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PRACTICE OBSERVED

Essays on Practice

The practice nurse: is history repeating itself?

K J BOLDEN, S BOLDEN

General practice depends more and more on the skills of practice nurses. It therefore behaves general practitioners to help nurses to find their true place in their own profession and give them the support which general practitioners needed 20 vera 30. We think that looking at the historical development of general practice wine the beginning of the National Health Service may provide some the beginning of the National Health Service may provide some During the first decade of the NIBS general practitioners were provide organical, worked in professional solation, had no formal training, and were considered by their hospital consultant colleagues to have "fallen of the rung" of the career ladder, General practice has developed in stages to its precent state where over half of medical students obsoic as a variety and its recognised as a discipline with this development was the Roval College of General Practitioners in pursuing educational aims. In 1996 of Sec Charter in improving pay and working conditions, and the introduction of formal vocational training in 1973 and the Vocational Training Act of 1981.

Thus for general practice to become a discipline in its wor right required that in was recognised a braining capital states with other lengths of the processing and a strategies of the practice. The committee with satisfactors pay and conditions of service.

We believe that practice murses are embarking on this long path towards recognition, with all that this implies in terms of processing and the practice murses are embarking on this long path towards recognition.

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The role

It took several decades for general practitioners to decide upon their role, and even now differences of opinion exist about it. Should general practitioners to office patients through to a adalyse services seemed appropriate to general practitioner school appropriate for general practitioners businessmen and women, and where does competence in business overlap with professionalism? Should the epidemiological consequences of working with an identifiable patient population be capitalised on both general practitioner and professionalism? Should the epidemiological consequences of working with an identifiable patient population be capitalised on both general practitioner or left to others, including hospitals? Such questions have not been satisfactorial sowered. A practice more was defined in Royal College of Wissing report. Putting Nords of Practice Names, as a reprosected general nurse in the treatment room and employed by health authorities." The definition is concerned more with the employer and place of work than with the ofto to be doen. The role of the practice nurse needs to be clearly defined, because until it is it will be improvible to design a training course to meet the requirements of that role, which ranges from a spare pair of hands to a full nurse practitioner.

The hierarchy

As a breed, general practitioners do not take kindly to bierarchy al
structures, and, prefer to organise their own way of working,
maintaining professional independence and, to some extent, protessional solution. Much more peer exchange takes place now than
it and 20 years ago, but nevertheless the independent contractor
status is bereefy defended.

Like general practitioners the practice nurse works on her own in
professional solution and makes her own decisions about standards
of circ. Some will have been forced into this work owing to
circumstances, but, for many, personalizes and preference distate
hospital or community nursing. And here lies another difficulty
because the other branches of the nursing profession are not clear
about their relationship with the practice nurse, even when working
in the primary health care team.

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BRITISH MEDICAL JOURNAL VOLUME 293 — \$ JULY 1986 frequency of a variety of parameters a time probe sampling technique was adopted. Direct measurement of the quality of primary consultation tasks, history taking, diagnosis, and management was used by Brownbridge et al to show "a minor negative effect of computer use on the doctory chainea performance." Such measures offer a sudgment of the consultation as a whole, but the direct measurement of the duration of primary tasks is meaning-less—who is to say that a longer history taking phase is better than a their one, and so Modela. Event Recorder (Timer was developed, Time Interval Modela) Event Recorder (Timer was developed, activity and of certain secondary tasks (exploring the patient's concept, education, sharing in management, and prevention which could be more reasonably related to the concept of quality without sacrificing objectivity.

Method to the hundred patients who attended the normal morning, altermoin, and exeming surgeries of the three discuss in the health centre were choren from the appointment blook according to a random selection of appointment numbers from 1 to 12: seven patients declined, giving 39 participants. 44 men and 49 women of patients who attended surgeries during which a computer terminal was available to the doctor to prompt preventive care were approached of these patients had a giving to patients who agreed to participate; the computer was used with 49 patients. 21 men and 28 women. All the participating patients were tool that the doctor whom they had arranged to see would like to video record their consultation in connection to video record, and therefore those which consultations were in the experimental ample; they were unaware of how these recordings would be analysed.

to video record, and therefore know which consultations were in the experimental sample, their were unasized of how their coordings would be analysed.

The interest applied to these video recordings. It requires coding at five. The interest was not as a few fore recordings, but all the control of the cont

Results

A simple of 20, omodifations, which included 31 problems, gave intrarater reliability of between 0.83 and 0.95, and interrater reliability of between the control of the control

Computer used

fell from 36% for the controls to 28% on computer use, but doctor speech now from 30% to 34.5%. The changes in the durations of the categories of speech were not significantly and a composition of the control count of the computer of consultations featuring some sharing of management was in the computer opposition of consultations featuring some sharing of management was in the computer opposition of consultations featuring some sharing of management was in the computer opposition of consultations featuring some sharing of management was in the computer opposition of the computer opposition opposition of the computer opposition oppositio

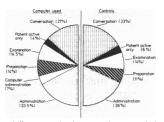


FIG. 1—Mean percentage of doctors' time spent on each activity in control and computer assisted consultations

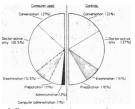


Fig. 2—Mean percentage of patients' time spent on each activity in control and computer assisted consultations.

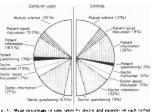


Fig. 3— Mean percentage of time spent by doctor and patients on each verbal activity in control and computer assisted consultations.

Professional leaders

Like the general practitioner the nurse is tied to the practice and has no one to delegate work to. Pay arrangements are such that money is earned only when at work and there is no spare time for summittees and professional development during the working day. General practitioners found most of their professional negotations being carried out by colleagues who were not general practitioners only a few discissions who were after the leave their practices. Practice by a few discissions who were after to leave their practices. Practice being drawn from biospital or community musting with nonexperience of the problems and needs of practice nurses. Discussions have focused on bringing practice nurses within the orbit of the other nursing herarchies and have had no regard for the developments in practice nursing or of the professional independence.

Needs of Practice Nation, as one of us may served on the monage, and the procession of the participants resulted in several practice nurse groups being set up in Devon. These aimed at providing continuing education. Thus the first principle of encouraging the nurses to take responsibility for their own training was achieved and a peer support group established. But the long term outlook is rather bleak, as the terms and conditions of service of general practitioners, who are the main employers, are written in such a way that it is not provide in orbain funding for course for the nurses, only part results of the nurses.

1 Working Parts: Training work of practice native Tondon Royal College of Nutring, 1984

Practice Research

Timer: a new objective measure of consultation content and its application to computer assisted consultations

MIKE PRINGLE, SALLY ROBINS, GEORGE BROWN

As part of the research into the effect in the consultation of the use of a computer to prompt opportunistic preventive care a valid, objective, and practical measure of the consultation process was required. After a review of the alternative methods the Time Interval Medical Event Recorder (Timer) was devel-oped, its reliability tested, and applied to 95 control consultations from the consultation of the consultation of the consultation five seconds, four consultation events: the problem being dealt with, the physical activity, the verbal activity, and the secondary tasks being attempted.

here seconous, own, with, the physical activity, and use assuming tasks being attempted.

Timers showed that control consultations lasted an average of 6 minutes 58 seconds. The doctors spent 35% of their time on administration, and patients and doctors were both conversational for just 35% of the consultation, Giving information was conclusionally selected to the consultation, of the consultation, of the consultation for the consultation was stored to consultation was since accounting for 21% of the time.

When the computer was used the average consultation was longer, at 7 minutes and 46 seconds. The doctor's contribution to

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educational needs. This philosophy of peer group learning was introduced into the first training ourse for practice nurses, run as an external course, in the department of general practice in Reteer in 1984. There were 10 one day sessions with a break between the first and second modules during which protects were undertaken in the practice. The content was based on the outline villabus in Training Needs of Prainin Nurses; as one of us had served on the working

the consultation appeared to have increased. Patient centred speech fell from 36% in controls to 25% of the duration of the consultation when the computer was used, while doctor centred Secondary tasks (exploring patient concepts, checkacion, management sharing, and prevention) were attempted during 25% of the control consultations and 46% of the computer consultations. This was accounted for by the increase in prevention (p<-0.001). Timer is a reliable and practical tool for researching the consultations, and though it has shown validity in detecting differences between consultations that us a computer and those that do not, further applications are required to establish its full value.

Introduction

After developing of the mood adjective checklist—and topic analysis to elucidate the effect that a computer terminal, used to prompt preventive care, might have on patients, analyst and their propensity to present problems we wanted to examine further the effects on the consultation.

Though descriptive studies have a clear role in interpreting the content of the consultation, they are not designed to quantify their parameters. Basic rating scales are adequate for reflecting consultation evaluation is required. An examination of these alternatives showed them to be either not relevant to our needs or too complex to apply to multiple consultations by relatively untrained users.

Since we had decided to measure both the occurrence and the

In normal consultations the observed doctors spend over a third of their time doing administration (looking at notes, writing forms: ctc and exhibit also duration of examination [148], although some examinating dot occur in four fifths of the consultation are consultationarily and consultation of the consultation and are consultationarily and an artist in mutual conversant posture where eye contact and body language should be most facilitating.

A fifth of the consultation was silent, which might be interpreted as demonstrating a thoughtful, reflective consultation style. It usually, however, indicated that one person was occupied with another task, such as reading the notes, listening to the chest, or Extra the consultation of the consultation of the consultation by increasing the percentage of doctor speech with a decrease in patient speech and by changing the remphasis from patient centred to doctor centred speech, by increasing doctor administration, by increasing the time in which the doctor only is active. All these features imply medicalisation of the consultation, which may be sen as a landblate consultation of the consultation, which may be sen as a landblate of the consultation in the computer use, bowever, and the increase in the time that the doctor only was active to do to both the computer use and the increased percentive activity. The computer consultations were longer and dealt with twice a many problems as the control, and doctors spent significant of the consultation of the consultation of the consultation interchange. Overall, the conclusion may be decreased in the next time and tasks prompted by the computer occur not at the expense of, but in addition to, the usual consultation interchange. Overall, the conclusion may be deviced as a prompted by the computer occur not at the expense of, but in addition to the tasks of the prompted of the consultation interchange. Overall, the conclusion may be decreased in the modal consultation interchange. Overall, the conclusion may be decreased in the m

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Fig. 4.—Percentage of consultation duration spent on each sections, in control and computer assisted consultations.

: Now. These rules are included as a guide to the interpretation of the results. To apply Timer the full rules would be required and they are available from the authors:

authors:

A Problem identification

The number of each problem encountered in entered on the ware obsert, the The number of each problem encountered in entered on the ware obsert, the desired in a number of the number of both problems and in appenenced equality between them both because in a number of them both in the number of both problems in a new problem. If the centered author of the problem which arises as a new problem. If the centered author of the problem which has been presented at Lemmang problem—Arm protein related problem which has been presented at Lemmang problem—Arm protein related problem which they been problem articular to the problem with the problem of the countered problem with customs of an orbitational nature which is clearly initiated by the discrete and not presenting as a problem without the problem without

Be Physical activity.

By Charles about Doctor activity is coded "D" and patient activity.

This is coded up perturb about Doctor activity is coded "D" and patient activity.

P", ether, both, or neither being recorded at each 5 second interval.

the presenting patient.

Preparamer—Ans activity which is perdiminary to or following on another activity, susually examination treatment or preparing to leave.

Examination internment—Self evident and occurring mutually for both doctor.

Examination or measure—Self evident and occurring mutually for both doctor and patient.

Contersanomal—A default category which occurs when neither doctor nor patient is doing anything else.

 $(C) Verbal \ ucntury.$ This is coded on soundtrack alone, "D" or "P" is entered for each time interval, never both, and if both are speaking at once it is coded according to who started

first. Medical gentoming—Any questioning by patient or disctor retisting to an specie of the preceding patient's behalt. The discovering patient's behalt species of the preceding patient's behalt related a signement—Any information relating to the presenting patient's behalt with a signement—Any information relating to the presenting patient's behalt behalt behalt and the second relating to the presenting patient fautherion—Extends beyond information in actually going some direction when is asking the patient to take breastly or swing how in side medication. Where —Since these verbal categories cover all interances that is the default category.

stegors.

D. Semidari task attribe.
Generally the decision will be responsible for tasking the minature to fulfil task,
although patient solutionered information may fulfil a task with no input from the
absoluph patient solutionered and the state of the state of the
sudged to occur simultaneously
and the state of the state of the
patient's integer. Effects to information from the patient which cuts no
beyond a description of this symptomic, but nevertheless relates to problems
and discussion of the effects that be thinks thilliess our treatment has no him
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