Simple Screening for High-Risk Pregnancies in Rural Areas Based on an Expert System

Title	Simple Screening for High-Risk Pregnancies in Rural Areas Based on an Expert System
Author Order	1 of 6
Accreditation	
Abstract	The high maternal and infant mortality rates in developing countries, especially Indonesia, are quite alarming. There are many factors that cause high mortality numbers; one of them is the delay in handling cases of highÃ¢Â€Â'risk pregnancies. The main problem faced by developing countries is the lack of health facilities, including medical equipment and human resources. This research aims to develop a simple system that can be used to screen highÃ¢Â€Â'risk pregnancies. This system is based on an expert system. The Analytical Hierarchy Process (AHP) method is used in making decisions about potentially high-risk pregnancy patients. Essentially, the system can be used by anyone, anywhere, to carry out early screening of highÃ¢Â€Â'risk pregnancy patients, so that delays in the treatment of these patients can be resolved, because the symptoms of highÃ¢Â€Â'risk pregnancy are known from the beginning. Results indicate that this system shows promise for further development.Ã,Â
Publisher Name	Universitas Ahmad Dahlan
Publish Date	2015-06-01
Publish Year	2015
Doi	DOI: 10.12928/telkomnika.v13i2.988
Citation	
Source	TELKOMNIKA (Telecommunication Computing Electronics and Control)
Source Issue	Vol 13, No 2: June 2015
Source Page	661-669
Url	http://journal.uad.ac.id/index.php/TELKOMNIKA/article/view/988/1406
Author	Dr RETNO SUPRIYANTI, S.T, M.T