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|  | CTICE OBSERVED |
| Practising Prevention |  |
| Helping agencies |  |
| SImon a smail |  |
| Although many programmes of preventive care can be put into effect using resources drawn solecy from within the practice there are several other agencies whose help may be invaluable and who may contribute considerably to the suceess of preventive care. <br> Local agencies <br> HEALTH AUTHORITY SERVICES <br> Health authorities are concerned to ensure that there is an adequate level of preventive care in their areas, but an effective overall strategy in an area dernands close co-operation between the community services provided by the authority and gencral practitioners. Health authorities often take responsibility for preventive care for certain groups of patients and may, for example, provide paediatric screening and immunisation clinics, family planning clinics, and cervical cytology clinics. Local practice and deployment of resources varies from one authority between those who are responsible for running the clinical services of the authority and local practitioners to avord obvious gaps in the provision of preventive care or, on the other hand, unnecessary duplication of effort. Many community medicine specialists are now more sensitive to the potential for practising preventive care in the practice, since it is often more logical for activities such as immunisation, antenatal care, family planning, and cervical cytology to be provided by the practitioner Community medicine specialists will be able to provide practitioners with advice about local epidemiology but also can often <br> Welch Natiogal Schoot of Medicine, Health Centre, Llanedeyra, Cardiff CF3 TPN SIMON A SMAIL, BM, miscgr, senior lecturer in general practice | give specifc advice about the practicalites of initiating ${ }^{2}$ preventive programme, such as as astrening programme for hypertersion. often require the servicess of district nures, heacth visitiors, and <br>  not only with the nursing staf but alao with the nursing officer There may be the need for tesources, but often 2 need for further training as well. For example, if a treatment-room sister is to help to run an immunisation clinic the health the additional tasks. Usually the specialist in community medicine will be able to advise if any problems arise. medicine will be able to advise if any problems anise. <br> heath emvation officar Virtually all healh authorites now have the services of at least one full-time heallh education officer (HEO). He or she is responsible for coordinating healh education services in the arca or district and for providing advice and resources. Many HEOS have a background in oursing or heald visiting and some trining and hold dhe diploma in health cduation. Most are The HEO can provide a most important service for prac- <br>  will always be wiling to provide direct advice to practioners. He holds stocks of hacalt cducation matcrial, ranging from displays snd posters to tilms and dilm strips suitable for different audiences. Moss health cduacion units sock the full range of <br>  incalud Eumation Group and ontiten many oheres as well, of a graphic arists or audiovisual tecchnician and will lend slide or film proiectors. |



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| than one month was interviewed by the practice drug monitor, a State-registered nurse. She had been trained to evaluate problems associated with drug treatment and to identify drug- related morbidity occurring in elderly patients on long-term treatment. Of 167 patients so identified, $36^{\prime \prime} \%$ were thought to be suffering from unwanted effects of drugs at the time of the interview. When appropriate, measures were taken to reduce the incidence of iatrogenic disease in such patients. <br> 1 thank Hilda Mellor for her help as drug monitor in the survey, and Ann Morton for typing this article. 1 am grateful $\mathbf{t}$ my wife Shirley for help with proofreading and artwork, and to the staff of Chesterfecid Hospital laboratorics for the analysis of haematological and bio- chemical samples. <br> References <br> - Department of Health and Soctal Securiky. A happier old age. London HMSO, 1978. <br> - Shaw SM, Opit LJ. Need for supervision in the elderily receiving long- <br>  1072-5. <br> - Gibson IJM, O'Hare MM. Precription of drugs for old people at home. <br> - Hurwitr N. Intensive hoapial monitoring of adverse reactions to drugs. <br> Br Med $j$ 1969; ;i:531-6. |
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## Research in General Practice

## A nurse's experience in the MRC's hypertension trial

 GRETA BARNESMy introduction to general practice research coincided with
the pilot study of the Medical Research Council's trial for mild hypertension' nine years ago, before any participants
had been recruited. Over half a million people have now been had been recruited. Over half a million people have now been
screened, trial recruitment is complete, and 176 group practices
have provided $16415(9)^{\circ} \%$ of the $17362^{\text {t }}$ trial participants.

## Why I started

Initially, doctors were going to carry out the research, with
perhaps a little help from a practice nurse or secretary. Detailed trial methods were left to individual centres but had to include screening, a medical examination including electrocardiogram,
blood and urine esest, randomisation to active or placebo treatment, and follow-up visits every two weeks for three
months, three monthly for the rest of the first year, and at least six monthly thereafter for five years, with full medical examins-
tions cearly.
Doctors in a Doctors in a group practice from Stratford-upon-Avon who
were interested in taking part were somewhat perturbed at the

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GRETA BARNES, sRa
GRETA BARNES, sRN
xtra work load that the trial would entail for an already busy was asked at a social occasion by by a friend who was one of the GPs whether 1 was prepared to be involved. My interest
was aroused because I would be given, or rather I was expected was aroused because would be given, or rather 1 was expected
to have, total resposibilitity for the eplanning and organisation of
the study in the practice. In return for this I could plan my ours to
alt around the ene although ant the partiers had agreed to participate in the study,
one of them was known to be enthusiastic about reaing
hypertension, and I therefore was assured of support. I recollect, hypertension, and I therefore was assured of support. I recollect,
though that it was the whole concept of research and its
potential in general practice that appealed to me.

What I did
For every step forward I seemed to take two back, but
eventually a screening programme was set up in the practice evertualily a screening programme was set up in the pracice
and over 15 menths all patients aged between 35 and 64 were
nvited to be screened. Those invited to be screened. Those who fulfilled the triai criteria were
given a medical examination by the doctor and were entered into the trial.
During the expansion of the pilot trial, Dr wW E Miall, the
trial co-ordinator at Northwick Park Hospital, asked me if I trial co-ordinator at Northwick Park Hospital, asked me if I
would develop and trach screenin, trial organisation, and
resarch methods to clinics new to the trial. By this time I was
matish medical journal volume 2854 december 1982
The patient seem to enioy their participation in the MRC
trial and the extra care they receive, Most of them identify the research programme with their own practice rather than with
the MRC, and their sense of loyalty might explain the high
level of compliance found in the trial clinics.

## Lessone I learnt

Probably the most important lesson 1 learnt was to be objective Iearn from my mistakes and experience. 1 also coud to to apprefreciatc
that all doctors were different and what would please one that all doctors were different and what would please one would
not necessarily please another. Although overall standardisation not necessarily please another. Although overall standardisation
was required it was sometimes dificicul for some of the doctors and nurses to accept and achieve this.
About 1200 nurses worked in the
About 1200 nurses worked in the screening units during the
screening programme, and whice screening was in progress 1 screening programme, and while screening was in progresss 1
compiled a register of those nurses who were good and wished
to be considered for future research programmes. This turned to be considered for future research programmes. This turned
out to be very valuable, not only for the hypertension screening
programme, but also for an MRC national survey based at out to be very valuable, not only for the hypertension screening
programmer, but also for an MRC national survey based at
Bristol University. Advice for others undertaking such research
The MRC trial is the largest therapeutic trial ever to be mounted in Britain but undoubtedly in the future other working
parties will contemplate further large scale proiects. Establishing
a widely representative working party is issential a widely representative working party is essential, but perhaps of
greater importance is the necessity to convey to all the par greater importance is the necessity to convey to all the par-
ticipating clinis that the success of the rrial depends on the
maior part they play in a collaborative venture. From the maior part they play in a collaborative venture. From the
point of view of the MRC trial of course in would have been
casier to mount the trial knowing what we know now, and others

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contact groups nationally and internationally with the right xperience
resent opportunities for research
A large-scale framework for research in general practice has seen provided by the MRC trial, and in ithe eveew of many se hould
oot be dispersed when the trial has been completed. The sot be dispersed when the trial has been completed. The
feasibitity of other projects is now being assessed and piloted
within that structure ceasibibity of other proiects is now being assessed and piloted
within that structure wwith a view to providing answers to ocher important questions. Many nurses have shown that they have 2 aptitude for carrying out research procedures, and though
will always be tu to the medical profession oi identify the mos
promising fields for medical research the experience of the promising fields for medical rescarch the experience of the
MRC hypertension wirial suggesss that there is a definite place for the research-minded nurse in general practice.
1 am gractul to Dr W E Miall for his helipful advice and o Mrs M
Cater for her support. My thanks are also due to the trial field-workers


References



## Plus Ça Change

Graves Medical Audiovisual Library: 1957-82
valerie graves

| In the BMI of 10 July 1982 Dr G B Taylor' wrote about discussion groups. Twenty-five years ago my husband John and I were helping general practitioners to teach one another in groups. 1957 was the year in which Harold Macmilan becanc prime minister, and a liftle dog called Laika circled the carth in Sputnik. TV licences had gone up to $£ 4$ and prescription charges to one shilling. There were polio epidemics and angry questions in Parliament about vaccine shortages. Smallpox broke out in Tottenham, and tetanus immunisation was not yet routine. Syringes were made of glass, but plastic tubing was coming in for infusions. New drugs included nystatio, tolbutamide, for infusions. New drugs included nystatin, tolbutamide, <br> Writtle, Chelmaford, Escex CM2 9BJ | paracetamol, and synthetic penicillin V. Chlorthiazide was beginning to replace mercurials, but as meprobamate, were regarded with suspicion. Prednisolone Gecame available for gencral practitioners' use. General practitioners felt the need <br> General practitioners felt the need to prove themselves. They were very unhappy, not only about money (arguments about low pay nearly resulted in mass resignation) but also about tow status (dropouts from the consultant ladder). Refresher courses were few and hospital-oriented. We were among the enthusiasts who had started the College of General Practitioners in 1952 John was a principal in a semirural practice; I joinned him hater, but was then temporarily retired with four small children. Having been a preclinical lecturer, my knowledge of research methodology was useful to the infant college in handling data such as their 1955 measies survey and 1956 questionnaire about |
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| VALERIE GRAVES, ose, frCce, honorary dircctor, and general practitioner | the needs of members. This showed such a desire for better |



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couraged to start some kind of do-it-yourself courses. We
decided to record good speakers on tape and send tapes round to volunterss picked from the replies to the questionnaire.
Some of our speakers were Some of our speakers were general practitioners, some
specialists. Some of the e opics seem naive ooday but hey were
buming issues then. The response asoonished us. wee must have burning issues then. The response astonished us. We must have
picked a crucial moment when general practice consciousness picked a crucial moment when general practice consciousness
was waiting to express itself, for within five years 450 groups
were meeting regularly to hear and discuss recordings. We had started an avalanche.
308 general practitioners who were running discussion aroups at that time. They were an interesting selcection: mossty fairly young (averaging 16 years from registration); 86 had higher
qualifcations, including 22 MDs, seven MRCPs, two FRCSs, and one FRCP. Being a member of a study group, then as now,
meann self-examination. (W) call it audit now.) Many of these
GPs went on to start deparments of gencral practice and GPs went on to start deparmments of general practice and
vocational training schemes and to set up local postgraduate centres. The tape groups, having played their part in fermenting Thenusiasm and activity, gradually became less important. Dr Taylor's article describes the same principipes and aspirations.
There is no shortage of courses now, but many gencral practitioners again find that self-education in small groups is more
rewarding. Dr Taylor's article appeared under the title "Overcoming Isolation." In our day we talked about academic isolation. Even in urban areas general practitioners could feel
cut off and were reluctant to expose etheir ignorance to bright young registrars. A tape brought friendy personal ceaching
could criticise the spaker and admit your hhortcoming without
anxiety. Perhaps the new wave of audit groups will produce another genera
great changes.

| Developing a library <br> The scheme which we called the Medical Recording Service might well have faded away with its discussion groups, but to our surprise it did not. By the mid 'sixties it was developing into a lending library. It continued to grow from a part-time hobby to a cottage industry. It spread from room to room of our house, to premises in nearby Chelmsford. The idea of tape-slide teaching spread to hospital doctors, to nurses, students, remedial therapists, social workers, first-aiders, and people in many different types of training courses. From the beginning doctors overseas wanted to use our tapes. By the mid 'seventies we were sending out on loan or for sale roughly 20000 tapes a year; about a fifth of these went overseas, especially to new medical schools in the developing world. Correspondence and visitors from all over the world have added colour to the sometimes humdrum life of a rural general practitioner, in which capacity we both still earned our living. <br> What was the appeal of tape-slide teaching ?-for it is still popular in spite of the encroaching videocassetre. Probably its simplicity and cheapness, using only what we called "High Street technology"-that is, playback equipment that everyone Street technology"-that is, playback equipment that everyone has at home. Video recorders are High Street technology now, |
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