

**Sistem Pakar Diagnosa Penyakit Alergi Kulit Umum Menggunakan Metode
*Forward Chaining***

*Expert System for Diagnosing Common Skin Allergies Using the Forward
Chaining Method*

Fahriza Ramadhani Putra
Study Program of Informatics Engineering
Majoring of Information Technology
Program Studi Teknik Informatika
Jurusan Teknologi Informasi

ABSTRACT

There are so many types of health problems suffered by humans, one of the most common is health problems in the form of allergies. Allergy itself is an immune failure caused by changes in the body's reaction to a substance that is in the daily living environment. In general, skin allergies that occur in humans are dry eczema, wet eczema, urticaria or hives and dermatitis. In these problems, an expert system is needed that can diagnose common skin allergies. This study uses the Forward Chaining method that utilizes artificial intelligence added by humans to a technology system. From testing the accuracy of the system, it is known that the accuracy rate is 80%. Expert system applications can be used to help diagnose common skin allergies.

Keywords: *skin allergies, expert system, forward chaining, artificial intelligence*