

PRACTICE OBSERVED

Practice Research

Practice nurses and antismoking education

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Abstract
A questionnaire on antismoking activities and education was sent to 369 nurses in general practice. The response rate was 80%.

Introduction
Cigarette smoking accounts for at least 100 000 premature deaths in Britain each year, at a cost of £165m to the National Health Service.

Methods
The survey included all nurses based in general practices in the Oxford region, who were employed either by the practice ("employed nurses") or by a health authority ("attached nurses") for treatment nurse duties.

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comparable to the 87% response in an earlier survey of general practitioners and health visitors. As with all postal surveys interpretation depends on the characteristics of the non-respondents and on the accuracy of self reports.

TABLE IV—Nurses' smoking behaviour and antismoking activities

Table with 3 columns: Question, Current smokers, Ex-smokers or never smoked. Rows include: How often do you discuss... with healthy adults?; How often do you give... advice?; How effective is... advice?

The survey relied on self reported data, which may be slanted towards giving a favourable impression of antismoking activities. There was no attempt to validate responses against observed behaviour.

In this survey 12% said that they were smokers, whereas in previous surveys 32% of women (1984 figures) and 28% of community nurses (1982 figures) claimed to be smokers.

Though the role of practice nurse is clearly expanding, many are employed primarily for treatment nurse duties, traditionally with little emphasis given to health education.

techniques for stopping and counselling skills. The topics, skills, and resources listed should provide useful guidelines for planning training for practice nurses.

Interestingly, nurses' smoking state did not appear to have a noticeable effect on reported antismoking activities and attitudes. Whereas current smokers were more likely to be slightly less likely than non-smokers to initiate a discussion with patients about smoking, there was no significant difference between the two groups in the reported frequency of giving advice.

Almost half the nurses claimed that practice personnel were permitted to smoke when not seeing patients. Though this is some improvement over the 62% in the 1980 survey, the extent to which smoking on practice premises may undermine antismoking messages given to patients is unknown.

Nurses frequently mentioned literature, films, video, and visual aids as resources which they would like to have for antismoking education. Health education literature, however, was used surprisingly infrequently, suggesting a need for closer links between health education units and general practices to meet a practice's requirement for health education aids and to ensure that the booklets and leaflets are put to use.

With the increasing role of nurses in prevention, information on smoking and counselling skills should be given priority.

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References

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Multicultural medicine

Polio immunisation—Women who spent their childhood abroad may not have been offered immunisation as the United Kingdom. They are often at an increased risk of having a child with congenital rubella.

Results

Characteristics of the nurses
A total of 296 nurses replied to the questionnaire, 127 employed nurses and 169 attached nurses, a response rate of 80%. At least one nurse replied from 188 practices, representing 90% of the practices surveyed.

Smoking policy
Most of the practices had a no smoking policy for patients and for staff when seeing patients, 92% of nurses replied that patients were not permitted to smoke on practice premises, and 87% replied that staff were not allowed to smoke while seeing patients.

dentists agreed that nurses should have some or a major concern in efforts to stop people smoking and that general practitioners have a major part to play. A large proportion of nurses thought that personal determination or willpower and smokers' personal experience of illness were important in giving up smoking, but they expressed little faith in their own effectiveness in helping people to stop smoking.

TABLE II—Nurses' opinions of participation of agencies in antismoking efforts (n=296)

Table with 3 columns: Question, Major, Minor or none. Rows include: To what extent should the following be involved in efforts to stop smoking?; Legislation to restrict smoking in public; Health education; Advice from general practitioners; Government through control of tobacco companies; Government through price control.

TABLE III—Nurses' opinions of effectiveness of antismoking methods and agencies (n=296)

Table with 4 columns: Question, Very, Moderately, Slightly or not. Rows include: In your opinion, how effective are the following in causing people to stop smoking and why stopped?; Personal experience; Illness in friend or relative; Advice from general practitioners; Mass media; Advice from nurse.

Influence of nurses' smoking behaviour on giving advice and on attitudes

Table IV summarises the activities and attitudes of current smokers and ex-smokers or those who never smoked. Nurses who were cigarette smokers were slightly less likely to initiate a discussion with their patients about smoking. There was no difference, however, between current smokers and non-smokers in the frequency of giving advice.

Resources, skills, and training for advising smokers

The questionnaire included 20 open questions concerning the skills, resources, and training that was required to give smoking advice regularly. Eighty per cent of respondents listed one or more skills or resources that they would like. Literature, leaflets, posters, films, and videos were mentioned often. They also requested facts about the effects of smoking and about techniques for stopping and information about smokers' groups, visual aids, skills in counselling and advising smokers, and referral agencies to help smokers.

Discussion

Eighty per cent (296) of the nurses replied to the questionnaire, which indicates considerable interest in smoking education. It is

Antismoking activities and smoking advice

Half the respondents reported that they usually recorded patients' smoking state in the notes. Table 5 gives the frequency that advice was given to smokers. In over 80% of cases, advice was given to patients who were "sometimes" than "very often or always." Forty per cent sometimes

TABLE 5—Smoking education activities (n=296)

Table with 5 columns: Question, Very often, Often, Sometimes, Occasionally, Never. Rows include: How often do you discuss... with healthy adults?; Give antismoking advice; Advise the subject; Advise the subject; Advise the subject; Advise the subject; Advise the subject; Advise the subject; Advise the subject; Advise the subject.

gave direct antismoking advice: nurses were more likely to advise smokers at risk—patients with smoking related illness, parents of infants, and pregnant women who smoked. Most never avoided discussing smoking "for fear of alienating the smoker." Nurses only infrequently referred smokers to other agencies for help, or recommended literature as aids for stopping; 58% occasionally or never referred smokers to the general practitioner for advice; 10% regularly recommended nicotine chewing gum as an aid for stopping, and 78% never referred smokers to other services for help. Only 31% often or always gave patients literature about smoking. Smokers groups were run in nine practices, in three by practice nurses, in four by health visitors, and in two by general practitioners.

Attitudes and beliefs about the effectiveness of antismoking education

Tables I and III give the responses to questions about the participation and effectiveness of various agencies in antismoking efforts. Most respon-

Audit Report

Treatment of hypertension: review necessary after screening

In 1983-4, 1084 of the patients in our practice aged 40 or over were screened for hypertension (systolic blood pressure >160 mmHg). Seventy per cent of the hypertensive patients were already known: 82% of these were on treatment and 68% of these had a diastolic pressure of <95 mmHg and 79% <100—the practice criterion for hypertension. Thus the "rule of halves" had become the "rule of three quarters."

During the survey, 55 non-diabetic patients with a diastolic pressure of >100 were referred to their doctor. Twenty one were already on treatment and changes were made in two; 24 were newly discovered hypertensives, and treatment was started in eight; 10 had raised pressures previously recorded, and treatment was started in three.

Six months after the survey ended I reviewed the records of the 55 patients. Twenty three had not been treated: one had left the country; six had hypertension but were not treated because of age, other illnesses, etc; four refused to attend; and 12 did not have confirmed hypertension (a later review showed that two of these

became "hypertensive" within the next few months). Thirty two were on treatment. Thirteen of the original 21 showed unsatisfactory control, and their doctor subsequently reviewed them. Five of the 11 newly treated patients still had raised pressure, and changes were made in three. Two failed to attend for follow up or refused further treatment.

The review produced changes in treatment for six out of 32 patients. Three quarters had been adequately treated (not always with a diastolic pressure of <100). Only 55%, however, of those who were newly assessed as requiring treatment and who initially agreed to it were adequately controlled. This confirmed that regular audit is necessary after screening programmes but that 100% satisfactory control can never be achieved.—MELVIN ROSS, general practitioner, 96 St John's Way, London N19 3RN. (Accepted 15 January 1986)

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100 YEARS AGO

A refined hand of common sense in the application of the principles of medicine and surgery, and a practical wisdom in the management of patients, have been the most striking qualities of the English school of clinical teaching. In the organization for teaching in special departments, clinical teaching in the bedside, and in our arrangements for the study and teaching of pathology, we have allowed ourselves to be disastrously misled; but in the teaching of medicine and surgery by the bedside, we have nothing to fear from comparison with schools. While there is to our shame, be it said—no properly appointed pathological institution in the whole of England, there is not a medical school which does not possess one or more clinical teachers of striking ability. These are various, and no two men follow exactly the same plan; still, it may be seen that the teachers fall generally into one or other of several distinct classes, and aim at attaining their ideal by different roads.

The Socratic method has been pursued with brilliant success by some of the greatest clinical teachers who have ever lived. It has received its highest development at the hands of physicians, and is capable of being made a most efficient instrument for conveying lessons which sink deep into the mind, though in unperceptible and unobtrusive ways. It is a method which, by no means grading results, it is capable of many modifications; one student may be singled out and plied with a string of questions until he has pledged himself to some diagnosis, or to some theory as to the nature of disease; if the student be dull, or careless, or ignorant, he may be asked to state the purpose of the teacher, who can point out the error of his diagnosis, or the weakness of his logic, with a merciful hand. The disconcerted student perhaps unwarily was never again to expose himself to like ignominy; and now comes for the teacher the most delicate part of his task. Having exposed the ignorance of the student, he must indicate the sources of uncertainty in his own diagnosis, or in the student's theory, and he must be able to do so much, he will merely have inflicted a useless annoyance, and created for himself a factitious reputation for infallibility, sooner or later to be demolished by observation made in the post mortem room. If he go too far, and insist too much on difficulties and doubts, he will be liable to send his class away in a sceptical frame of mind, disbelieving equally in themselves, in their teacher, and in their art. There is a dangerous one to do so; it demands a clear head, extensive knowledge, and no little tact. But, if successful, the success is complete; students of all ranks and practitioners

of every walk will throng to the class, and the teacher's name will be spread far and wide as a man to be called upon for help in obscure or anxious cases. The method is capable of modification in many directions; the most nearly allied is the system of clinical teaching by thinking aloud. It is a most valuable and popular method, but only less difficult than that last indicated; the teacher makes a systematic examination of a patient, stating his observations to the class, and drawing his deductions before it, indicating collateral facts, previous observations, and the whole train of reasoning by which diagnosis and prognosis are arrived at, and a line of treatment suggested. The method is extremely popular with some of the best teachers in London at the present time, and lectures of this kind may occasionally be heard which are models of scientific reasoning and practical wisdom; they are useful to the attentive listener, not only for the matter which they contain, but for the lesson in orderly thinking which they convey; they afford a real intellectual treat, and grey hairs and the owners of well known names may not unfrequently be found among the audience.

There are teachers who imitate the Socratic method, but at a greater distance. Impressed by the obvious advantages and facilities which it affords, but impatient of the slow working or shilly operations of the average student-mind, they do not wait for their questioner to be answered; they always argue with an imaginary adversary, who is apt to start the most improbable theories, which the teacher very valiantly demolishes. The method, though it does not call for an high powers of mind as either of the former two, has distinct advantages of its own, and often attracts the more industrious of the senior students of a large school. Such teaching is particularly useful to men who have read widely, and possess some logical ability, but are not gifted with such imagination. A teacher of this class is generally successful in preparing students for the higher examinations; he aims the student of the use of the Socratic method, and his pupils are able to reach his own level in their future difficulties as private practitioners. There is a final degradation of the Socratic method, when the teacher poses as a kind of medical Magdalen, who puts simple questions to his younger pupils, and helps them to answer in proper phraseology. He forces the plural pronoun, and glories in the stock commonplace of the text-books. Still, however, like Mrs. Mangrove, he has his uses, preparing the youthful mind for the strongest food which more virile teachers will supply. (British Medical Journal 1886; 3: 353.)

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