

Abstract

Cancer is kind of disease that's very dangerous. The cell grow faster than normally condition although the DNA's cell die. This condition caused the cancer disease. If the cancer stage of disease come into the high level, the possible of life patient is slight, but when the cancer stage of disease still in beginning the possibility of life is stil high. Ironic, for many cancer case the patient come to hospital to observe their disease if the stage of disease is high. One of the cancer category is ovarian cancer, this cancer in the top position of the disease that can cause women die in indonesia.. that's why we are need an application that can give an information for everyone about the possibility of ovarian cancer, so we can know the disease earlier.

Expert system work as an expertist to make a decision based on parameter. An expertist is a SPOG, use an indication and patient category from the patient to make decision. An expert system use Forward Chaining searching method which be combined with mycin certainty factor. Testing's result conclude that an expert system proper to used with treshold value is 0.33.

Keywords: cancer, ovarian cancer,stage of disease, expert system, forward chaining.