

A hospital in northern Taiwan recorded the history of drug allergy to patients and avoided re-use of allergy drugs, sharing results

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Introduction

Angioedema is a type of swelling (edema) of the skin and submucosa of the underlying skin and tissues (edema), which may occur on the face, tongue, throat, abdomen, or arms and legs. The most common symptoms occur after exposure to substances that trigger allergic reactions, such as food, drugs, cosmetics, or insect bites. Common drugs such as antibiotics (like penicillin), NSAIDs, diuretics and aspirin.

Method

At the end of 2016, our hospital began to target emergency patients and asked about medication allergies during Triage. And set the results in the hospital's medical computer system, In order to reduce the chance of doctors in our hospital prescribing allergic drugs to patients in the future.

Results

According to statistical analysis of the number of ADR notifications from 2017 to 2020, although the overall number of notifications has not decreased significantly, the rate of angioedema caused by NSAIDs or antibiotics in Type B adverse reactions has a gradually decreasing trend. In 2017, the ratio of NSAIDs or antibiotics divided by Type B ADR was 19.04%, in 2018 it was 15.55%, in 2019 it was 16.92%, and in 2020 it was 9.67%.

Conclusions

According to this statistical analysis, it can be known that setting allergy medicines in advance can enable doctors to avoid the patient's previous medication allergy history when prescribing medications, reduce the chance that patients will be allergic to the same medicine again, reduce medical waste, and increase patient medication safety.

Relevance to HPH

This study can remind medical colleagues that they should pay more attention to the patient's medication allergy history, especially when the patient has been allergic to a certain drug and accidentally prescribes the same drug, you can have a friendly reminder. In order to reduce the incidence of patients with ADR, in order to achieve the goal of HPH (Health Promotion Hospital).