

PRACTICE OBSERVED

Practice Research

Adverse drug reaction cards carried by patients

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Abstract
Five hundred patients were asked whether they were allergic to any medicines. The description given of any stated reaction was assessed to see whether an important adverse drug reaction was likely to have occurred.

Patients were asked to carry a card with their name, address, and a list of drugs they were allergic to. The card also contained a list of common drugs and their uses.

Introduction
People are often unable to state whether they have suffered an adverse reaction to a medicine. Furthermore, they seldom seem to carry any information that would warn others of their reactions.

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The study took place in Sheffield in an urban practice of roughly 4200 patients served by one full time partner, one part time partner, and a trainee.

patient could not describe the reaction. (3) Those who were unlikely to have experienced any adverse reaction (41 patients). The description given (if at all) was poor, and there was no documentary evidence of a reaction in the notes.

TABLE I—Grouping of patients when history of sensitivity and documented evidence in notes were combined

TABLE II—Types of drugs causing adverse reactions

If group (3) is excluded then 89 patients may have reacted adversely to 113 drugs of medicines, and these are classified in table II.

TABLE III—Description given by patients, probably indicative of important adverse reaction

sets out the descriptions that were probably indicative of an important adverse reaction. Eight patients gave descriptions that were probably not indicative of an important adverse reaction.

could be persuaded to produce them as a service to patients. Forgetful patients might then be protected from exposure to offending drugs if their records were not available.

Questionnaire form with sections for Part I and Part II, including questions about allergies and reactions to medicines.

FIG. 1—Questionnaire completed at each consultation

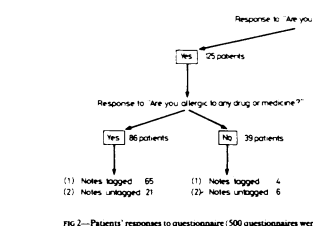


FIG. 2—Patients' responses to questionnaire (500 questionnaires were completed)

The following classification was used for reported adverse reactions (A) Symptoms suggestive of a hypersensitivity reaction—for example, urticaria, pruritus, oedema, facial swelling, loss of consciousness, collapse, difficulty in breathing.

Results

Over three weeks in May 1985, 500 consecutive patients (316 women (63%) and 184 men (37%)) were questioned.

One hundred and twenty five patients stated that they were allergic to something, although 39 qualified this by saying that they were not allergic to any drugs or medicines (Fig. 2).

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100 YEARS AGO

The subject of hats as a sign of beauty—or ugliness—has been made the theme for eulogy or condemnation, and their influence from a sanitary point of view has not been altogether overlooked.

one of these patients had evidence of the reaction documented in their notes.

Patients claiming sensitivity to a drug were asked who had told them about it (76 said that a doctor had told them) and what tests for it of the eight patients who gave a poor description of their reaction.

Part I of the questionnaire took approximately 30 seconds of consultation time to complete, even if all five questions were to be asked.

Discussion

The incidence of adverse drug reactions is unknown. Many factors contribute to this lack of knowledge.

The definition of an important adverse reaction is difficult. In this study important adverse reactions were taken to be all hypersensitivity reactions and severe drug intolerances.

In total, 89 (18%) patients may have suffered from an important adverse reaction, although there will always be an element of doubt as to whether this is the true position.

The records of 75 patients were tagged, and a surprisingly high proportion of patients (68%) could accurately name the offending drug, although only eight patients claimed to carry warning information on them.

would be missed. There will often be an element of doubt when tagging notes, and doctors will need to decide for themselves how they wish to define an important adverse reaction.

I should like to thank Dr A. Z. Andriewski and Dr Anita J. Taylor for their comments and help in administering the questionnaire.

References

- 1. Royal College of General Practitioners. Report on colour tagging by research committee of the RCGP. (Edinburgh, 1980).

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