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강연제목: 생성형 AI 의 최신 트렌드 및 임상분야에서의 활용방안/
Latest trends in generative AI and its applications in clinical practice

Abstract:

Generative AI has established itself as a key technology driving innovation not only in the healthcare sector but across industries. This technology accelerates medical image analysis, disease prediction, patient monitoring, and personalized patient communication, while also transforming medical devices, supporting regulatory compliance, and enhancing the protection of patient data. It enables improvements in healthcare accessibility and cost reduction in various ways. Specifically, it brings innovative changes to the clinical field by enhancing the efficiency of the entire clinical process through clinical design optimization, data analysis optimization, reducing the cost and duration of drug development, and increasing the accuracy of clinical outcome predictions through complex data analysis. Analyzing the latest trends and directions of development in generative AI, including the generation of medical-related data to improve efficiency throughout the process, reducing administrative burdens, and discussing ethical considerations and data security issues, explores the impact and future prospects of generative AI in healthcare and clinical fields. Generative AI, beyond clinical applications, is a key technology leading innovation across the entire healthcare spectrum, expected to bring positive outcomes to the healthcare industry as a whole through improvements in the quality of healthcare services, reduction in medical costs, and enhancement of patient satisfaction.

Brief Biosketch

1. 학력
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3. 주요 논문(영어, 해외)

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