occasionally meetings at the surgery provided lianous. "One a smith a last from the hospital is possed round at group meetines. The exercises at the surgery given me a typed list of "Hospitals were nother than a source of information. Only I health visitors."

the utgest provided hands. "Once a month and from the hospital is passed prepared musics." The security as the surgest power as typed into the prepared musics. Hospitals were no better as a source of information. Only 14 health visuous were "often" informed of uses through their lead hospitals, smalls where a linear health visuous was appointed, and only how were "often" informed information procedures were existinghed, health visuous could still be useful information procedures were existinghed, health visuous evaluated to see—that in, the promagnedus and somen with speech and offen the procedure were existing measured to see—that in, the promagnedus and somen with speech and offen the procedure were existing measured to see—that in, the promagnedus and somen with speech that in, the promagnedus and somen with question that in the procedure was to be a support of the procedure of the prime factors in excluding health visitors from antennation must be one of the prime factors in excluding health visitors from antennation and the procedure of the prime factors in excluding health visitors from antennation of A health visitors who worked in a poor than the procedure of the prime factors in excluding health visitors from antennation of A health visitors who worked in a poor than the procedure of the prime factors in excluding health visitors from antennation of A health visitors who worked in a poor than the procedure of the prime factors in excluding health visitors from antennation of the prime factors in excluding health visitors who worked in a poor the procedure of the prime factors in excluding health and the procedure of th

Discussion

The results of this survey indicate that health visitors are well qualified and willing to extend health visiting to the antenatal period. Nevertheless, impediments to such work are wide ranging. These include heavy case loads, lack of adequate information about antenatal cases and missed antenatal appointments, and a lack of close lasson with general practices and obstetric units. Furthermore, the work of health visitors in inner city areas is even more difficult because there are few language interpreters available. Geographical attachment may also contribute to the isolation of the health visitor from the general practice when they are not attached to modelives in a study of health visitor of the other processing and the processing of the proc

not 1190 MEDICAL JOURNAL VOLUME 291 21 SEPTEMBER 1985 between health visitors and midwives might include attachment to a practice for midwives:
presented for midwives:
presented for the properties of the proper

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Accordance in information in animal is on [3 down iii]. Hook I years 1779-35 Mar. 1.

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