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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)	400(14-9)	40 1 14 5
NO. (M.P.)	32 13	29-11	30/30	37 28
Referred page (%)	28	11	33	29
Workman's compressation				
conces to	12	16	15	11
Straight leg raising i worst leg				
· 70 degrees %	44	47	4	*
Lumber Sexon cm	40 -210	4.6 (1.8)	42 20	40 19
Activities of dealy living* 0-100	40 4 16 4	15.9 (13.7)	36-1-13-11-11-11-11-11-11-11-11-11-11-11-1	16 6 12 4
No of prior epinodes				
•	21	11	17	21
i-4	25	27	29	24
-5	19	16	12	17
McGrill peut scale				
Total score	210 74	22.7.4.7	25 2 (8-6)	25 1 (4.9
Word count	14 7:2 5:	117.25	14 9 3 4	14 2 3 6
Duration of pain 0-54 * days	41.24	10 12	29 31	35:30
Pass strengty moderate severe	36.79	47.25	31 29	40-25
Para medication maner maner	42 23	44 18	45 15	46.19

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

Paneus daily duary—Bed rest produced a significant, but small, increase in patients 10 day report of "restrictions in daily activities" (p-0.048). No est of both ers of physiotherapy was observed for the 10 day total score (p-0.048) and "improvement" (table II). Analysis using the Cox model owed that both ers patients took 47% longer to report having achieved a ormal level of activities" (p-0.004), whereas patients who were random-

	Hed rest and physiotheraps and edite at an	Physiotheraps and religion	Bed rest	Centrel	
	a 40	n 41	n 47	. 48	
Improvement	22.27.5.14	71 30 6 97	21 mm m 54	21.54 6 11	
Activities	24 15 11 75	21 44 9 22-	24 34 10 04	30 90 1 46	
Pan	24 77 4 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

	Head of a small plant and the stages and other stages	Physiotheraps and robe are in	Bed res	Control
Arraight log raising slogress	0 41 1 70	0 % 1 52	1 96 1 11	1.21 7.96
Lumber fiction vinc	0.15 0.40	0.12 0.24	0 14 0 70	0 1K 0 24
Activities of dark leving	2.04 (1.91)	1 44 1 34	2.41.2.34	2.29 1.99
McColl McLack total	1.22 0.88	1.27 (1.29)	1 46 1 44	1.65 1.31
McColl Metra & word count	0.74 D 48	(1.40 (B.1)	BOST OF MY	1 01 6 72

No. Arright kig resing and further those are expressed indiviewed in our empressioning per date respectively. The actions of dash from and Metall Millarch pure scores those average reduction in actions sections 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	Contro
		Not treely		
	a 61	n 60	n 4	n St
Present pain				
None	14			11
Miki	14	15		9
Marc than mild	11	i)	14	16
Rosentana				
Nume	41	45	21	41
1 attic	13	12	12	15
More than a little	12	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	7	12	

Recovery analysis—Recovery was defined as either the first follow up assessment by the physication on which both the patient and physication reported that pain was no worse than mild, or, failing this, the telephone follow up on which the patient reported that pain was no worse than mild Analysis using the Cox model showed no effect of either hed rest or the physication year. The contraction of the patient properties of the patient properties of the physication years contracting the patient patient of the physication years contracting the patient patie

TABLE V—One year follow up
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	Hed rest and physiotheraps and education a not	in weterspe and oducation in 19	Red res	Centre n 4
	4.0			
Present pain	10			35
Note	111	14	6	
Mald		12	11	1.1
More than make	17	14	10	
I'm to much				
Froueta v of resp				
Some		le.	14	16
Once a month	36	20		1.5
More ofsen	20	77	19	30
Internals of page				
None	14	16	14	16
Mill	18	. 12	12	I to
Yer		41	37	- 22
Residentes				
North	4.7	4.1	27	41
ONCHUNC	- 0		11	11
More of ten	17	15	14	12
Sought help from				
1 Caracon and				

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 antenatal care and obstation. Over half had midwitery qualifications, and nearly 69% had worked as midwise. Though mughts a quarter had not been trained in antenatal education during health visitor training, just over half had been not training in an attenate education during health evitor training in attential education at large and the moderns had had been not training in antenatal education at The average number of new below born forming in antenatal education at The average number of new below born from January to November 1983 was 110 for Lexicistr City, 91 for central Brimingham, and 27 for the county. These disparant guiter squares consistent of the proportions of those who worked part time and full time in each of the exercision.

bifringionis.

A proposition of the proposition of

find histories — two often too will hear what they want you to hear, not what you want to hear.

This was emphasized by an Asian general practitioner who spoke everal Asian languages. — In the level of communication that is a bug problem— or a standard language. — In the level of communication that is a bug problem— and parting the right word, using the right removleapy— it is no difficult to communicate even for the children who are born in Brain. Sometimes children come with their mums and I say. — Look worr mum is perfectly well.— or She has worre, problem—moduling medical. "Children even to understand it very well. But the mothest won't latent. Even the children find it difficult to communicate with their on parent. It's be give problem—Thould difficult to communicate with their on parent. It's be give problem—Thould difficult to communicate with their on parent. It's be give problem—Thould difficult to communicate with their on parent. It's be given believed.

general practitioner focused on the blurred boundary between translating and interpreting in consultations which involve complex conceptual and wider cultural menaign held by lay people and professionals. Many health vasious agreed that "interpreters are bocoming more important for our job in an increasing minimized abscript," one fewer than 10 pregnent wement throughout their work during the month before the survey and a third had seen none. The few health visitors who alse end 25 or more pregnant women were concerned in parentirel classes and were likely to work in the country. Though half the total sample reported that they were concerned to some and a half in Licicetter City made such a contribution compared with two thirds of the country group.

(5) Apart from parentirelt, bealth visitors were concerned very little in antennat care. Only seven work during the site of the contribution compared with two thirds of the country group.

(6) They trait all contributions compared with two thirds of the country of 40 health visitors. "Twenty-nine health visitors were involved in parentirelt classes and seven in antennat claims. Although all the health visitors left than they should meet pregnant women and visit them in the country of the properties of the country of the properties of the properties of the country of the country of the properties of the country of the

	Alm Bette No		l co	than a	AN.	-el press	Mar No	cthan	1	١,
Lounter Cate p. 31	17	**	•	16	4	11		10	2	
Create a 61	21	44	10	16		11	16	26		10
Contral Bermmeham n 12	17	5.8		25	4	12			i	-

molewise.

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 team. Poor liaison isolated 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 hidely to lately place in certail Brimingham, where lever than ball of the health viation reported such exchanges with general practitioners. Such left. All the midwives and their midwives and their

dreument with	No	*."	No.	n.*'	Central Bermingham n
General crastimaner	21	n.	45	24	14 44
Madwate	36	**	41	×4	21 65
America health visitor	14	h."	21	u	13 40

their discussed individual cases with general practitioners, which was confirmed by the general practitioners, who also pointed out the lack of contact with health visition in this reject. The colorison of the health visitions because more apparent when data were obtained about meetings when general issues on internal care and obtained with under Table II and practitioners and health visition, were held least frequently in central farmingham.

Variations in the organisation of the work of health visitions in each area may have contributed to the difference in the criterio their concern in war have contributed to the difference in the critical of their concern in were attached to general practices, whereas this was rarely the case in central Brimingham districts health authority. A Brimingham districts health authority. A Brimingham districts health authority.

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 negative 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 proposition of the presenting episode is showed in subset of 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 straight leg raising and the activities of daily living scale. People who were receiving workman's compassion were directived for the validity of the outcome measures used in this trial, sat bey 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

ecovery.

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 physicians for participating in the study: Drs P Barriager, M Beer, M Brennas, 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 Papros. R Parker, M Rafast, V Rudank, H Scholens, J Scheter, William.
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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 antenatis

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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are at a disadvantage even before birth." Long affer 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 wider range of client groups, especially the elderly. Furthermore, any appreciable changes in the role of a profession depend on various factors that affect renning, work and a state of the sta

Furthermore, the recent reorganisation of the health service had created some manageral disruptions in central Birmingham district health authority, whereas the boardners of the Leuceterishire district remained largely whereas the Sundaires of the Leuceterishire district remained largely whereas the Sundaires of the Sundaires o

Health courses meet	L.	estar .	41	Control		Care	ral Birmungham n 3
General practications		.~		12	20		19
Materies		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 constitutes told formal procedure. Only a third operated to "final one of the other through parentizati classes—that is, later in pregnancy, and a few through general practices," this the case of two OFF Leg en will reminist from their receptionist. With the other two OFFs, I fook in their 'antensatal notes bot'. Health visition generally had to rely on their unitatives, 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 meetings. The secretary at the surgery gives me a typed list of "Hospitals were note term as a source of information. Only I health visitors."

integraph (Provided Isason, "Unica a fundita and from the hospital a passed preparati mum:

"Security of the provided Isason," The security as the surgers press me a typed into the preparati mum:

Hospitals were no better as a source of information. Only 14 health visuous were "often" informed of uses through their lead hospitals, usually where a lianson health visuous was appointed, and only four were "often" information information procedures were existlyheided. health visuous could still have difficulties in obtaining information procedures were existlyheided, health visuous evaluated to see—than in, the promagnessudes and swomen with speech assisted to see—than in, the promagnessudes and swomen with speech source of the processing 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 wider ranging. These include heavy case loads, tack 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 visition 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 Geographical attachment may also contribute to the isolation of the total process of the contribution of the colorious of the contribution of the colorious of the col

metrium MEDICAL JOURNAL VOLUME 291 21 SEPTEMBER 1985 between health visitors and midwives might include attachment to a practice for midwives: practice for midwives and the primary care team confirm that working relations and communication within the team can be inadequate. It as such areas, expecting health visitors to increase their antensata work might cause contention between the professional groups and demoralisation for health visitors, who do not have the resources to provide a preventive and supportive service for parents at house.

womains and contribute network for protessonal groups and womains and contribute of the provided a preventive and supportive service for parents at home.

This brings into question the value of further abstract recommendations on the role of health visiting in the antenatal period. Although this role urgently need to be clarified by training boards and professional associations, the discussion must go beyond its supported by the Health Visition? Association and the Roval College of Midwives. "Specific guidelines need to be developed to facilitate decision making at the level of the district health authority and general practice. Improvements can be made without major expenditure. Clear polices on animalat care that define not only the expenditure. Clear polices on animalate are that define not only the expenditure. Clear polices on animalate are that define not only the expenditure. Clear polices on animalate are that define not only the expenditure. Clear polices on animalate are that define not only the expenditure. Clear polices on animalate are that define not only the expenditure. Clear polices on animalate are that define not only the expenditure. Clear polices on animalate are that desire not only the animal proposed to be established minimal to the state of the expenditure. Such as the clear policy of the expenditure of the expendit

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