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PRACTICE OBSERVED

Practice Research

Adverse drug reaction cards carried by patients

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Five hundred patients were asked whether they were allergic to any medicines. The description given of any stated reaction was assessed to see whether as important adverse drug reaction was likely to have occurred. The patients 'records were alone zamined for collaborative evidence. Poor documentation often made it difficult to confirm the patient's chaim of drug sensitivity. A total of89 patients may have suffered from important adverse reactions to 113 drugs. Full documentation of adverse reactions is important, but only eight patients carried any information to warn others of their sensitivities. Patients should be asked about any drug feasitivities and, if appropriate, given written confirmation of them. A quetic, imple method of doing this would be to provide patients' with a plastic card, similar to a credit card, with instructions and details of the reaction written on it with an indelible pen.

Introductions

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. In certain circumstances this could have serious consequence—for instance, when a patient is brought unconscious into a cassaly department. The Royal College of General Practitioners recommends the practice of tagging records with coloured markers to warn the clinician that there is a history that could affect current or

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future diagnoses or treatment." The system consists of different coloured stickers, which are put either on the right edge of the front of the patient's envelope or along the top edge of a prosecting insert card. "Sensitivities"—drug sensitivities, severe toos drug disosyncrases, and major allergies—are indicated by a red marker. In this study a similar system was used: a warning was written on the top right hand corner of the front of the notes. Obvously, this system is useful only if the notes are available as the time of consultation; it might be more useful if the patients themselves curried the relevant information.

Before introducing such a system several questions need to be answered.

Method
The study took place in Sheffield in an urban practice of roughly 4200 patients served by one fill time partner, one part time partner, and at trainer. A short questionnair was constructed fig 1). Part I was completed at the start of each consultation, when the patient was saled if he or the was allergated to anything (questions). If the explore was No the decive progressed not contained through the rander of part I. Question I was structured so that if the patient was that explored the part of the patient was progressavely prompted to see if he could recall it. This procedure a similar to normal clinical practice. When a patient and that he carried some writing information on him he was added to produce it for examination by the wave questioned.

rere questioned.

Part II of the questionnaire was completed after each surgery. The notes rere first examined to see if the patient's reply correlated with any warnings.

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patient could not describe the reaction. (3) Those who were unlikely to have experienced any adverse reaction (411 patients). The description given (if at all) was poor, and there was no documentary evidence of a reaction in the

Patient's description	Evidence in notes		
	Present	Absent	All patients
Good	31	44	79
Poor Could not describe or desired sensitivity	10	403	413
Total	41	459	500

Drug	Adverse reaction ragged on notes	Adverse reaction not tagged on notes	All patient
Antibuotics	60	14	74
Analgerics	- 13	4	17
Barbiturates	2	1	3
Decongestants	2		2
Muscellaneous	4		5
Sticking plaster or Stenstrips		•	6
Unknown	6	0	6
Total	87	26	113*

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 rescion insues (there), poor response to analgeis; (noe), local reaction to injection (noe), no improvement made (one), brother allerge (noe); went bow with penicialli (noe). Fixial or lainb swelling, mouth ulceration, loss of consciousness, oculogris' crises, and hemolytic insuema would, however, probably be considered to be serious adverse reactions (by most doctors. From their own descriptions 22) patients probably surfacefrom such ground adverse reactions. Unfortunately, only

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Discussion

The incidence of adverse drug reactions is unknown. Many factors contribute to this lack of knowledge. Patients developing a reaction may not report in to the prescribing doctor, and sometimes putients codings used effects with true allergise restoons. Certain during the properties of th

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Part I (1) Are you allergic to anything? YES NO (specify ______
If YES are you allergic to any drug or medicine?
(2) What is the name of drug or medicine? medicine? If above unanswered what type of drug or medicine is it? If above unanswered is it Septrin, penicillin, or ampicillin? YES/NO _____ _ Part II Is the marking for sensitivity or drug intolerance? Is there evidence for the marking? YES/NO (Specify YES/NO

FIG 1-Questionnaire completed at each consultation

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The following classification was used for reported adverse reactions.
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Results

(1) Notes tagged 4 (2) Notes untagged 6

One had occurred in someone known to be ensutive to another using monother in someone thought not to be ensutive to any drug.

To try to clarify who was likely to have suffered from an adverse reaction. To try to clarify who was likely to have suffered from an adverse reaction the patient's history was combined with the evidence documented in the records (table I). The patients could thus be divided into three groups: "The make one-whole had enterenced an adverse reaction (31 patients). A

ceutical industry could be persuaded to produce them as a service to patients. Forgerful patients might then be protected from re-exposure to offending drugs if their records were not available; unconscious patients would also be protected. This, of course, implies that patients would also be protected. This, of course, implies that patients will carry this information, which may not be the case. Do toro would need to emphasize the continued use of the case. Do toro would need to emphasize the continued use of the case to be considered to the continued to the case. The continued was often and the continued to the case to the continued to the co

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 important drug reactions. If the reaction is fully documented, however, other doctors could reassess the position at a

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100 YEARS AGO

The subsect of hats as things of beauty—or ugliness—has been oft made the thems for reuley or condemnation, and their influence from a sanitary point of wew has no been allogether overlooked. There is, however, much to be said in defence of the much maligned said has, the saidogy of which in shapes the said of the sa