

Application of artificial intelligence in diagnosing colorectal cancer from endoscopic images

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Abstract: In the context of healthcare increasingly focusing on improving the quality of diagnosis and treatment, this project aims to use artificial intelligence (AI) to enhance the ability to diagnose colorectal cancer from endoscopic images. Through a combination of theoretical research and experimentation, the project will develop and evaluate the effectiveness of AI models in early disease detection. The expected outcome is to provide a powerful diagnostic support tool, contributing to improved survival rates and quality of life for patients.

Keywords: artificial intelligence, colorectal cancer diagnosis, endoscopic images