

PRACTICE OBSERVED

Practice Research

Measles immunisation rates and the good practice allowance

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Abstract

The recent discussion document on primary health care proposes that a good practice allowance is paid to general practitioners based in part on the uptake of immunisation by patients...

Introduction

The recent government paper, Primary Health Care: an Agenda for Discussion, proposes a good practice allowance linked to such factors as ensuring that certain services—for example, immunisation—have been provided for an agreed proportion of patients in relevant categories.

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that practices, rather than practitioners, should be held accountable for their performance; and that achievement in prevention would be a good place to start.

Child immunisation rates for each general practice can be ascertained readily from the computerised child health records that are held by district health authorities. Although such records are known to be inaccurate in terms of the populations of patients who are registered with a practice and the recording of immunisation state...

The Aylesbury Information on Prevention Project, which was set up in 1985 to examine the exchange of information between general practice and a district health authority, provided the opportunity to examine these questions with respect to measles immunisation.

Method

Five general practices with an aggregate list size of 44 000 patients, which represents roughly a third of the population of the health district, participate in the Aylesbury Project. The criterion for selection of practices and the procedure for abstracting information from medical records has been reported.

correspondence between this record, the district health authority computer, and the medical record card.

Accuracy of numerator—There was less disagreement between child health computer records and medical records on the numerator—that is, the record of immunisation. Table II shows that for a child with both a computer record and a medical record there was agreement on whether he or she had been immunised in 90% of cases.

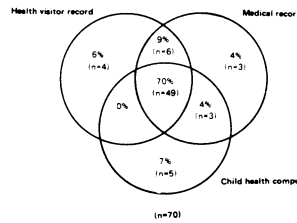


Fig. 2—Proportion of children eligible for measles immunisation who were identified from different sources: one surgery and birth year, 1982.

The rate of non-immunisation calculated from the health visitor records (three 5% of 63 children) is less than the rate from either the computer (eight 11% of 63) or medical records (seven 11% of 63).

Discussion

The first important issue is the extent to which district health authority immunisation rates reflect the true state of immunisation in general practice. The major error in accuracy is the population denominator rather than the record of the immunisation having been given. Error in the latter is small and probably random.

Health visitor records are thought to be the best source of denominator in the youngest children, and we think that they may also carry the most accurate information on immunisation state.

manner. The results are not reported here. All practice immunisation records were held in manual form. In one practice, which was selected because of the high level of recording of immunisation state in the medical records and the availability of comprehensive health visitor records, the list of children registered in 1975, 1979, and 1982 was abstracted from the age-sex register. The medical record card was audited for immunisation state by the practice staff supervised by the project coordinator (AP). The age-sex list and record audit were then manually cross tabulated at the practice with the printout from the district health authority computer.

Results

District health authority recorded rates—The figures in table 1 confirm the initial assumption that there would be substantial differences in the immunisation state in the medical records and the availability of comprehensive health visitor records, the list of children registered in 1975, 1979, and 1982 was abstracted from the age-sex register.

TABLE I—Recording of measles immunisation for children: child health computer records, one practice, birth years 1975, 1979, and 1982. Percentages given and numbers in parentheses

Table with 4 columns: Source, 1975, 1979, 1982, All years. Rows: Computer only, Medical records only, Both records.

TABLE III—Percentage of non-immunised children as determined from medical and child health computer records, one practice, birth years 1975, 1979, and 1982. Numbers in parentheses

Table with 4 columns: Source, 1975, 1979, 1982, All years. Rows: Computer, Medical records, Both records.

TABLE II—Percentage of non-immunised children in each practice according to child health computer, by age group. Number of children in parentheses

Table with 6 columns: Practice, 4 years 9 months, 7 years, 10 years 10 months, 13 years 10 months, All ages.

highest in the youngest age group in each practice, although the age gradient of immunisation varied.

Accuracy of denominator—Figure 1 shows the correspondence between the existence of a computer record, a medical record, and an age-sex record for each child identified from any source according to year of birth.

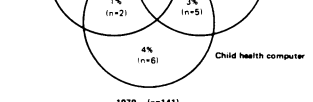
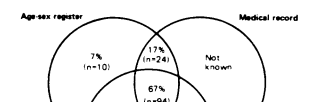
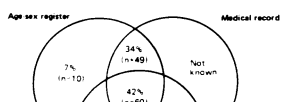


Fig. 1—Proportion of children eligible for measles immunisation in one practice who were identified from different sources: birth years 1975, 1979, and 1982.

Doctors as nutrition educators? Part II

MARGARET B CLARK, ELIZABETH M EVANS, MARGARET B HAMILTON-SMITH

Did you get 12 for your nutritional knowledge in the last quiz? ... 10. Which diabetic products would you recommend to be bought as an adjunct to the diet?

11. What is the lowest safe energy 'calorie' intake that you would recommend for an overweight adult woman? ... 12. Which diabetic products would you recommend on a weight reducing diet?

- (1) What are the National Advisory Committee on Nutrition Education recommendations? (2) What are the dietary goals for diabetic patients? (3) What is a rule of thumb guide for energy requirements (calorie needs) for children of different ages? ... (9) How much energy (calories) would the above diabetic be eating?

- Starch reducing bread, such as Numbie Hovis. Wholemeal bread. Granary bread. White bread. Starch-reduced rolls, such as Egerken. Crispbreads, such as Rytita. Brown bread. Hi-fibre bread. Vite bread.

100 YEARS AGO

In this great overgrown city of London, and to a less degree in other great cities of the country, as the opportunities for healthy exercise grow fewer, the custom of resorting to gymnasia will grow even more than it has already become. The advertisements of "Professors of the gymnastic art," multiply with rapidity, a sure sign that the fashion is spreading. While willingly admitting that gymnastic training has uses for both sexes, and indeed, especially during the winter months, the only substitute for out-door exercise available to those large classes of the community who follow the sedentary occupations of business and the profession is the art of remitting their exertion to the ventilation of the room in which the exercises are performed.