

AI in Improving the Quality of Health Services - Performance of Poland in Comparison with EU to Enhance Remote Healthcare Services

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Abstract

This article aims to outline the ways in which artificial intelligence (AI) is improving the quality of healthcare services by addressing issues in telemedicine, such as accessibility, diagnosis accuracy, and patient data management in Poland. Additionally, it aims to analyse the scope of telemedicine services in Poland compared to the European Union.

The methodology is based on an analysis of the literature on the role, scope and use of telemedicine in Poland and EU countries. The review includes academic articles, government reports, public health registries and information from the OECD database.

The results emphasize the importance of prioritizing telemedicine in Poland for improved healthcare quality and efficiency through AI. It is seen as revolutionary for cost reduction and enhanced medical services. By optimizing technology use, healthcare providers can accelerate Continuous Quality Improvement (CQI) efforts, leading to improved patient outcomes and more efficient delivery of care.

Keywords: artificial intelligence (AI), continuous quality improvement (CQI), EU, Poland, telemedicine