

Building an expert system to support the diagnosis of eye diseases.

Đinh Thị Huyền

Abstract: In medical practice, accurately diagnosing eye diseases requires in-depth knowledge and extensive experience. This topic focuses on building an expert system based on artificial intelligence to assist doctors in the diagnostic process. The goal is to develop a system capable of analyzing eye images, assessing disease severity, and recommending appropriate treatment methods. The research methodology combines theory and experimentation, using optimized machine learning algorithms to increase diagnostic accuracy. The topic is expected to bring high practical application in the medical environment, contributing to improving the overall quality of eye health care.

Keywords: expert system, artificial intelligence, diagnosis of eye diseases