

The Use of Expert System for Preliminary Remote Diagnostics

N. V. Le, V. A. Kamaev

Volgograd State Technical University, Volgograd

Keywords: expert system; inference engine; knowledge acquisition; knowledge base; knowledge representation; .NET Framework; preliminary diagnosis; web-guided technologies.

Abstract: The authors propose to use a remote medical expert system of preliminary diagnostics to solve practical problems. It shows the efficiency of the pre-medical diagnostics by an expert system based on the integration of different models of formation and representation of knowledge and the possibility of remote access.