

Abstract

The insufficient of vitamin A (Xeroftalmia) mostly taken as something that is not important for most people. Eventhough the consequence of this insufficient can cause many other diseases such as respiratory infection which caused by the decrease of the immunity. This insufficient can also cause blindness if it doesn't take care fastly. Xeroftalmia mostly attacks 6 months – 4 years children.

The next problem that occur is less and the imbalance of the spreading of doctor specialists or the experts who can solve the Xeroftalmia problem. The problem make a lot of people have difficulty to detect if they have Xeroftalmia or not.

This Expert System to Detect Xeroftalmia is made as an alternative that can help people or health officer in Xeroftalmia diagnose. The using of backward chaining method and VCIRS are intended to make the detection easier and in knowledge base changing. This system also can save the disease record of the result from the detection.

Keywords: *Xeroftalmia, , Expert System, backward chaining, VCIRS.*